

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL122017\
 Data File : VL031293.D
 Acq On : 21 Dec 2017 6:32
 Operator : SY/AP
 Sample : I7005-11
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EP1-SV-10

Manual Integrations
 APPROVED

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

Quant Time: Dec 22 07:15:45 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	5.91	49	1429050	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.45	114	3273671	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.42	117	3121732	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.75	95	3922690	17.67	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	176.70%#

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.18	85	43945	0.36	ppbv	97
3) Chlorodifluoromethane	3.11	51	5237370	32.23	ppbv	96
4) Chloromethane	3.28	50	17113	0.19	ppbv #	87
9) Propene	3.15	41	2249788	28.21	ppbv #	75
10) Heptane	8.41	43	78203	0.32	ppbv	92
11) Trichlorofluoromethane	4.13	101	63144	0.32	ppbv	92
13) Ethanol	3.77	45	128747	5.60	ppbv	96
15) Acetone	4.02	43	3486039	18.48	ppbv #	80
17) tert-Butyl alcohol	4.50	59	78060	0.74	ppbv #	73
20) Methylene Chloride	4.54	84	22783	0.37	ppbv	88
26) Hexane	5.93	57	115161	0.63	ppbv #	5
27) Carbon Disulfide	4.76	76	40856	0.22	ppbv #	93
28) Methyl tert-Butyl Ether	5.25	73	81601	0.34	ppbv	95
29) Chloroform	6.00	83	281127	1.14	ppbv	100
30) Cyclohexane	7.41	84	319394	1.98	ppbv	89
34) 2-Butanone	5.46	43	7848356	33.95	ppbv	98
35) Carbon Tetrachloride	7.30	117	61527	0.26	ppbv	92
36) Benzene	7.16	78	110414	0.32	ppbv	97
37) 1,2-Dichloroethane	6.57	62	89798	0.47	ppbv	99
38) Trichloroethene	8.12	130	42088m	0.31	ppbv	
41) Tetrahydrofuran	6.30	42	466762	3.59	ppbv	99
42) Bromodichloromethane	8.08	83	42367	0.19	ppbv #	58
44) 2,2,4-Trimethylpentane	8.15	57	200228	0.38	ppbv #	1
51) 2-Hexanone	10.44	43	507475	1.88	ppbv #	99
52) Tetrachloroethene	11.55	164	3464345	27.06	ppbv	96
53) Toluene	10.12	91	955910	2.54	ppbv	100
58) Ethyl Benzene	13.04	91	612580	1.19	ppbv	99
59) m/p-Xylene	13.30	91	906474m	2.20	ppbv	
60) o-Xylene	14.03	91	327025	0.79	ppbv	97
61) Styrene	13.87	104	84381m	0.71	ppbv	
62) Isopropylbenzene	15.01	105	1999935	3.67	ppbv	98
64) n-propylbenzene	15.91	120	513963	3.55	ppbv	78
65) tert-Butylbenzene	17.10	119	290141	0.60	ppbv #	59
67) sec-Butylbenzene	17.65	105	1186874	1.79	ppbv	99
72) 4-Ethyltoluene	16.19	105	196467	0.43	ppbv #	48
73) 1,3,5-Trimethylbenzene	16.35	105	159530	0.39	ppbv	95
74) 1,2,4-Trimethylbenzene	17.11	105	405384	0.95	ppbv	93

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

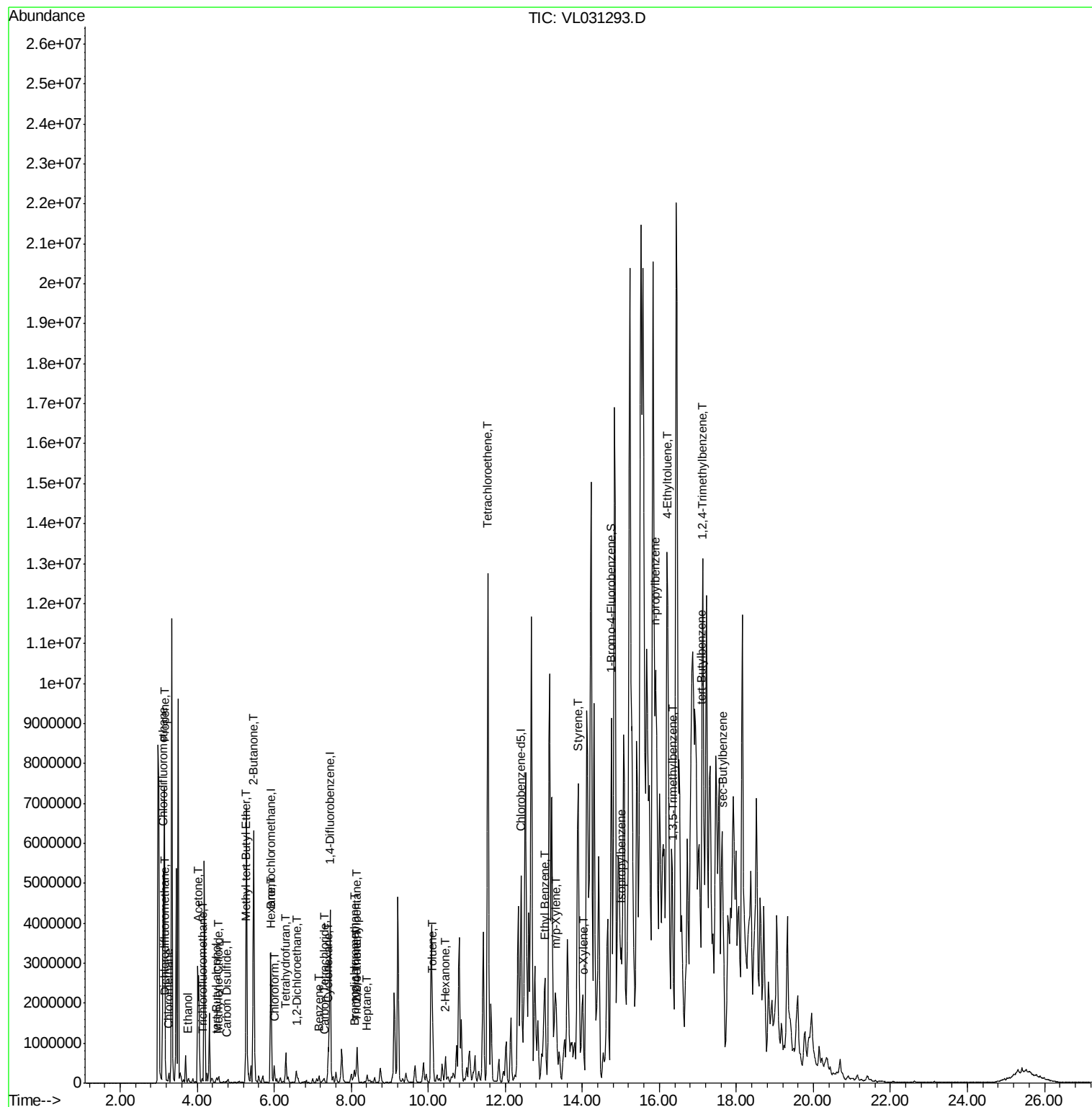
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL122017\
Data File : VL031293.D
Acq On : 21 Dec 2017 6:32
Operator : SY/AP
Sample : I7005-11
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

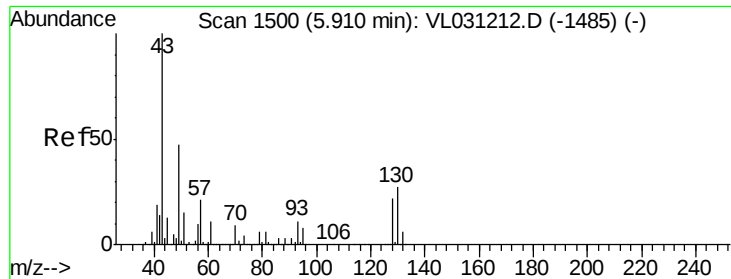
Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-10

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

Quant Time: Dec 22 07:15:45 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

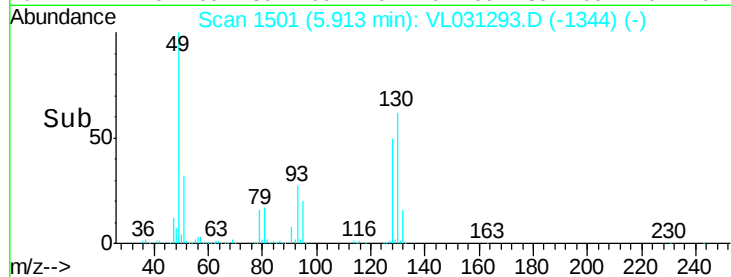
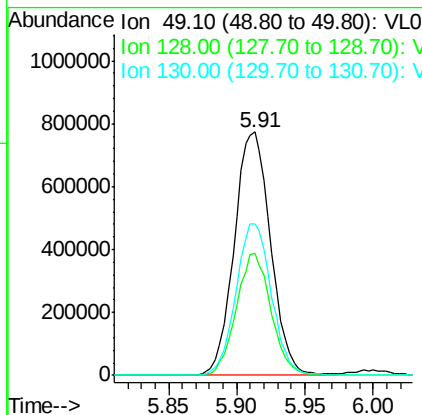
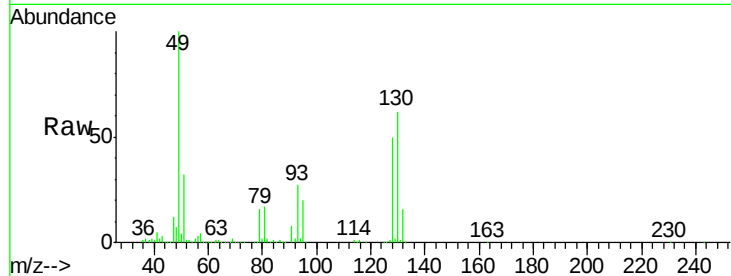
Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.91 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: VL031293.D
 Acq: 21 Dec 2017 6:32

Instrument :
 MSVOA_L
 ClientSampleId :
 EP1-SV-10

Tot Ion	Ratio	Lower	Upper
49	100		
128	48.1	23.2	69.5
130	61.5	29.6	88.8

Manual Integrations
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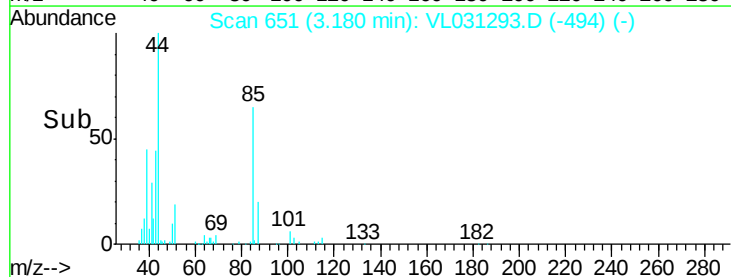
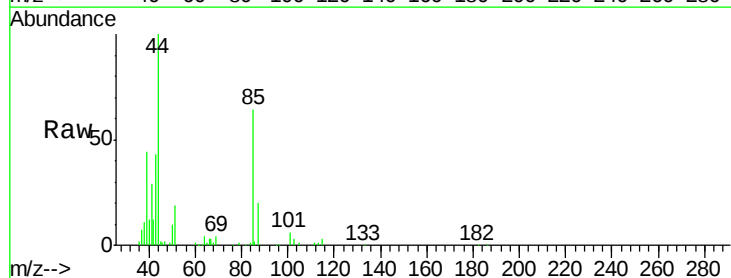
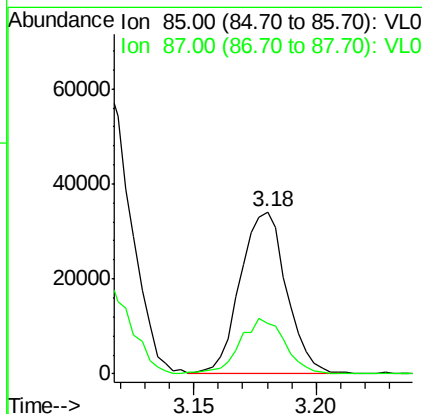
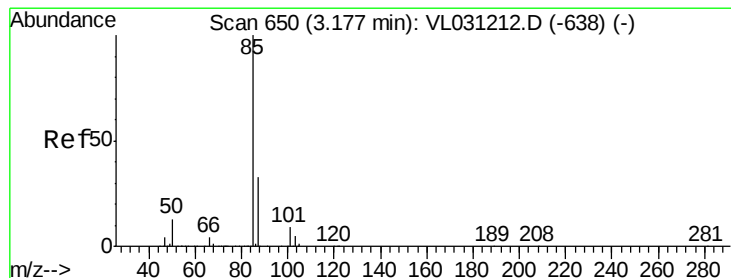
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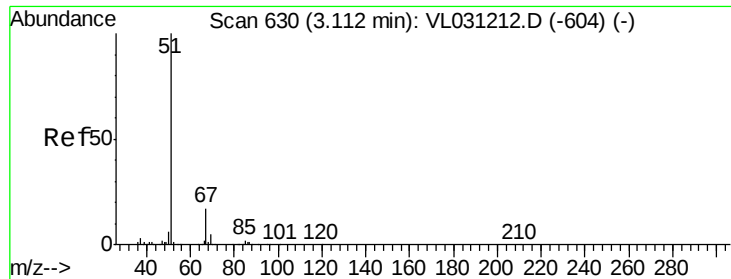


#2

Dichlorodifluoromethane
 Concen: 0.36 ppbv
 RT: 3.18 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: VL031293.D
 Acq: 21 Dec 2017 6:32

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.1	26.2	39.2





#3

Chlorodifluoromethane

Concen: 32.23 ppbv

RT: 3.11 min Scan# 630

Delta R.T. 0.00 min

Lab File: VL031293.D

Acq: 21 Dec 2017 6:32

Instrument :

MSVOA_L

ClientSampleId :

EP1-SV-10

Tot Ion: 51 Resp: 5237370

Ion Ratio Lower Upper

51 100

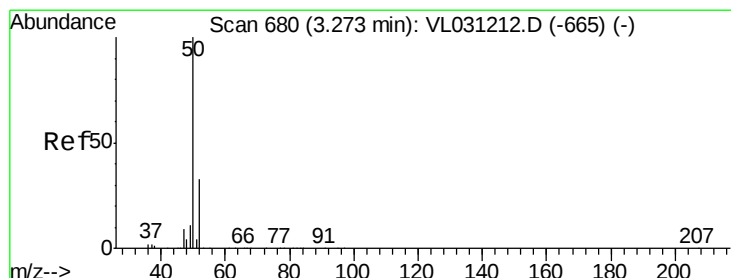
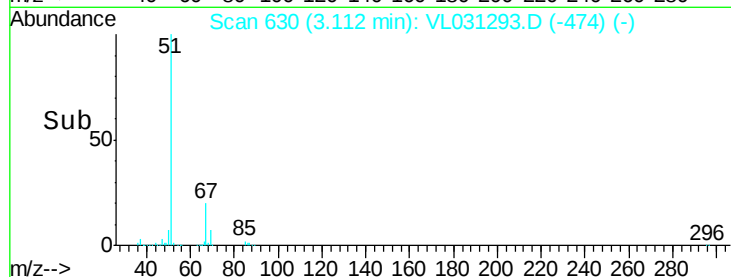
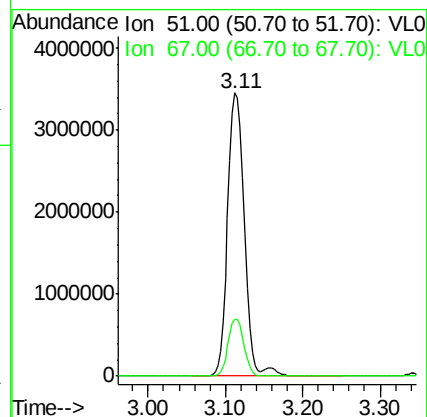
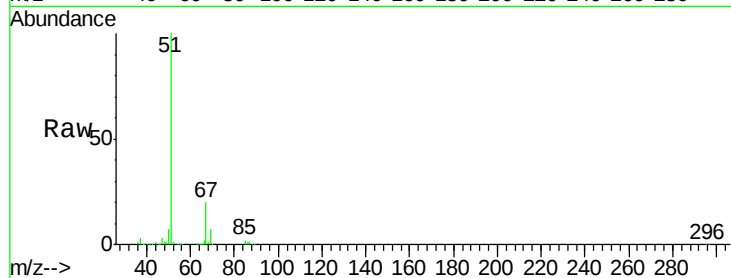
67 19.1 13.8 20.6

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#4

Chloromethane

Concen: 0.19 ppbv

RT: 3.28 min Scan# 681

Delta R.T. 0.00 min

Lab File: VL031293.D

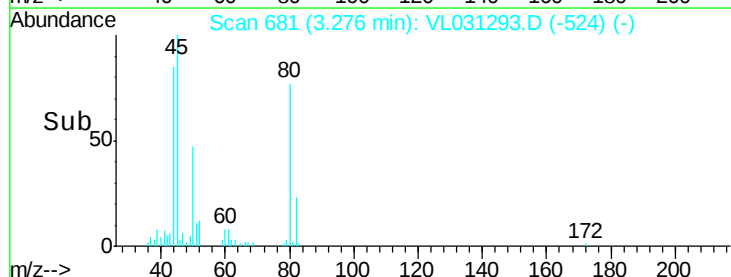
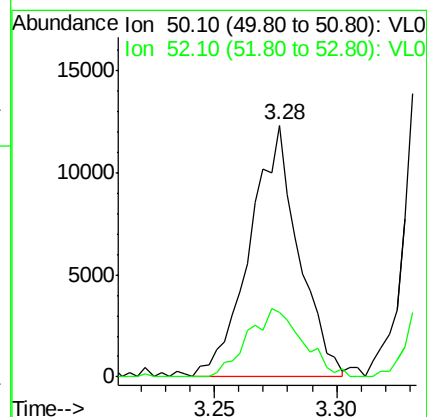
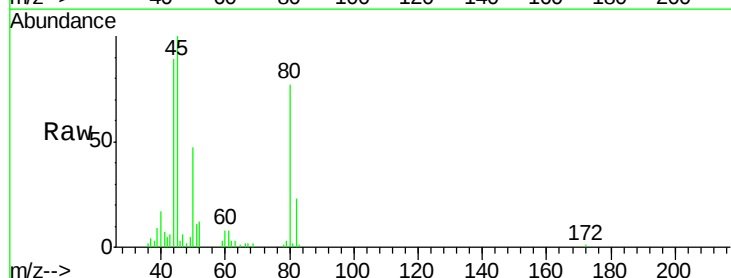
Acq: 21 Dec 2017 6:32

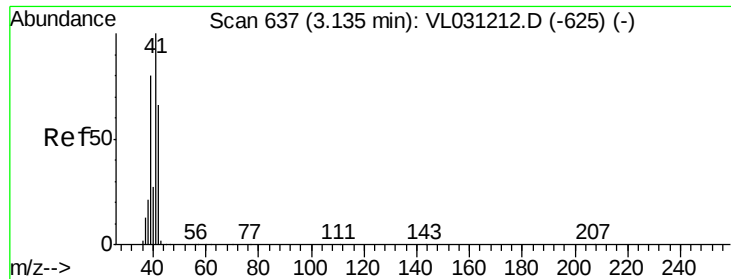
Tgt Ion: 50 Resp: 17113

Ion Ratio Lower Upper

50 100

52 25.8 26.5 39.7#





#9

Propene

Concen: 28.21 ppbv

RT: 3.15 min Scan# 641

Delta R.T. 0.01 min

Lab File: VL031293.D

Acq: 21 Dec 2017 6:32

Instrument :

MSVOA_L

ClientSampleId :

EP1-SV-10

Tot Ion: 41 Resp: 2249788

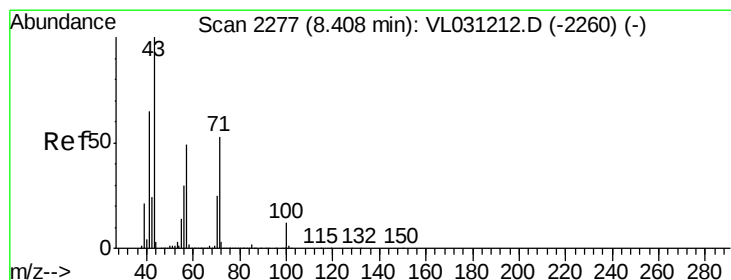
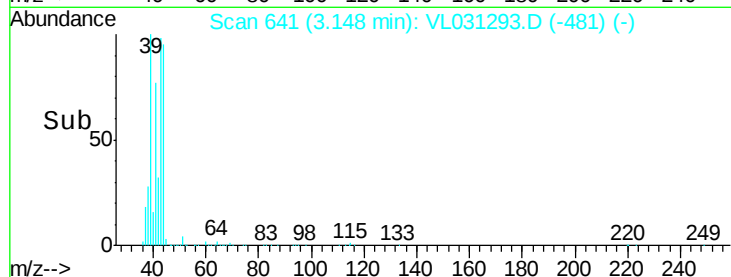
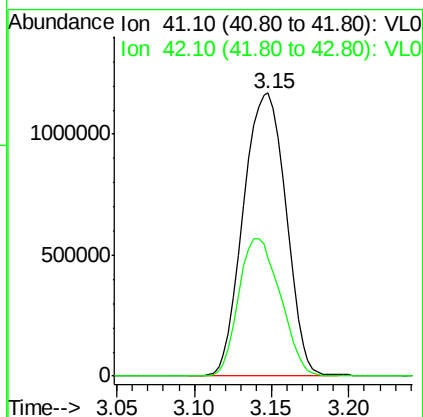
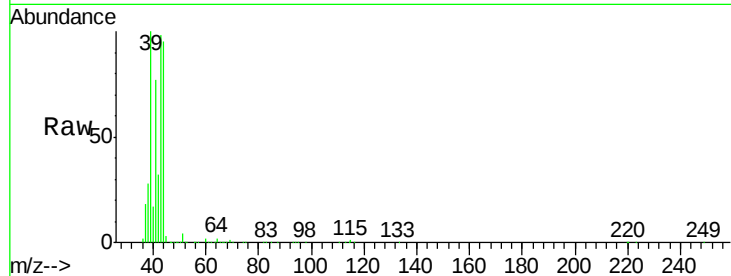
Ion Ratio Lower Upper

41 100

42 47.7 54.3 81.5#

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#10

Heptane

Concen: 0.32 ppbv

RT: 8.41 min Scan# 2277

Delta R.T. 0.00 min

Lab File: VL031293.D

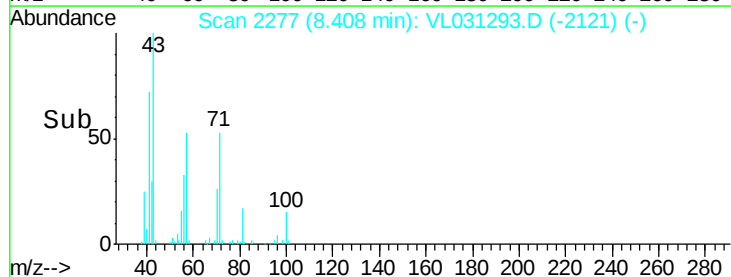
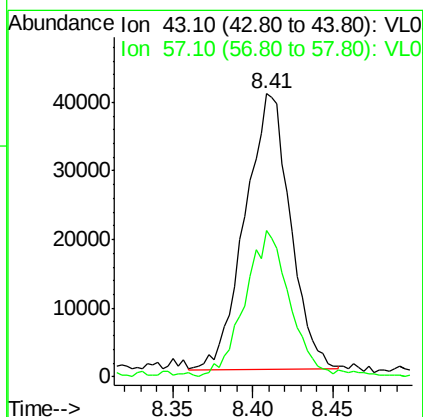
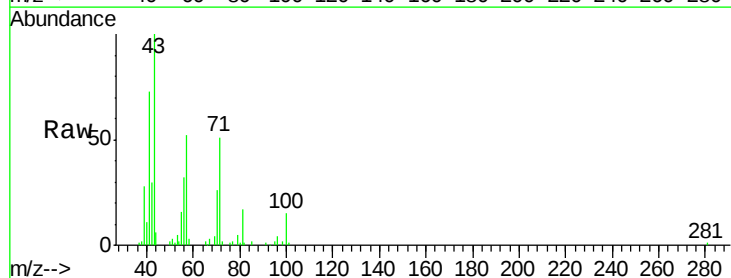
Acq: 21 Dec 2017 6:32

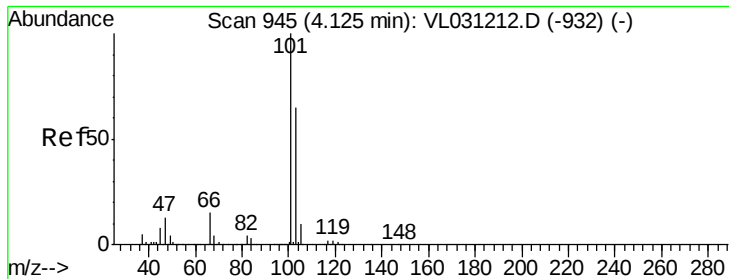
Tgt Ion: 43 Resp: 78203

Ion Ratio Lower Upper

43 100

57 55.3 39.8 59.8





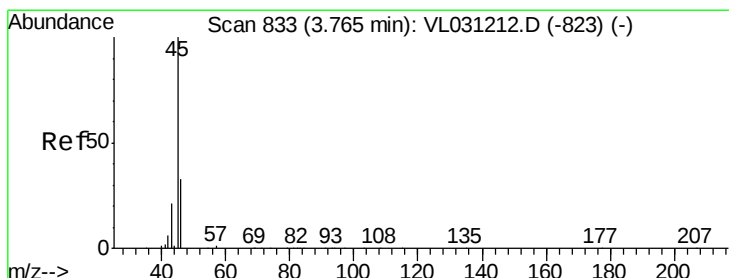
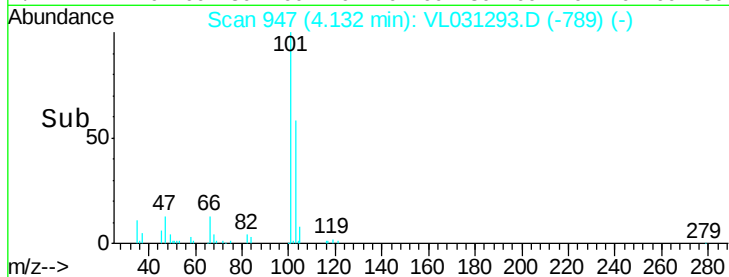
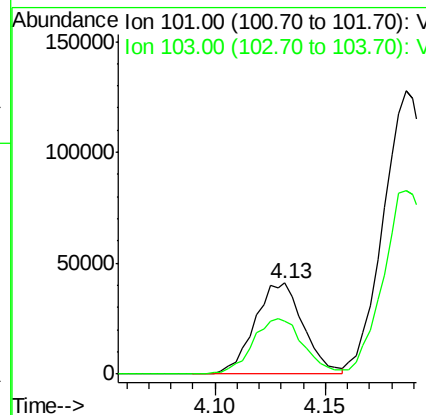
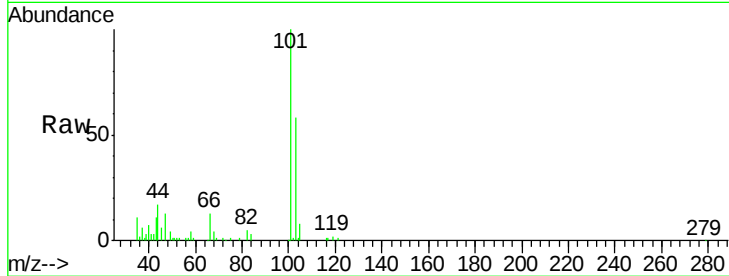
#11
Trichlorofluoromethane
Concen: 0.32 ppbv
RT: 4.13 min Scan# 947
Delta R.T. 0.01 min
Lab File: VL031293.D
Acq: 21 Dec 2017 6:32

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-10

Tot Ion:101 Resp: 63144
Ion Ratio Lower Upper
101 100
103 58.2 51.8 77.8

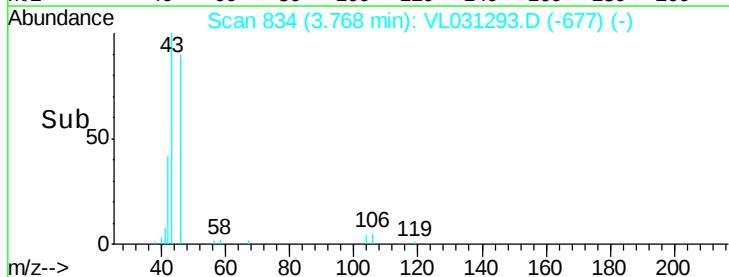
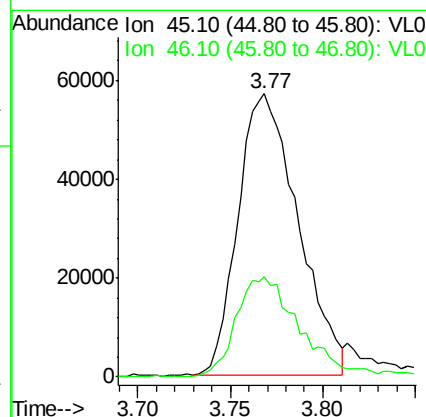
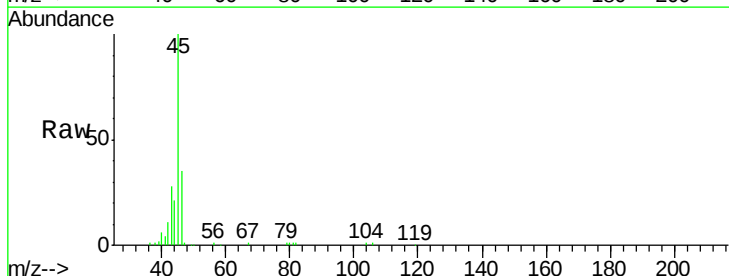
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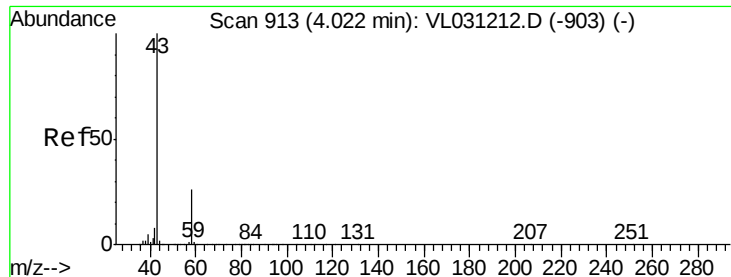
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#13
Ethanol
Concen: 5.60 ppbv
RT: 3.77 min Scan# 834
Delta R.T. 0.00 min
Lab File: VL031293.D
Acq: 21 Dec 2017 6:32

Tgt Ion: 45 Resp: 128747
Ion Ratio Lower Upper
45 100
46 38.9 14.6 58.4





#15

Acetone

Concen: 18.48 ppbv

RT: 4.02 min Scan# 912

Delta R.T. -0.00 min

Lab File: VL031293.D

Acq: 21 Dec 2017 6:32

Instrument :

MSVOA_L

ClientSampleId :

EP1-SV-10

Tot Ion: 43 Resp: 3486039

Ion Ratio Lower Upper

43 100

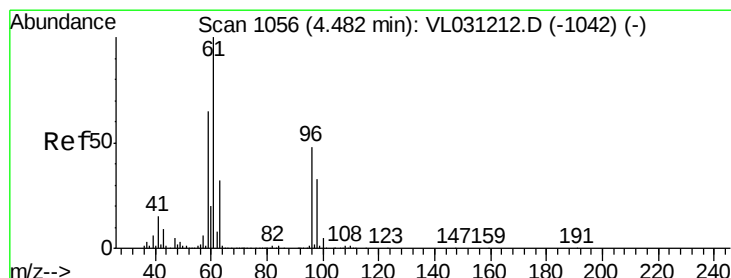
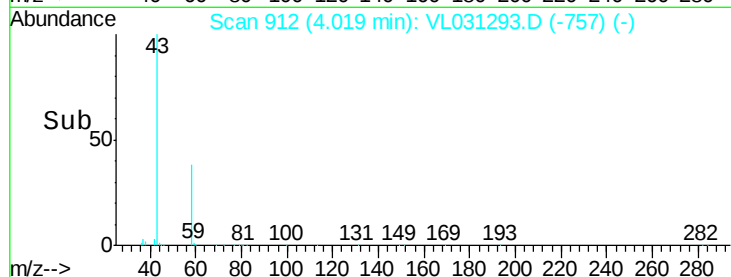
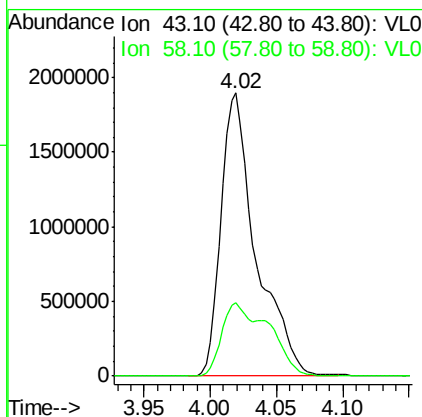
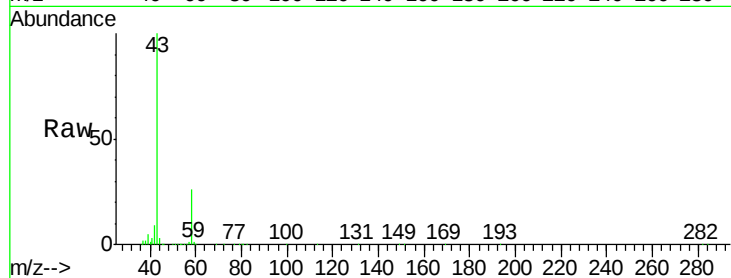
58 35.3 20.3 30.5#

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#17

tert-Butyl alcohol

Concen: 0.74 ppbv

RT: 4.50 min Scan# 1062

Delta R.T. 0.02 min

Lab File: VL031293.D

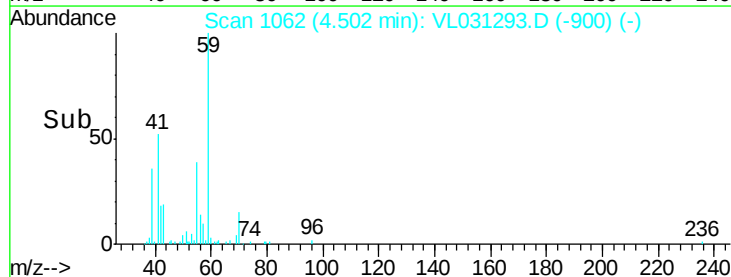
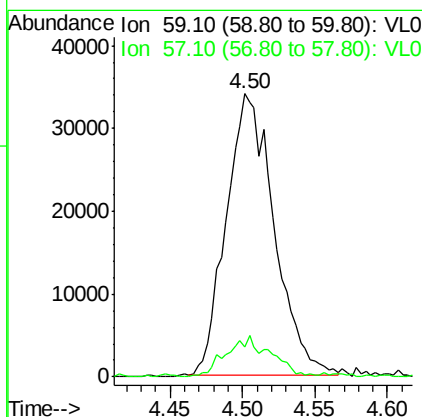
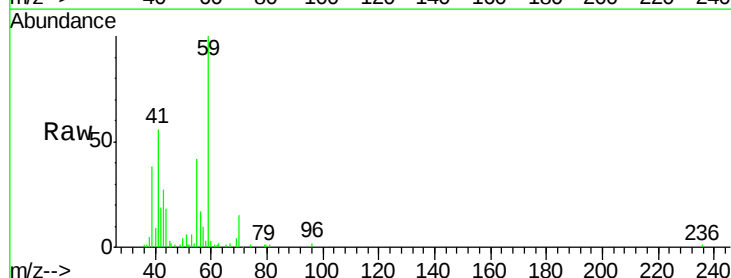
Acq: 21 Dec 2017 6:32

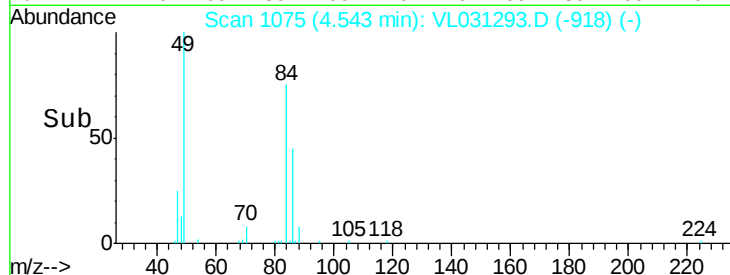
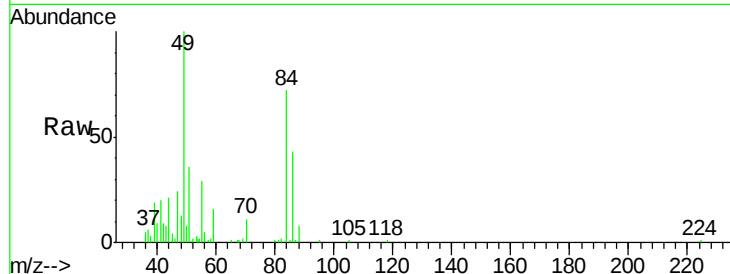
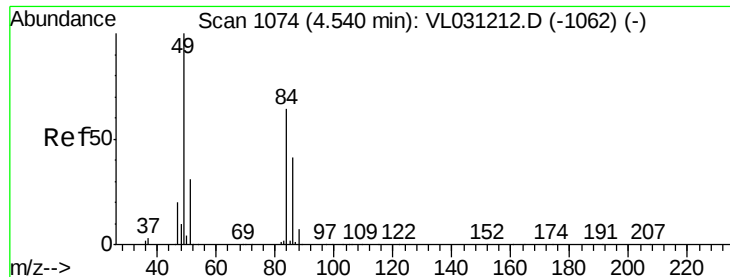
Tgt Ion: 59 Resp: 78060

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#





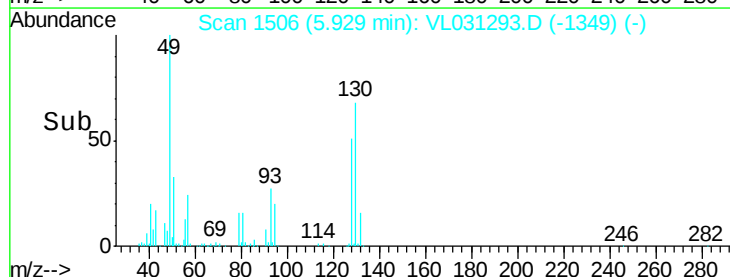
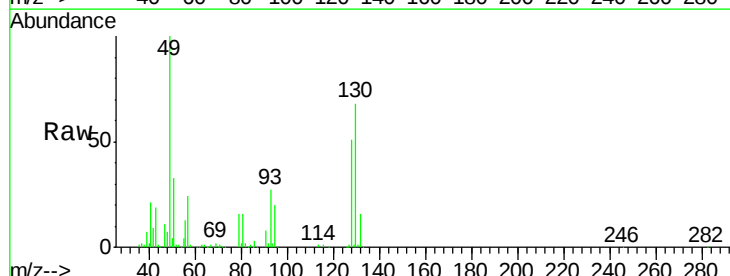
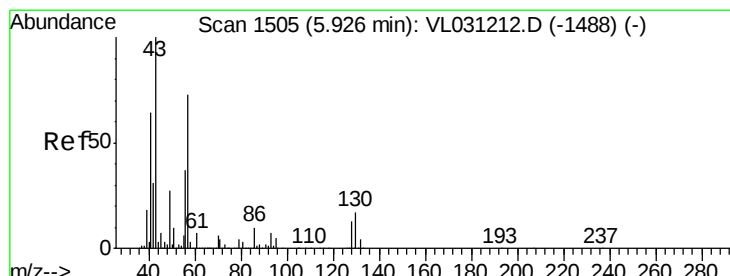
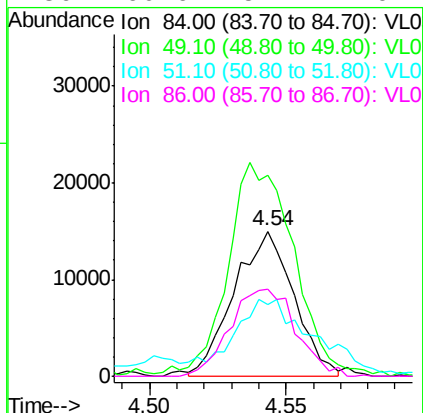
#20
Methvlene Chloride
Concen: 0.37 ppbv
RT: 4.54 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VL031293.D
Acq: 21 Dec 2017 6:32

Tot Ion	84	Resp	22783
Ion	Ratio	Lower	Upper
84	100		
49	136.7	125.8	188.6
51	41.5	39.3	58.9
86	60.6	51.1	76.7

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-10

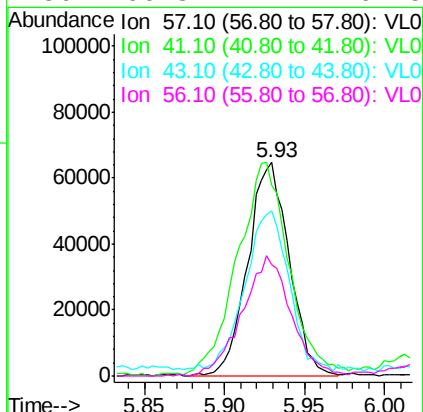
Manual Integrations
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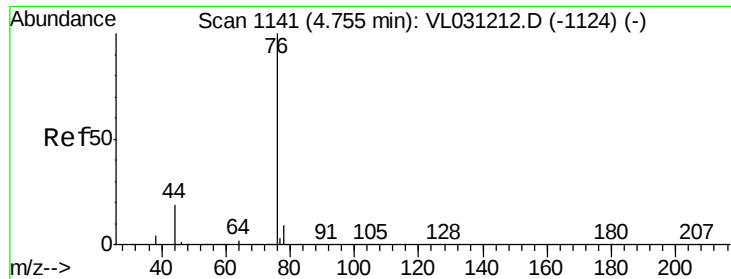
MMDadoda
12/22/2017 4:55:12 PM



#26
Hexane
Concen: 0.63 ppbv
RT: 5.93 min Scan# 1506
Delta R.T. 0.00 min
Lab File: VL031293.D
Acq: 21 Dec 2017 6:32

Tgt Ion	57	Resp	115161
Ion	Ratio	Lower	Upper
57	100		
41	124.4	70.3	105.5#
43	0.0	173.8	260.8#
56	66.3	41.7	62.5#





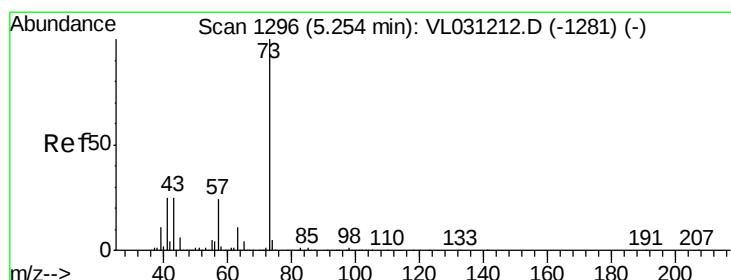
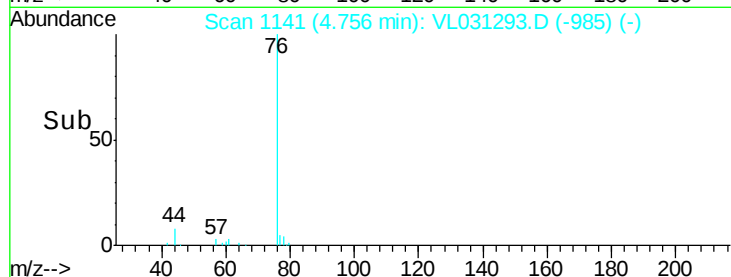
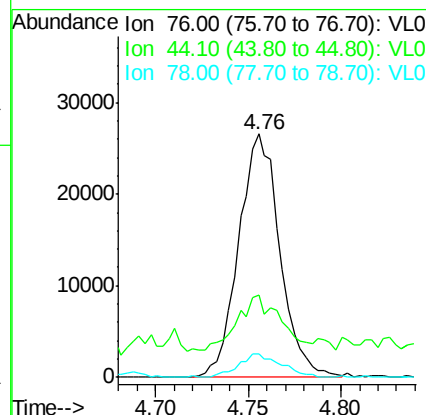
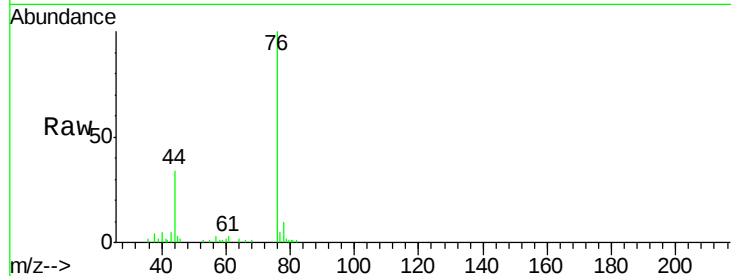
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Carbon Disulfide
Concen: 0.22 ppbv
RT: 4.76 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VL031293.D
Acq: 21 Dec 2017 6:32

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-10

Tot Ion	Ratio	Lower	Upper
76	100		
44	24.5	16.0	24.0#
78	10.0	7.5	11.3

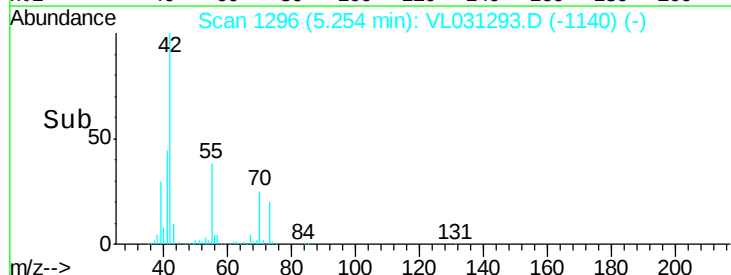
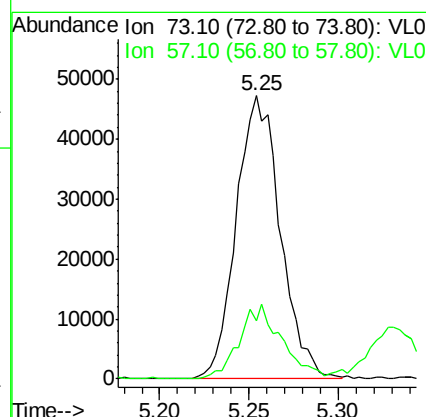
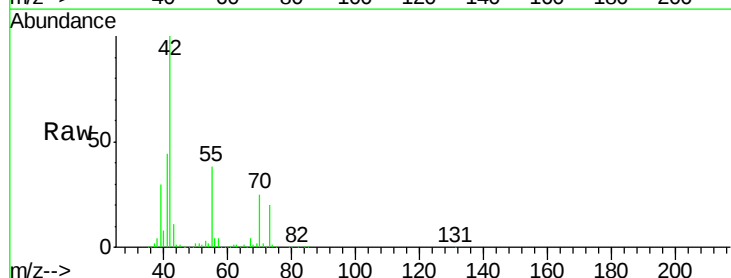
Manual Integrations
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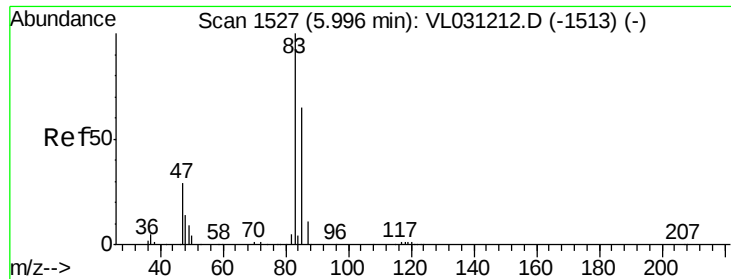
MMDadoda
12/22/2017 4:55:12 PM



#28
Methyl tert-Butyl Ether
Concen: 0.34 ppbv
RT: 5.25 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VL031293.D
Acq: 21 Dec 2017 6:32

Tgt Ion	Ratio	Lower	Upper
73	100		
57	25.4	18.5	27.7





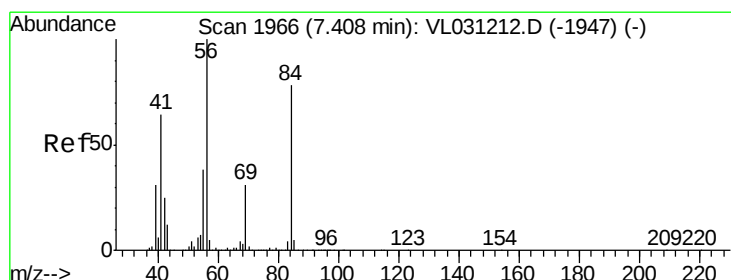
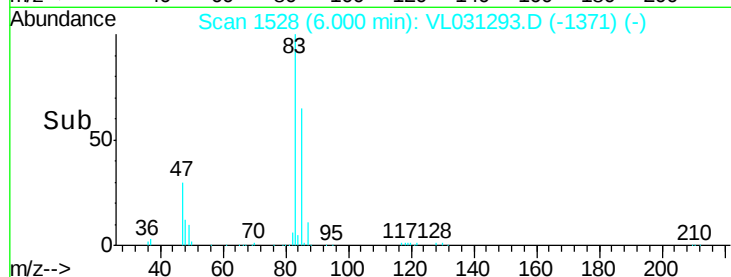
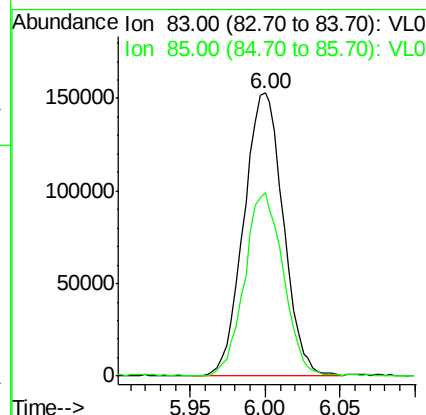
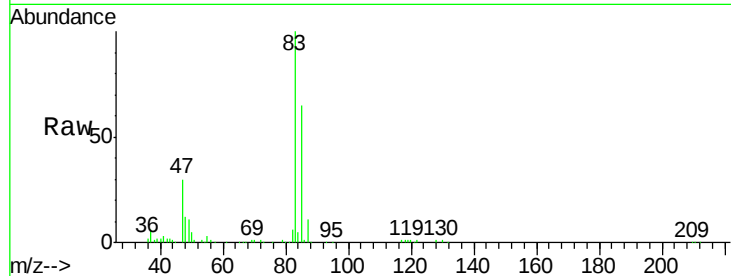
#29
Chloroform
Concen: 1.14 ppbv
RT: 6.00 min Scan# 1528
Delta R.T. 0.00 min
Lab File: VL031293.D
Acq: 21 Dec 2017 6:32

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-10

Tot Ion	83	Resp	281127
Ion Ratio	100	Lower	Upper
83	100		
85	64.9	51.8	77.6

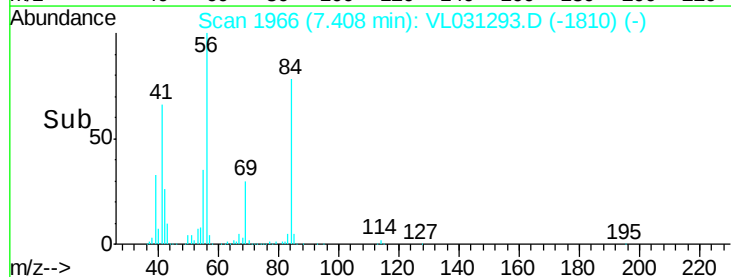
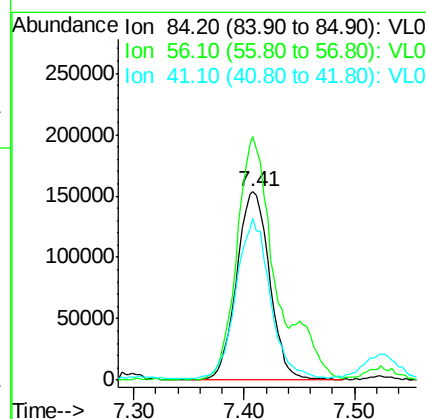
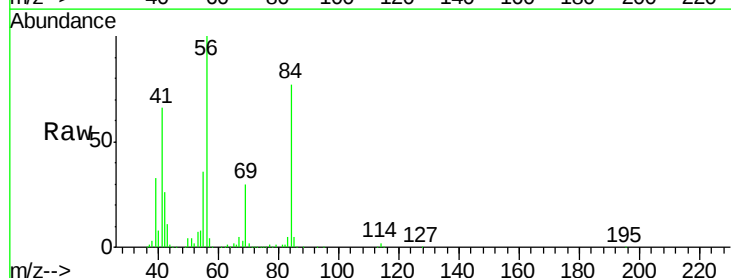
Manual Integrations
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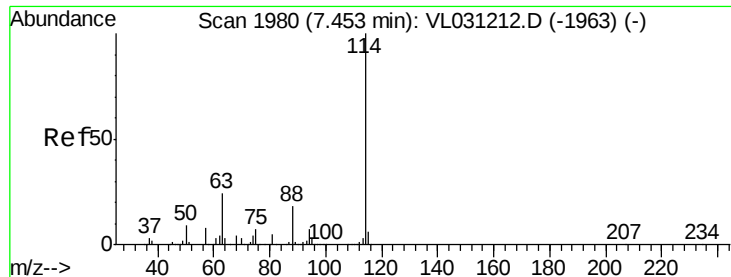
MMDadoda
12/22/2017 4:55:12 PM



#30
Cyclohexane
Concen: 1.98 ppbv
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VL031293.D
Acq: 21 Dec 2017 6:32

Tgt Ion	84	Resp	319394
Ion Ratio	100	Lower	Upper
84	100		
56	152.8	108.0	162.0
41	87.8	66.2	99.4





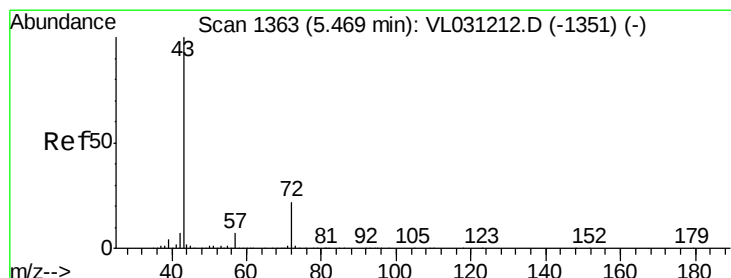
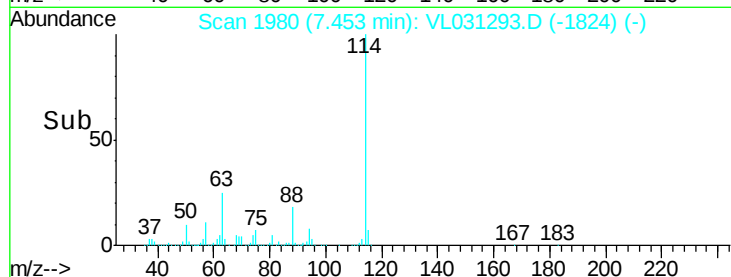
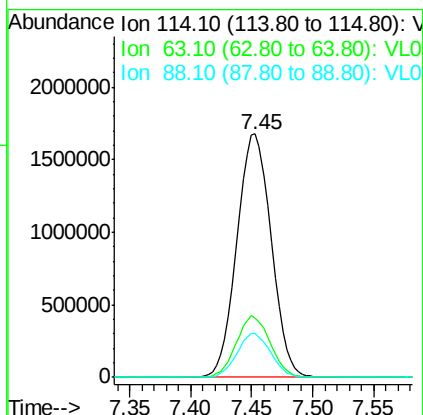
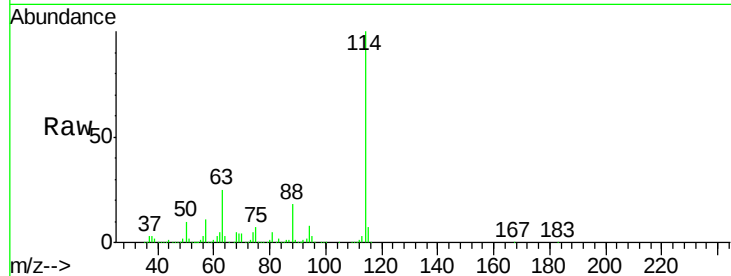
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.45 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VL031293.D
 Acq: 21 Dec 2017 6:32

Instrument :
 MSVOA_L
 ClientSampleId :
 EP1-SV-10

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.1	19.8	29.8
88	17.8	14.2	21.4

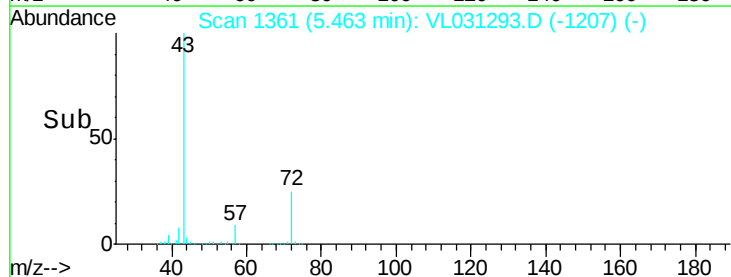
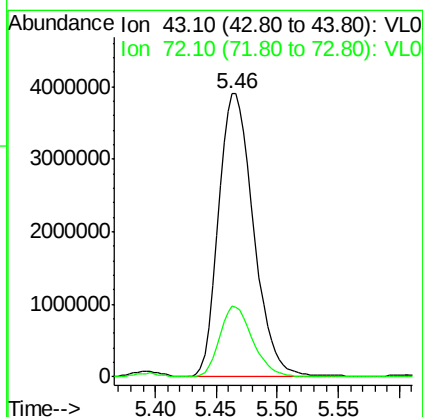
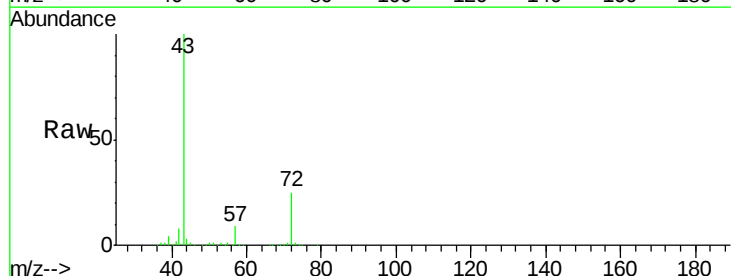
Manual Integrations
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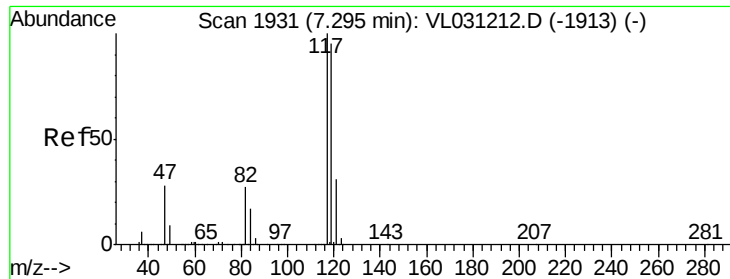
MMDadoda
 12/22/2017 4:55:12 PM



#34
 2-Butanone
 Concen: 33.95 ppbv
 RT: 5.46 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: VL031293.D
 Acq: 21 Dec 2017 6:32

Tgt Ion	Ratio	Lower	Upper
43	100		
72	23.6	18.1	27.1





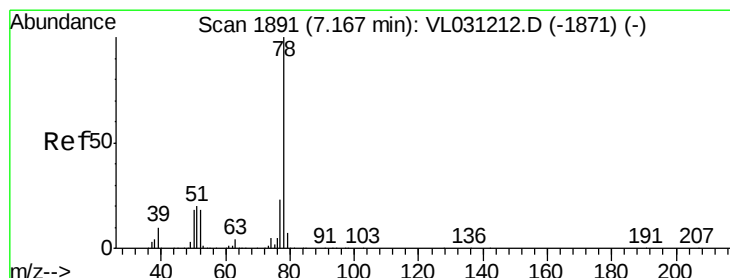
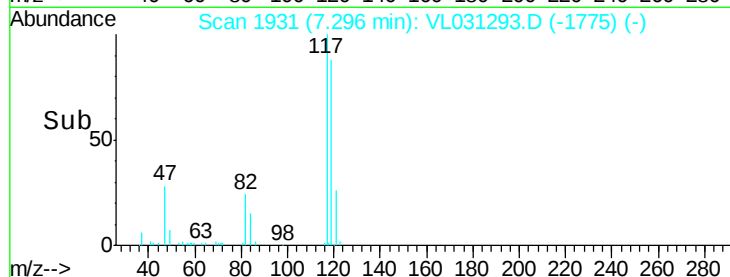
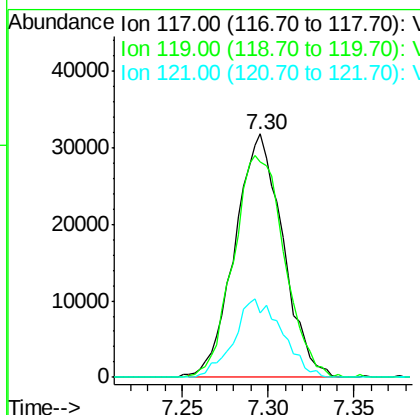
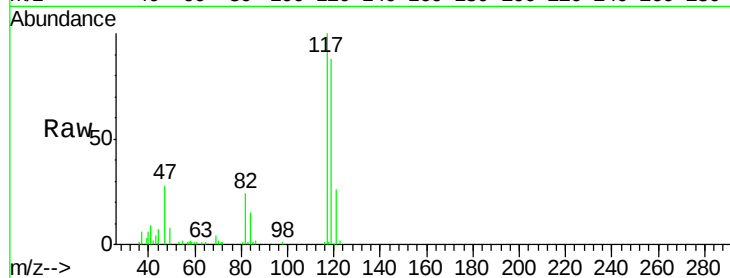
#35
Carbon Tetrachloride
Concen: 0.26 ppbv
RT: 7.30 min Scan# 1931
Delta R.T. 0.00 min
Lab File: VL031293.D
Acq: 21 Dec 2017 6:32

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-10

Tot Ion	Ratio	Lower	Upper
117	100		
119	87.4	75.9	113.9
121	26.2	24.6	37.0

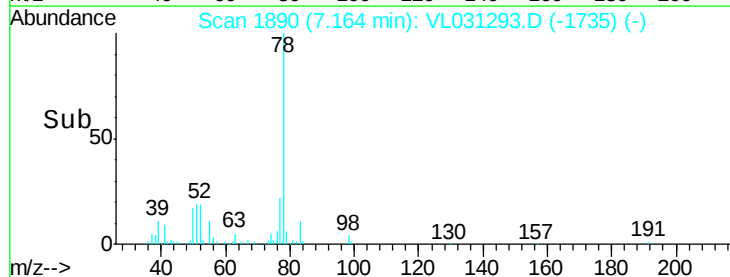
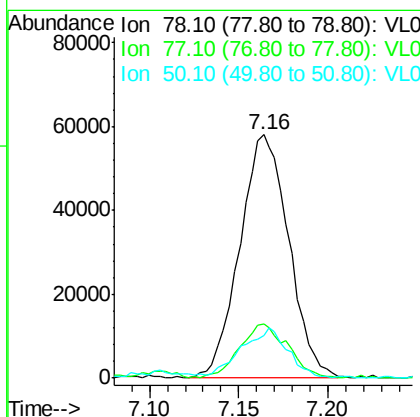
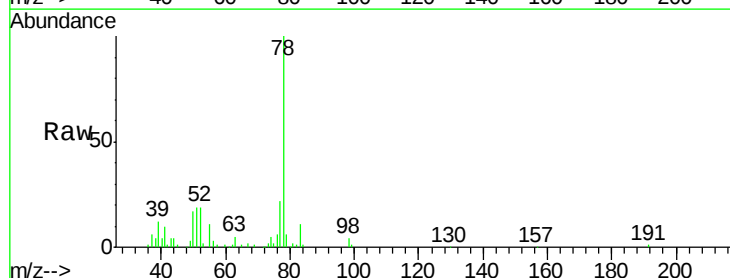
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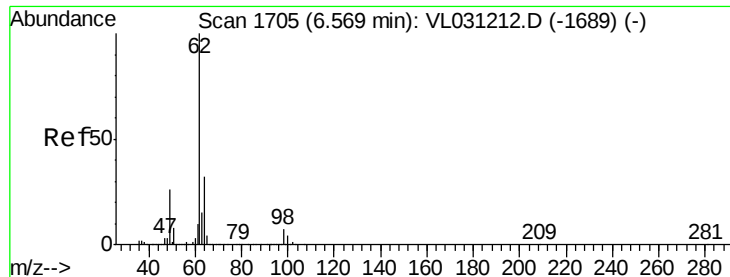
MMDadoda
12/22/2017 4:55:12 PM



#36
Benzene
Concen: 0.32 ppbv
RT: 7.16 min Scan# 1890
Delta R.T. -0.00 min
Lab File: VL031293.D
Acq: 21 Dec 2017 6:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.0	18.1	27.1
50	16.1	14.6	21.8





#37

1,2-Dichloroethane

Concen: 0.47 ppbv

RT: 6.57 min Scan# 1704

Delta R.T. -0.00 min

Lab File: VL031293.D

Acq: 21 Dec 2017 6:32

Instrument :

MSVOA_L

ClientSampleId :

EP1-SV-10

Tot Ion: 62 Resp: 89798

Ion Ratio Lower Upper

62 100

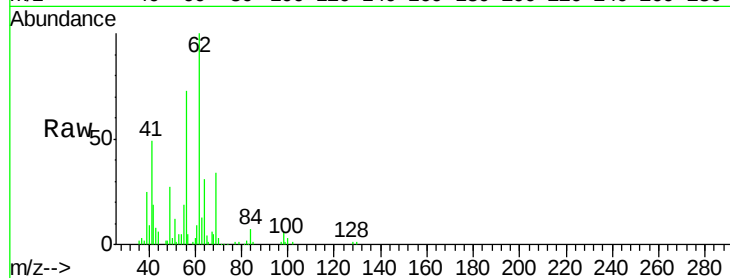
98 6.6 5.4 8.2

Manual Integrations

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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

6.57

50000

40000

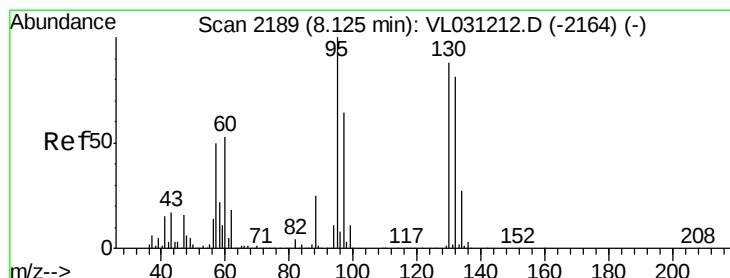
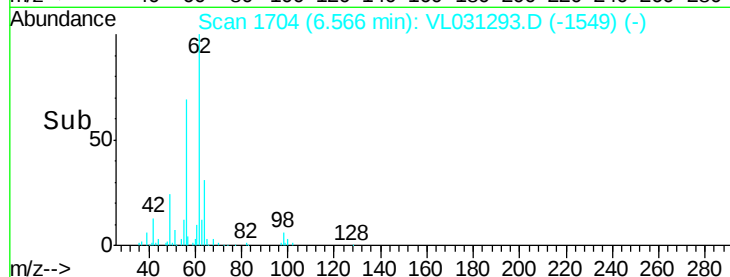
30000

20000

10000

0

Time--> 6.50 6.55 6.60



#38

Trichloroethene

Concen: 0.31 ppbv m

RT: 8.12 min Scan# 2188

Delta R.T. -0.00 min

Lab File: VL031293.D

Acq: 21 Dec 2017 6:32

Tgt Ion:130 Resp: 42088

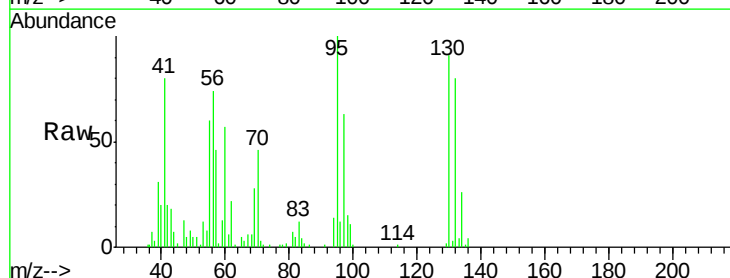
Ion Ratio Lower Upper

130 100

95 109.5 90.6 135.8

132 88.0 73.5 110.3

97 68.5 57.8 86.8



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

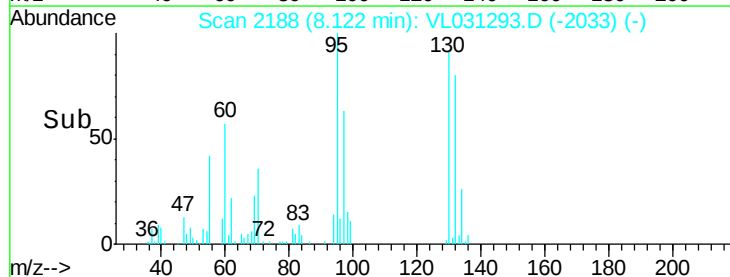
30000

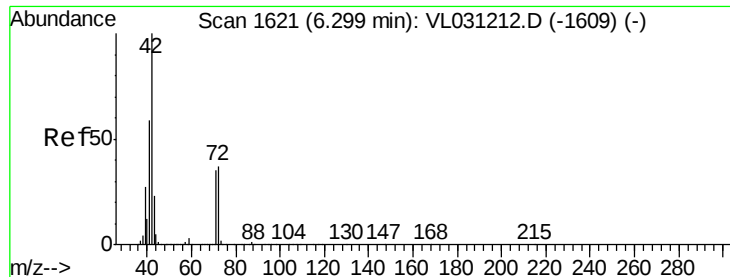
20000

10000

0

Time--> 8.05 8.10 8.15 8.20





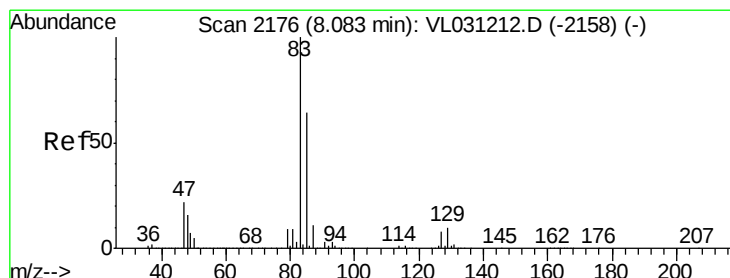
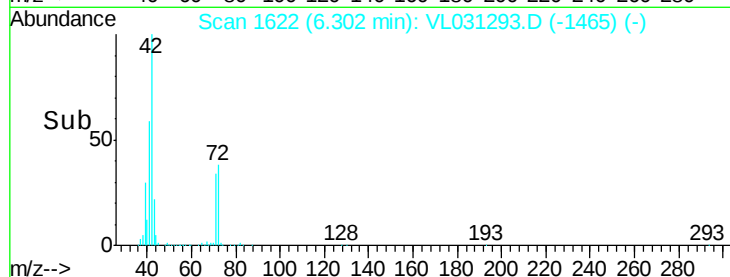
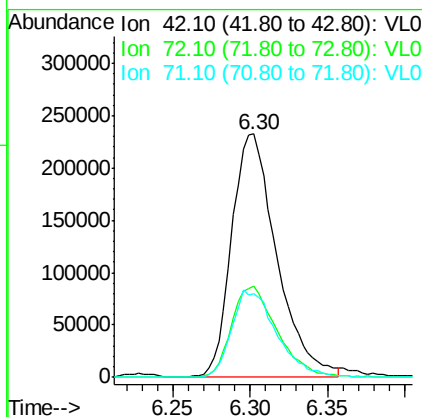
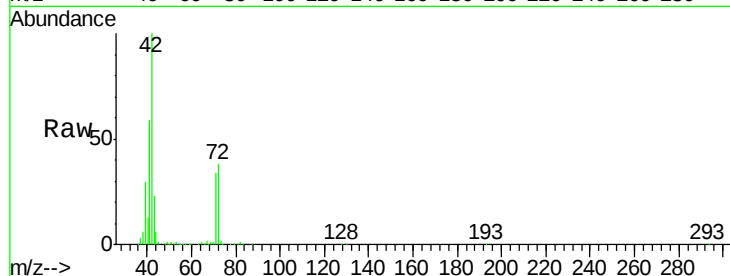
#41
Tetrahydrofuran
Concen: 3.59 ppbv
RT: 6.30 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VL031293.D
Acq: 21 Dec 2017 6:32

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-10

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.0	30.2	45.4
71	36.3	29.0	43.6

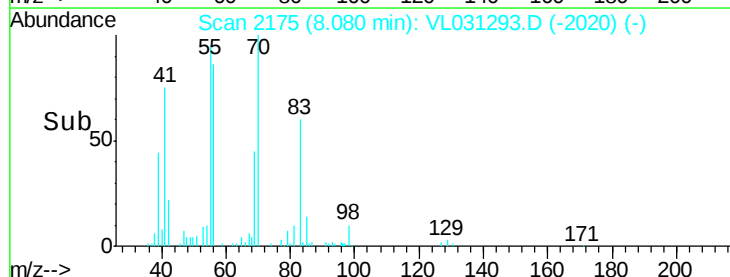
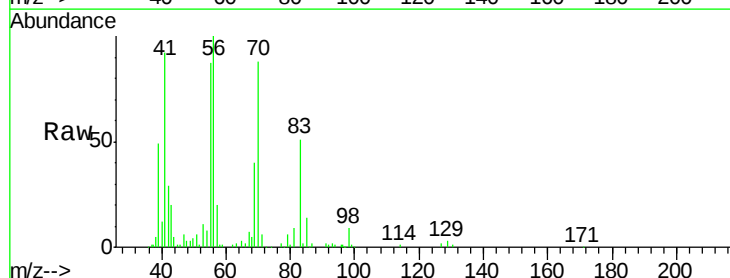
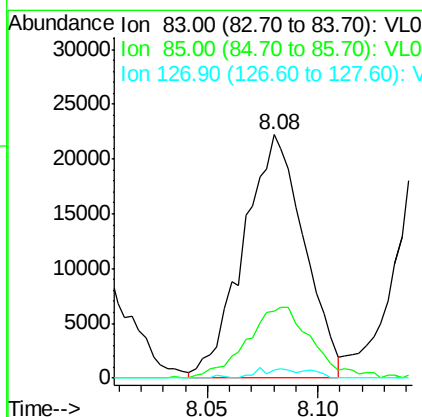
Manual Integrations
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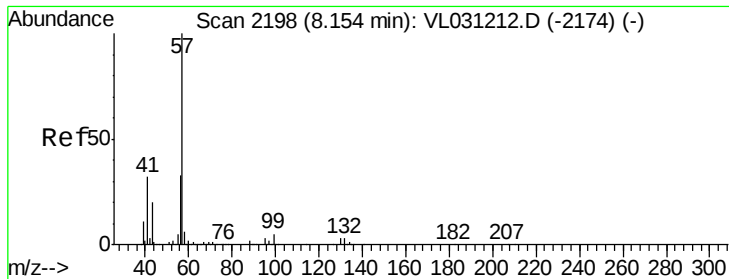
MMMadoda
12/22/2017 4:55:12 PM



#42
Bromodichloromethane
Concen: 0.19 ppbv
RT: 8.08 min Scan# 2175
Delta R.T. -0.00 min
Lab File: VL031293.D
Acq: 21 Dec 2017 6:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	28.2	51.5	77.3#
127	3.5	6.5	9.7#





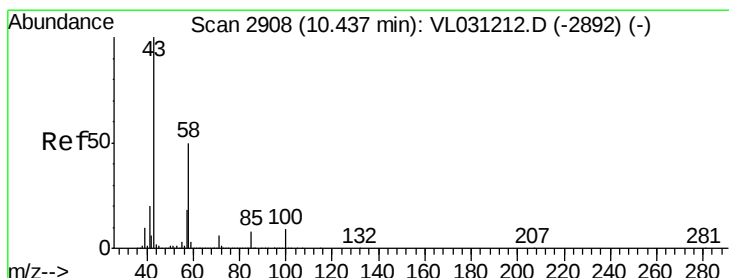
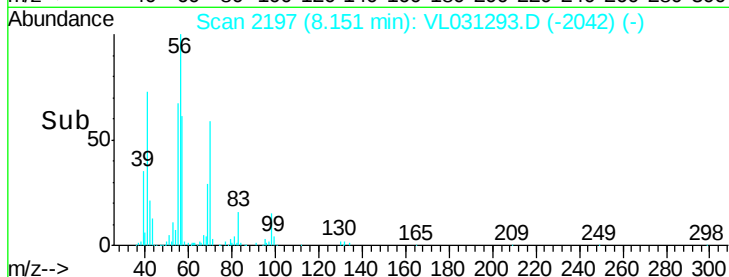
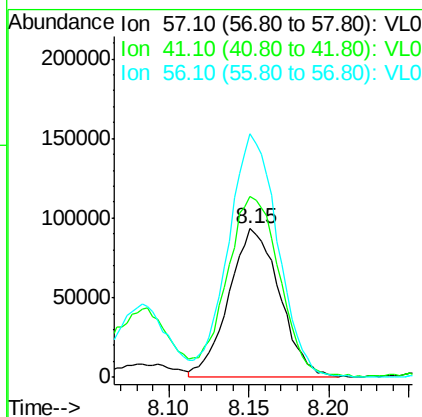
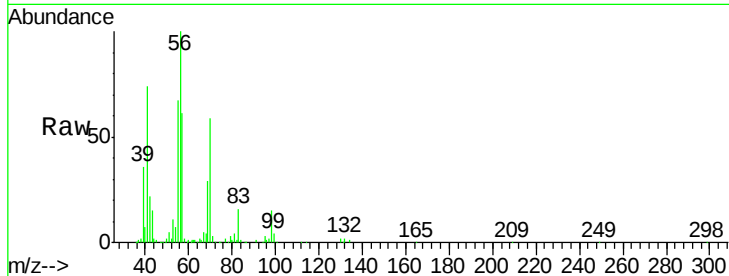
#44
2,2,4-Trimethylpentane
Concen: 0.38 ppbv
RT: 8.15 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VL031293.D
Acq: 21 Dec 2017 6:32

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-10

Tot Ion	Ratio	Lower	Upper
57	100		
41	126.7	25.5	38.3#
56	161.2	25.0	37.6#

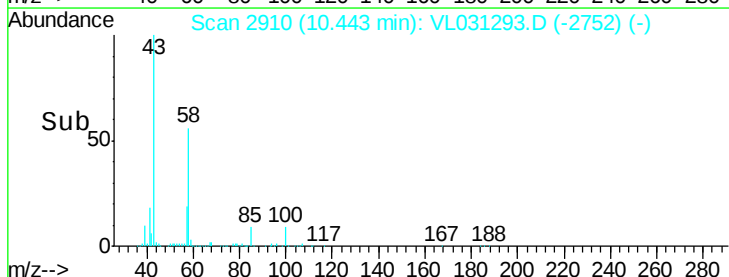
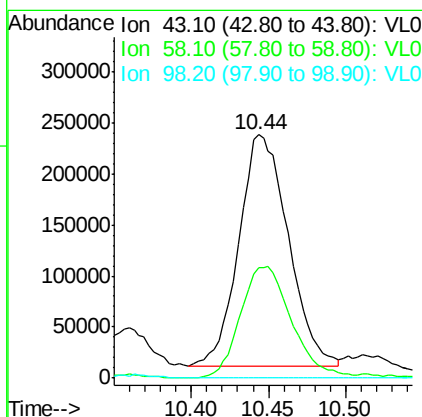
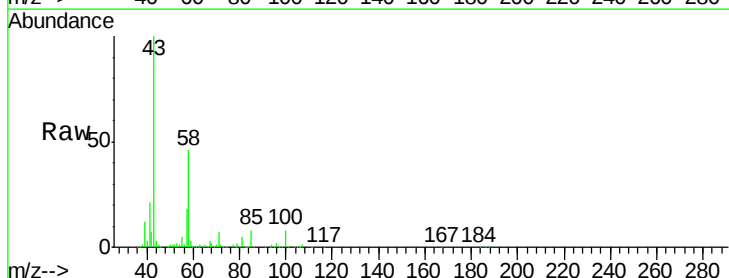
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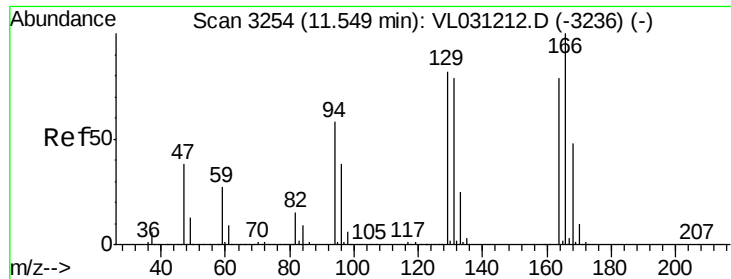
MMDadoda
12/22/2017 4:55:12 PM



#51
2-Hexanone
Concen: 1.88 ppbv
RT: 10.44 min Scan# 2910
Delta R.T. 0.01 min
Lab File: VL031293.D
Acq: 21 Dec 2017 6:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	50.3	39.8	59.6
98	0.0	0.0	0.0





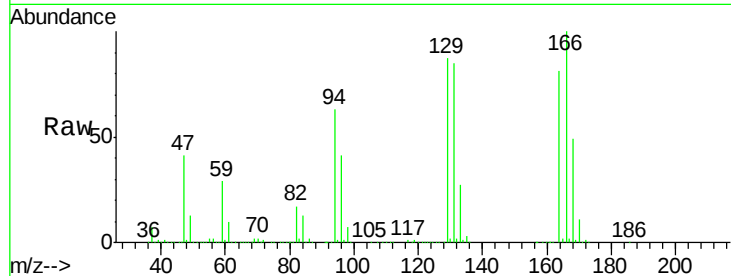
#52
Tetrachloroethene
Concen: 27.06 ppbv
RT: 11.55 min Scan# 3255
Delta R.T. 0.00 min
Lab File: VL031293.D
Acq: 21 Dec 2017 6:32

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-10

Tot Ion	Ratio	Lower	Upper
164	100		
166	123.6	100.6	151.0
129	107.8	82.9	124.3
131	104.6	79.2	118.8

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12/22/2017 4:55:12 PM

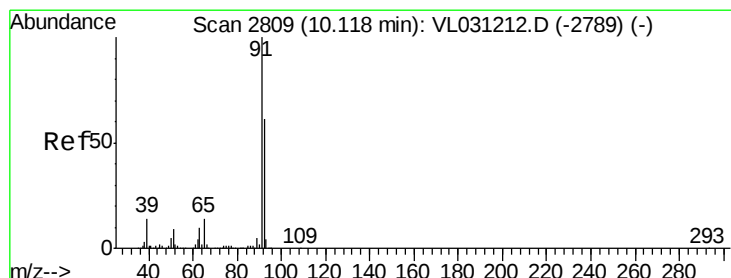
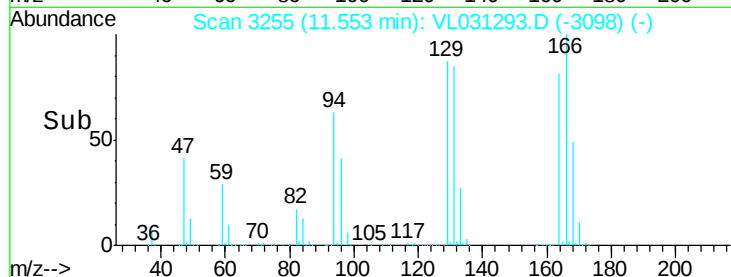
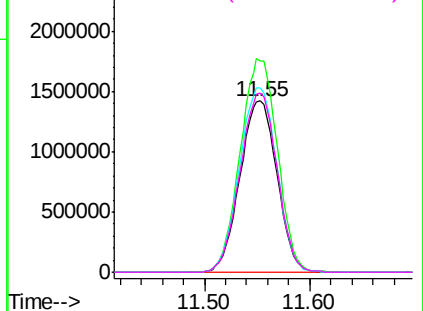


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

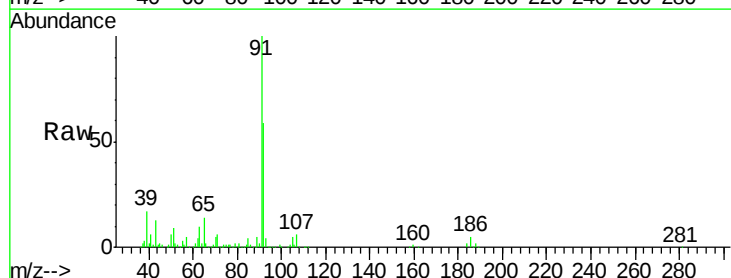
Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



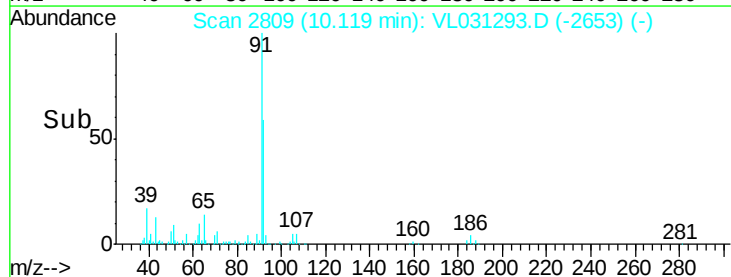
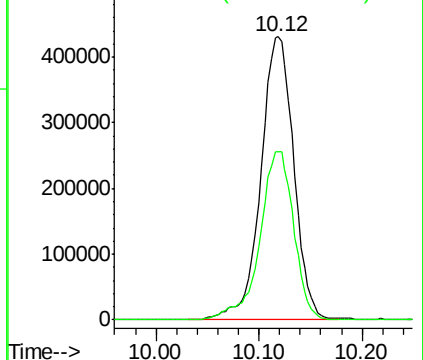
#53
Toluene
Concen: 2.54 ppbv
RT: 10.12 min Scan# 2809
Delta R.T. 0.00 min
Lab File: VL031293.D
Acq: 21 Dec 2017 6:32

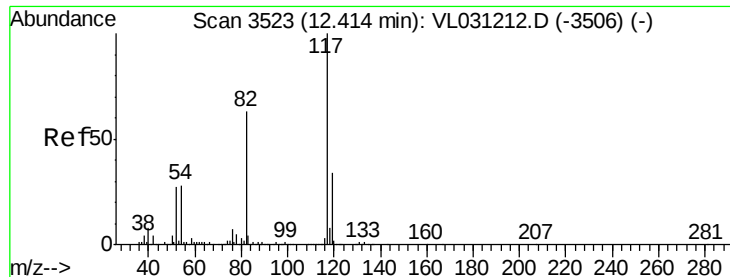
Tgt Ion	Ratio	Lower	Upper
91	100		
92	61.3	49.1	73.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0





#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.42 min Scan# 3524

Delta R.T. 0.00 min

Lab File: VL031293.D

Acq: 21 Dec 2017 6:32

Instrument :

MSVOA_L

ClientSampleId :

EP1-SV-10

Tot Ion:117 Resp: 3121732

Ion Ratio Lower Upper

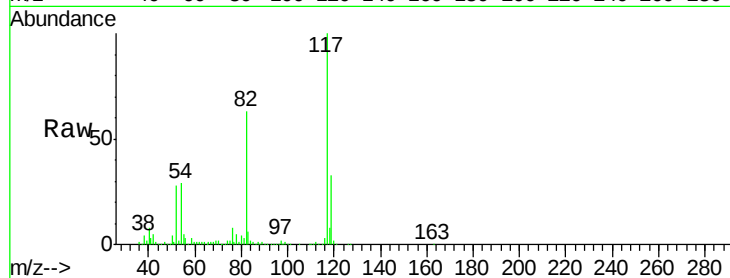
117 100

82 66.0 48.1 72.1

119 32.8 23.1 34.7

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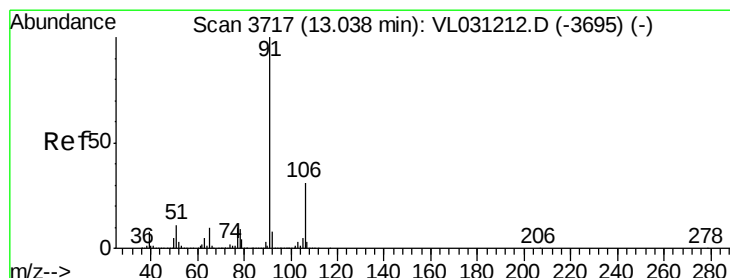
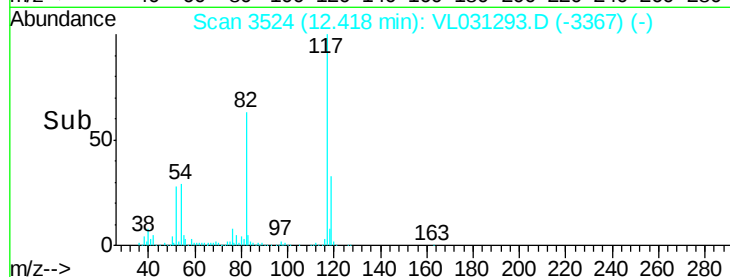
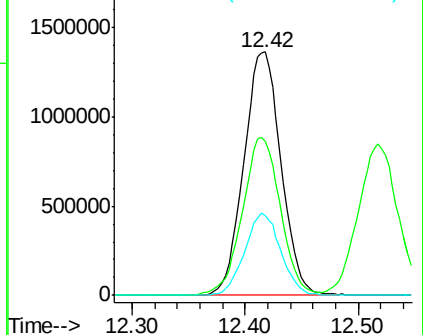
MMDadoda
12/22/2017 4:55:12 PM



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#58

Ethyl Benzene

Concen: 1.19 ppbv

RT: 13.04 min Scan# 3718

Delta R.T. 0.00 min

Lab File: VL031293.D

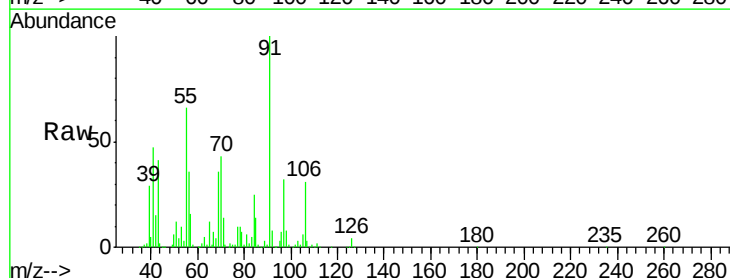
Acq: 21 Dec 2017 6:32

Tgt Ion: 91 Resp: 612580

Ion Ratio Lower Upper

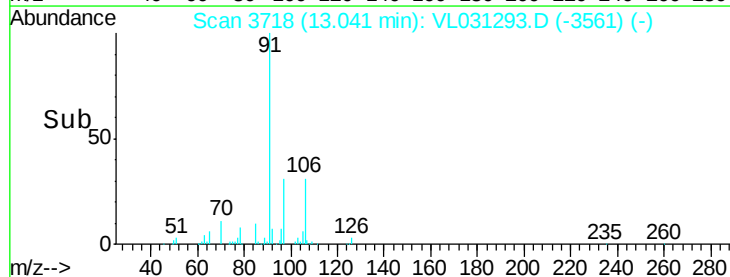
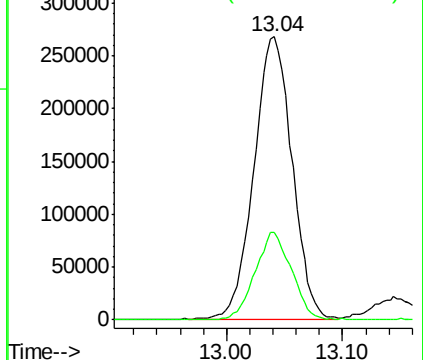
91 100

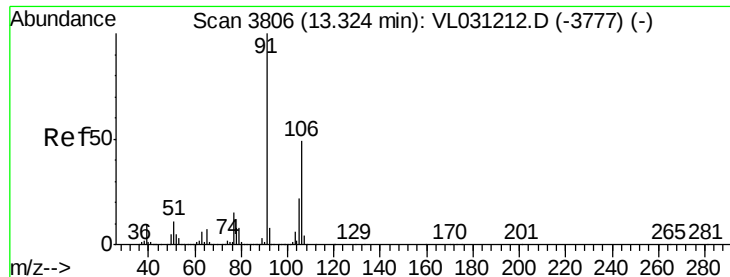
106 30.8 25.1 37.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





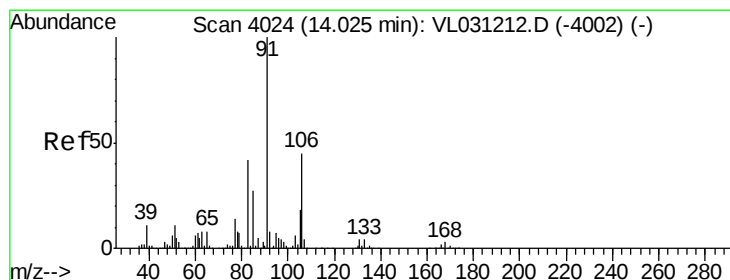
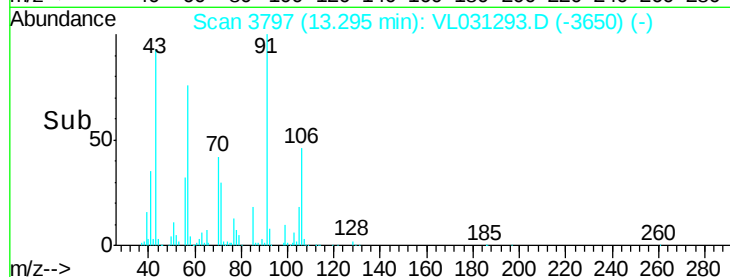
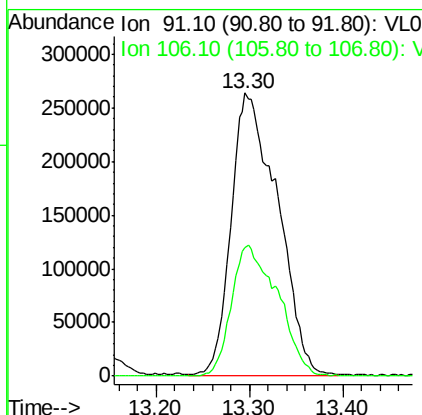
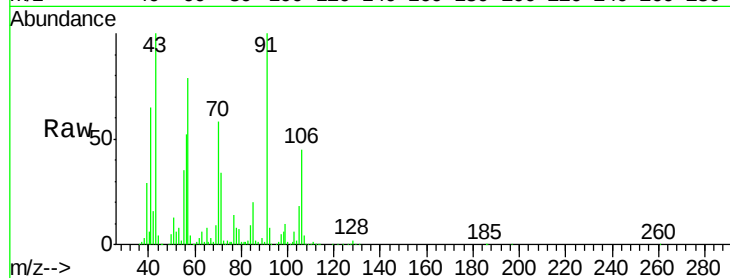
#59
m/p-Xylene
Concen: 2.20 ppbv
RT: 13.30 min Scan# 3797
Delta R.T. -0.03 min
Lab File: VL031293.D
Acq: 21 Dec 2017 6:32

Instrument :
MSVOA_L
ClientSampled :
EP1-SV-10

Tot Ion: 91 Resp: 906474
Ion Ratio Lower Upper
91 100
106 46.5 38.5 57.7

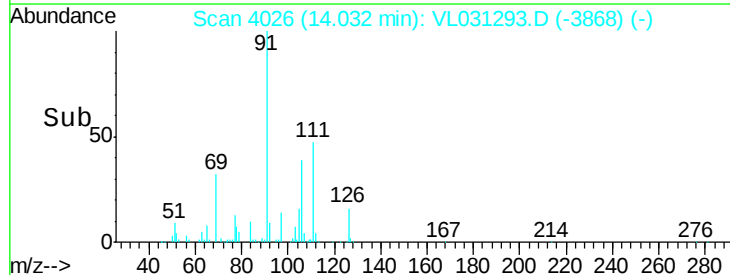
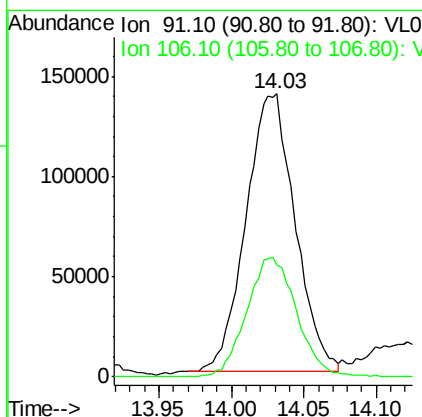
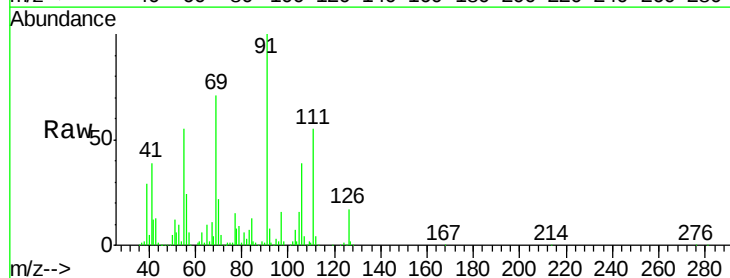
Manual Integrations
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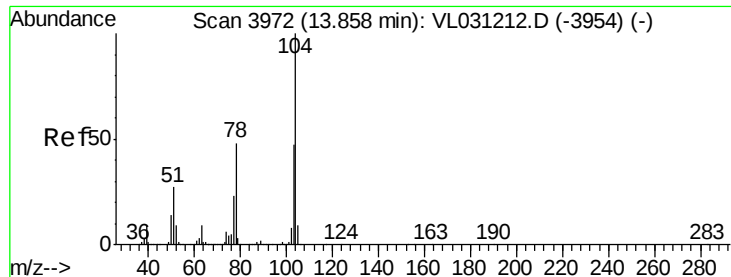
MMDadoda
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#60
o-Xylene
Concen: 0.79 ppbv
RT: 14.03 min Scan# 4026
Delta R.T. 0.01 min
Lab File: VL031293.D
Acq: 21 Dec 2017 6:32

Tgt Ion: 91 Resp: 327025
Ion Ratio Lower Upper
91 100
106 43.7 22.7 68.1





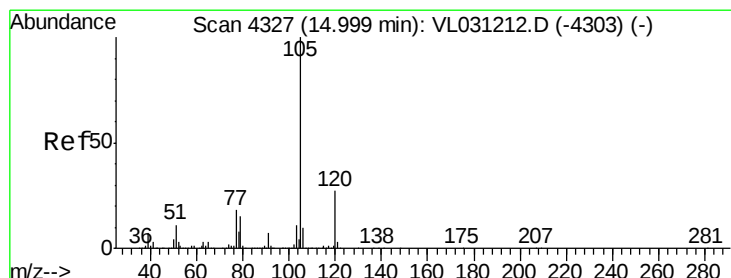
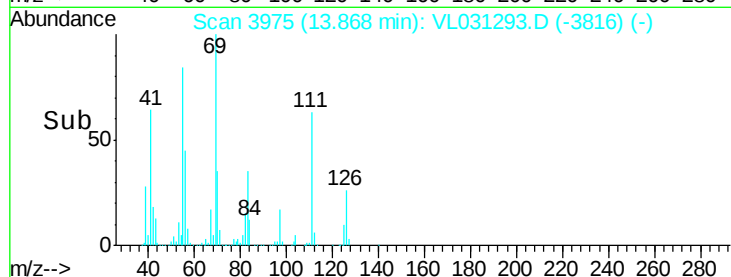
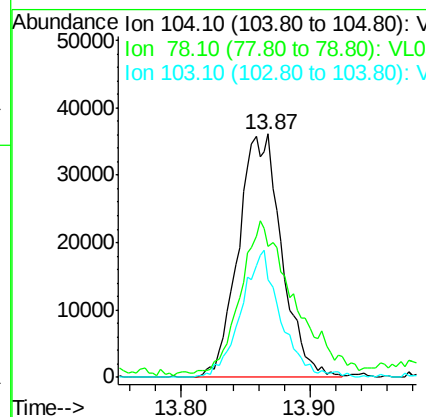
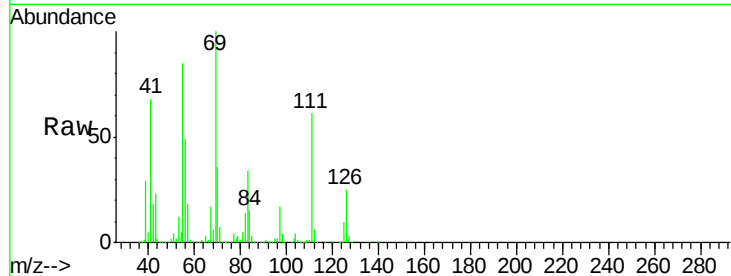
#61
Stvrene
Concen: 0.71 ppbv m
RT: 13.87 min Scan# 3975
Delta R.T. 0.01 min
Lab File: VL031293.D
Acq: 21 Dec 2017 6:32

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-10

Tot Ion	Ratio	Lower	Upper
104	100		
78	78.4	39.1	58.7#
103	47.8	37.3	55.9

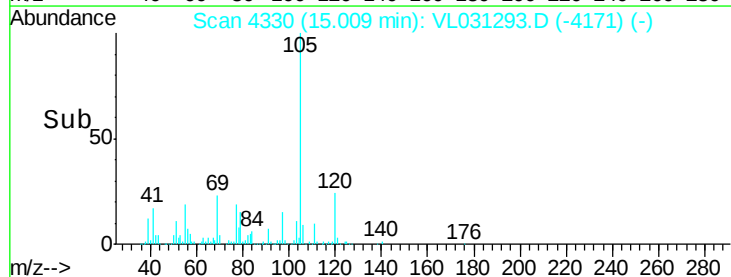
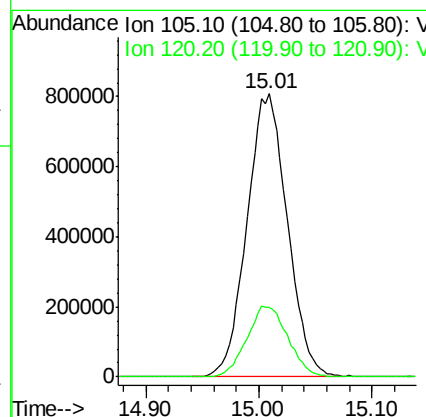
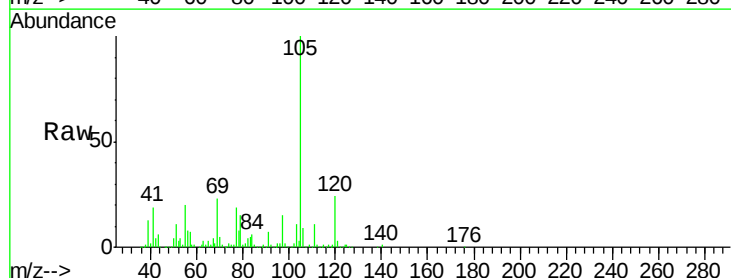
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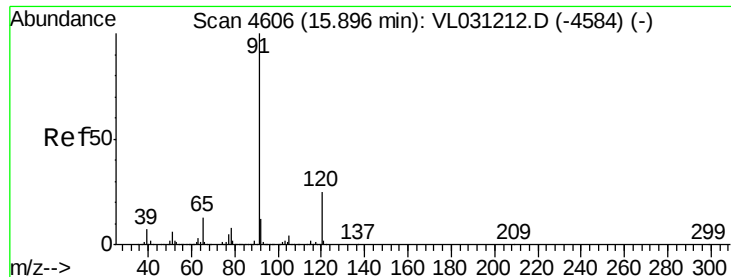
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#62
Isopropylbenzene
Concen: 3.67 ppbv
RT: 15.01 min Scan# 4330
Delta R.T. 0.01 min
Lab File: VL031293.D
Acq: 21 Dec 2017 6:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.5	21.0	31.6





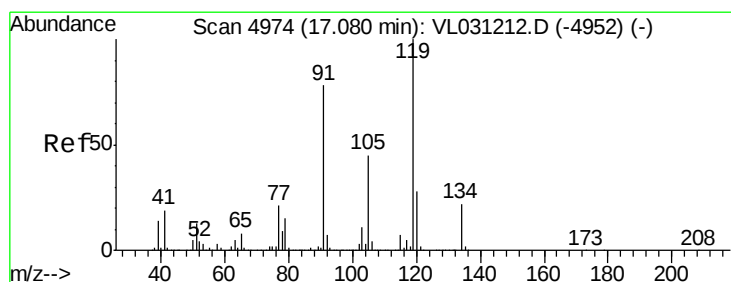
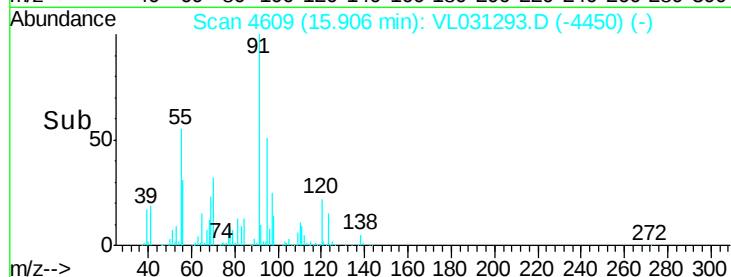
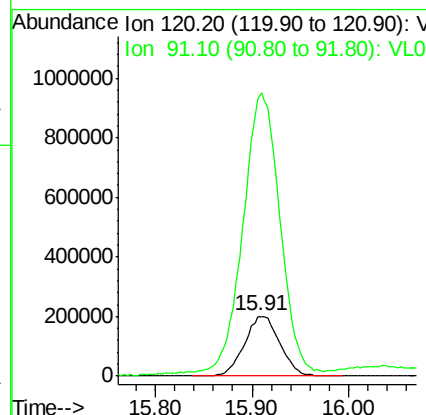
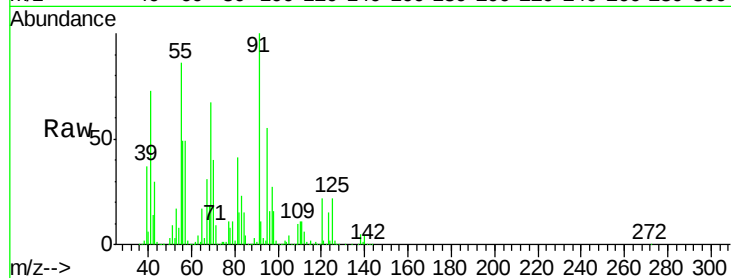
#64
n-propylbenzene
Concen: 3.55 ppbv
RT: 15.91 min Scan# 4609
Delta R.T. 0.01 min
Lab File: VL031293.D
Acq: 21 Dec 2017 6:32

Instrument :
MSVOA_L
ClientSampled :
EP1-SV-10

Tot Ion:120 Resp: 513963
Ion Ratio Lower Upper
120 100
91 496.3 352.1 528.1

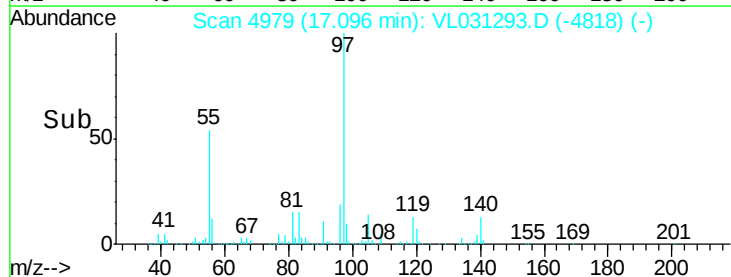
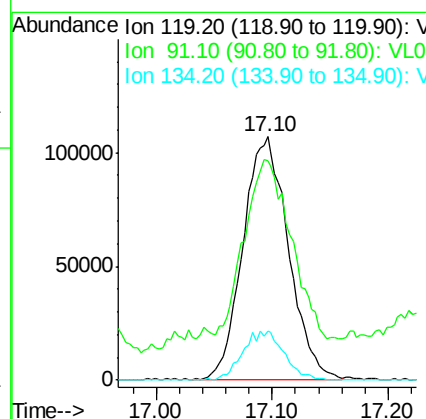
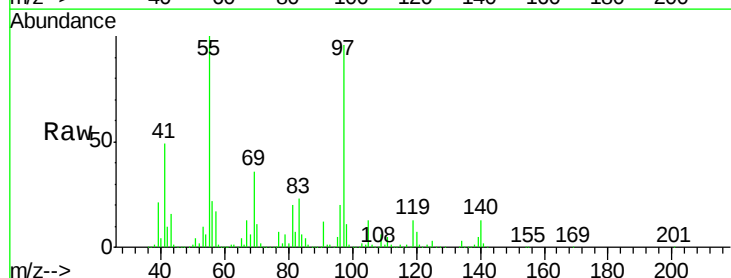
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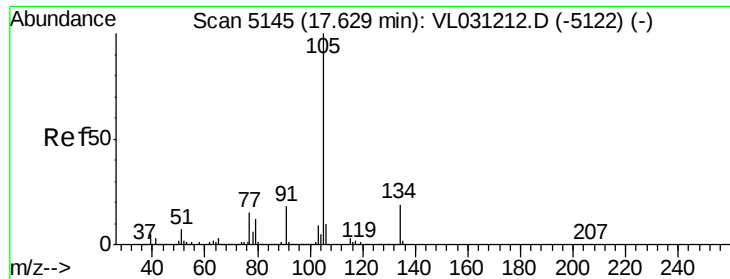
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#65
tert-Butylbenzene
Concen: 0.60 ppbv
RT: 17.10 min Scan# 4979
Delta R.T. 0.02 min
Lab File: VL031293.D
Acq: 21 Dec 2017 6:32

Tgt Ion:119 Resp: 290141
Ion Ratio Lower Upper
119 100
91 122.8 63.3 94.9#
134 18.4 16.1 24.1





#67

sec-Butylbenzene

Concen: 1.79 ppbv

RT: 17.65 min Scan# 5150

Delta R.T. 0.02 min

Lab File: VL031293.D

Acq: 21 Dec 2017 6:32

Instrument :

MSVOA_L

ClientSampled :

EP1-SV-10

Tot Ion:105 Resp: 1186874

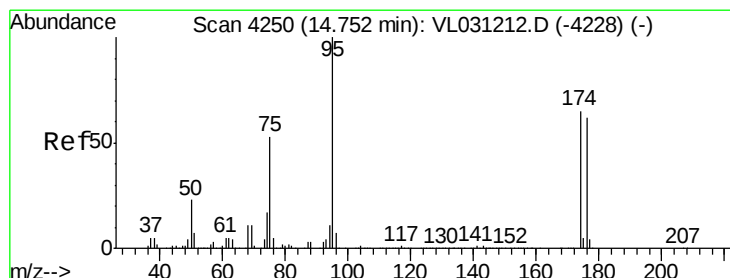
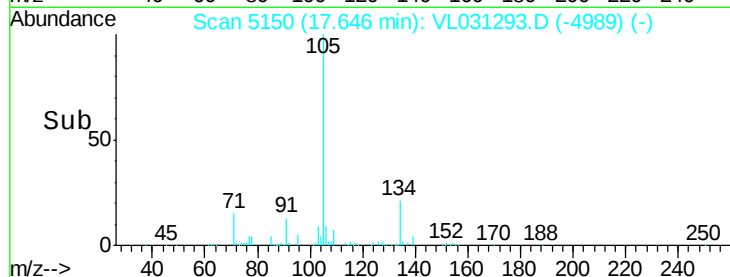
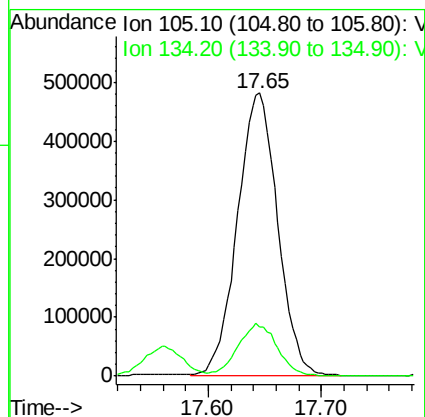
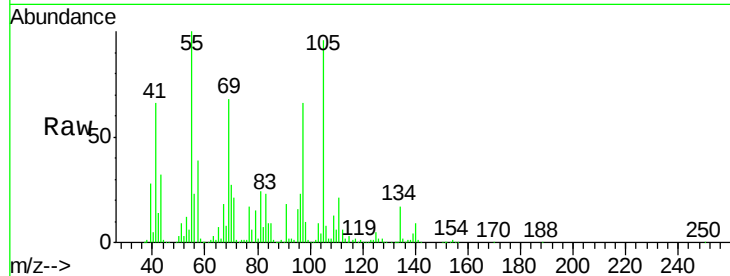
Ion Ratio Lower Upper

105 100

134 18.4 15.3 22.9

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#68

1-Bromo-4-Fluorobenzene

Concen: 17.67 ppbv

RT: 14.75 min Scan# 4249

Delta R.T. -0.00 min

Lab File: VL031293.D

Acq: 21 Dec 2017 6:32

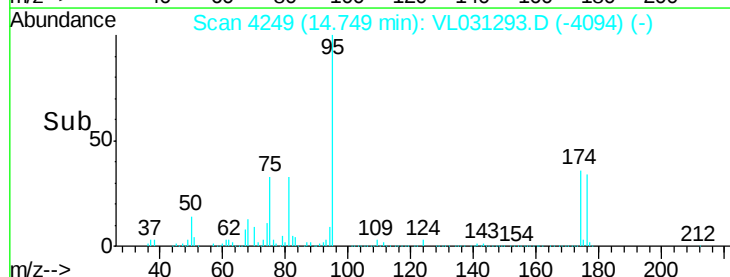
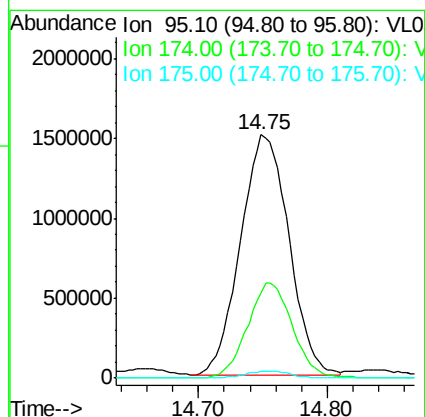
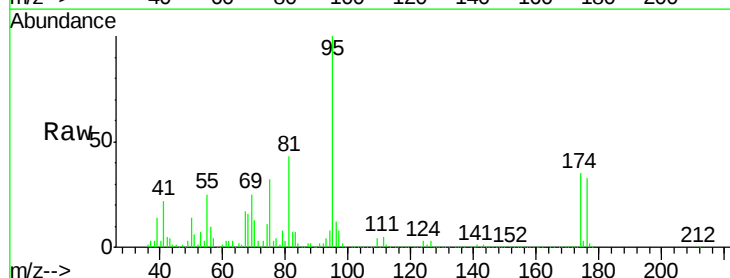
Tgt Ion: 95 Resp: 3922690

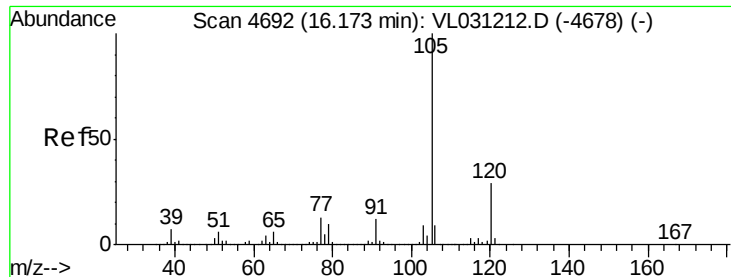
Ion Ratio Lower Upper

95 100

174 37.3 52.5 78.7#

175 2.8 4.1 6.1#





#72

4-Ethyltoluene

Concen: 0.43 ppbv

RT: 16.19 min Scan# 4697

Delta R.T. 0.02 min

Lab File: VL031293.D

Acq: 21 Dec 2017 6:32

Instrument :

MSVOA_L

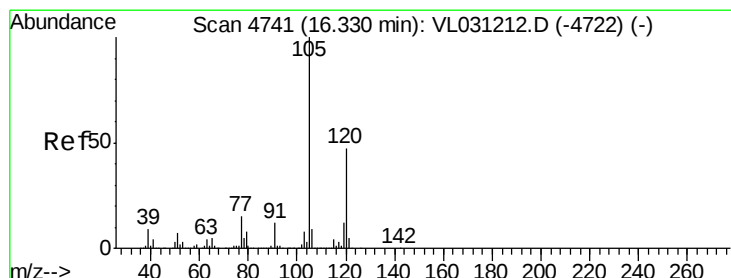
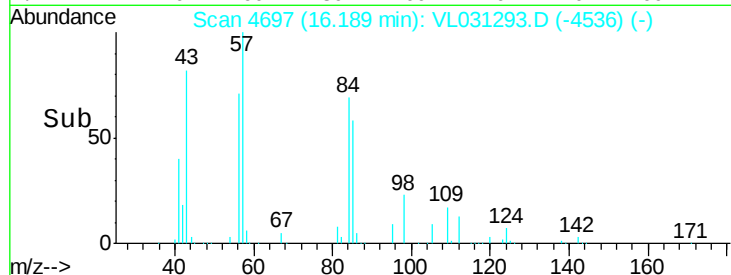
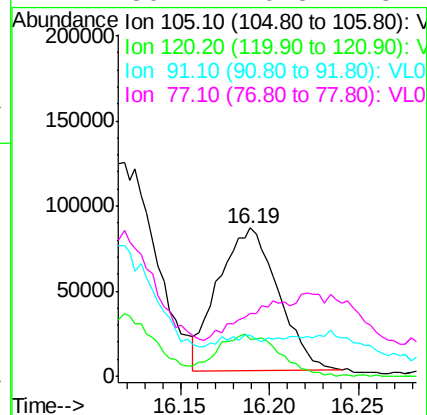
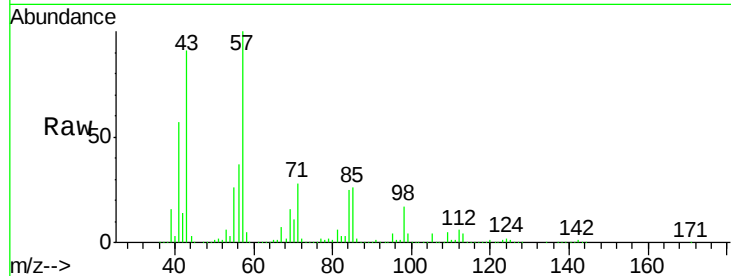
ClientSampleId :

EP1-SV-10

Tot Ion	Ratio	Resp	Lower	Upper
105	100	196467		
120	32.2	24.2	36.2	
91	0.0	9.8	14.8	
77	86.1	10.5	15.7	

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#73

1,3,5-Trimethylbenzene

Concen: 0.39 ppbv

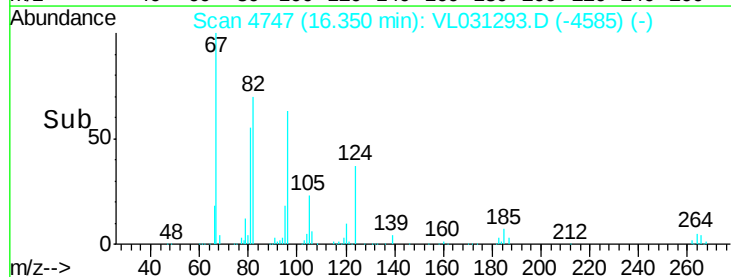
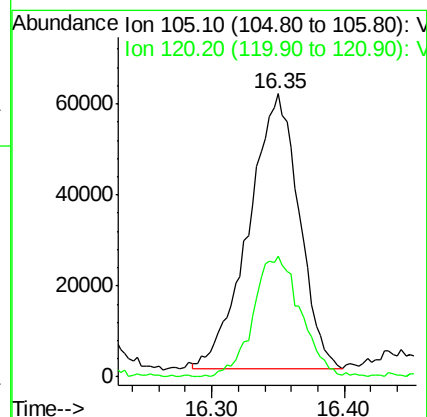
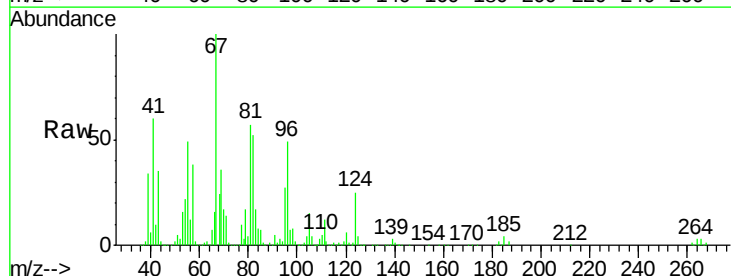
RT: 16.35 min Scan# 4747

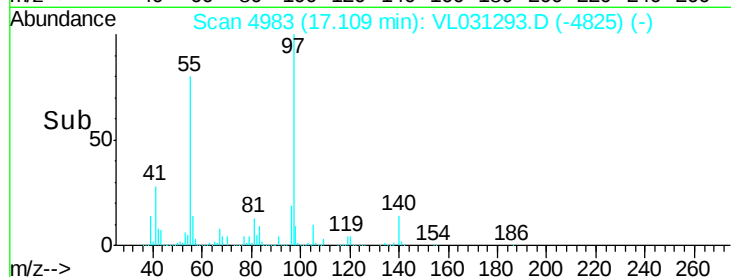
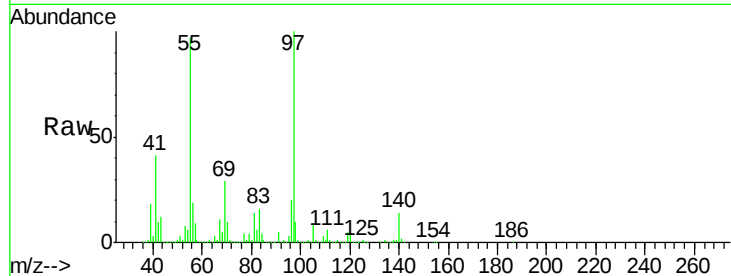
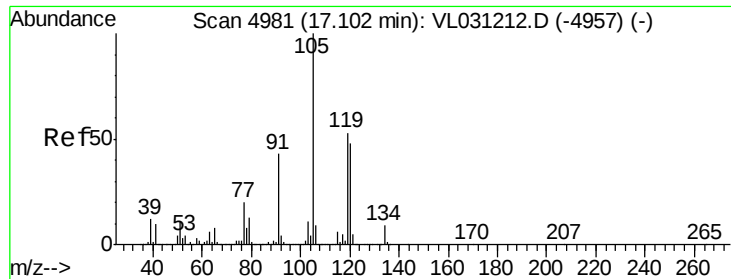
Delta R.T. 0.02 min

Lab File: VL031293.D

Acq: 21 Dec 2017 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	159530		
120	43.9	37.8	56.6	





#74
 1,2,4-Trimethylbenzene
 Concen: 0.95 ppbv
 RT: 17.11 min Scan# 4983
 Delta R.T. 0.01 min
 Lab File: VL031293.D
 Acq: 21 Dec 2017 6:32

Instrument :
 MSVOA_L
 ClientSampleId :
 EP1-SV-10

Tot Ion	Ratio	Resp Lower	Upper
105	100		
120	43.5	38.6	58.0
91	38.7	34.2	51.4
77	23.6	16.1	24.1

Manual Integrations
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