

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL122017\
 Data File : VL031283.D
 Acq On : 20 Dec 2017 23:59
 Operator : SY/AP
 Sample : I7005-06
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EP1-SV-5

Manual Integrations
 APPROVED

MMDadoda
 12/22/2017 4:55:00 PM

Quant Time: Dec 22 05:56:15 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	1585391	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.46	114	3705028	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.42	117	3413764	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.75	95	2759685	11.37	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	113.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.18	85	63058	0.47	ppbv	97
3) Chlorodifluoromethane	3.12	51	119057m	0.66	ppbv	
4) Chloromethane	3.28	50	38523	0.40	ppbv	97
9) Propene	3.14	41	1589913	17.97	ppbv	98
10) Heptane	8.41	43	353432	1.31	ppbv	98
11) Trichlorofluoromethane	4.13	101	409078	1.86	ppbv	96
13) Ethanol	3.77	45	131770	5.16	ppbv	99
15) Acetone	4.02	43	3912973	18.70	ppbv #	72
17) tert-Butyl alcohol	4.51	59	186058	1.58	ppbv #	73
20) Methylene Chloride	4.54	84	184995	2.67	ppbv	96
26) Hexane	5.93	57	450151	2.22	ppbv #	37
27) Carbon Disulfide	4.76	76	1435220	7.07	ppbv	99
28) Methyl tert-Butyl Ether	5.26	73	37492	0.14	ppbv #	1
29) Chloroform	6.00	83	81471	0.30	ppbv	95
30) Cyclohexane	7.41	84	111276	0.62	ppbv #	73
31) cis-1,2-Dichloroethene	5.79	61	101084	0.55	ppbv	90
32) 1,1,1-Trichloroethane	6.77	97	14119m	0.05	ppbv	
34) 2-Butanone	5.47	43	10693534	40.87	ppbv	95
35) Carbon Tetrachloride	7.30	117	18473	0.07	ppbv #	88
36) Benzene	7.17	78	633190	1.61	ppbv	100
38) Trichloroethene	8.13	130	2071036	13.52	ppbv	98
41) Tetrahydrofuran	6.31	42	46703m	0.32	ppbv	
44) 2,2,4-Trimethylpentane	8.15	57	306281	0.52	ppbv #	57
51) 2-Hexanone	10.45	43	1172650	3.84	ppbv #	97
52) Tetrachloroethene	11.58	164	20234477	139.67	ppbv	94
53) Toluene	10.12	91	1899002	4.46	ppbv	98
58) Ethyl Benzene	13.04	91	358115	0.64	ppbv	97
59) m/p-Xylene	13.30	91	684667	1.52	ppbv	96
60) o-Xylene	14.03	91	434747	0.96	ppbv	99
61) Styrene	13.86	104	61467	0.47	ppbv #	88
62) Isopropylbenzene	15.00	105	84505	0.14	ppbv	98
64) n-propylbenzene	15.89	120	22715m	0.14	ppbv	
72) 4-Ethyltoluene	16.17	105	79986	0.16	ppbv #	82
73) 1,3,5-Trimethylbenzene	16.33	105	117326	0.26	ppbv	96
74) 1,2,4-Trimethylbenzene	17.10	105	130023	0.28	ppbv #	75

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

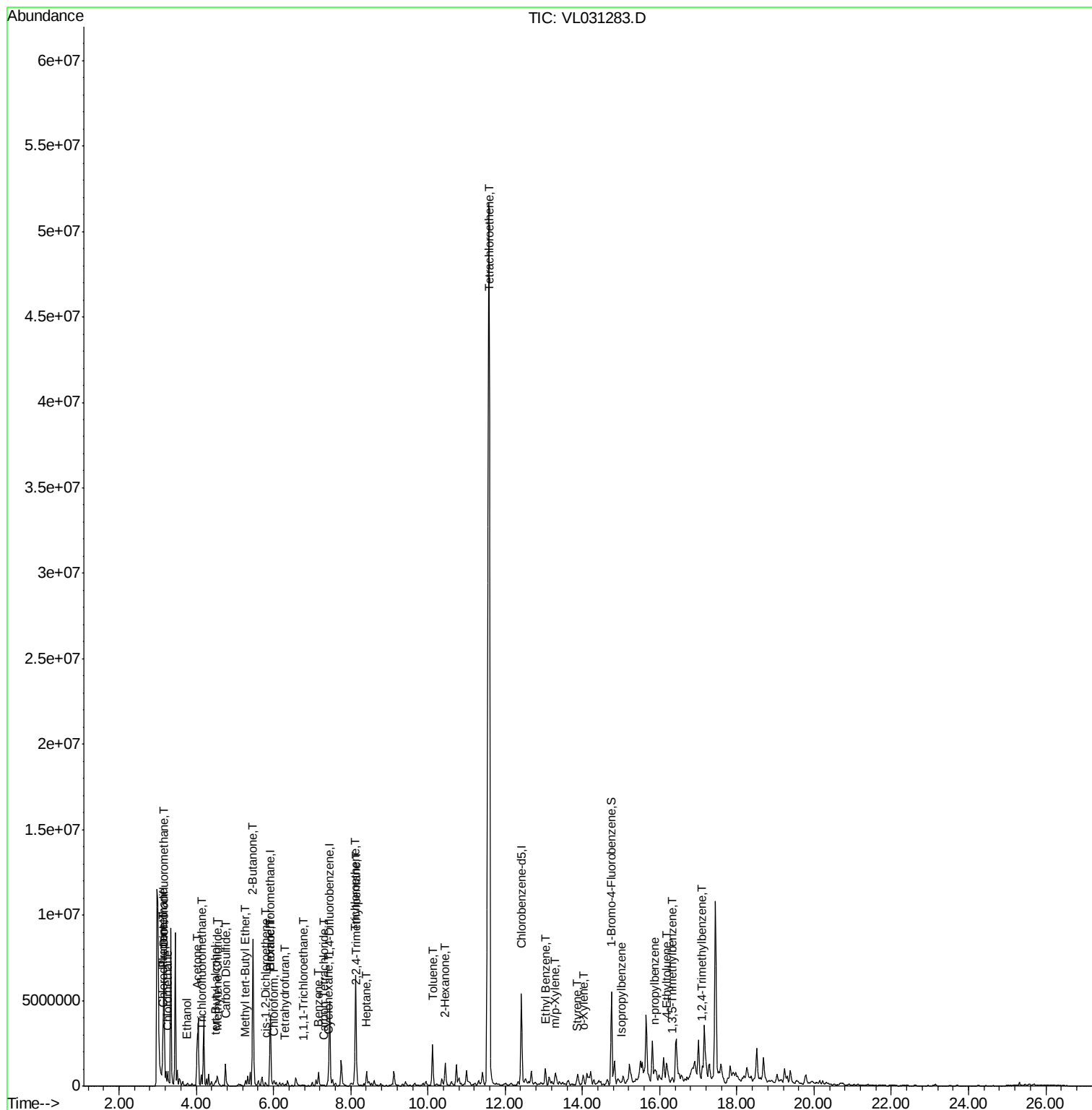
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Data Path : W:\HPCHEM1\MSVOA L\DATA\VL122017\  
Data File : VL031283.D  
Acq On    : 20 Dec 2017  23:59  
Operator  : SY/AP  
Sample    : I7005-06  
Misc      : 400ml/MSVOA L  
ALS Vial  : 1      Sample Multiplier: 1
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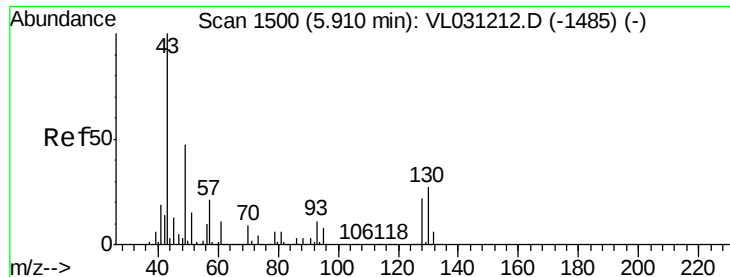
Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-5

Manual Integrations

MMDadoda
12/22/2017 4:55:00 PM

Quant Time: Dec 22 05:56:15 2017
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL121317AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu 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# 1502

Delta R.T. 0.01 min

Lab File: VL031283.D

Acq: 20 Dec 2017 23:59

Instrument :

MSVOA_L

ClientSampleId :

EP1-SV-5

Tot Ion: 49 Resp: 1585391

Ion Ratio Lower Upper

49 100

128 48.2 23.2 69.5

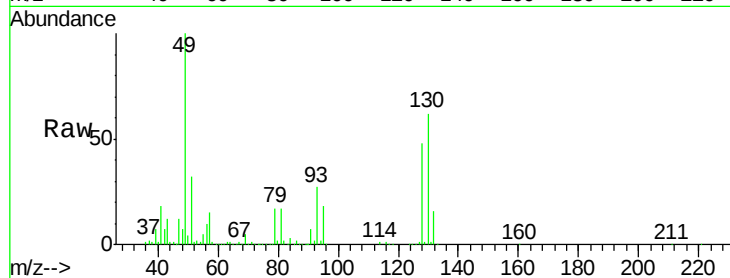
130 61.2 29.6 88.8

Manual Integrations

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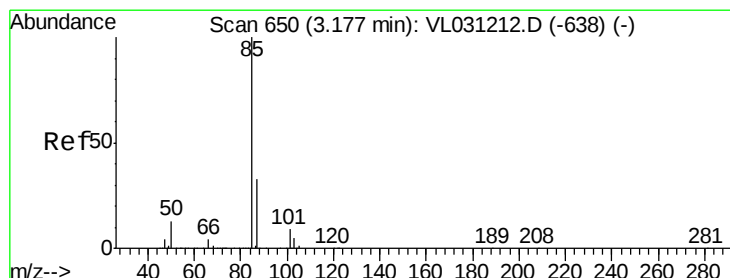
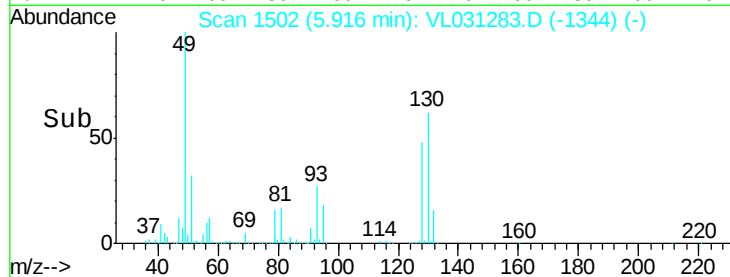
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.92

Time-->



#2

Dichlorodifluoromethane

Concen: 0.47 ppbv

RT: 3.18 min Scan# 651

Delta R.T. 0.00 min

Lab File: VL031283.D

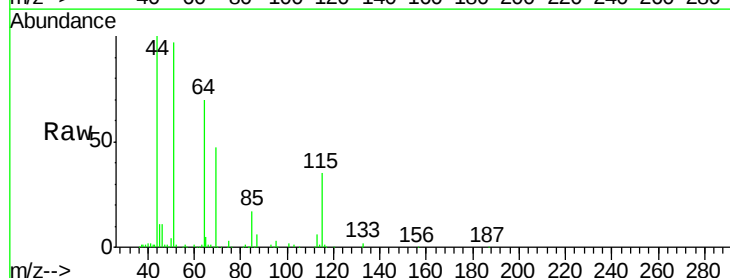
Acq: 20 Dec 2017 23:59

Tgt Ion: 85 Resp: 63058

Ion Ratio Lower Upper

85 100

87 34.5 26.2 39.2

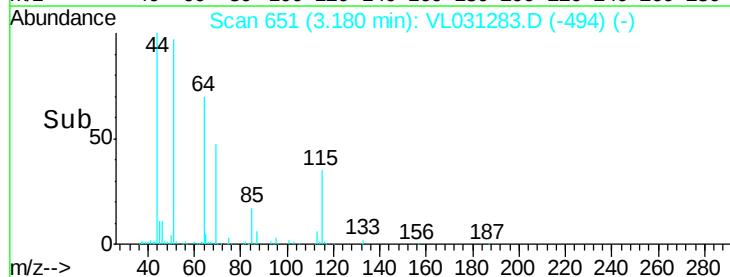


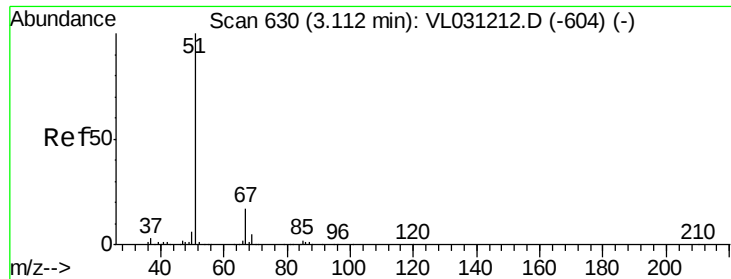
Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

3.18

Time-->





#3

Chlorodifluoromethane

Concen: 0.66 ppbv m

RT: 3.12 min Scan# 631

Delta R.T. 0.00 min

Lab File: VL031283.D

Acq: 20 Dec 2017 23:59

Instrument :

MSVOA_L

ClientSampleId :

EP1-SV-5

Tot Ion: 51 Resp: 119057

Ion Ratio Lower Upper

51 100

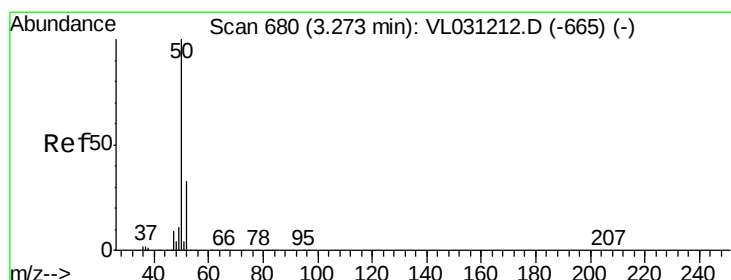
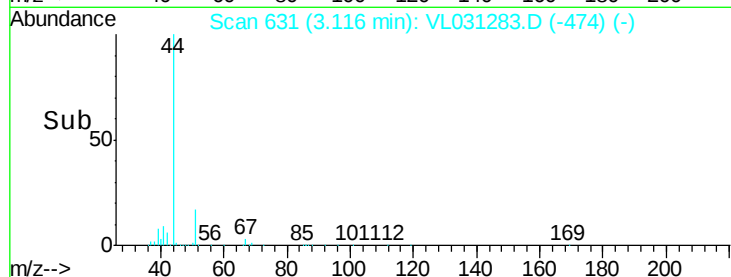
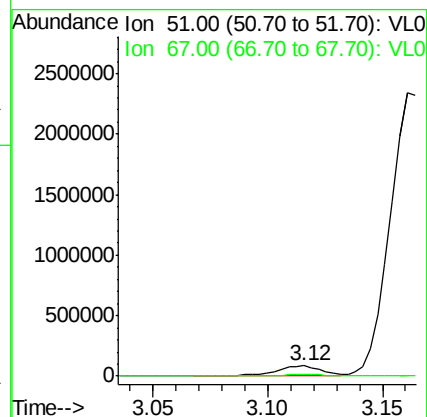
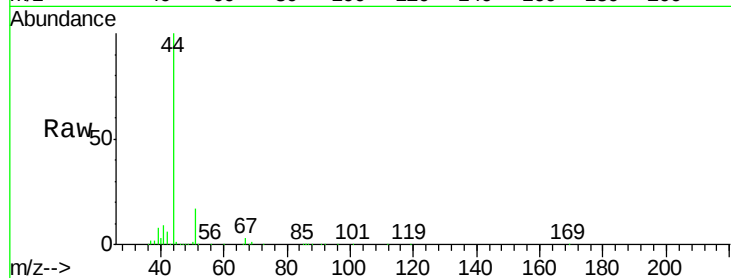
67 12.0 13.8 20.6#

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#4

Chloromethane

Concen: 0.40 ppbv

RT: 3.28 min Scan# 681

Delta R.T. 0.00 min

Lab File: VL031283.D

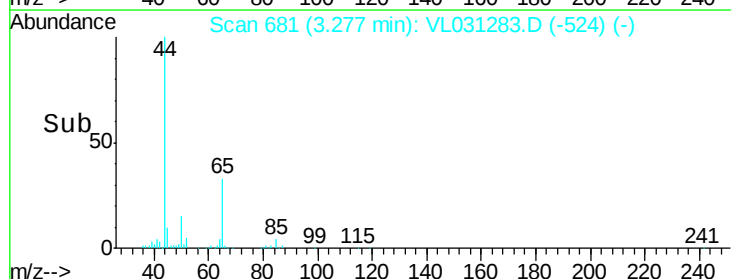
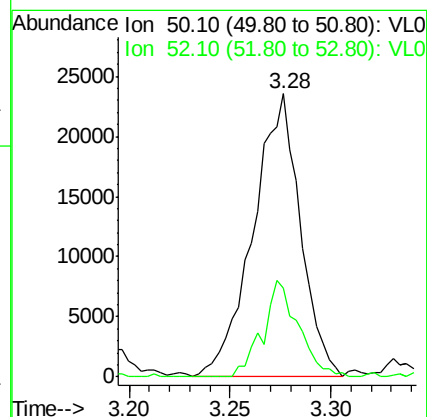
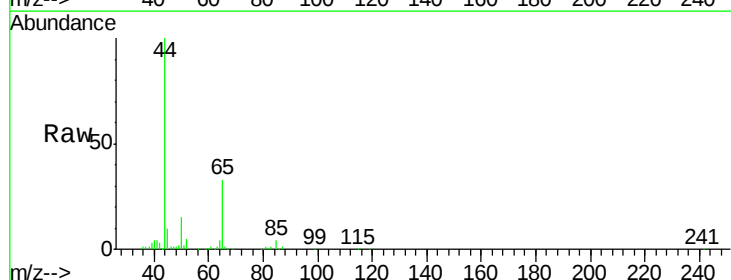
Acq: 20 Dec 2017 23:59

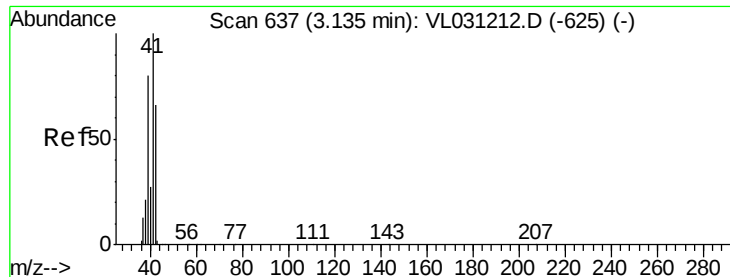
Tgt Ion: 50 Resp: 38523

Ion Ratio Lower Upper

50 100

52 31.5 26.5 39.7





#9

Propene

Concen: 17.97 ppbv

RT: 3.14 min Scan# 638

Delta R.T. 0.00 min

Lab File: VL031283.D

Acq: 20 Dec 2017 23:59

Instrument :

MSVOA_L

ClientSampleId :

EP1-SV-5

Tot Ion: 41 Resp: 1589913

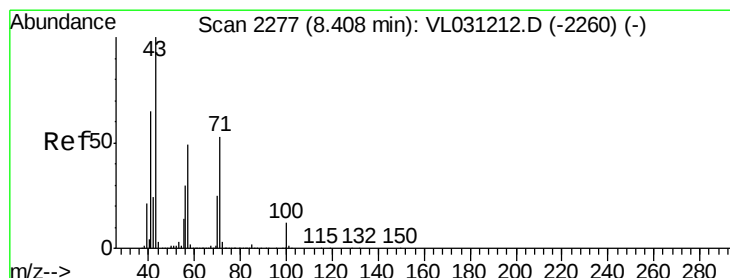
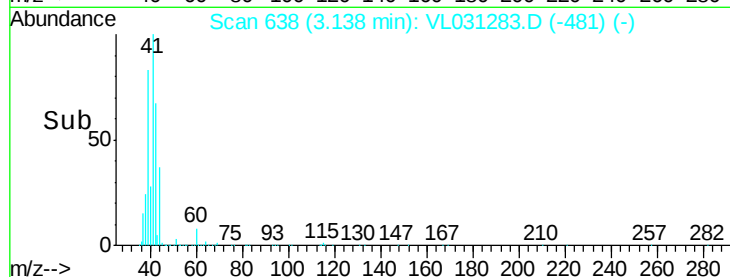
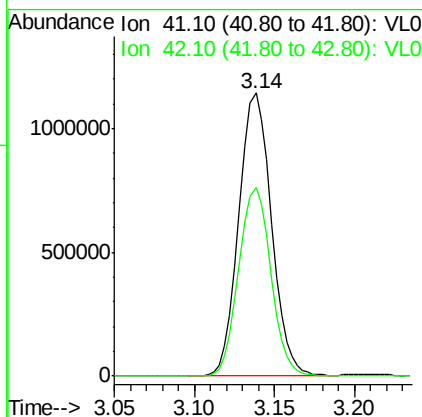
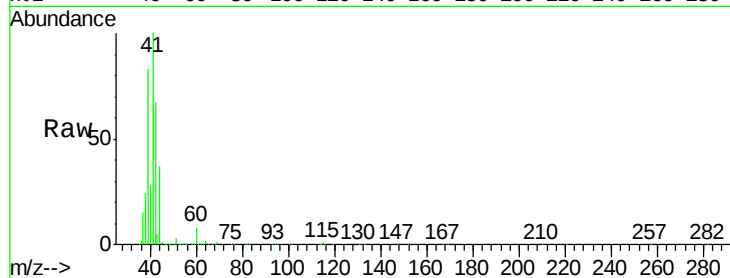
Ion Ratio Lower Upper

41 100

42 65.9 54.3 81.5

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#10

Heptane

Concen: 1.31 ppbv

RT: 8.41 min Scan# 2278

Delta R.T. 0.00 min

Lab File: VL031283.D

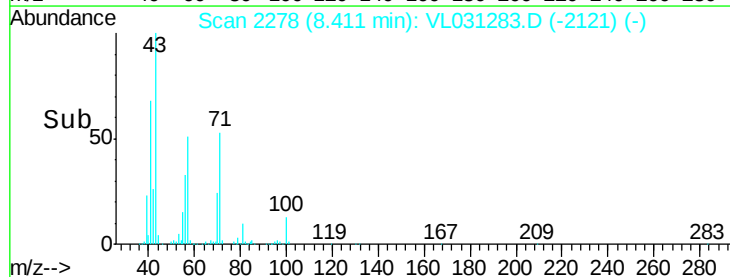
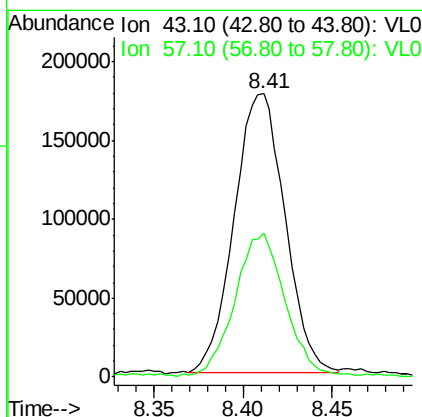
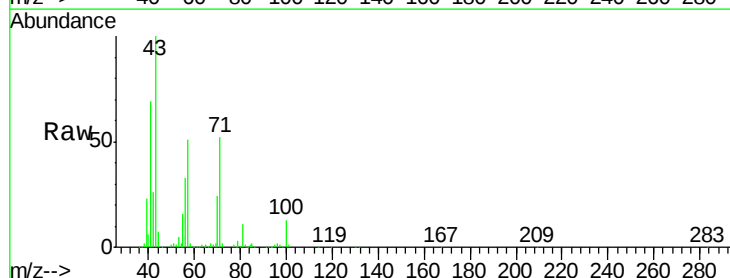
Acq: 20 Dec 2017 23:59

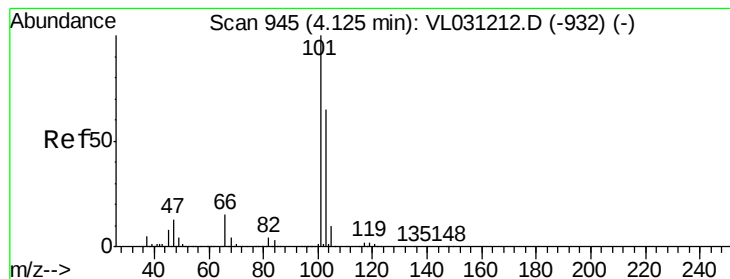
Tgt Ion: 43 Resp: 353432

Ion Ratio Lower Upper

43 100

57 50.9 39.8 59.8





#11

Trichlorofluoromethane

Concen: 1.86 ppbv

RT: 4.13 min Scan# 947

Delta R.T. 0.01 min

Lab File: VL031283.D

Acq: 20 Dec 2017 23:59

Instrument :

MSVOA_L

ClientSampleId :

EP1-SV-5

Tot Ion:101 Resp: 409078

Ion Ratio Lower Upper

101 100

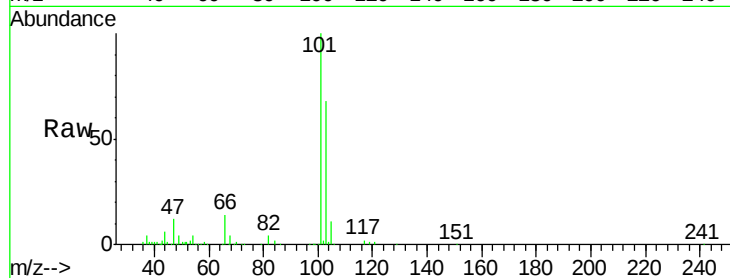
103 67.9 51.8 77.8

Manual Integrations

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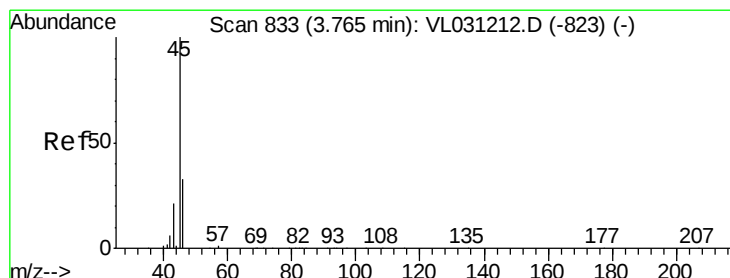
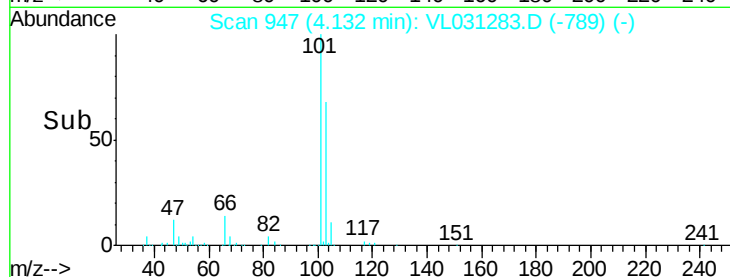
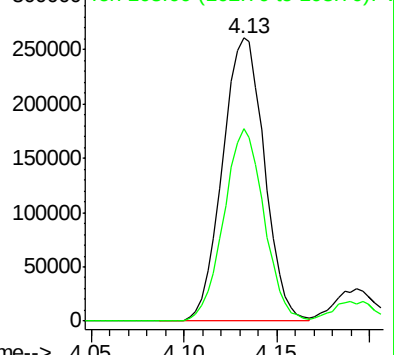
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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Ethanol

Concen: 5.16 ppbv

RT: 3.77 min Scan# 835

Delta R.T. 0.01 min

Lab File: VL031283.D

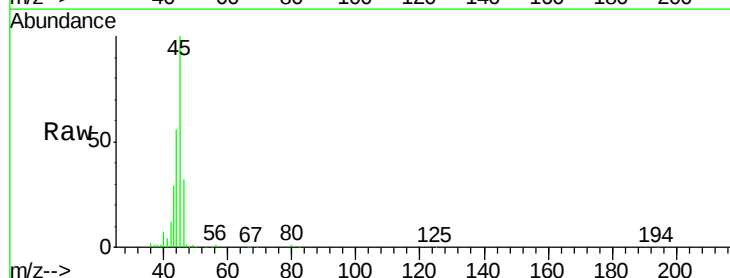
Acq: 20 Dec 2017 23:59

Tgt Ion: 45 Resp: 131770

Ion Ratio Lower Upper

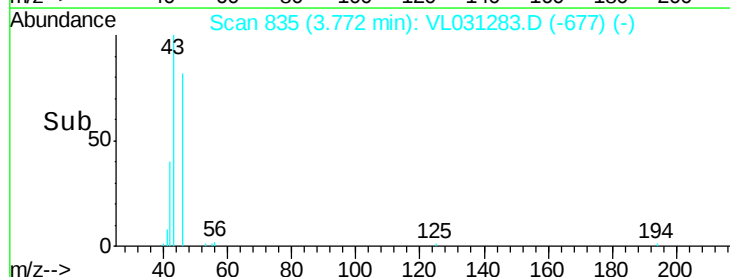
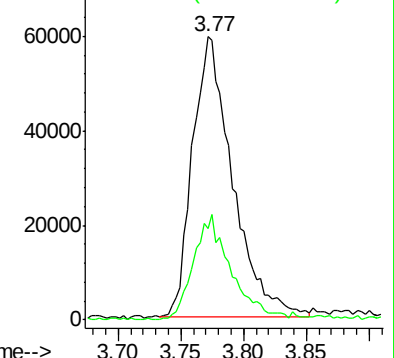
45 100

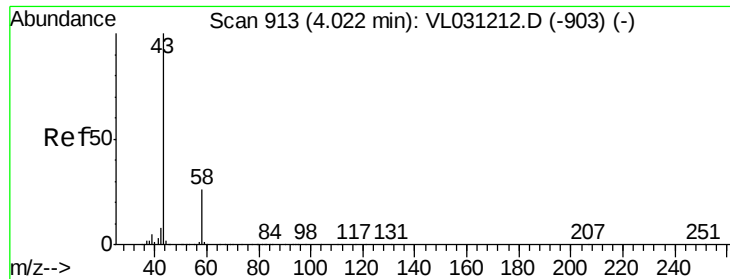
46 36.8 14.6 58.4



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





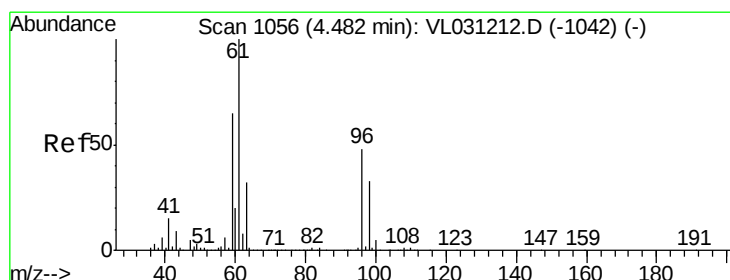
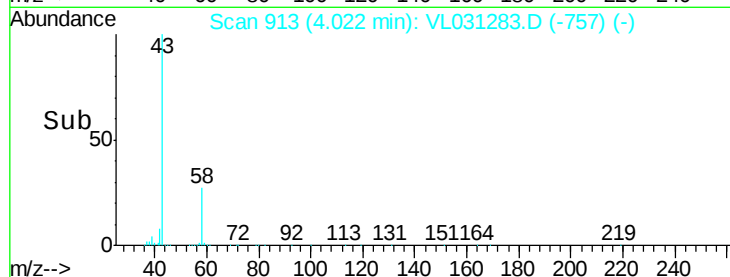
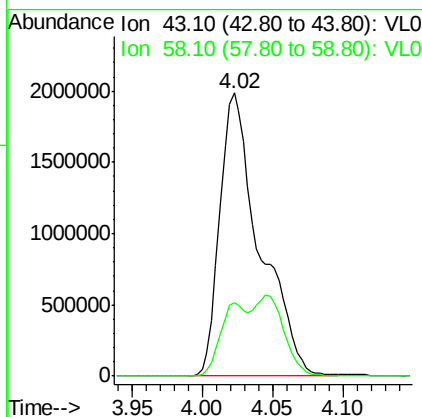
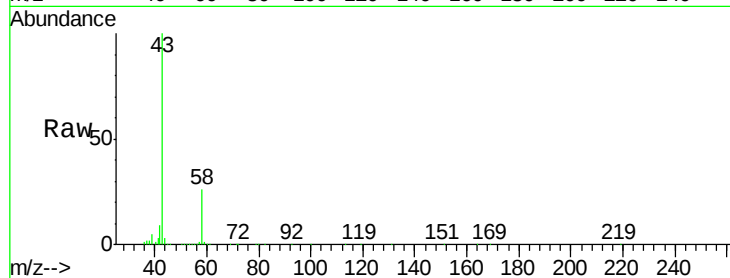
#15
Acetone
Concen: 18.70 ppbv
RT: 4.02 min Scan# 913
Delta R.T. 0.00 min
Lab File: VL031283.D
Acq: 20 Dec 2017 23:59

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-5

Tot Ion: 43 Resp: 3912973
Ion Ratio Lower Upper
43 100
58 39.7 20.3 30.5#

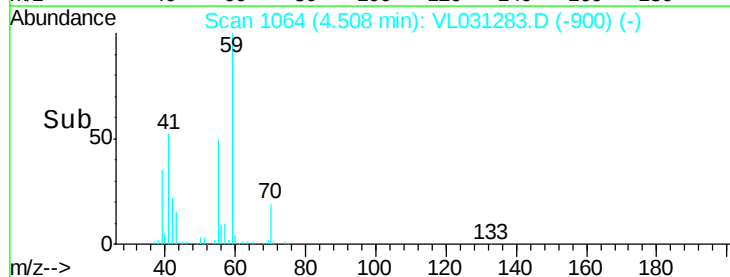
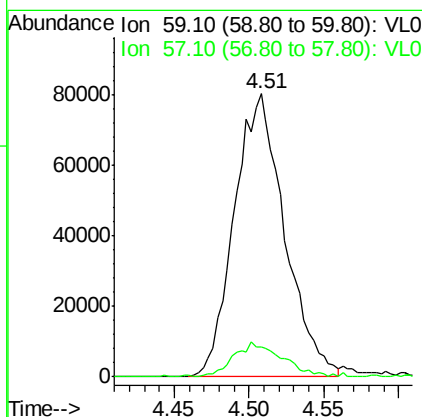
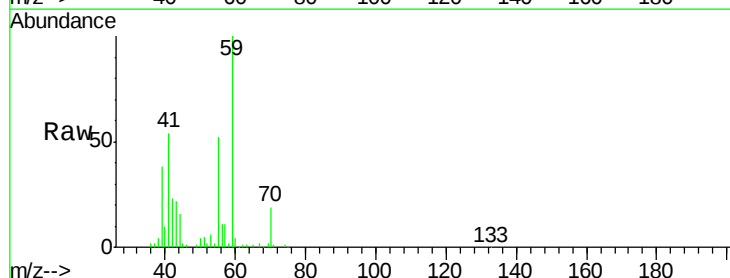
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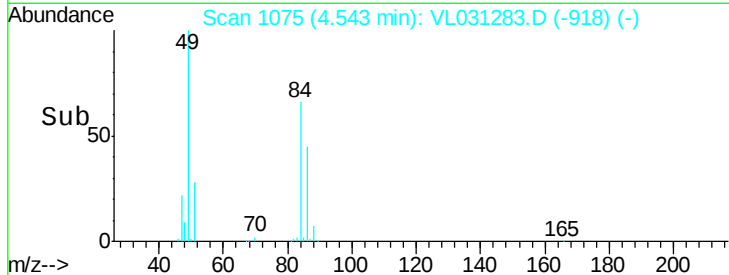
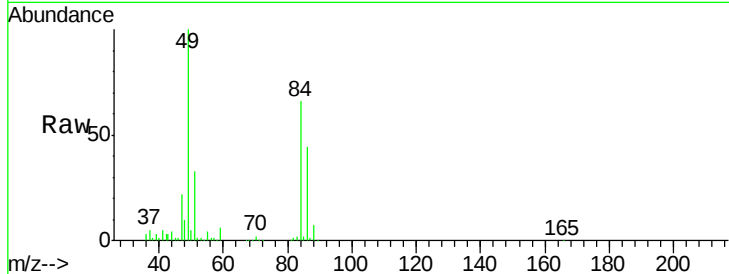
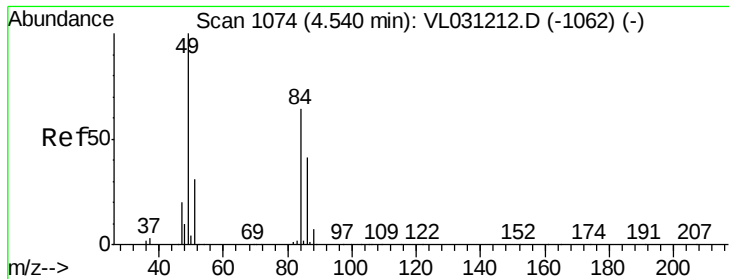
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12/22/2017 4:55:00 PM



#17
tert-Butyl alcohol
Concen: 1.58 ppbv
RT: 4.51 min Scan# 1064
Delta R.T. 0.03 min
Lab File: VL031283.D
Acq: 20 Dec 2017 23:59

Tgt Ion: 59 Resp: 186058
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





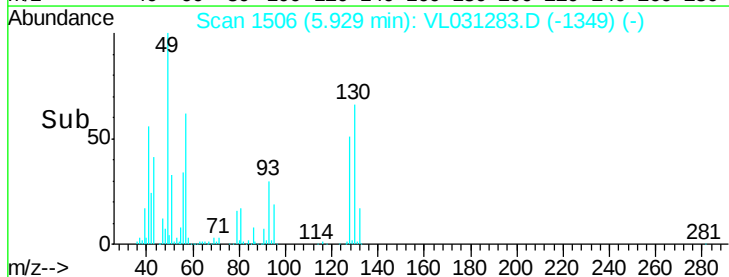
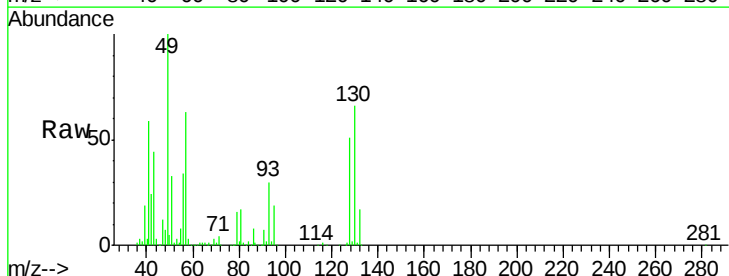
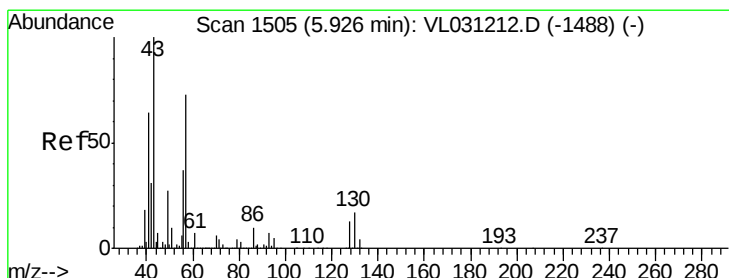
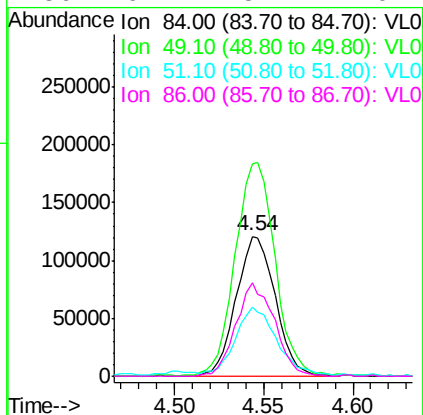
#20
Methvlene Chloride
Concen: 2.67 ppbv
RT: 4.54 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VL031283.D
Acq: 20 Dec 2017 23:59

Tot Ion	84	Resp	184995
Ion Ratio	Lower	Upper	
84	100		
49	151.2	125.8	188.6
51	48.9	39.3	58.9
86	67.2	51.1	76.7

Instrument :
MSVOA_L
ClientSampled :
EP1-SV-5

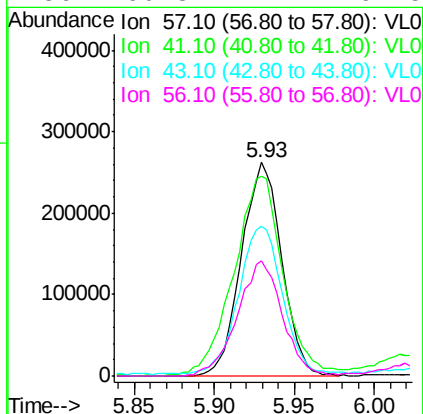
Manual Integrations
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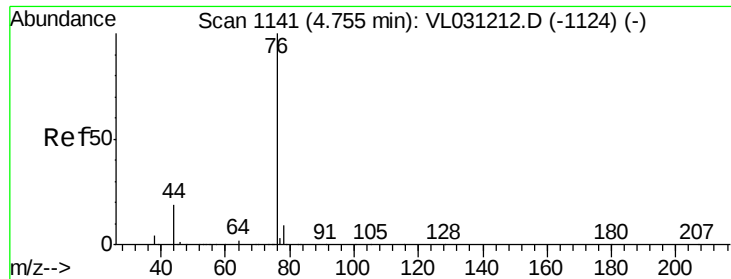
MMDadoda
12/22/2017 4:55:00 PM



#26
Hexane
Concen: 2.22 ppbv
RT: 5.93 min Scan# 1506
Delta R.T. 0.00 min
Lab File: VL031283.D
Acq: 20 Dec 2017 23:59

Tgt Ion	57	Resp	450151
Ion Ratio	Lower	Upper	
57	100		
41	114.5	70.3	105.5#
43	75.2	173.8	260.8#
56	60.8	41.7	62.5





#27

Carbon Disulfide

Concen: 7.07 ppbv

RT: 4.76 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VL031283.D

Acq: 20 Dec 2017 23:59

Instrument :

MSVOA_L

ClientSampleId :

EP1-SV-5

Tot Ion: 76 Resp: 1435220

Ion Ratio Lower Upper

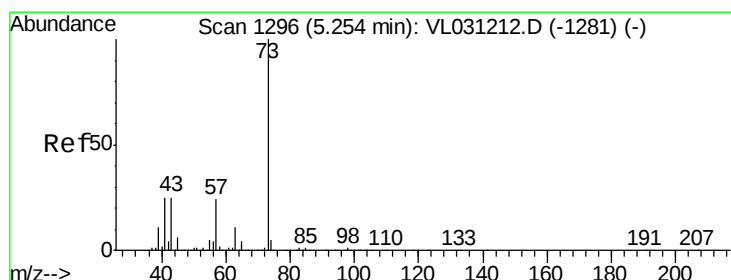
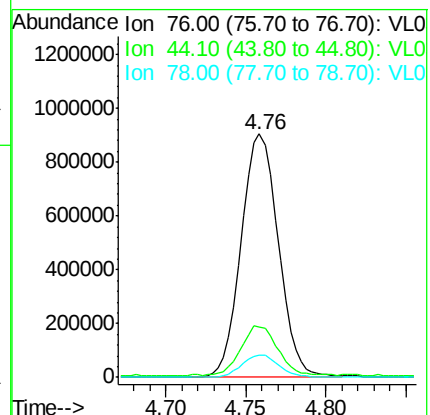
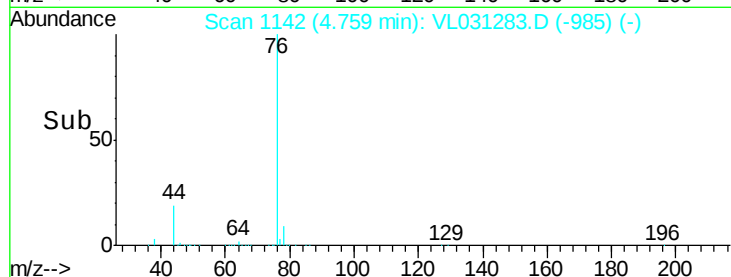
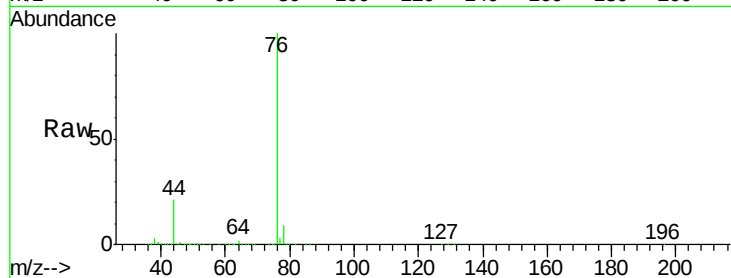
76 100

44 20.6 16.0 24.0

78 9.2 7.5 11.3

Manual Integrations
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12/22/2017 4:55:00 PM



#28

Methyl tert-Butyl Ether

Concen: 0.14 ppbv

RT: 5.26 min Scan# 1299

Delta R.T. 0.01 min

Lab File: VL031283.D

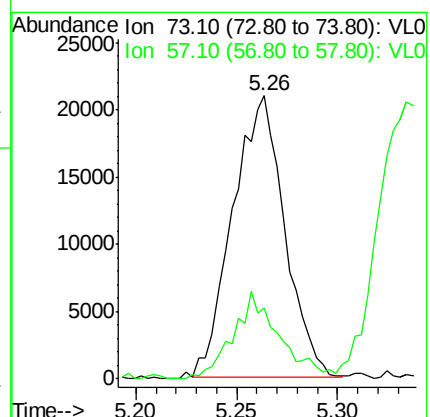
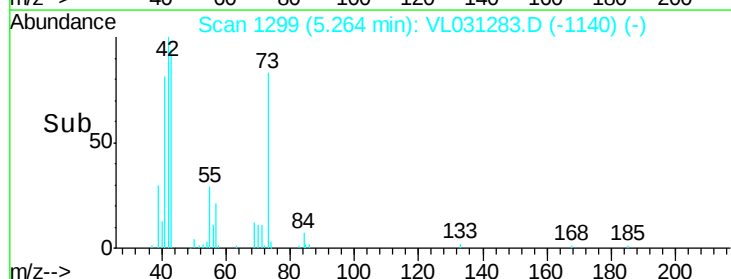
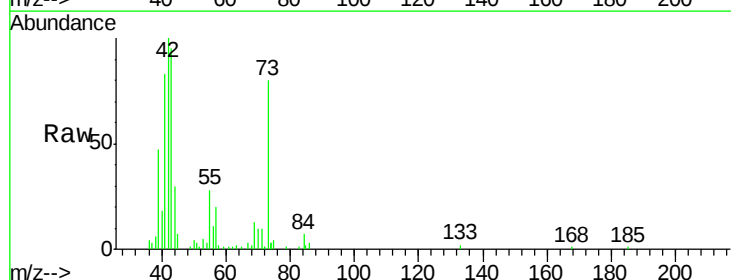
Acq: 20 Dec 2017 23:59

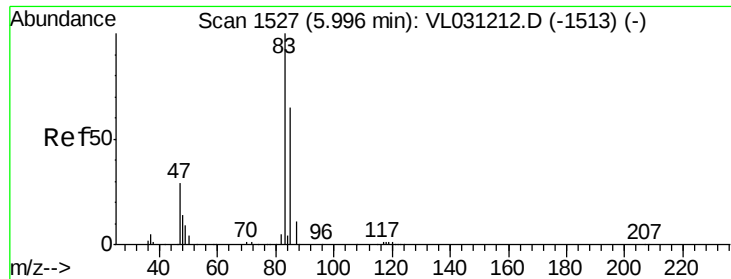
Tgt Ion: 73 Resp: 37492

Ion Ratio Lower Upper

73 100

57 95.7 18.5 27.7#





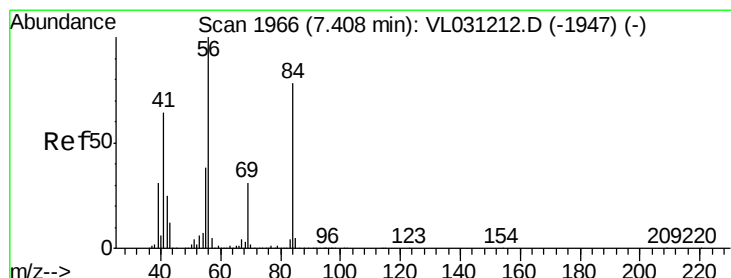
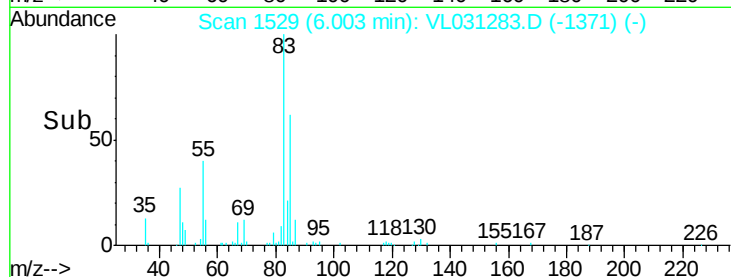
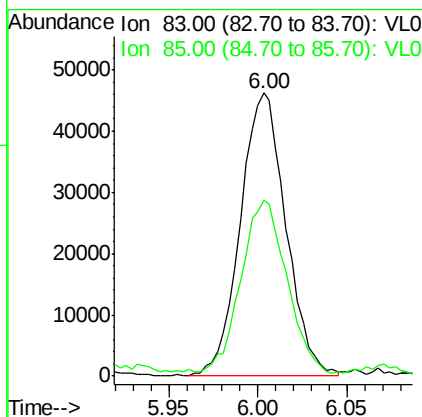
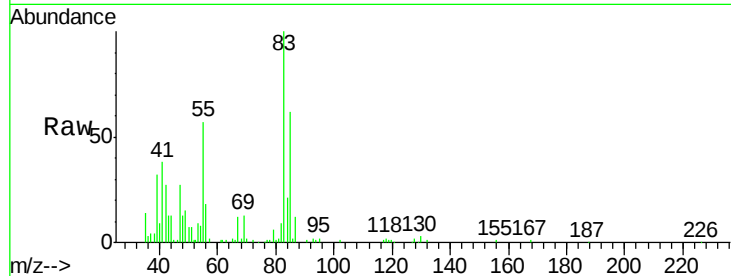
#29
Chloroform
Concen: 0.30 ppbv
RT: 6.00 min Scan# 1529
Delta R.T. 0.01 min
Lab File: VL031283.D
Acq: 20 Dec 2017 23:59

Instrument :
MSVOA_L
ClientSampled :
EP1-SV-5

Tot Ion: 83 Resp: 81471
Ion Ratio Lower Upper
83 100
85 60.6 51.8 77.6

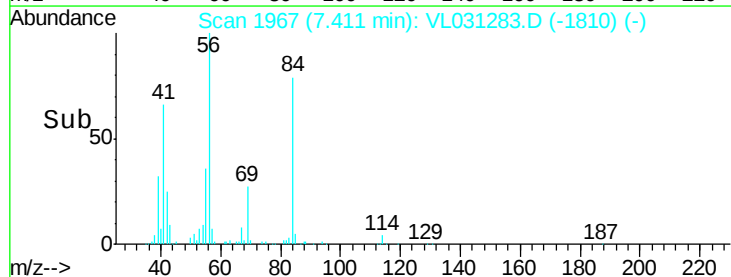
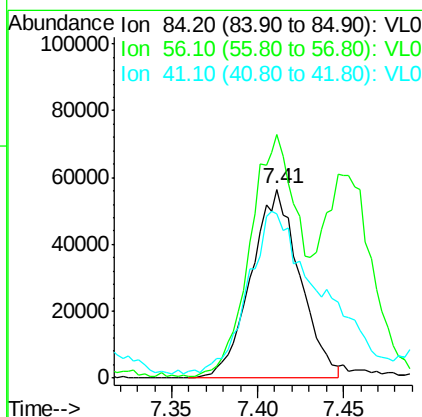
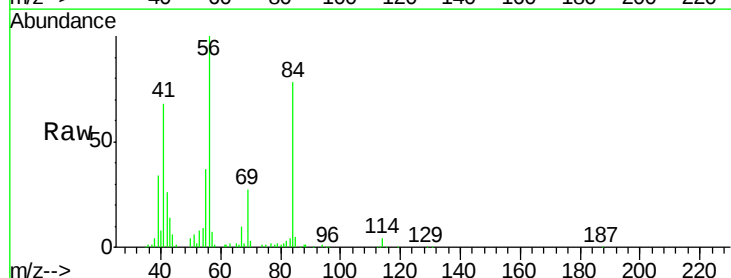
Manual Integrations
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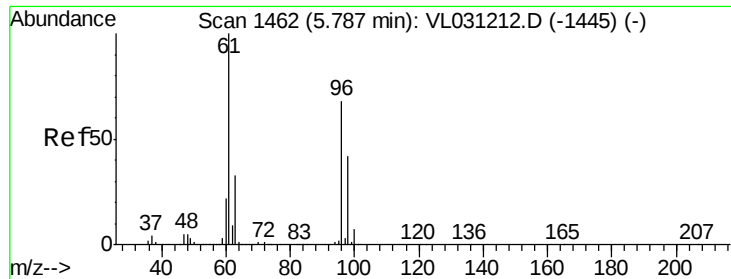
MMDadoda
12/22/2017 4:55:00 PM



#30
Cyclohexane
Concen: 0.62 ppbv
RT: 7.41 min Scan# 1967
Delta R.T. 0.00 min
Lab File: VL031283.D
Acq: 20 Dec 2017 23:59

Tgt Ion: 84 Resp: 111276
Ion Ratio Lower Upper
84 100
56 122.5 108.0 162.0
41 131.8 66.2 99.4#





#31

cis-1,2-Dichloroethene

Concen: 0.55 ppbv

RT: 5.79 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VL031283.D

Acq: 20 Dec 2017 23:59

Instrument :

MSVOA_L

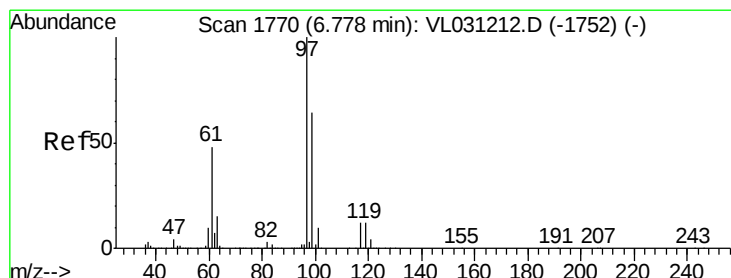
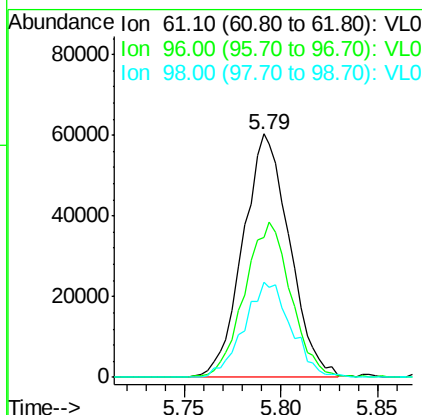
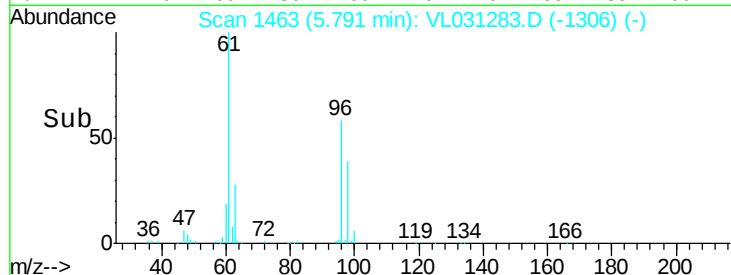
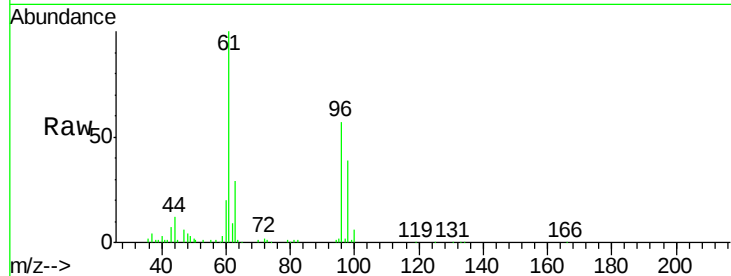
ClientSampleId :

EP1-SV-5

Tot Ion:	61	Resp:	101084
Ion	Ratio	Lower	Upper
61	100		
96	57.5	54.4	81.6
98	38.8	33.6	50.4

Manual Integrations
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MMDadoda
12/22/2017 4:55:00 PM



#32

1,1,1-Trichloroethane

Concen: 0.05 ppbv m

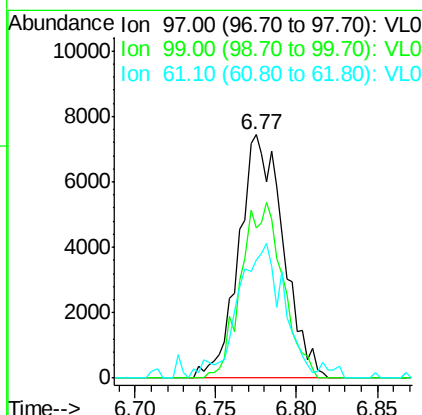
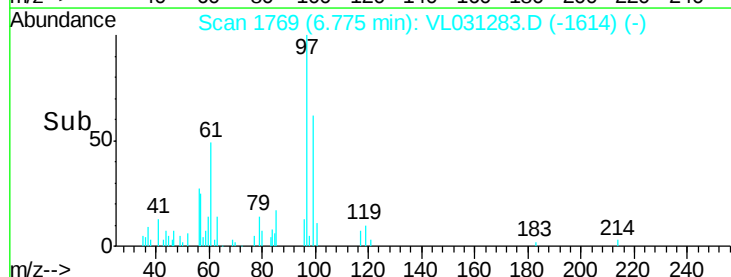
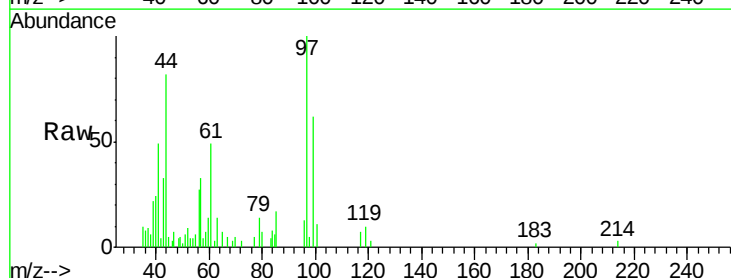
RT: 6.77 min Scan# 1769

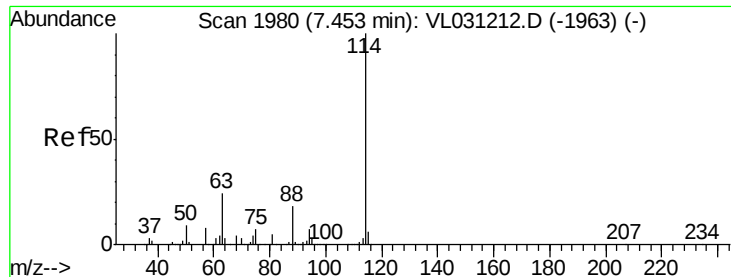
Delta R.T. -0.00 min

Lab File: VL031283.D

Acq: 20 Dec 2017 23:59

Tgt Ion:	97	Resp:	14119
Ion	Ratio	Lower	Upper
97	100		
99	67.6	51.4	77.0
61	59.9	38.4	57.6#





#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.46 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VL031283.D

Acq: 20 Dec 2017 23:59

Instrument :

MSVOA_L

ClientSampleId :

EP1-SV-5

Tot Ion:114 Resp: 3705028

Ion Ratio Lower Upper

114 100

63 25.4 19.8 29.8

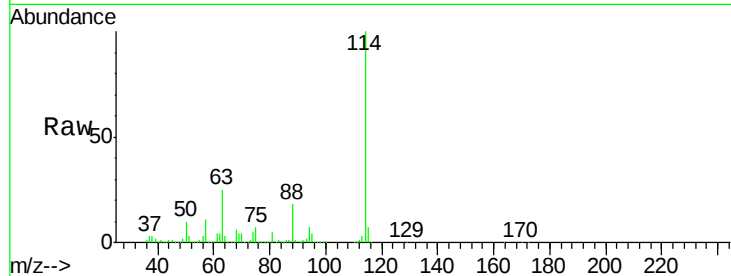
88 17.9 14.2 21.4

Manual Integrations

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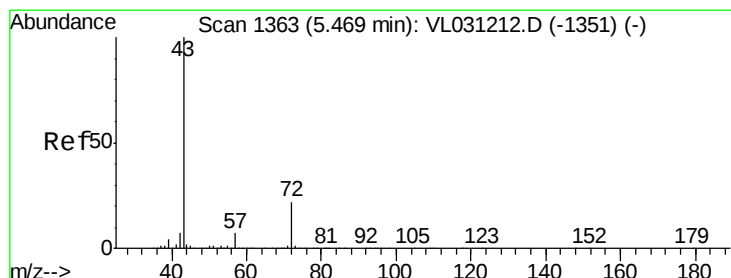
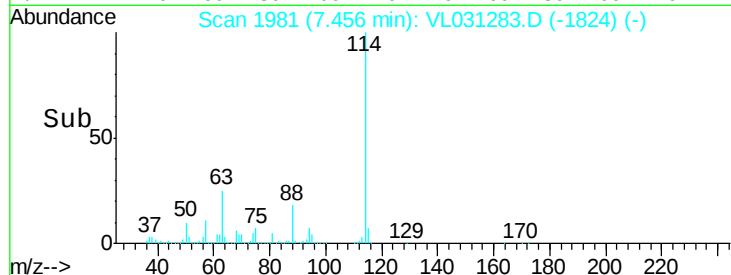
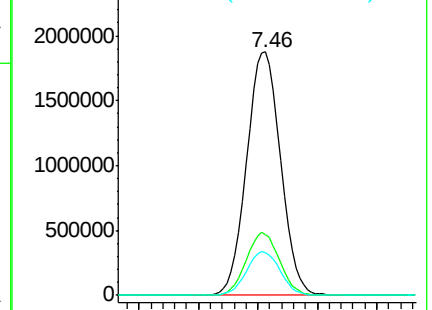
12/22/2017 4:55:00 PM



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: 40.87 ppbv

RT: 5.47 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VL031283.D

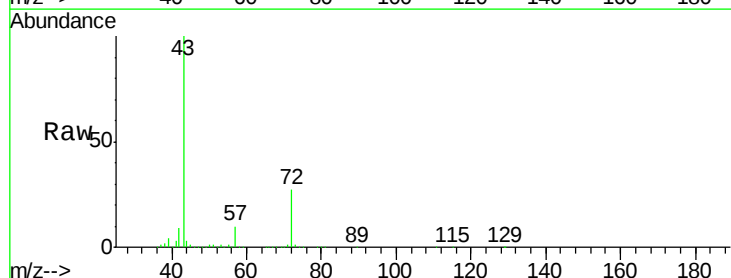
Acq: 20 Dec 2017 23:59

Tgt Ion: 43 Resp:10693534

Ion Ratio Lower Upper

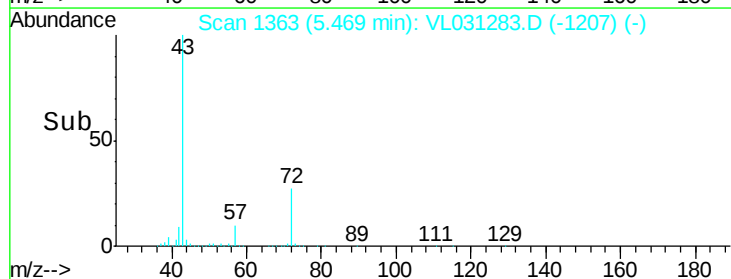
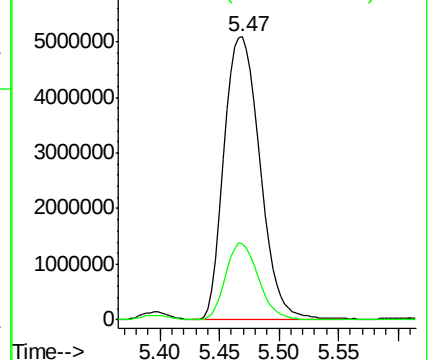
43 100

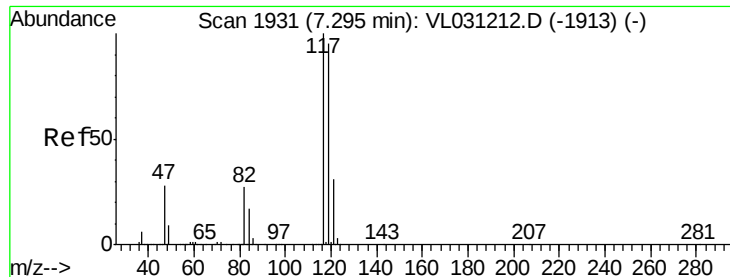
72 24.9 18.1 27.1



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





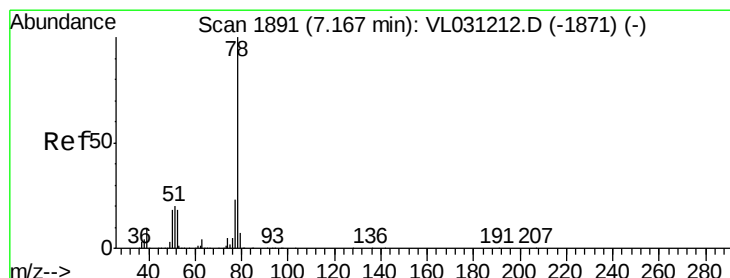
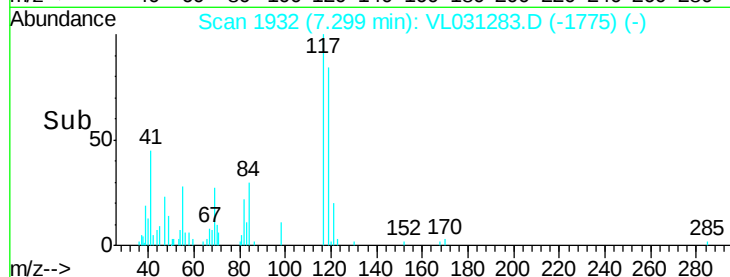
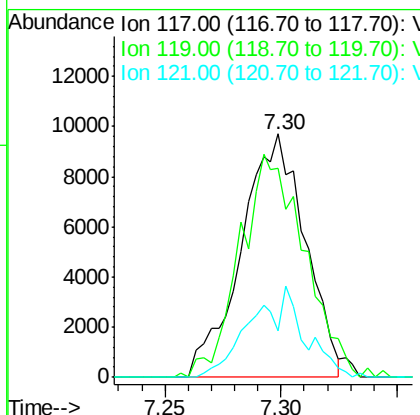
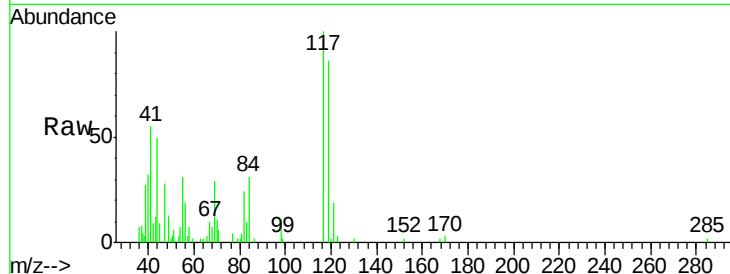
#35
Carbon Tetrachloride
Concen: 0.07 ppbv
RT: 7.30 min Scan# 1932
Delta R.T. 0.00 min
Lab File: VL031283.D
Acq: 20 Dec 2017 23:59

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-5

Tot Ion	Ratio	Lower	Upper
117	100		
119	86.0	75.9	113.9
121	19.1	24.6	37.0

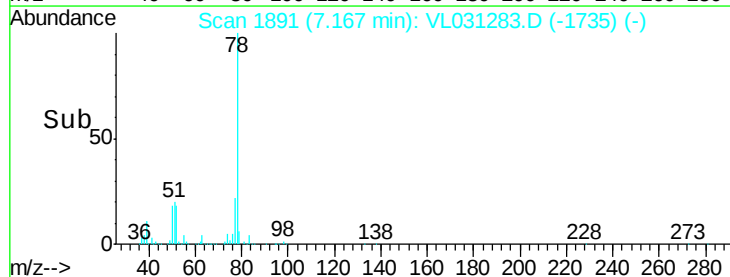
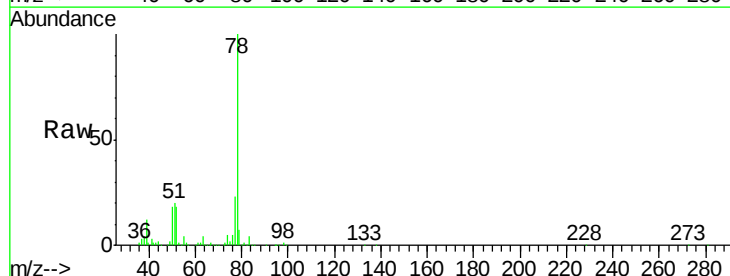
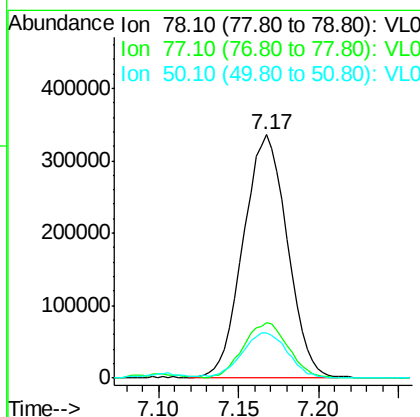
Manual Integrations
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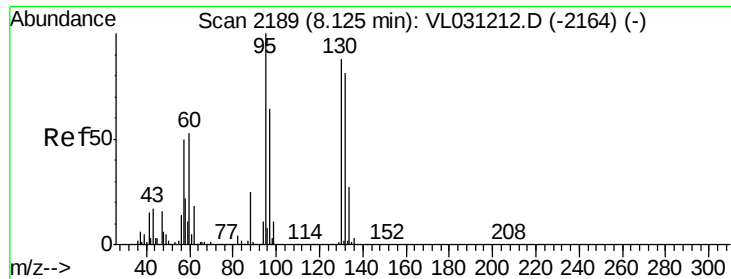
MMDadoda
12/22/2017 4:55:00 PM



#36
Benzene
Concen: 1.61 ppbv
RT: 7.17 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VL031283.D
Acq: 20 Dec 2017 23:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.1	27.1
50	18.3	14.6	21.8





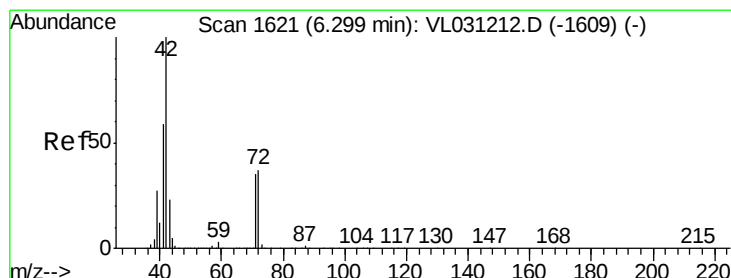
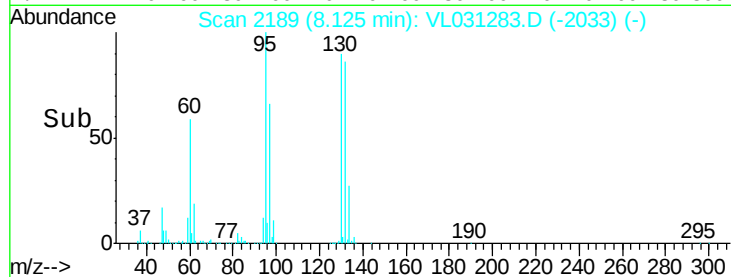
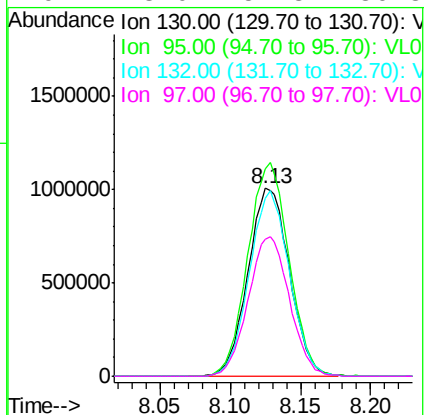
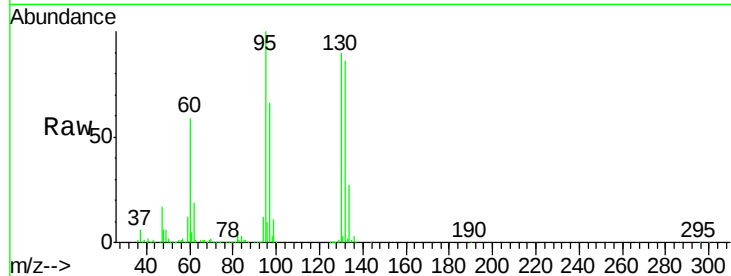
#38
 Trichloroethene
 Concen: 13.52 ppbv
 RT: 8.13 min Scan# 2189
 Delta R.T. 0.00 min
 Lab File: VL031283.D
 Acq: 20 Dec 2017 23:59

Instrument :
 MSVOA_L
 ClientSampleId :
 EP1-SV-5

Tot Ion	Ion	Ratio	Lower	Upper
2071036	130	100		
	95	110.5	90.6	135.8
	132	94.5	73.5	110.3
	97	73.0	57.8	86.8

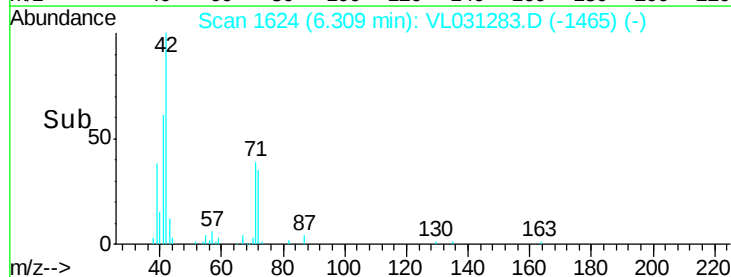
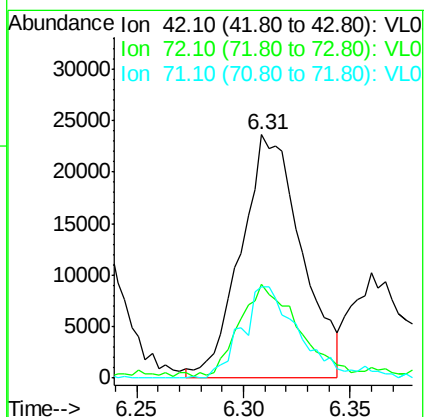
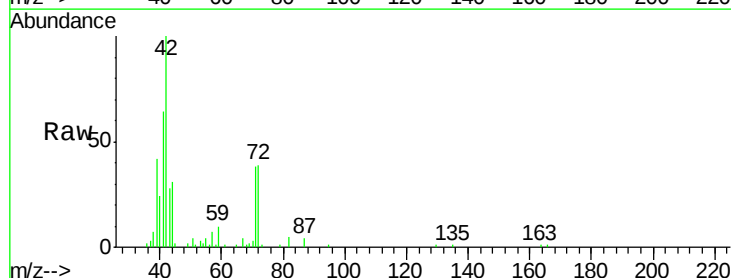
Manual Integrations
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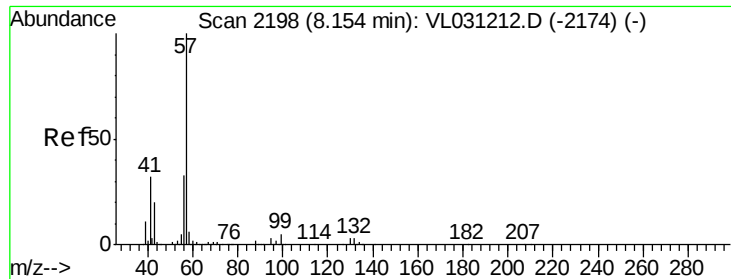
MMDadoda
 12/22/2017 4:55:00 PM



#41
 Tetrahydrofuran
 Concen: 0.32 ppbv m
 RT: 6.31 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: VL031283.D
 Acq: 20 Dec 2017 23:59

Tgt Ion	Ion	Ratio	Lower	Upper
46703	42	100		
	72	38.5	30.2	45.4
	71	36.6	29.0	43.6





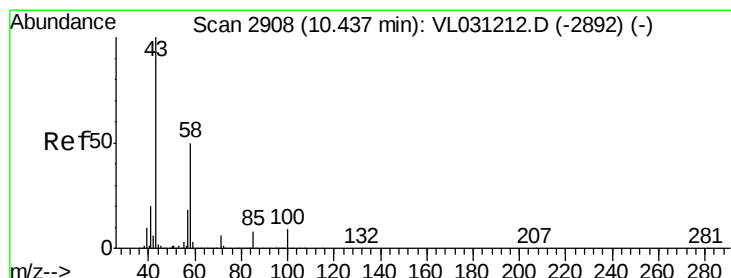
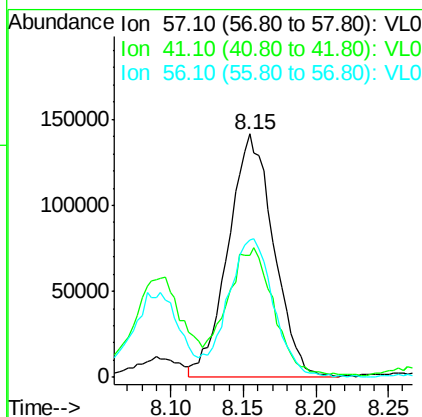
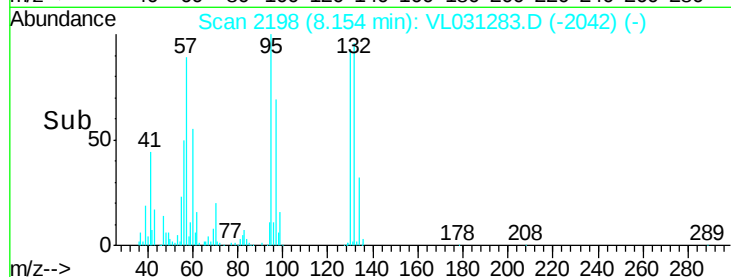
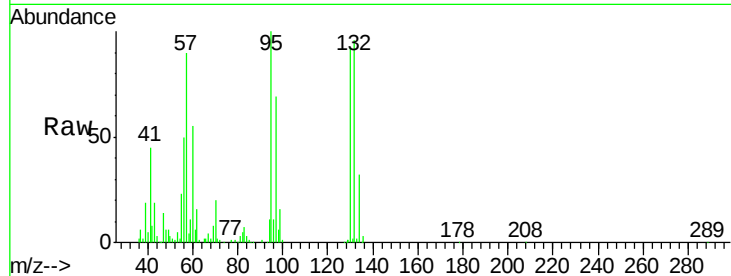
#44
2,2,4-Trimethylpentane
Concen: 0.52 ppbv
RT: 8.15 min Scan# 2198
Delta R.T. 0.00 min
Lab File: VL031283.D
Acq: 20 Dec 2017 23:59

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-5

Tot Ion	Ratio	Lower	Upper
57	100		
41	54.5	25.5	38.3#
56	56.8	25.0	37.6#

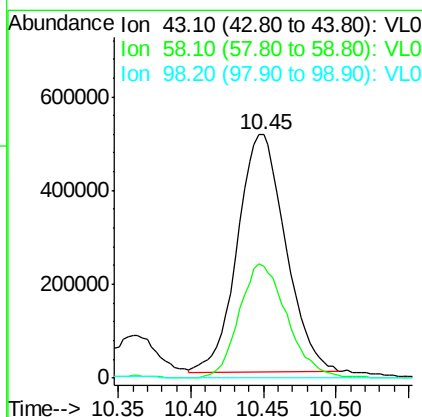
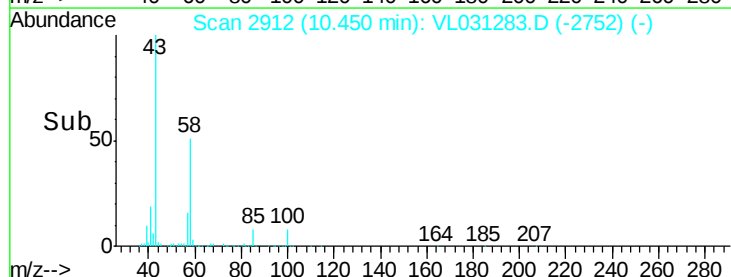
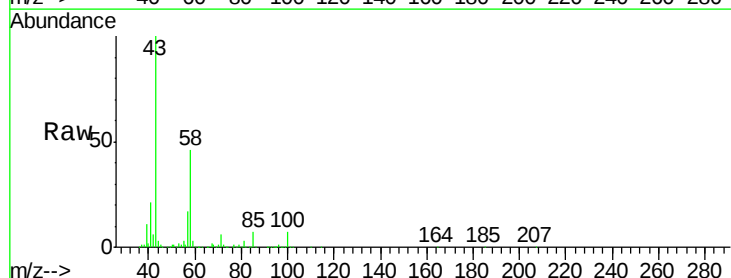
Manual Integrations
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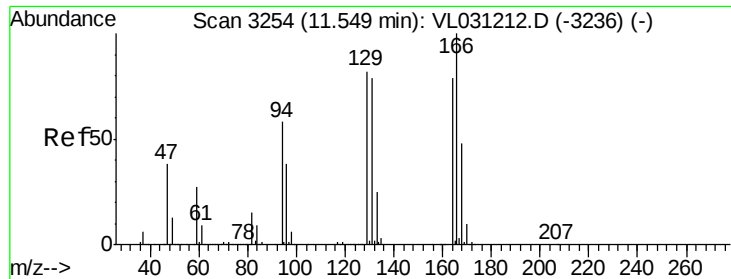
MMDadoda
12/22/2017 4:55:00 PM



#51
2-Hexanone
Concen: 3.84 ppbv
RT: 10.45 min Scan# 2912
Delta R.T. 0.01 min
Lab File: VL031283.D
Acq: 20 Dec 2017 23:59

Tgt Ion	Ratio	Lower	Upper
43	100		
58	47.6	39.8	59.6
98	0.2	0.0	0.0#





#52

Tetrachloroethene

Concen: 139.67 ppbv

RT: 11.58 min Scan# 3265

Delta R.T. 0.04 min

Lab File: VL031283.D

Acq: 20 Dec 2017 23:59

Instrument :

MSVOA_L

ClientSampleId :

EP1-SV-5

Tot Ion:164 Resp:20234477

Ion Ratio Lower Upper

164 100

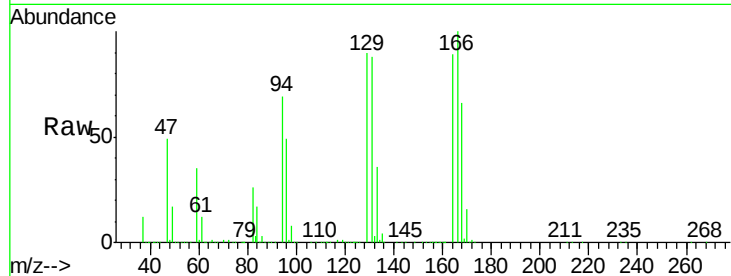
166 112.0 100.6 151.0

129 101.0 82.9 124.3

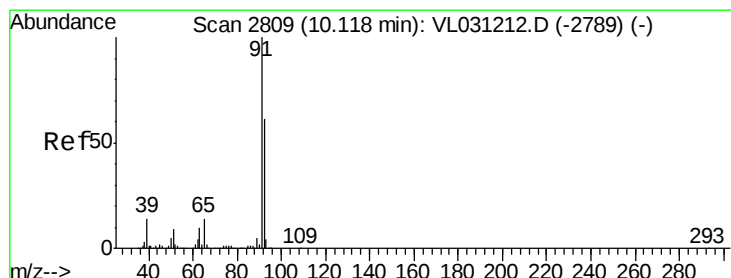
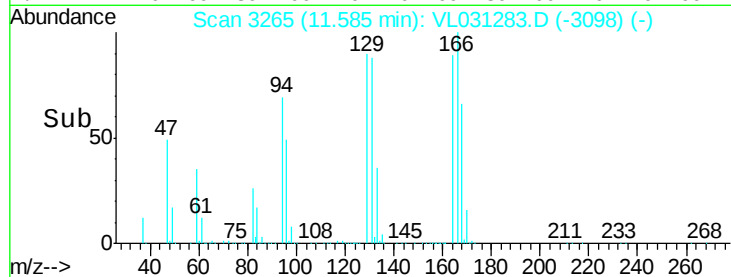
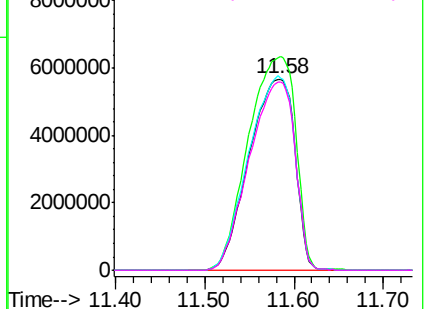
131 98.7 79.2 118.8

Manual Integrations
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Abundance Ion 163.90 (163.60 to 164.60): V
1e+07
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 4.46 ppbv

RT: 10.12 min Scan# 2809

Delta R.T. 0.00 min

Lab File: VL031283.D

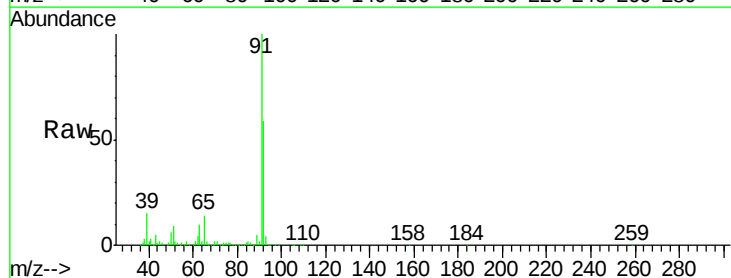
Acq: 20 Dec 2017 23:59

Tgt Ion: 91 Resp: 1899002

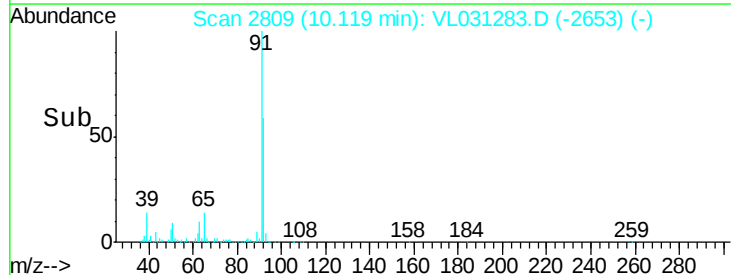
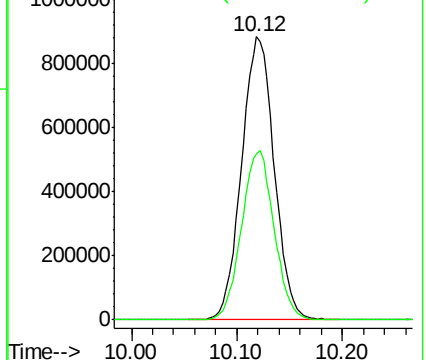
Ion Ratio Lower Upper

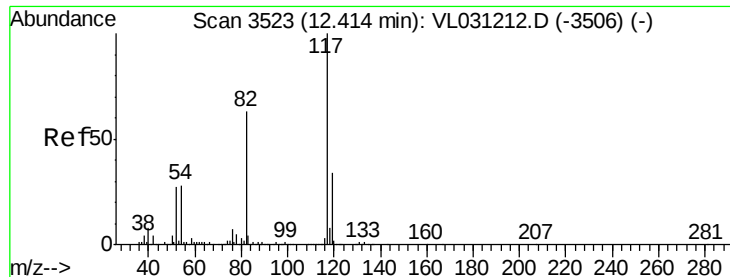
91 100

92 59.6 49.1 73.7



Abundance Ion 91.10 (90.80 to 91.80): VL0
1000000
Ion 92.10 (91.80 to 92.80): VL0





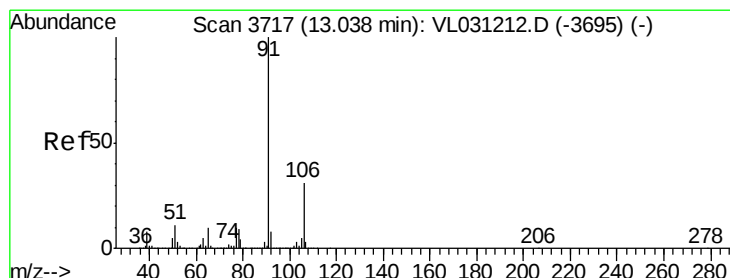
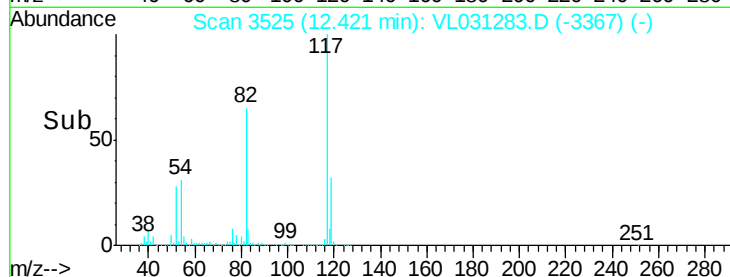
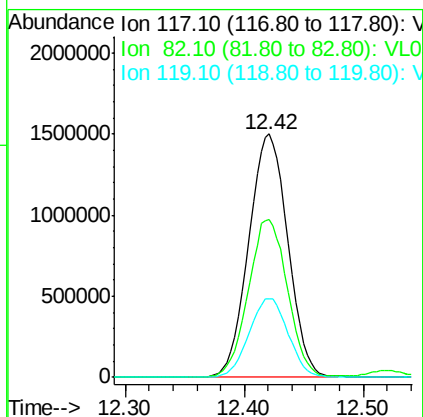
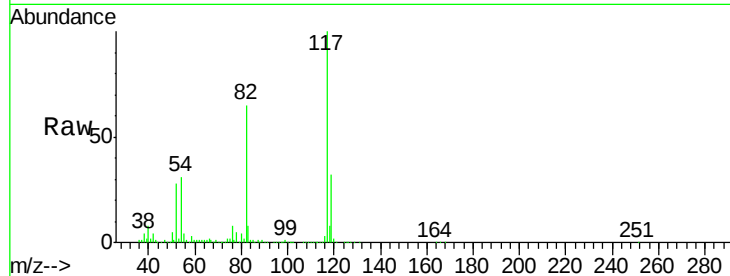
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.42 min Scan# 3525
Delta R.T. 0.01 min
Lab File: VL031283.D
Acq: 20 Dec 2017 23:59

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-5

Tot Ion	Ratio	Lower	Upper
117	100		
82	65.2	48.1	72.1
119	32.6	23.1	34.7

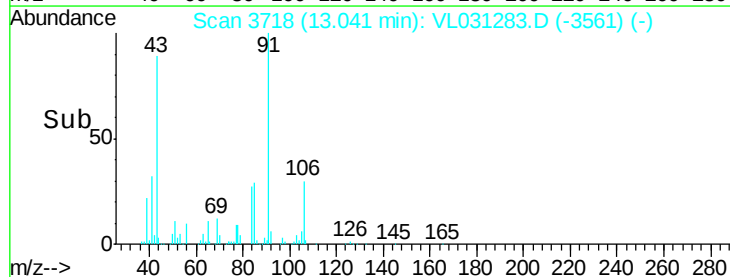
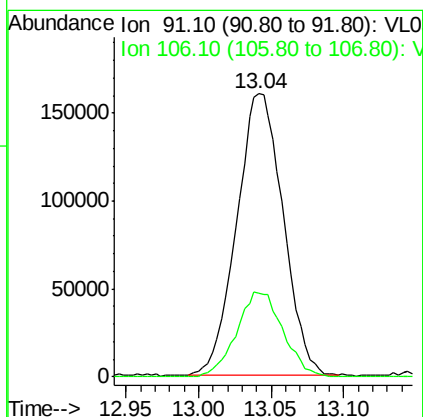
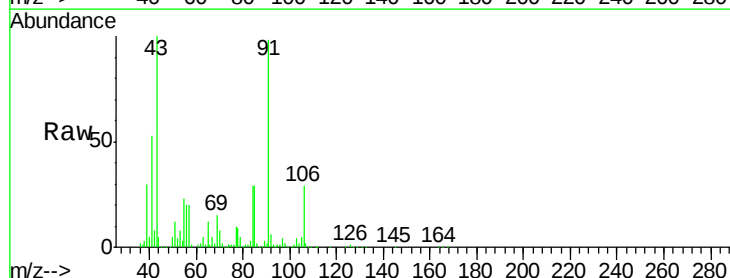
Manual Integrations
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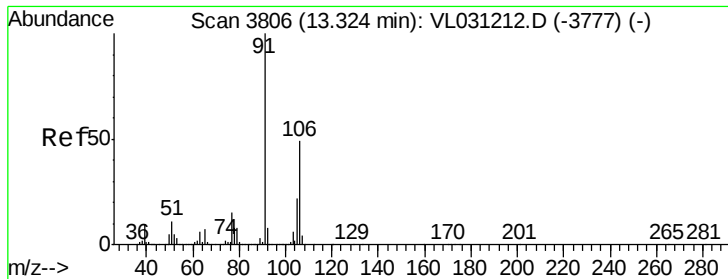
MMDadoda
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#58
Ethyl Benzene
Concen: 0.64 ppbv
RT: 13.04 min Scan# 3718
Delta R.T. 0.00 min
Lab File: VL031283.D
Acq: 20 Dec 2017 23:59

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.7	25.1	37.7





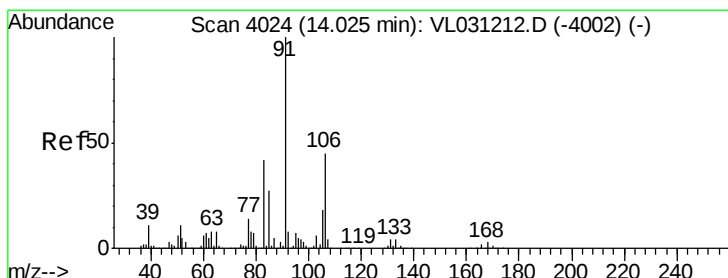
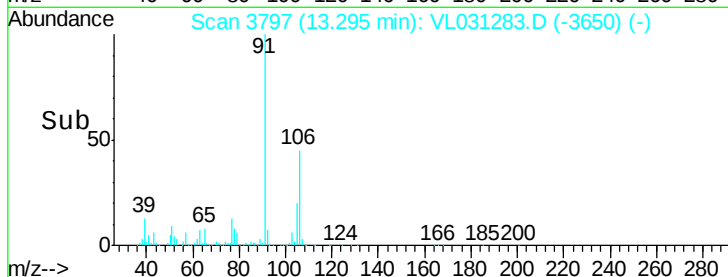
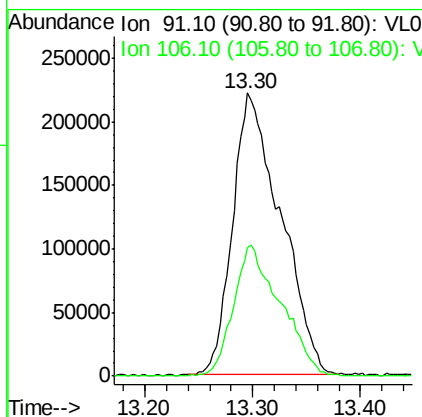
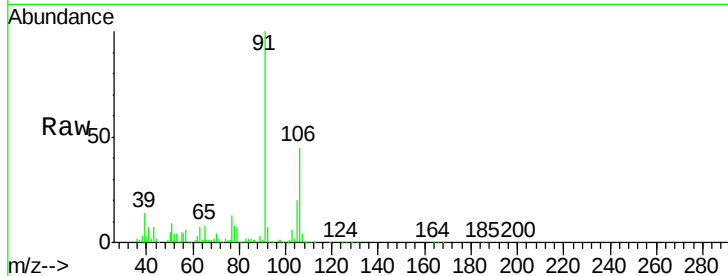
#59
m/p-Xylene
Concen: 1.52 ppbv
RT: 13.30 min Scan# 3797
Delta R.T. -0.03 min
Lab File: VL031283.D
Acq: 20 Dec 2017 23:59

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-5

Tot Ion: 91 Resp: 684667
Ion Ratio Lower Upper
91 100
106 45.6 38.5 57.7

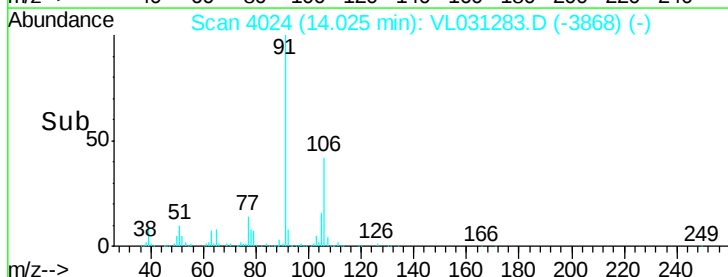
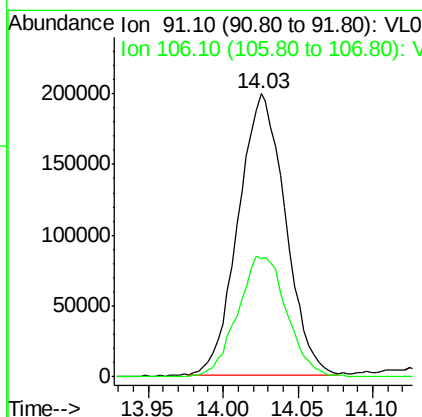
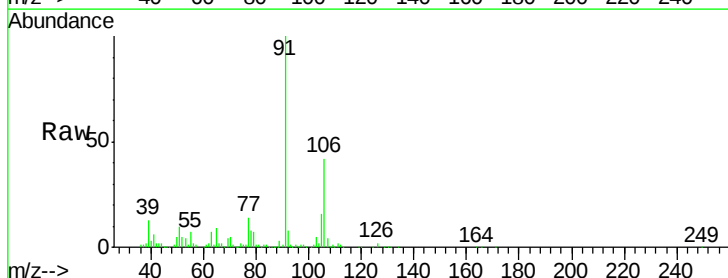
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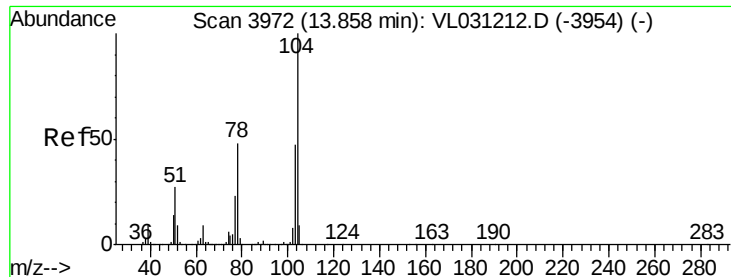
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#60
o-Xylene
Concen: 0.96 ppbv
RT: 14.03 min Scan# 4024
Delta R.T. 0.00 min
Lab File: VL031283.D
Acq: 20 Dec 2017 23:59

Tgt Ion: 91 Resp: 434747
Ion Ratio Lower Upper
91 100
106 44.8 22.7 68.1





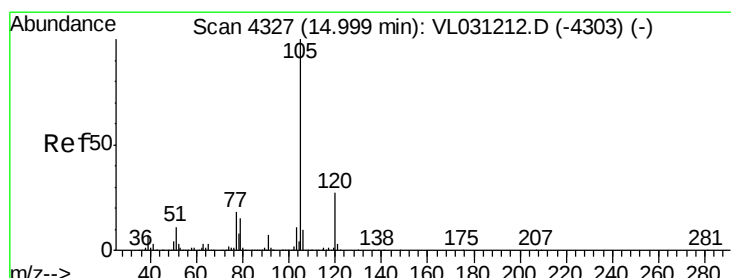
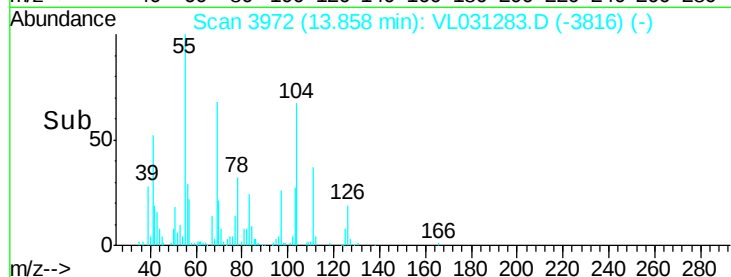
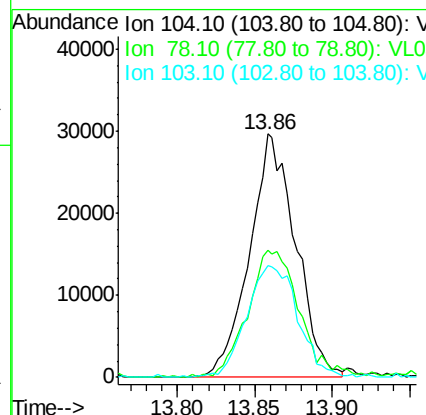
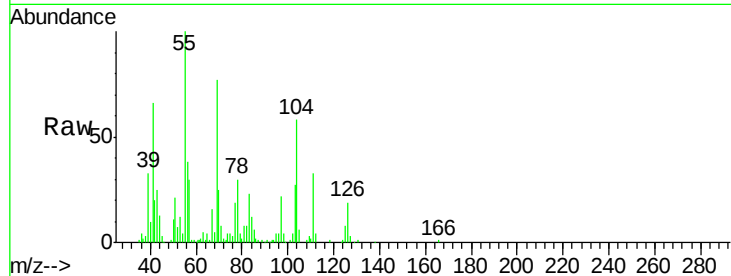
#61
Stvrene
Concen: 0.47 ppbv
RT: 13.86 min Scan# 3972
Delta R.T. 0.00 min
Lab File: VL031283.D
Acq: 20 Dec 2017 23:59

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-5

Tot Ion	Ratio	Lower	Upper
104	100		
78	59.6	39.1	58.7#
103	51.4	37.3	55.9

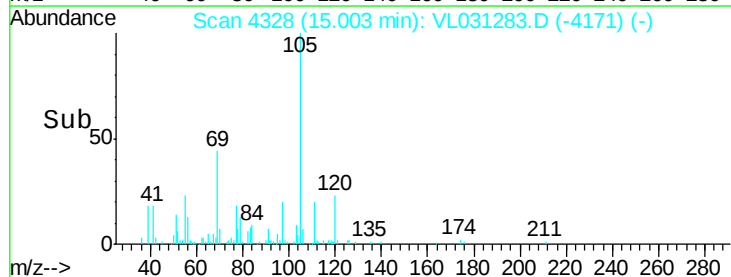
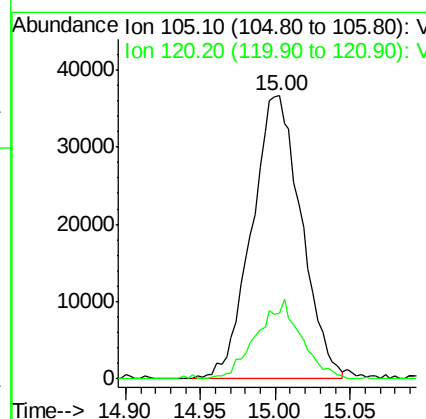
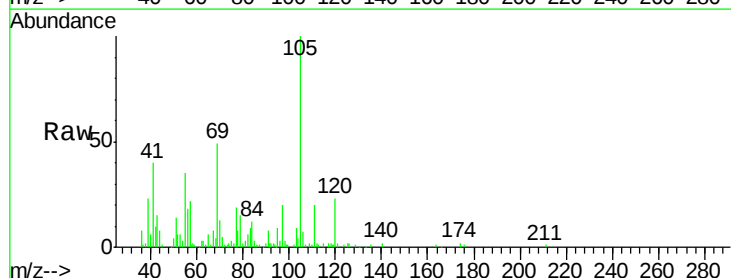
Manual Integrations
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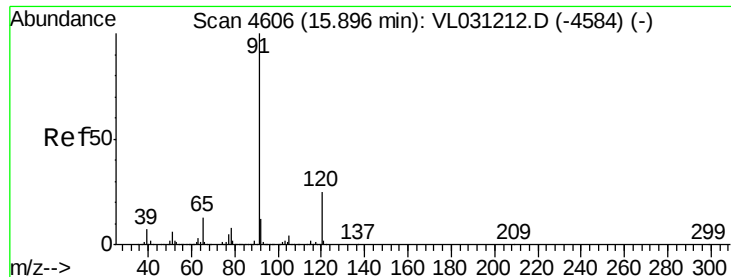
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#62
Isopropylbenzene
Concen: 0.14 ppbv
RT: 15.00 min Scan# 4328
Delta R.T. 0.00 min
Lab File: VL031283.D
Acq: 20 Dec 2017 23:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.2	21.0	31.6





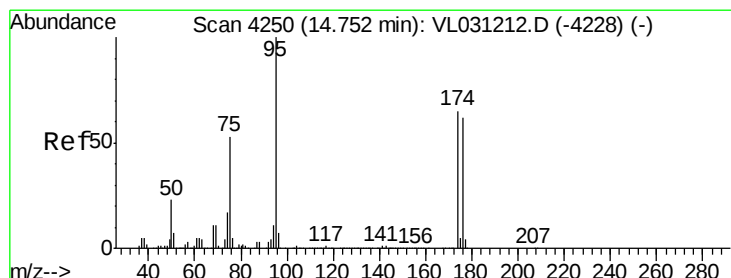
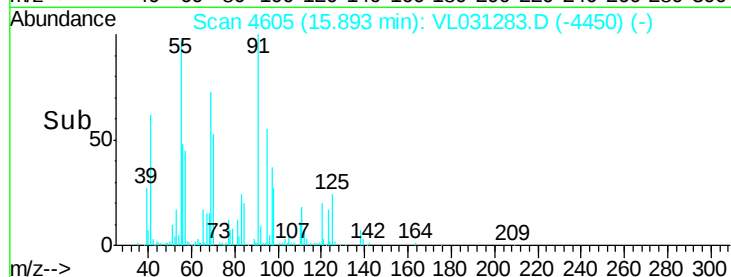
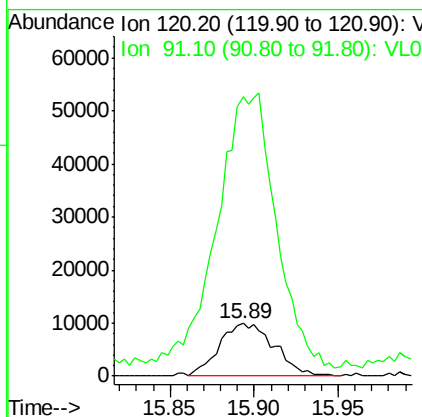
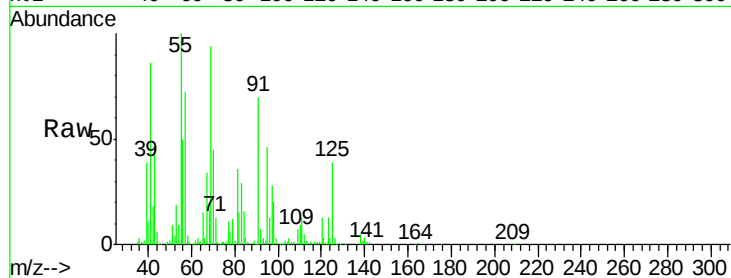
#64
n-propylbenzene
Concen: 0.14 ppbv m
RT: 15.89 min Scan# 4605
Delta R.T. -0.00 min
Lab File: VL031283.D
Acq: 20 Dec 2017 23:59

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-5

Tot Ion:120 Resp: 22715
Ion Ratio Lower Upper
120 100
91 819.4 352.1 528.1#

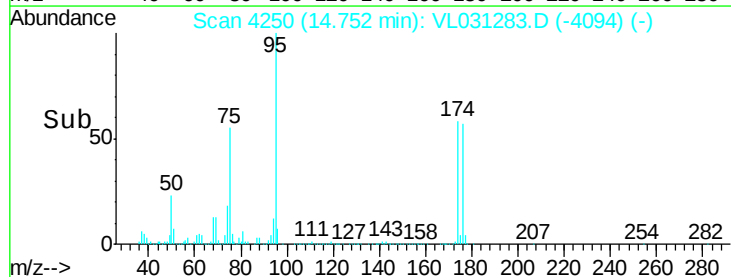
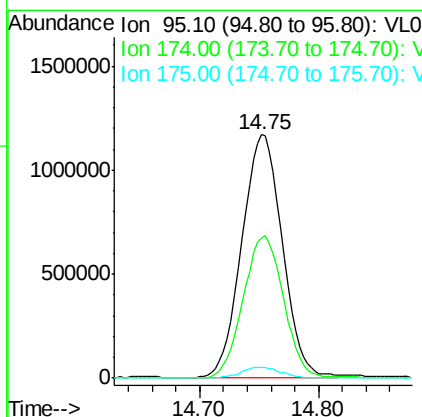
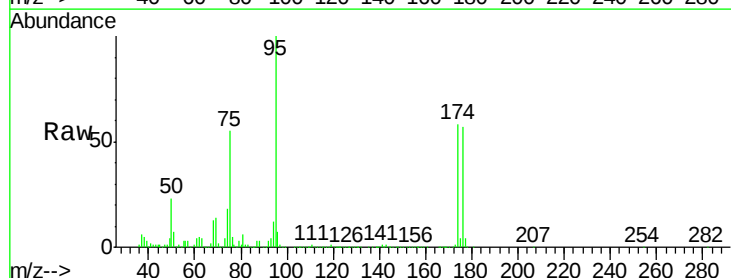
Manual Integrations
APPROVED

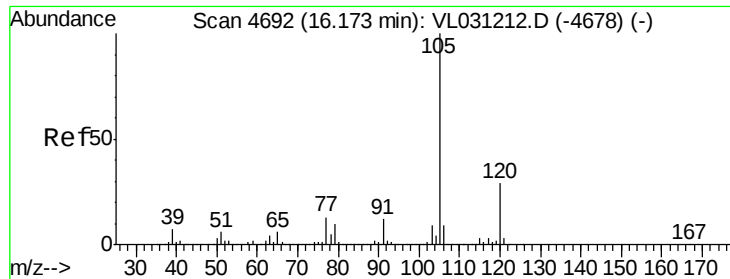
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#68
1-Bromo-4-Fluorobenzene
Concen: 11.37 ppbv
RT: 14.75 min Scan# 4250
Delta R.T. 0.00 min
Lab File: VL031283.D
Acq: 20 Dec 2017 23:59

Tgt Ion: 95 Resp: 2759685
Ion Ratio Lower Upper
95 100
174 59.0 52.5 78.7
175 4.4 4.1 6.1





#72

4-Ethyltoluene

Concen: 0.16 ppbv

RT: 16.17 min Scan# 4692

Delta R.T. 0.00 min

Lab File: VL031283.D

Acq: 20 Dec 2017 23:59

Instrument :

MSVOA_L

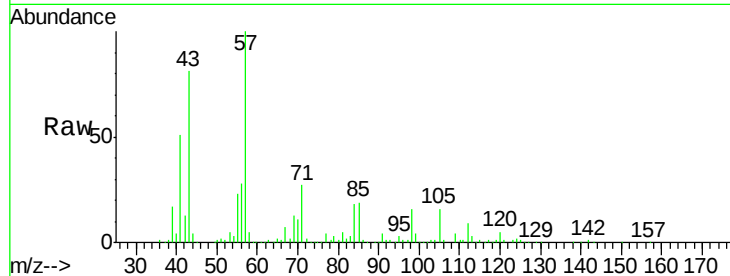
ClientSampled :

EP1-SV-5

Tot Ion	Ratio	Lower	Upper
105	100		
120	30.9	24.2	36.2
91	26.2	9.8	14.8
77	28.7	10.5	15.7

Manual Integrations
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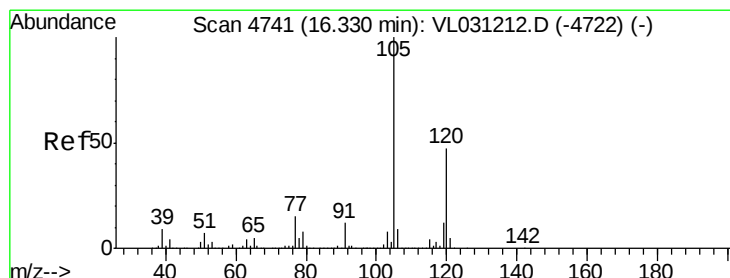
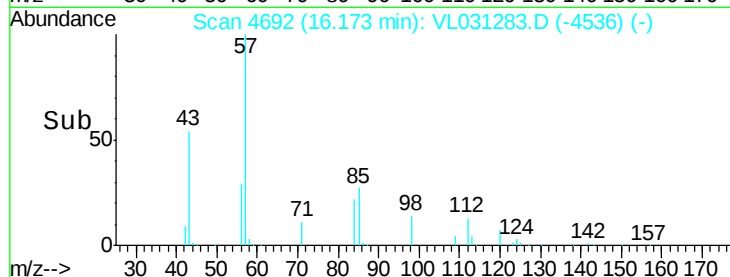
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Time-->



#73

1,3,5-Trimethylbenzene

Concen: 0.26 ppbv

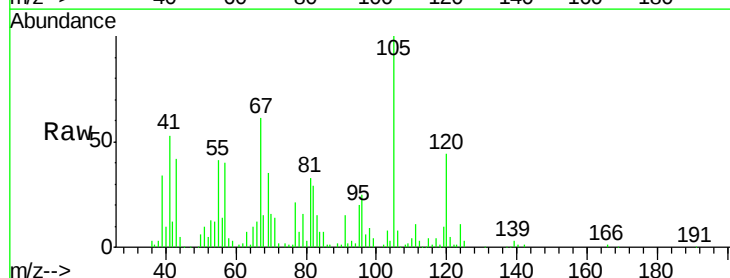
RT: 16.33 min Scan# 4740

Delta R.T. -0.00 min

Lab File: VL031283.D

Acq: 20 Dec 2017 23:59

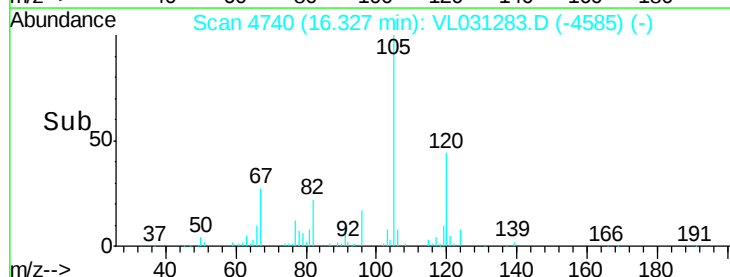
Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	37.8	56.6

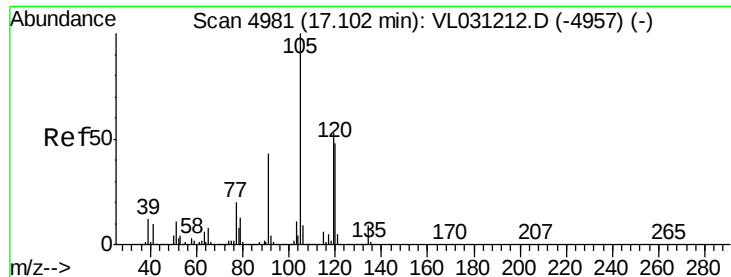


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Time-->





#74
 1,2,4-Trimethylbenzene
 Concen: 0.28 ppbv
 RT: 17.10 min Scan# 4980
 Delta R.T. -0.00 min
 Lab File: VL031283.D
 Acq: 20 Dec 2017 23:59

Instrument :
 MSVOA_L
 ClientSampleId :
 EP1-SV-5

Tot Ion	Ratio	Resp Lower	Upper
105	100		
120	49.6	38.6	58.0
91	10.5	34.2	51.4#
77	8.1	16.1	24.1#

Manual Integrations
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 12/22/2017 4:55:00 PM

