

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051719\
 Data File : VL033713.D
 Acq On : 17 May 2019 12:43
 Operator : SY/AP
 Sample : K2893-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-01

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 12:05:53 PM

Quant Time: May 18 00:04:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 18 00:04:37 2019
 QLast Update : Fri May 17 08:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1056919	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2755530	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2581955	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2253266	10.77	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	81211	0.365	ppbv	97
4) Chloromethane	3.17	50	33840	0.489	ppbv	90
7) Chloroethane	3.60	64	4074m	0.163	ppbv	
9) Propene	3.04	41	8346157m	162.080	ppbv	
10) Heptane	8.25	43	1524040	10.451	ppbv	99
11) Trichlorofluoromethane	4.01	101	122522	0.576	ppbv	98
13) Ethanol	3.65	45	1024538	61.557	ppbv	99
15) Acetone	3.90	43	14827048m	101.111	ppbv	
17) tert-Butyl alcohol	4.37	59	97082	0.819	ppbv #	72
20) Methylene Chloride	4.42	84	70904	1.256	ppbv	98
26) Hexane	5.78	57	2639052	23.830	ppbv #	39
27) Carbon Disulfide	4.62	76	717801	4.724	ppbv	99
29) Chloroform	5.85	83	28048m	0.137	ppbv	
30) Cyclohexane	7.25	84	977101	10.495	ppbv	98
34) 2-Butanone	5.33	43	493873	2.892	ppbv	98
35) Carbon Tetrachloride	7.14	117	8038m	0.036	ppbv	
36) Benzene	7.01	78	1653165	6.595	ppbv	98
38) Trichloroethene	7.96	130	18809m	0.202	ppbv	
41) Tetrahydrofuran	6.16	42	33476m	0.350	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	504979	1.192	ppbv #	1
50) 4-Methyl-2-Pentanone	8.90	43	54501m	0.207	ppbv	
52) Tetrachloroethene	11.38	164	32645m	0.370	ppbv	
53) Toluene	9.95	91	3523101	13.031	ppbv	99
58) Ethyl Benzene	12.87	91	11034299	32.272	ppbv	93
59) m/p-Xylene	13.13	91	14837988	49.644	ppbv	93
60) o-Xylene	13.85	91	4216636	13.995	ppbv	98
61) Styrene	13.68	104	33578m	0.166	ppbv	
62) Isopropylbenzene	14.83	105	86495m	0.213	ppbv	
64) n-propylbenzene	15.72	120	12907m	0.123	ppbv	
72) 4-Ethyltoluene	16.00	105	63689	0.185	ppbv #	91
73) 1,3,5-Trimethylbenzene	16.16	105	49462	0.147	ppbv	91
74) 1,2,4-Trimethylbenzene	16.93	105	163195m	0.446	ppbv	
76) 1,4-Dichlorobenzene	17.30	146	75932m	0.356	ppbv	
79) Naphthalene	22.41	128	54027m	0.159	ppbv	

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

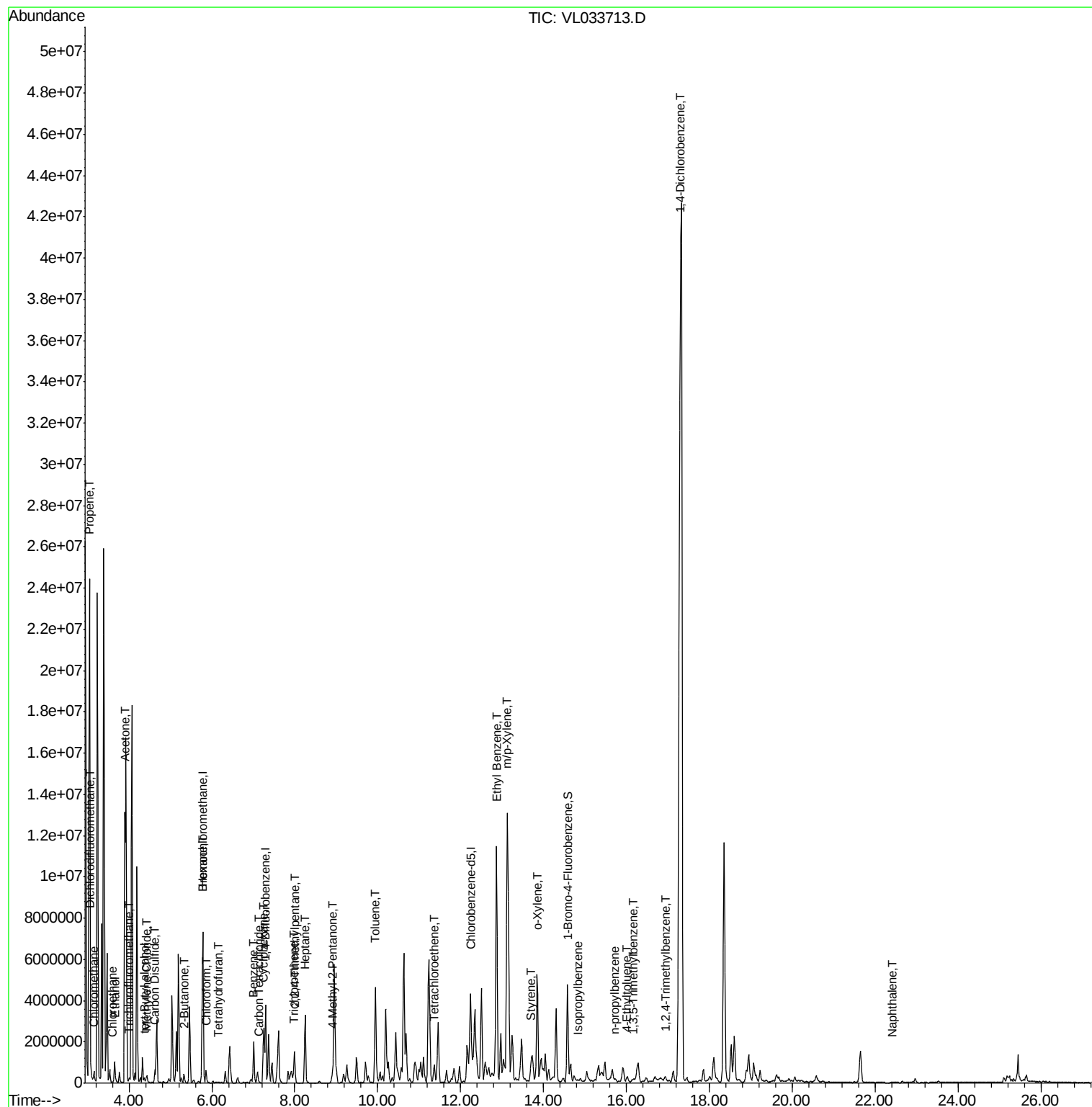
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051719\
Data File : VL033713.D
Acq On : 17 May 2019 12:43
Operator : SY/AP
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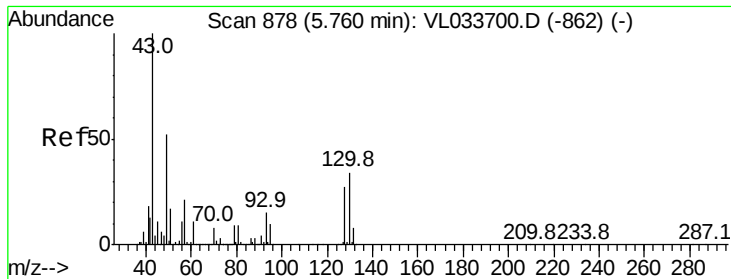
Instrument :
MSVOA_L
ClientSampleId :
SV-01

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Quant Time: May 18 00:04:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration





#1

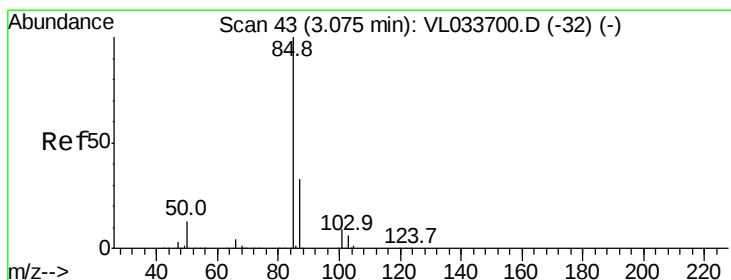
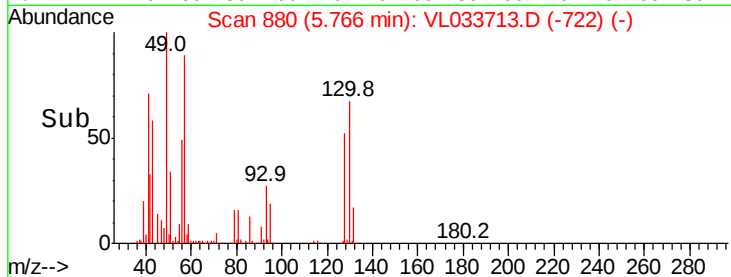
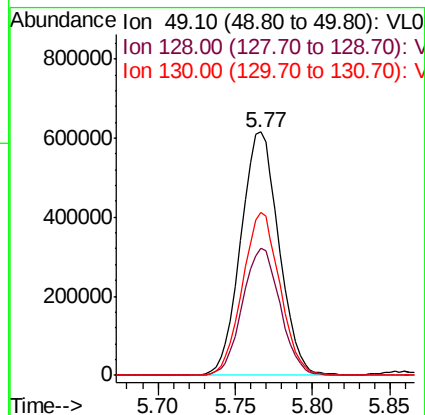
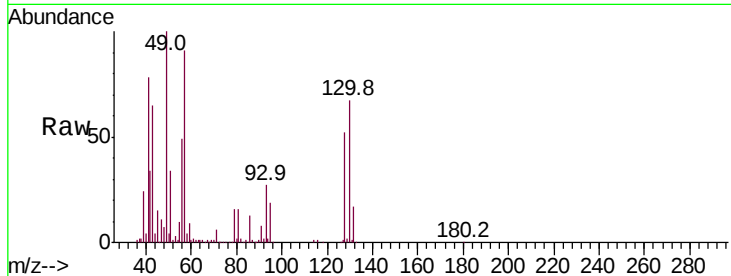
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.77 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: VL033713.D
 Acq: 17 May 2019 12:43

Instrument :
 MSVOA_L
 ClientSampled :
 SV-01

Tot Ion: 49 Resp: 1056919
 Ion Ratio Lower Upper
 49 100
 128 51.8 25.2 75.6
 130 66.0 32.5 97.5

Manual Integrations
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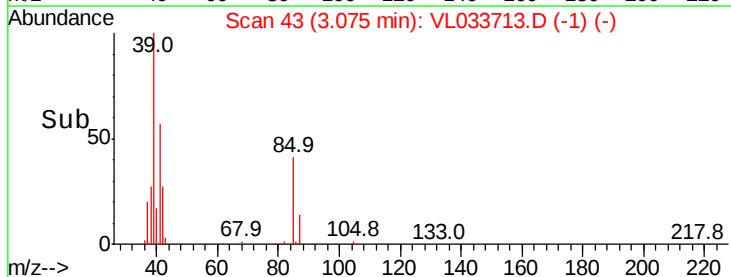
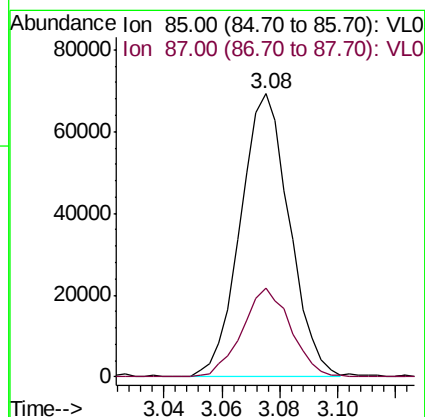
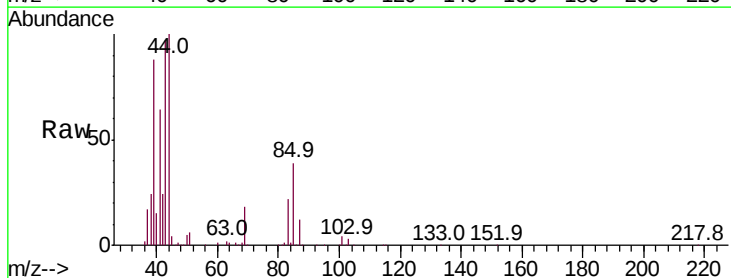
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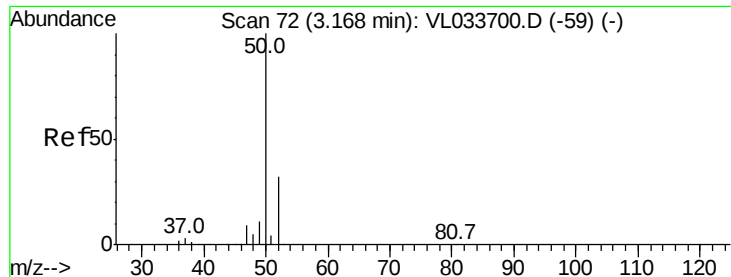


#2

Dichlorodifluoromethane
 Concen: 0.365 ppbv
 RT: 3.08 min Scan# 43
 Delta R.T. 0.00 min
 Lab File: VL033713.D
 Acq: 17 May 2019 12:43

Tgt Ion: 85 Resp: 81211
 Ion Ratio Lower Upper
 85 100
 87 31.4 26.3 39.5





#4

Chloromethane

Concen: 0.489 ppbv

RT: 3.17 min Scan# 71

Delta R.T. -0.00 min

Lab File: VL033713.D

Acq: 17 May 2019 12:43

Instrument :

MSVOA_L

ClientSampled :

SV-01

Tot Ion: 50 Resp: 33840

Ion Ratio Lower Upper

50 100

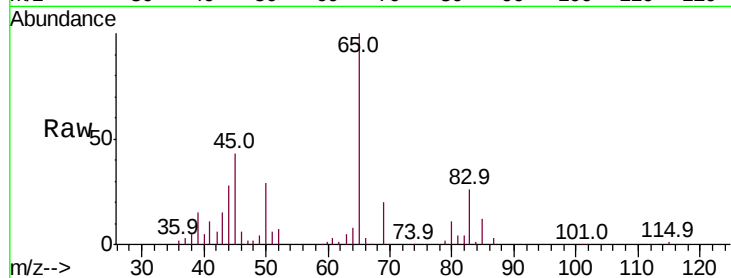
52 26.6 25.7 38.5

Manual Integrations

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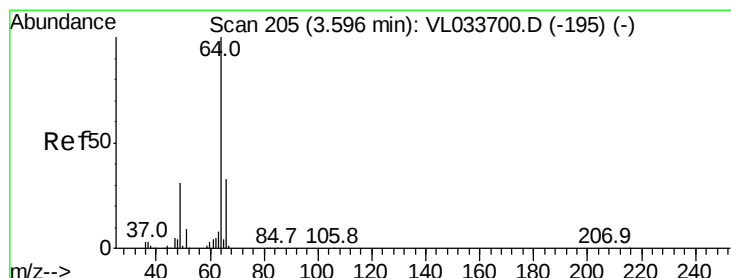
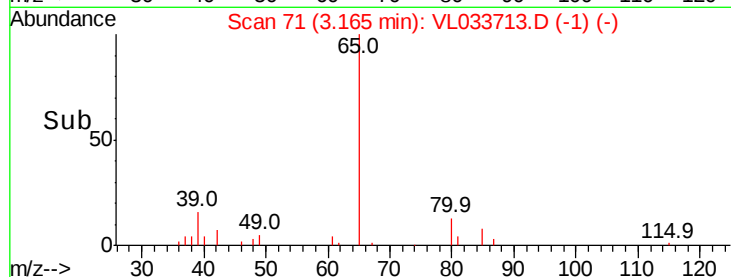
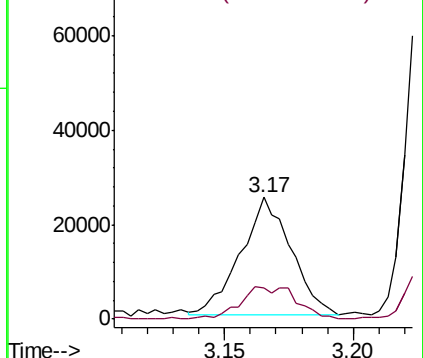
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Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0



#7

Chloroethane

Concen: 0.163 ppbv m

RT: 3.60 min Scan# 207

Delta R.T. 0.01 min

Lab File: VL033713.D

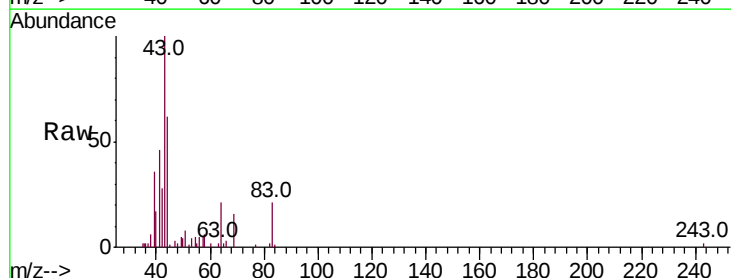
Acq: 17 May 2019 12:43

Tgt Ion: 64 Resp: 4074

Ion Ratio Lower Upper

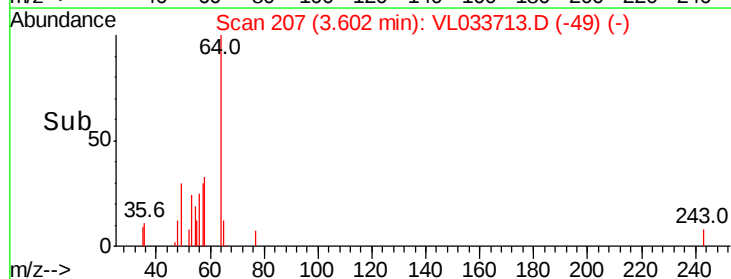
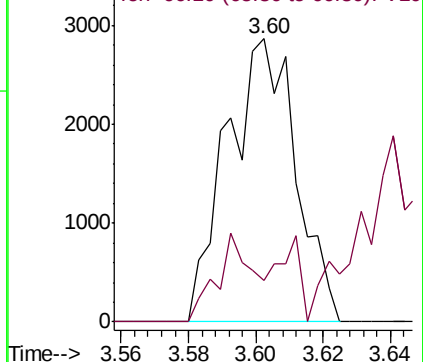
64 100

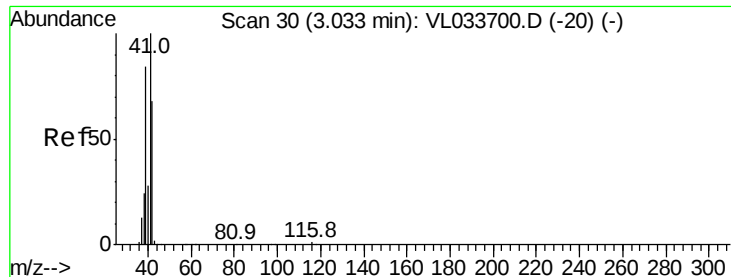
66 14.7 26.6 40.0#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0





#9

Propene

Concen: 162.080 ppbv m

RT: 3.04 min Scan# 32

Delta R.T. 0.01 min

Lab File: VL033713.D

Acq: 17 May 2019 12:43

Instrument :

MSVOA_L

ClientSampleId :

SV-01

Tot Ion: 41 Resp: 8346157

Ion Ratio Lower Upper

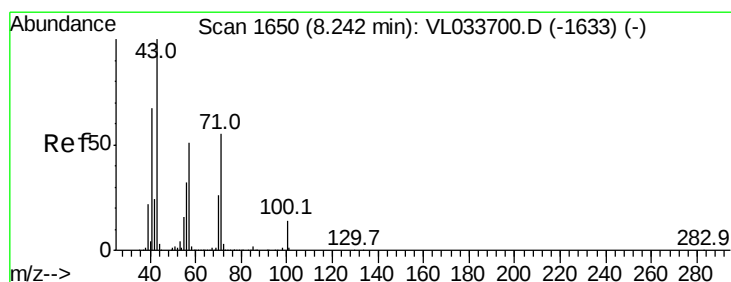
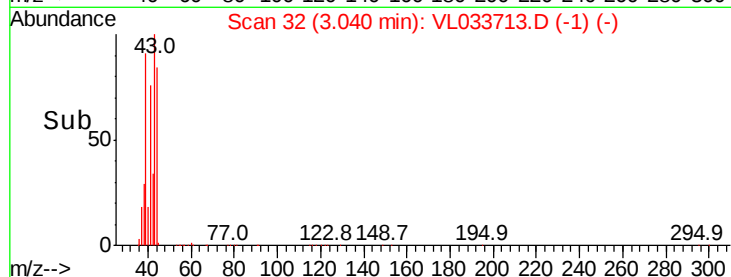
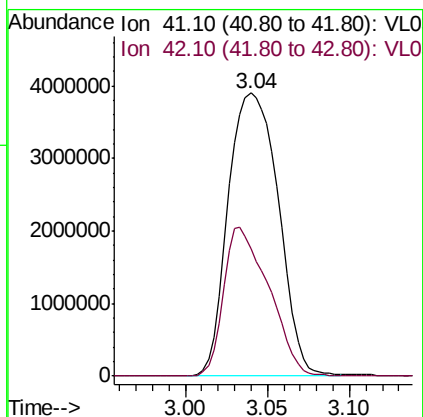
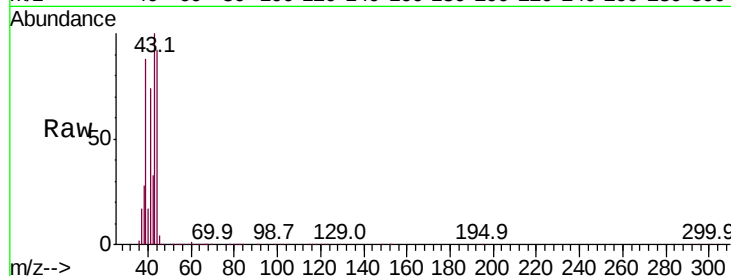
41 100

42 74.3 56.1 84.1

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#10

Heptane

Concen: 10.451 ppbv

RT: 8.25 min Scan# 1652

Delta R.T. 0.01 min

Lab File: VL033713.D

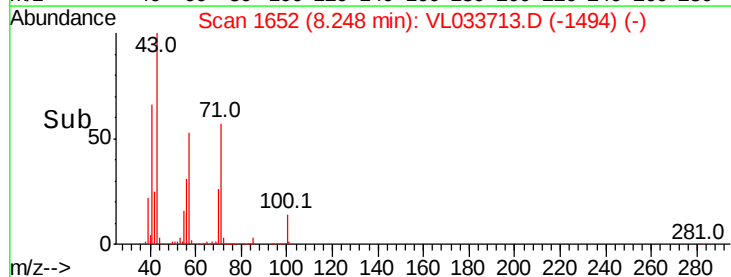
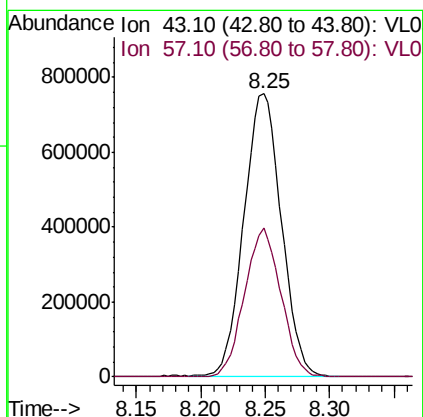
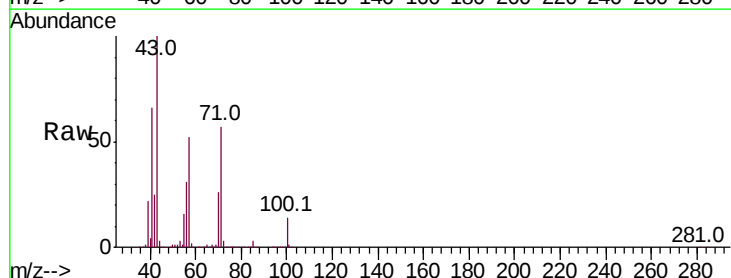
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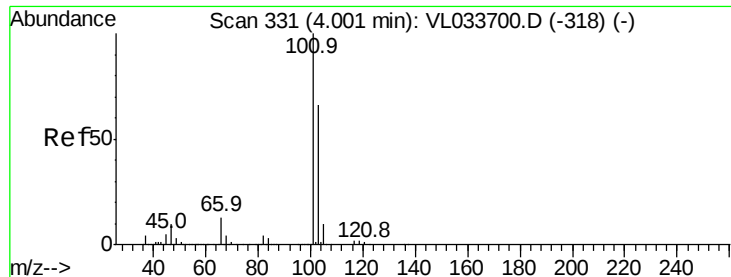
Tgt Ion: 43 Resp: 1524040

Ion Ratio Lower Upper

43 100

57 51.3 41.4 62.0





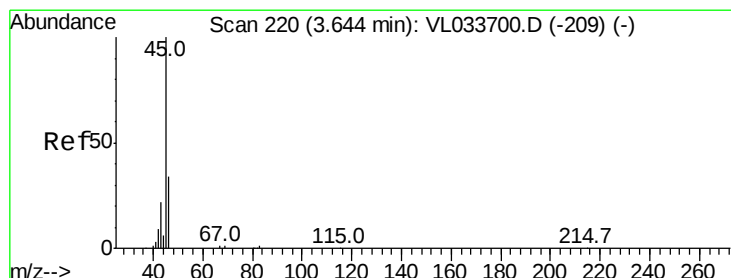
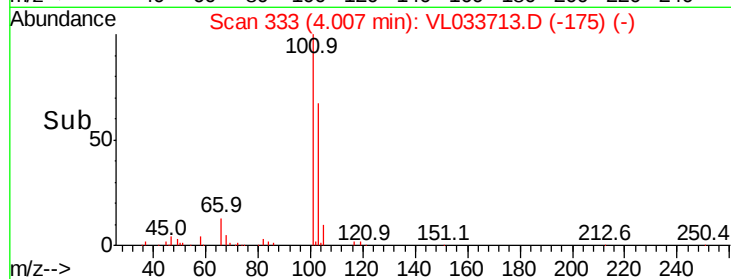
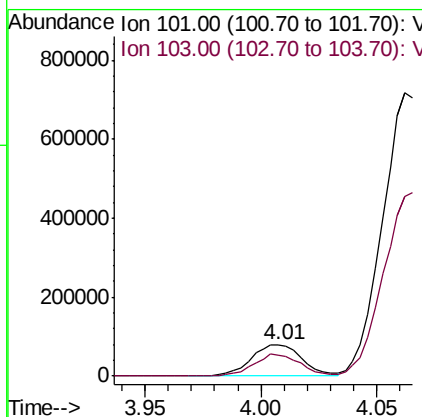
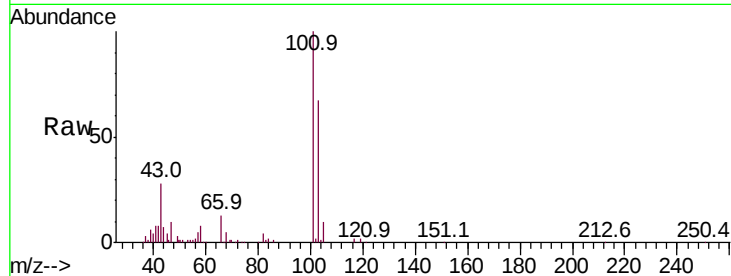
#11
 Trichlorofluoromethane
 Concen: 0.576 ppbv
 RT: 4.01 min Scan# 333
 Delta R.T. 0.01 min
 Lab File: VL033713.D
 Acq: 17 May 2019 12:43

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-01

Tot Ion:101 Resp: 122522
 Ion Ratio Lower Upper
 101 100
 103 67.3 52.6 78.8

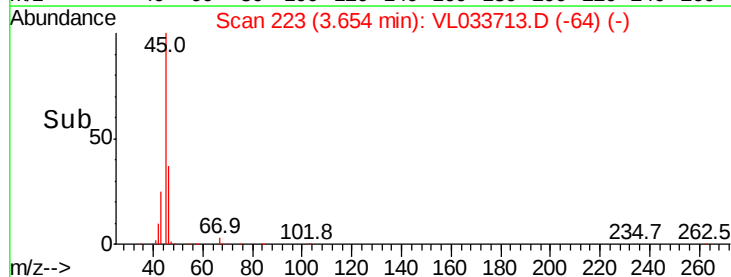
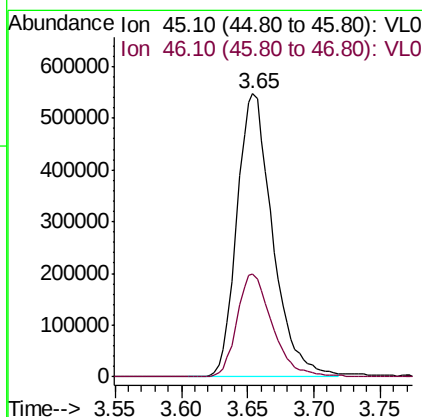
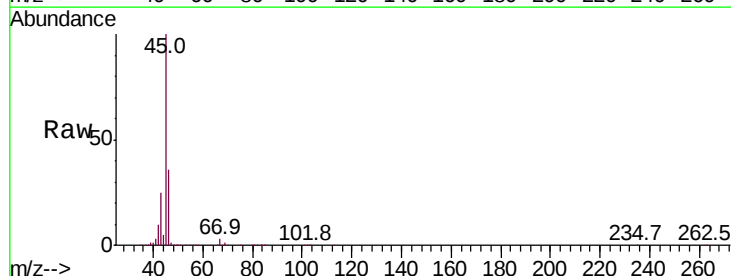
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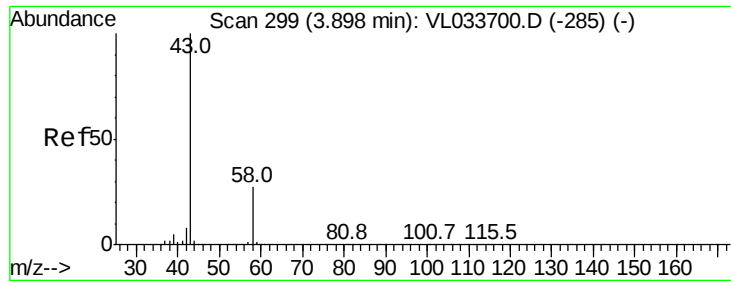
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#13
 Ethanol
 Concen: 61.557 ppbv
 RT: 3.65 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VL033713.D
 Acq: 17 May 2019 12:43

Tgt Ion: 45 Resp: 1024538
 Ion Ratio Lower Upper
 45 100
 46 36.4 14.8 59.0





#15

Acetone

Concen: 101.111 ppbv m

RT: 3.90 min Scan# 299

Delta R.T. 0.00 min

Lab File: VL033713.D

Acq: 17 May 2019 12:43

Instrument :

MSVOA_L

ClientSampleId :

SV-01

Tot Ion: 43 Resp:14827048

Ion Ratio Lower Upper

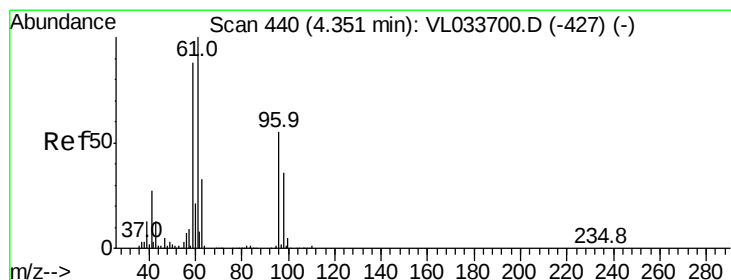
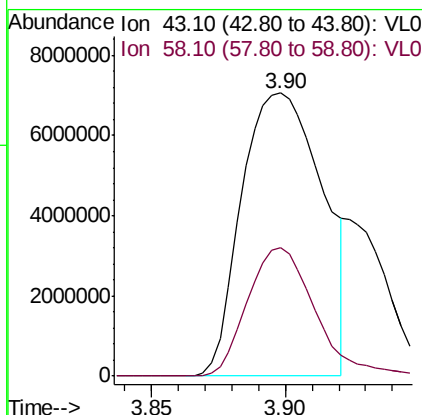
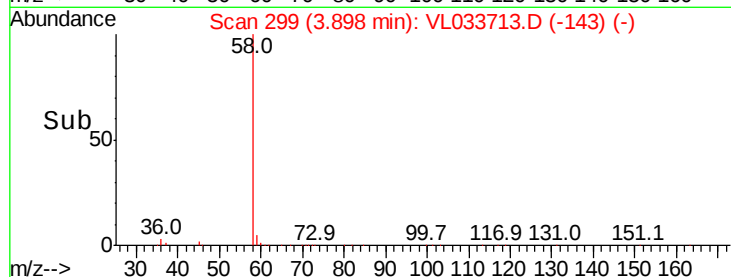
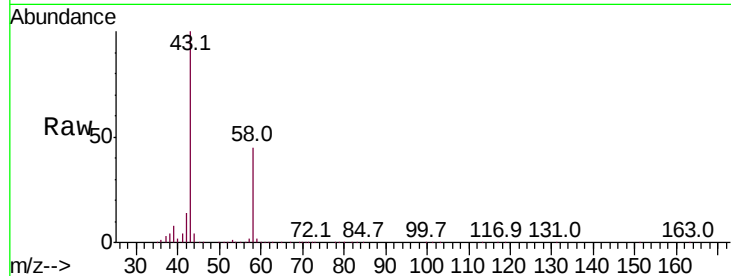
43 100

58 38.4 21.3 31.9#

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5/20/2019 12:05:53 PM



#17

tert-Butyl alcohol

Concen: 0.819 ppbv

RT: 4.37 min Scan# 445

Delta R.T. 0.02 min

Lab File: VL033713.D

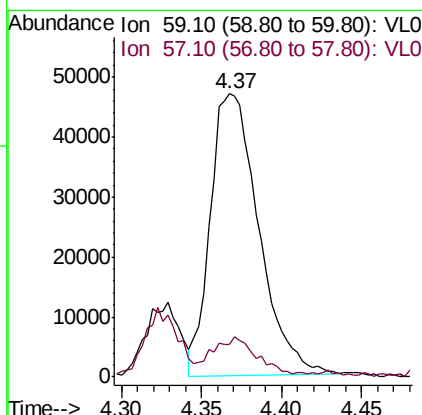
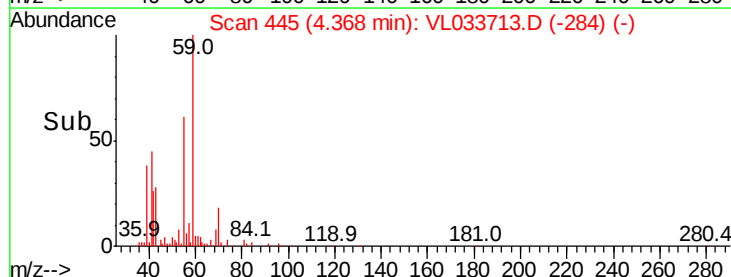
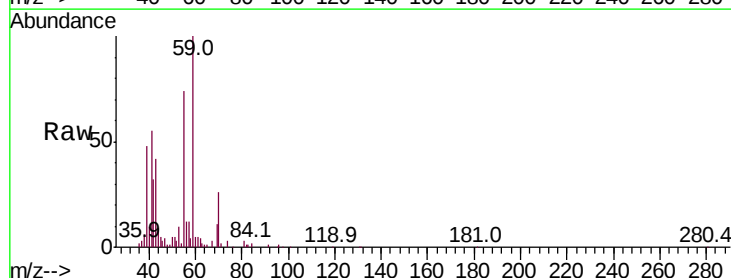
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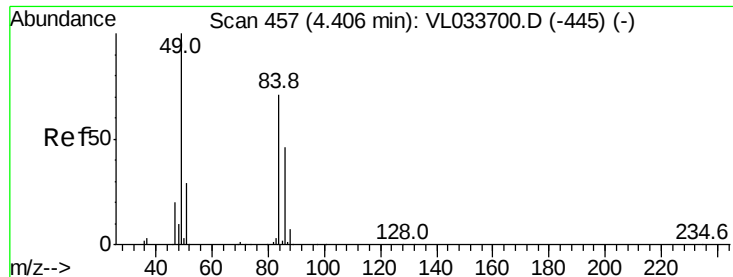
Tgt Ion: 59 Resp: 97082

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#





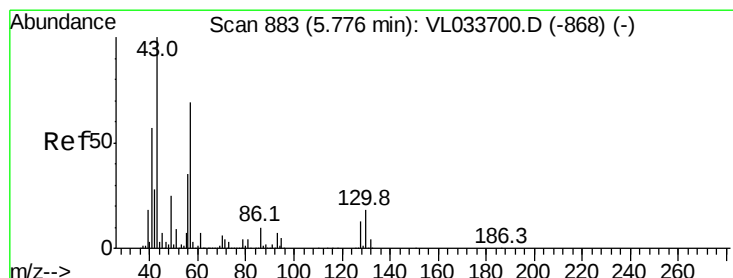
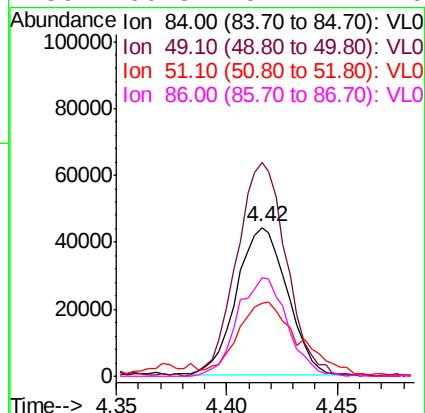
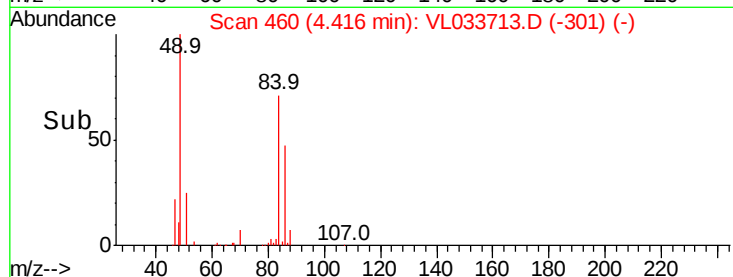
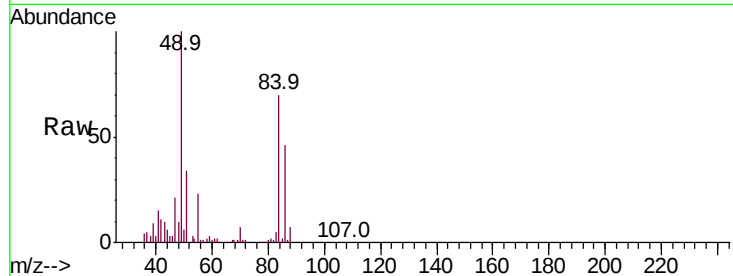
#20
Methvlene Chloride
Concen: 1.256 ppbv
RT: 4.42 min Scan# 460
Delta R.T. 0.01 min
Lab File: VL033713.D
Acq: 17 May 2019 12:43

Instrument :
MSVOA_L
ClientSampled :
SV-01

Tot Ion: 84 Resp: 70904
Ion Ratio Lower Upper
84 100
49 143.6 112.8 169.2
51 42.6 33.4 50.0
86 66.3 51.7 77.5

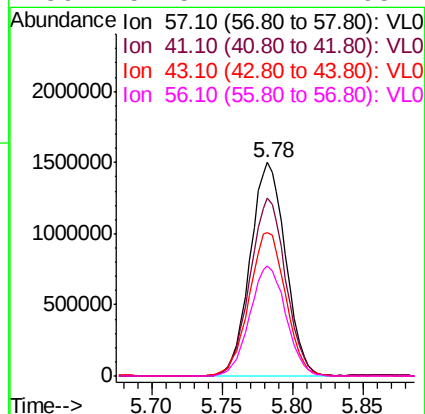
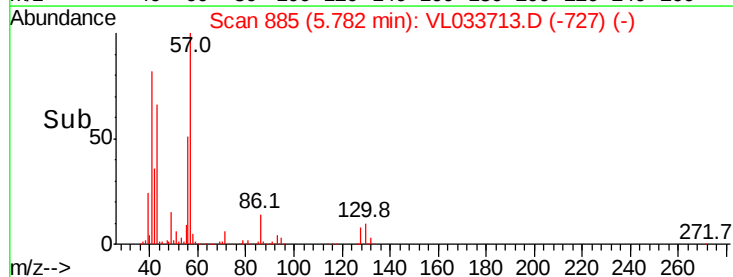
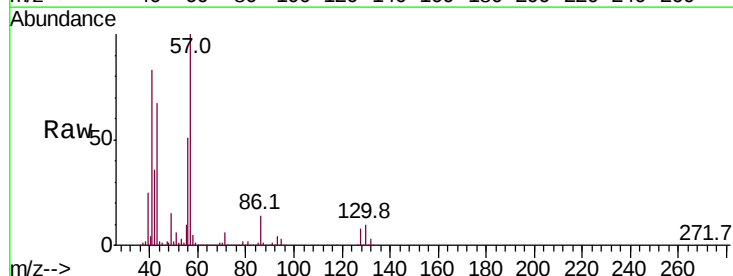
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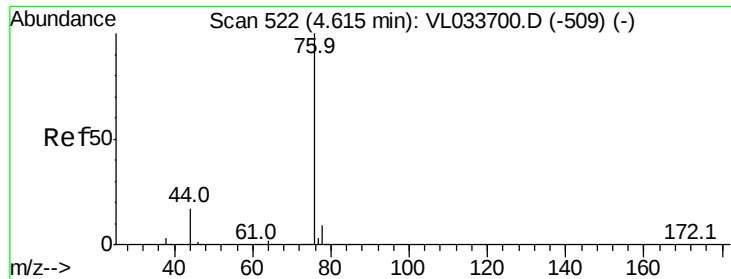
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#26
Hexane
Concen: 23.830 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.01 min
Lab File: VL033713.D
Acq: 17 May 2019 12:43

Tgt Ion: 57 Resp: 2639052
Ion Ratio Lower Upper
57 100
41 83.9 69.8 104.6
43 69.0 181.8 272.6#
56 52.5 42.1 63.1





#27

Carbon Disulfide

Concen: 4.724 ppbv

RT: 4.62 min Scan# 524

Delta R.T. 0.01 min

Lab File: VL033713.D

Acq: 17 May 2019 12:43

Instrument :

MSVOA_L

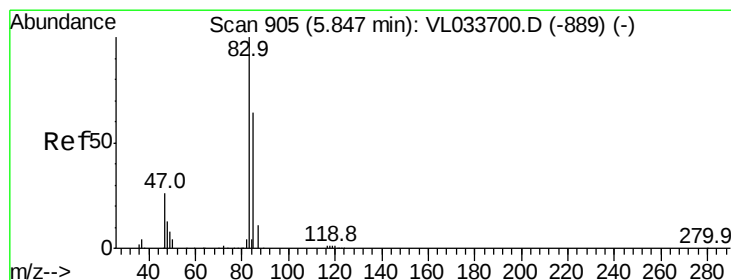
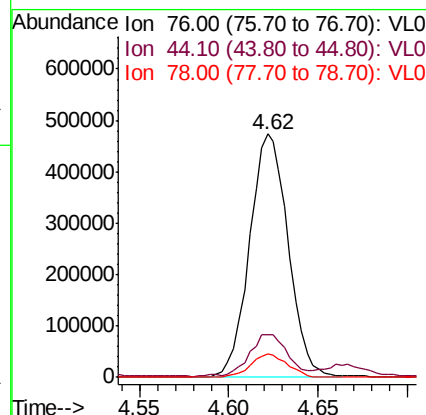
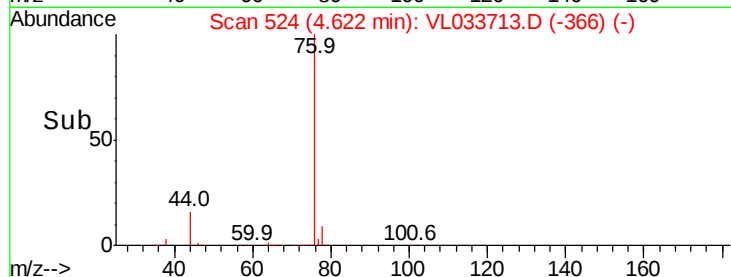
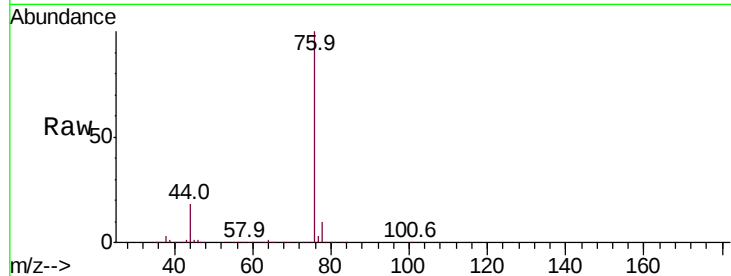
ClientSampleId :

SV-01

Tot Ion:	76	Resp:	717801
Ion	Ratio	Lower	Upper
76	100		
44	17.7	13.8	20.8
78	9.1	7.4	11.0

Manual Integrations
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#29

Chloroform

Concen: 0.137 ppbv m

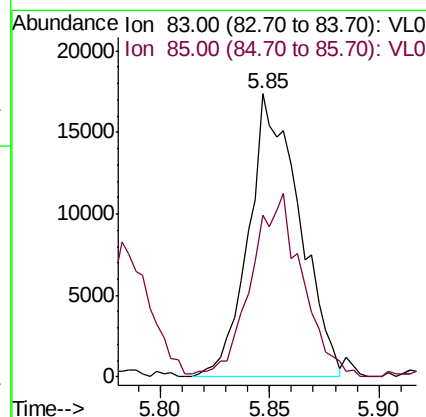
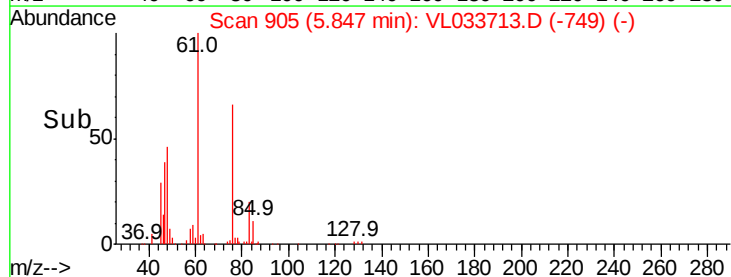
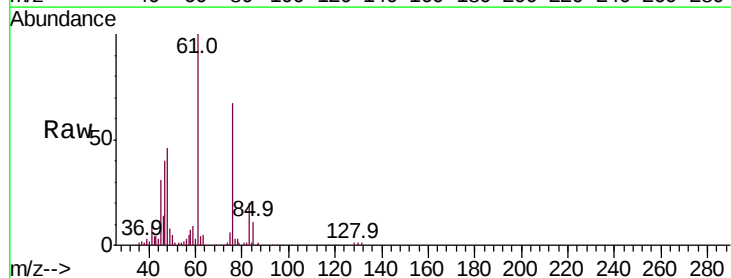
RT: 5.85 min Scan# 905

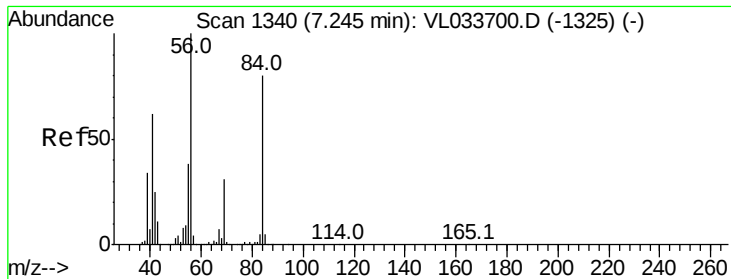
Delta R.T. 0.00 min

Lab File: VL033713.D

Acq: 17 May 2019 12:43

Tgt Ion:	83	Resp:	28048
Ion	Ratio	Lower	Upper
83	100		
85	57.1	51.5	77.3





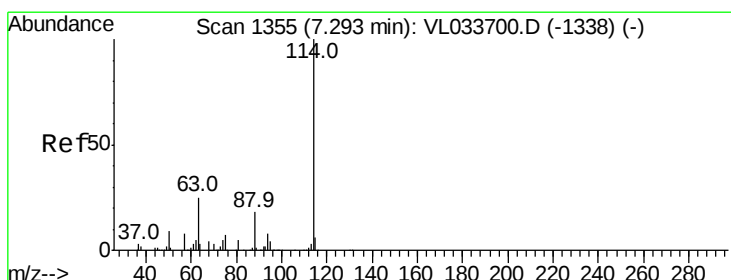
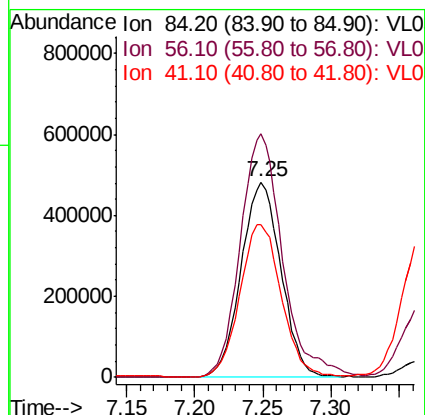
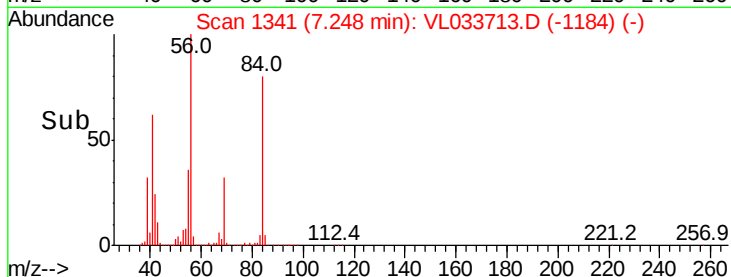
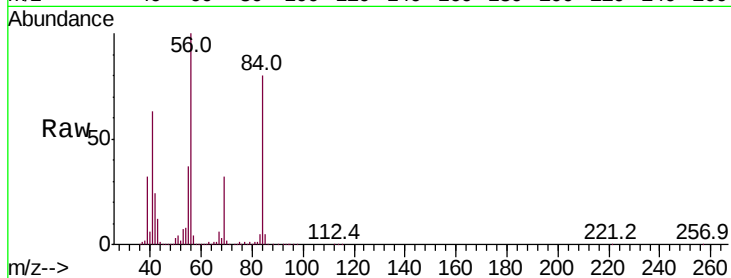
#30
Cyclohexane
Concen: 10.495 ppbv
RT: 7.25 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VL033713.D
Acq: 17 May 2019 12:43

Instrument :
MSVOA_L
ClientSampled :
SV-01

Tot Ion	Ratio	Lower	Upper
84	100		
56	132.1	107.7	161.5
41	81.5	66.0	99.0

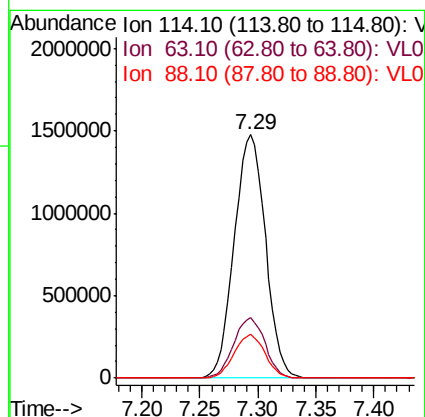
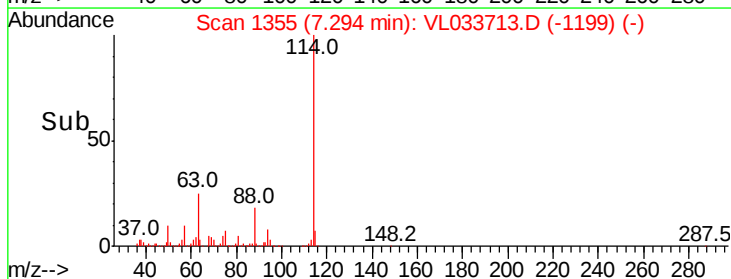
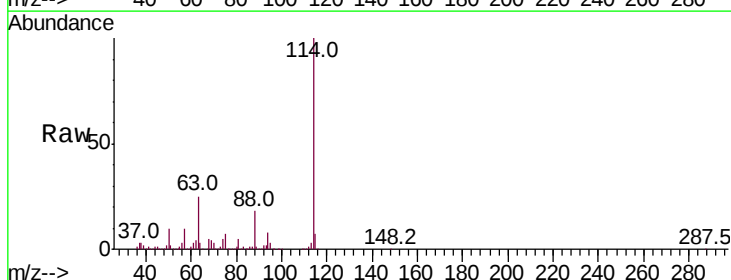
Manual Integrations
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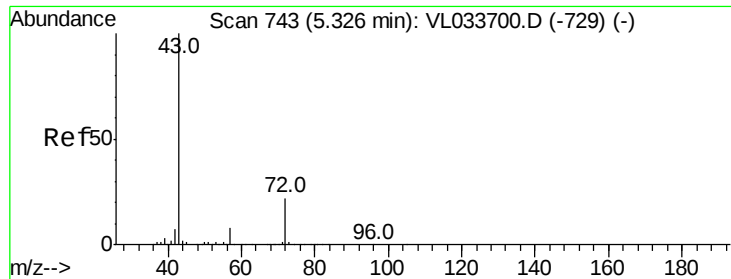
MMDadoda
5/20/2019 12:05:53 PM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. 0.00 min
Lab File: VL033713.D
Acq: 17 May 2019 12:43

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.3	20.9	31.3
88	17.7	14.3	21.5





#34

2-Butanone

Concen: 2.892 ppbv

RT: 5.33 min Scan# 744

Delta R.T. 0.00 min

Lab File: VL033713.D

Acq: 17 May 2019 12:43

Instrument :

MSVOA_L

ClientSampleId :

SV-01

Tot Ion: 43 Resp: 493873

Ion Ratio Lower Upper

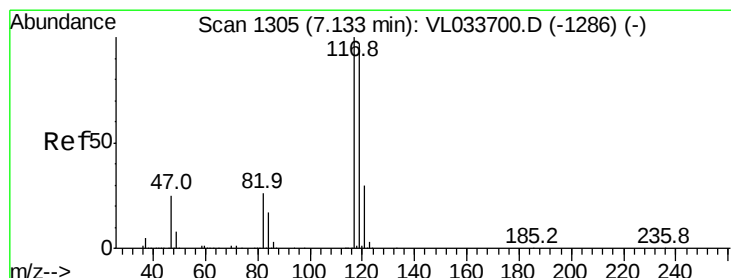
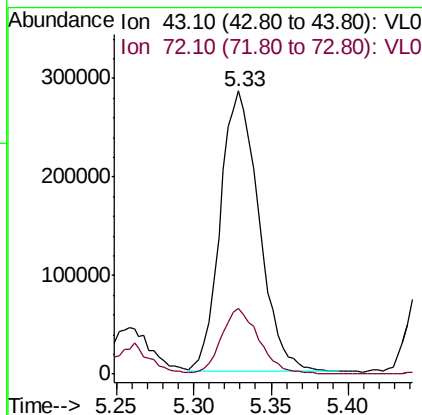
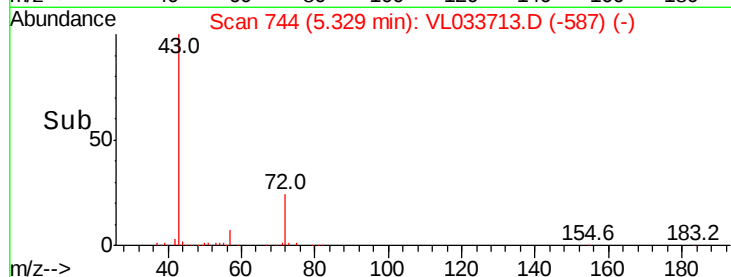
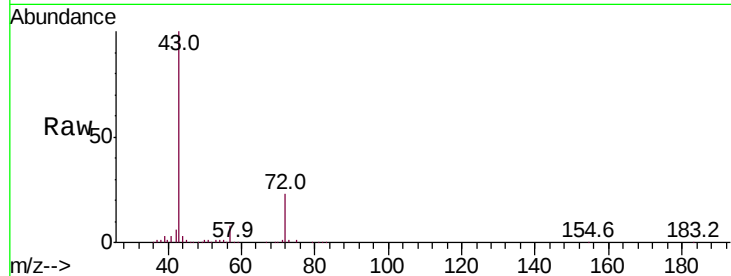
43 100

72 23.3 17.8 26.6

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5/20/2019 12:05:53 PM



#35

Carbon Tetrachloride

Concen: 0.036 ppbv m

RT: 7.14 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VL033713.D

Acq: 17 May 2019 12:43

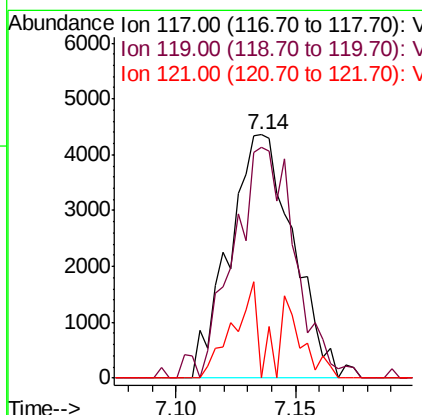
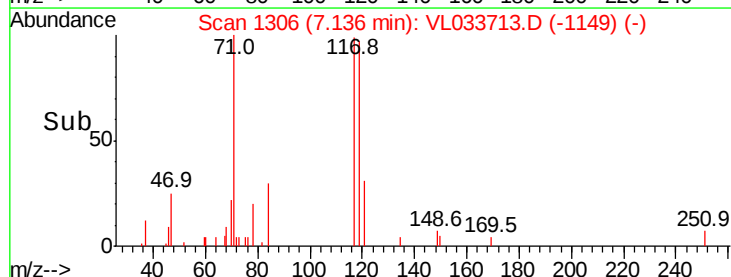
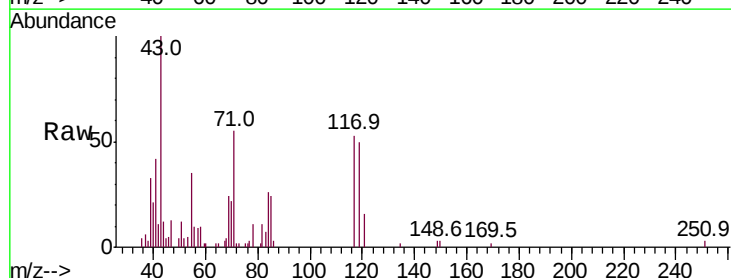
Tgt Ion: 117 Resp: 8038

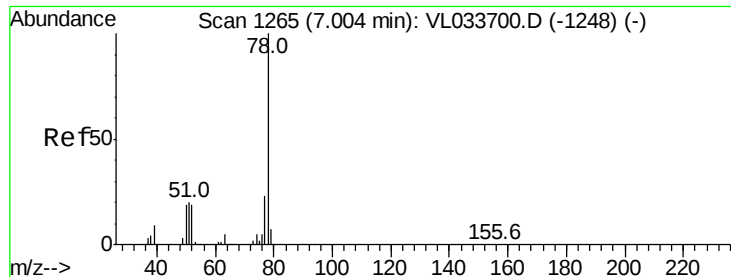
Ion Ratio Lower Upper

117 100

119 94.7 77.2 115.8

121 0.0 24.1 36.1#





#36

Benzene

Concen: 6.595 ppbv

RT: 7.01 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VL033713.D

Acq: 17 May 2019 12:43

Instrument :

MSVOA_L

ClientSampled :

SV-01

Tot Ion: 78 Resp: 1653165

Ion Ratio Lower Upper

78 100

77 22.5 18.4 27.6

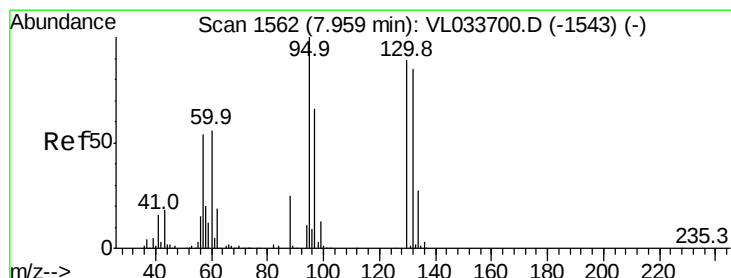
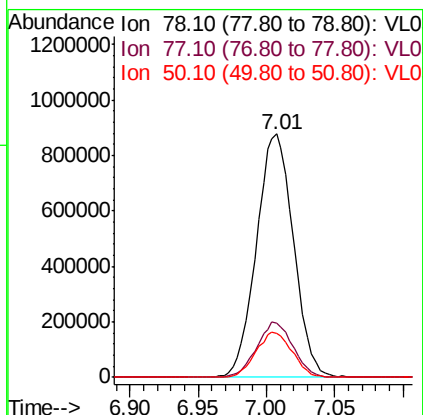
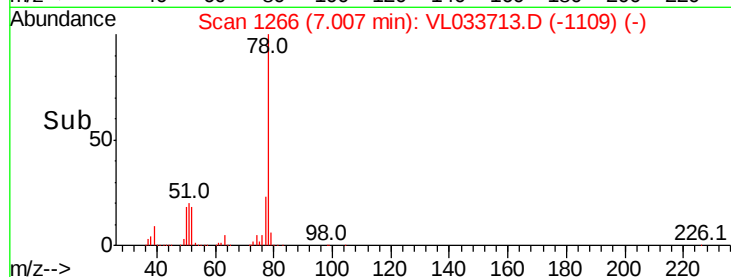
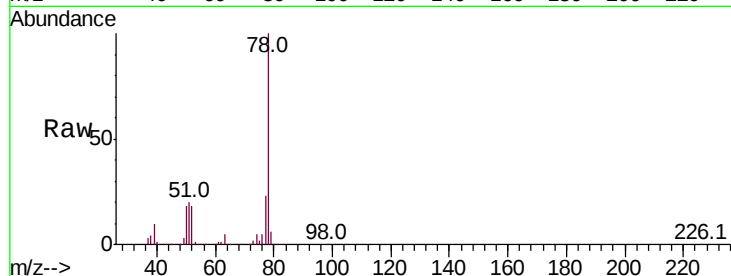
50 18.0 15.5 23.3

Manual Integrations

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5/20/2019 12:05:53 PM



#38

Trichloroethene

Concen: 0.202 ppbv m

RT: 7.96 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VL033713.D

Acq: 17 May 2019 12:43

Tgt Ion:130 Resp: 18809

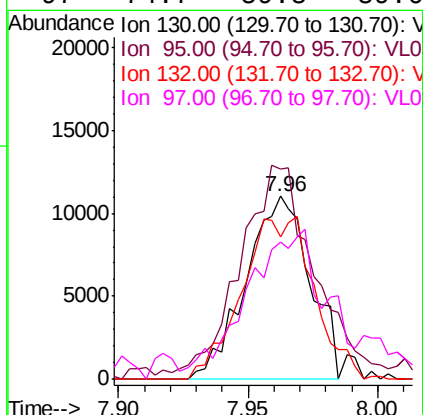
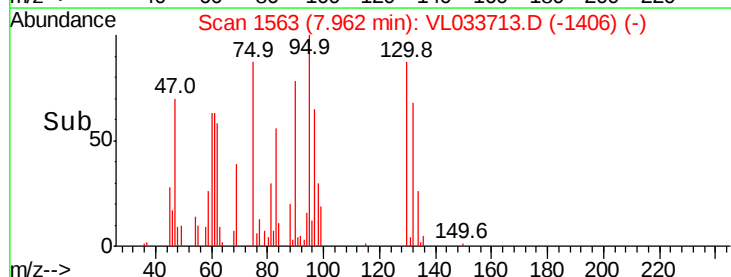
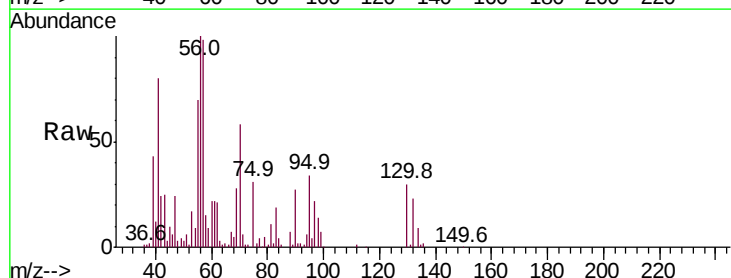
Ion Ratio Lower Upper

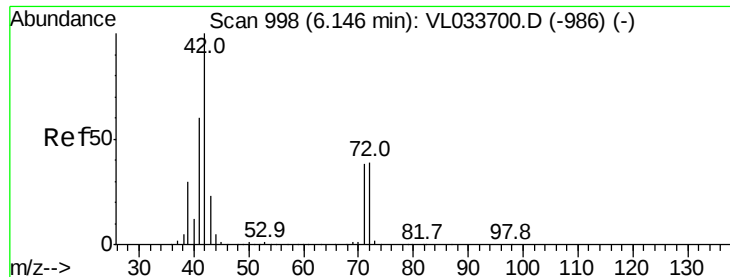
130 100

95 114.6 90.2 135.4

132 77.9 76.4 114.6

97 74.7 59.8 89.6





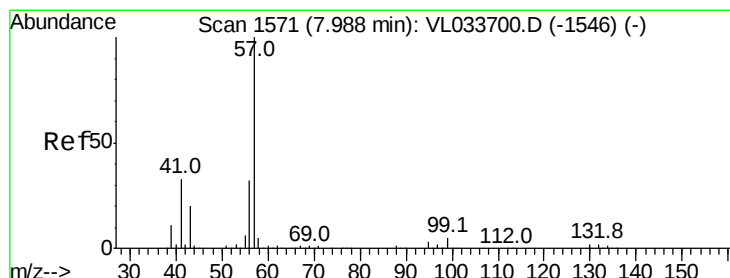
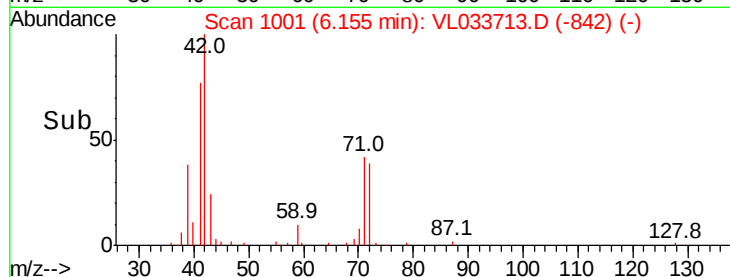
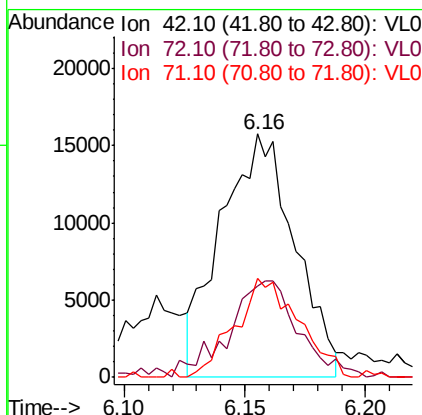
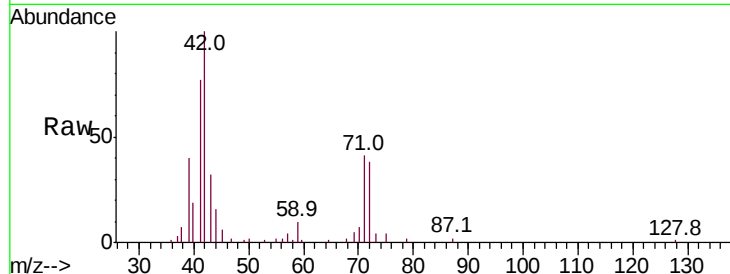
#41
Tetrahydrofuran
Concen: 0.350 ppbv m
RT: 6.16 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VL033713.D
Acq: 17 May 2019 12:43

Instrument :
MSVOA_L
ClientSampled :
SV-01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.8	32.0	48.0
71	35.9	30.4	45.6

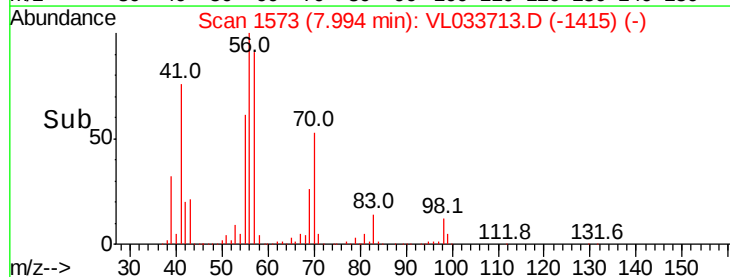
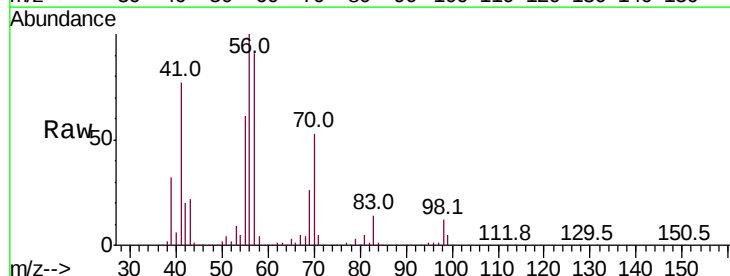
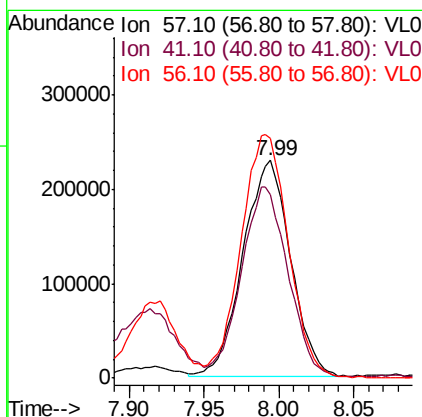
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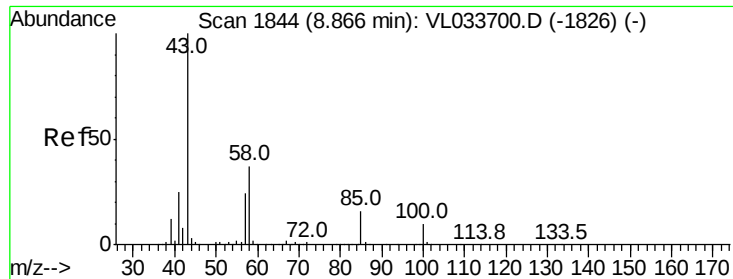
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#44
2,2,4-Trimethylpentane
Concen: 1.192 ppbv
RT: 7.99 min Scan# 1573
Delta R.T. 0.01 min
Lab File: VL033713.D
Acq: 17 May 2019 12:43

Tgt Ion	Ratio	Lower	Upper
57	100		
41	86.7	25.4	38.0#
56	113.3	24.7	37.1#





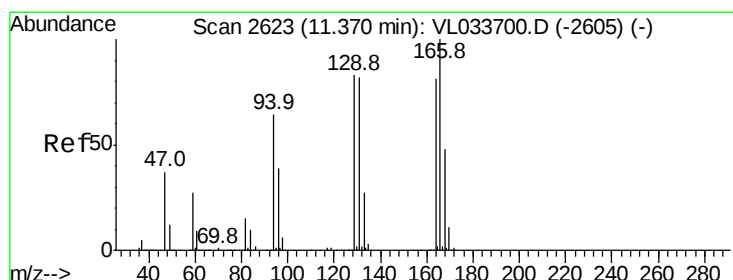
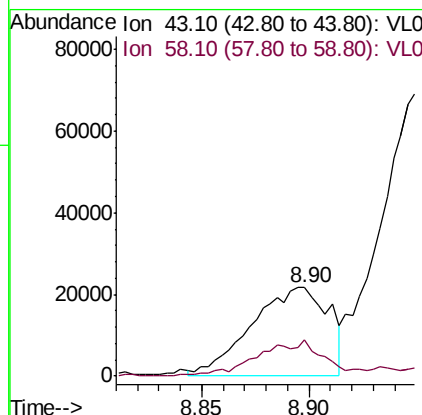
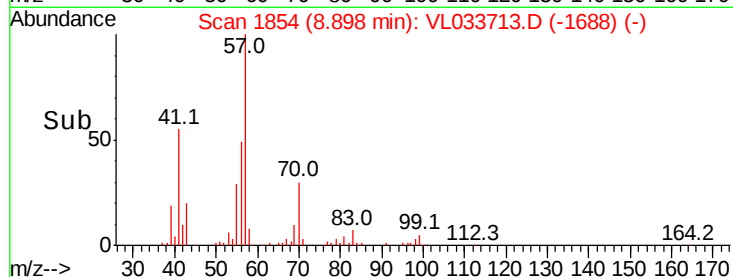
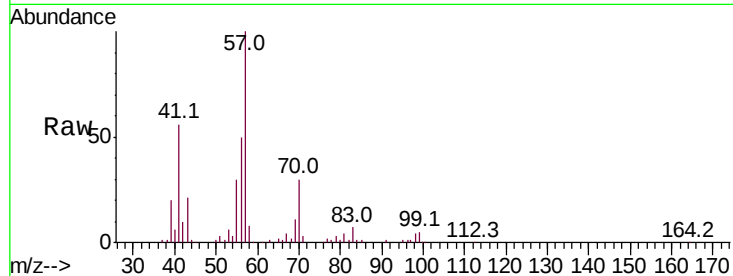
#50
4-Methyl-2-Pentanone
Concen: 0.207 ppbv m
RT: 8.90 min Scan# 1854
Delta R.T. 0.03 min
Lab File: VL033713.D
Acq: 17 May 2019 12:43

Instrument :
MSVOA_L
ClientSampleId :
SV-01

Tot Ion: 43 Resp: 54501
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

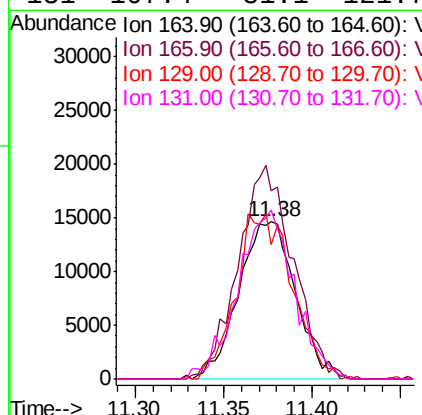
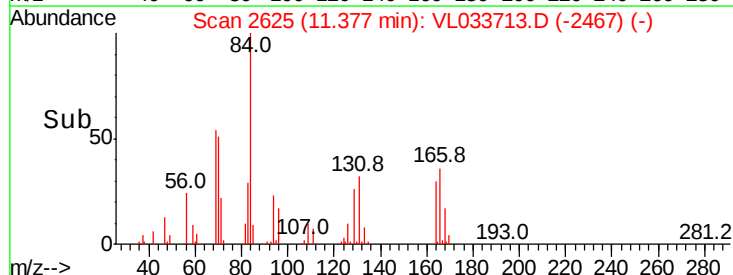
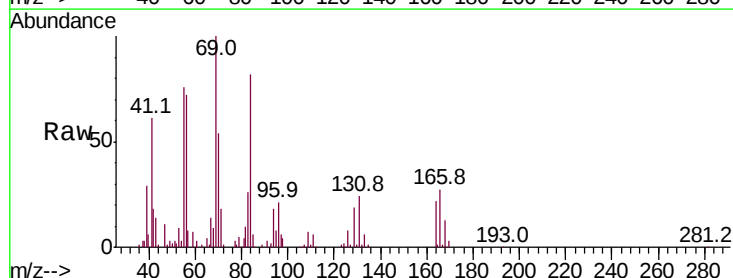
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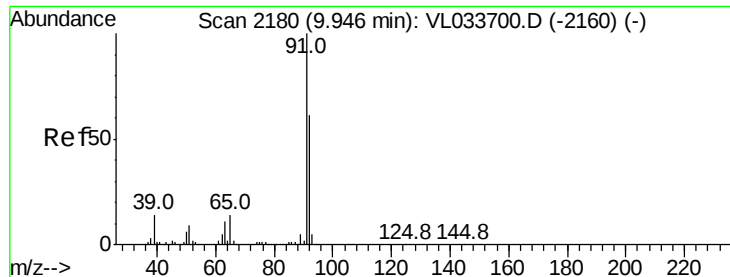
MMDadoda
5/20/2019 12:05:53 PM



#52
Tetrachloroethene
Concen: 0.370 ppbv m
RT: 11.38 min Scan# 2625
Delta R.T. 0.01 min
Lab File: VL033713.D
Acq: 17 May 2019 12:43

Tgt Ion: 164 Resp: 32645
Ion Ratio Lower Upper
164 100
166 119.3 98.9 148.3
129 85.1 81.8 122.6
131 107.4 81.1 121.7





#53

Toluene

Concen: 13.031 ppbv

RT: 9.95 min Scan# 2180

Delta R.T. 0.00 min

Lab File: VL033713.D

Acq: 17 May 2019 12:43

Instrument :

MSVOA_L

ClientSampleId :

SV-01

Tot Ion: 91 Resp: 3523101

Ion Ratio Lower Upper

91 100

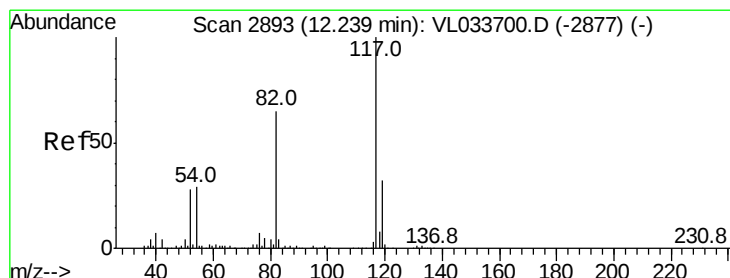
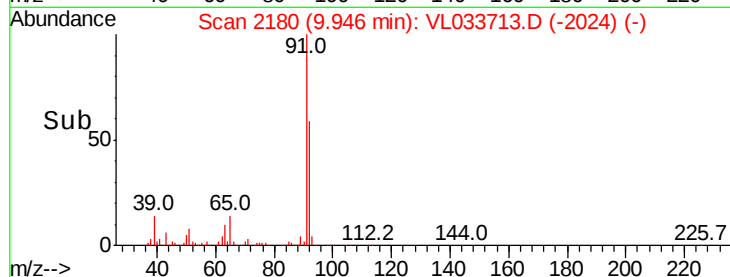
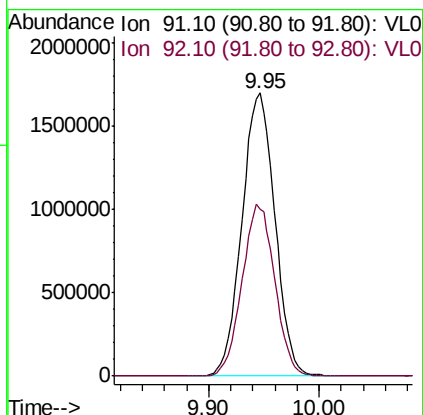
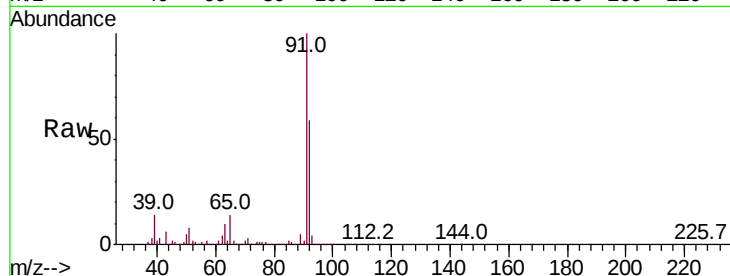
92 60.3 47.6 71.4

Manual Integrations

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5/20/2019 12:05:53 PM



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.24 min Scan# 2893

Delta R.T. 0.00 min

Lab File: VL033713.D

Acq: 17 May 2019 12:43

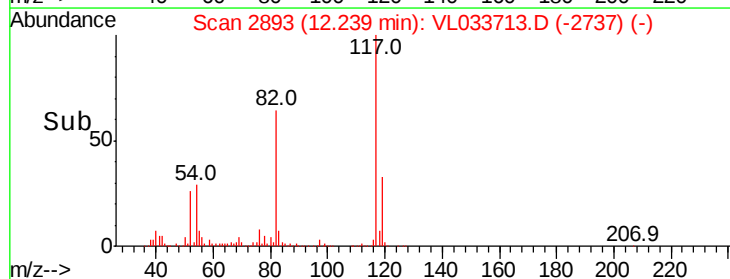
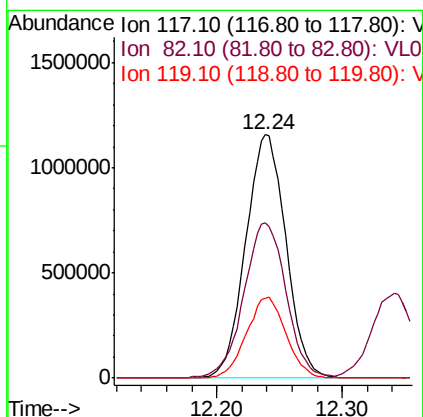
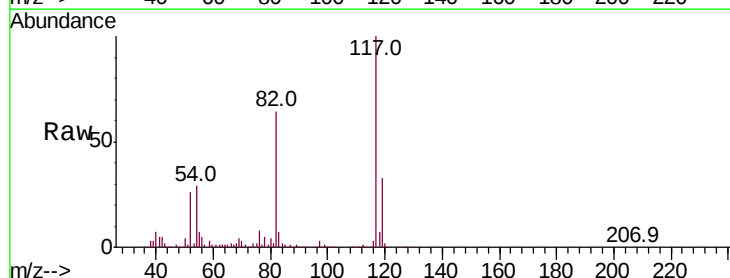
Tgt Ion: 117 Resp: 2581955

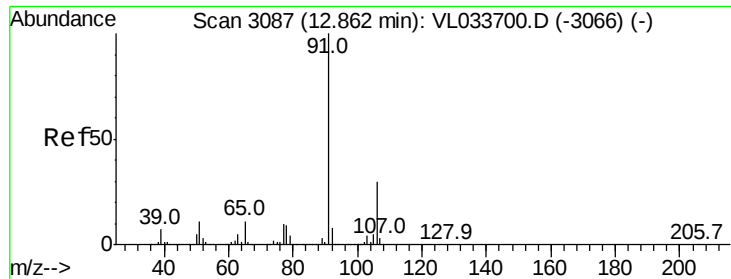
Ion Ratio Lower Upper

117 100

82 66.8 49.4 74.0

119 32.8 24.9 37.3





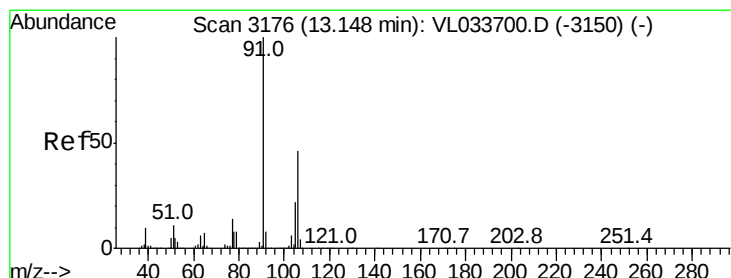
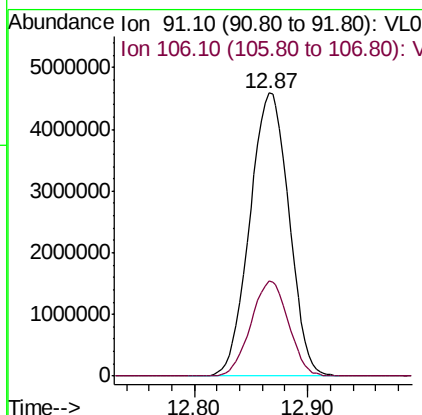
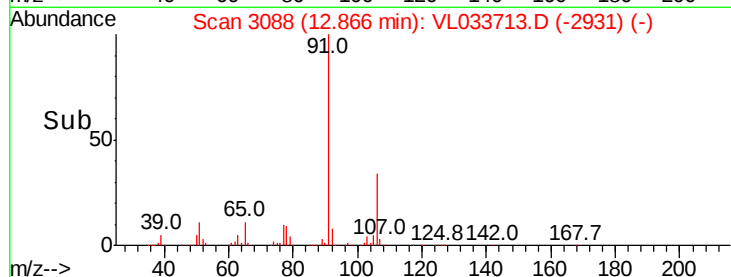
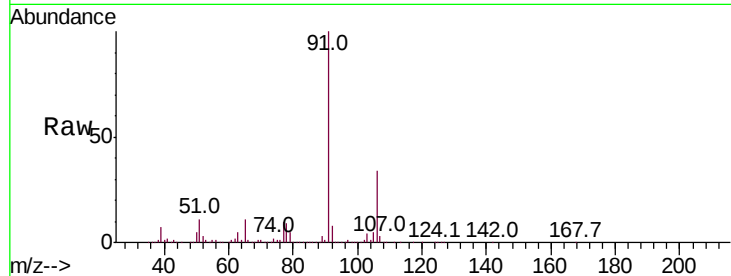
#58
Ethyl Benzene
Concen: 32.272 ppbv
RT: 12.87 min Scan# 3088
Delta R.T. 0.00 min
Lab File: VL033713.D
Acq: 17 May 2019 12:43

Instrument :
MSVOA_L
ClientSampled :
SV-01

Tot Ion: 91 Resp:11034299
Ion Ratio Lower Upper
91 100
106 33.9 23.9 35.9

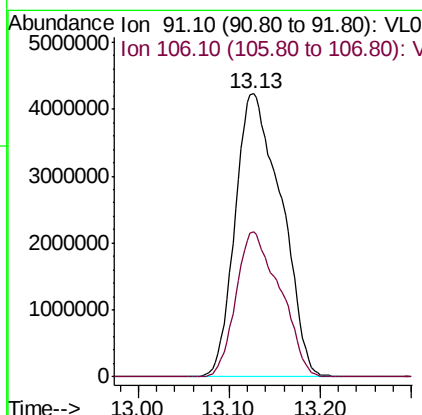
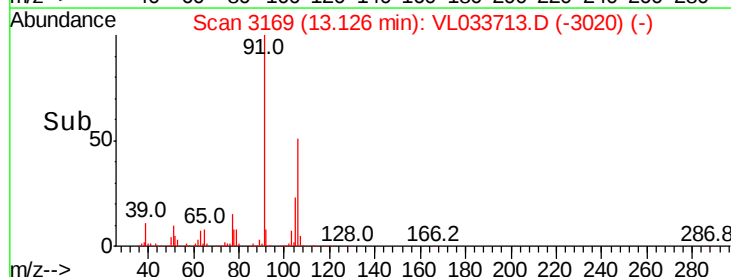
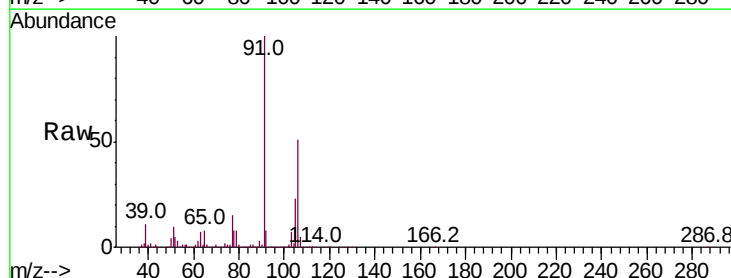
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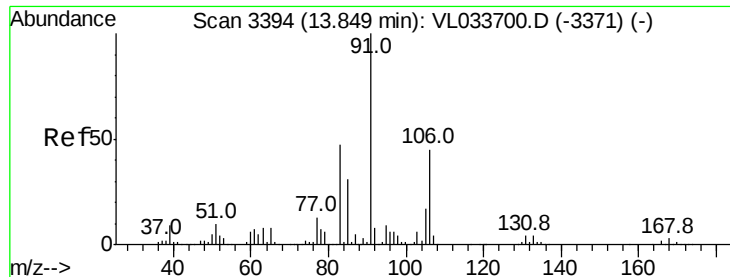
MMDadoda
5/20/2019 12:05:53 PM



#59
m/p-Xylene
Concen: 49.644 ppbv
RT: 13.13 min Scan# 3169
Delta R.T. -0.02 min
Lab File: VL033713.D
Acq: 17 May 2019 12:43

Tgt Ion: 91 Resp:14837988
Ion Ratio Lower Upper
91 100
106 49.3 35.8 53.6





#60

o-Xylene

Concen: 13.995 ppbv

RT: 13.85 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VL033713.D

Acq: 17 May 2019 12:43

Instrument :

MSVOA_L

ClientSampled :

SV-01

Tot Ion: 91 Resp: 4216636

Ion Ratio Lower Upper

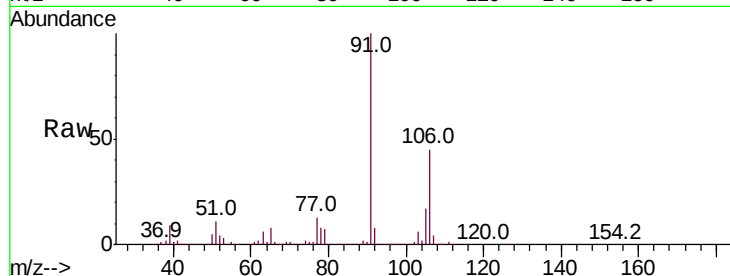
91 100

106 44.6 21.6 64.8

Manual Integrations
APPROVED

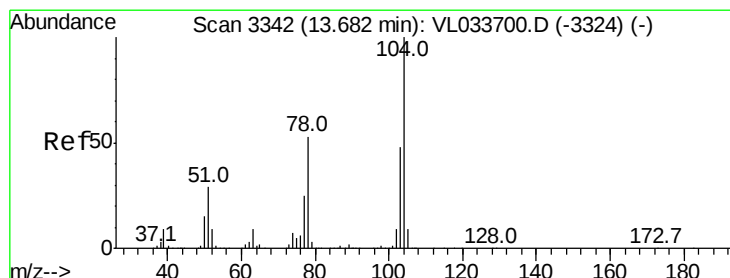
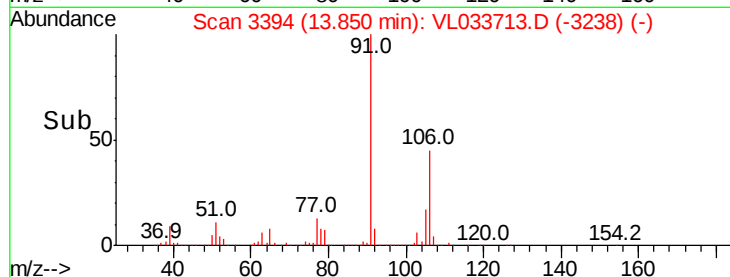
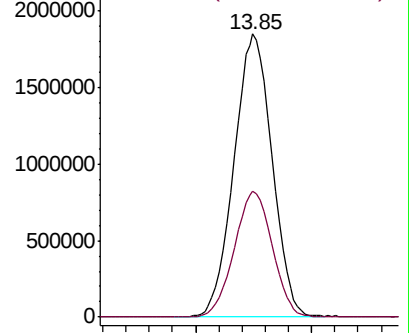
MMDadoda

5/20/2019 12:05:53 PM



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#61

Styrene

Concen: 0.166 ppbv m

RT: 13.68 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VL033713.D

Acq: 17 May 2019 12:43

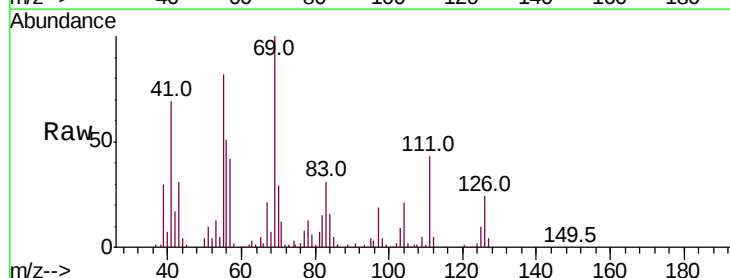
Tgt Ion: 104 Resp: 33578

Ion Ratio Lower Upper

104 100

78 0.0 42.6 64.0#

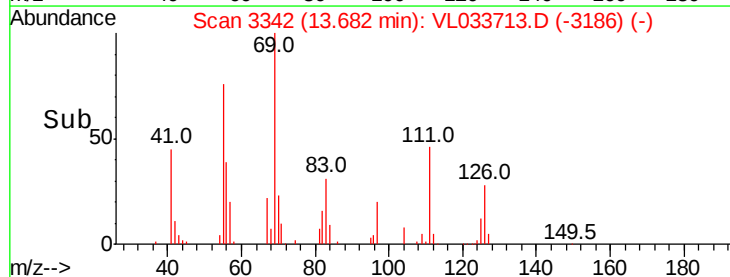
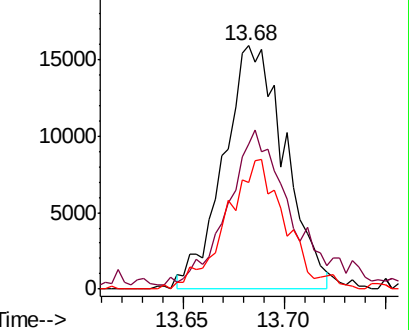
103 0.0 37.8 56.6#

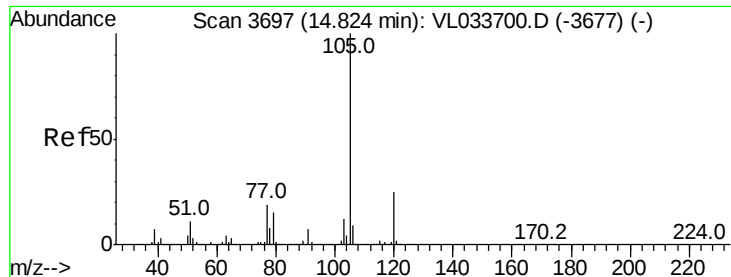


Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V





#62

Isopropylbenzene

Concen: 0.213 ppbv m

RT: 14.83 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VL033713.D

Acq: 17 May 2019 12:43

Instrument :

MSVOA_L

ClientSampleId :

SV-01

Tot Ion:105 Resp: 86495

Ion Ratio Lower Upper

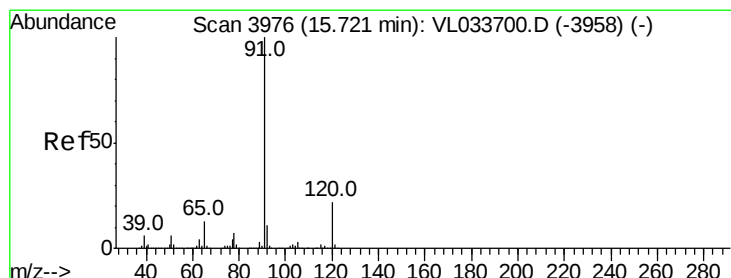
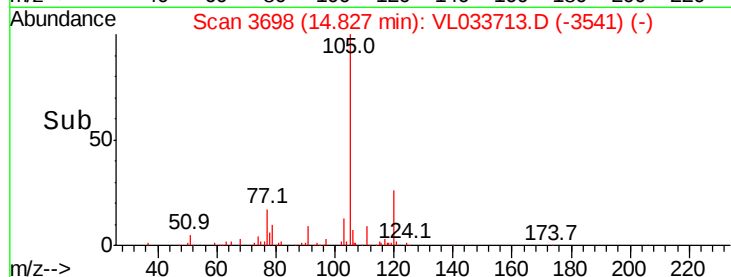
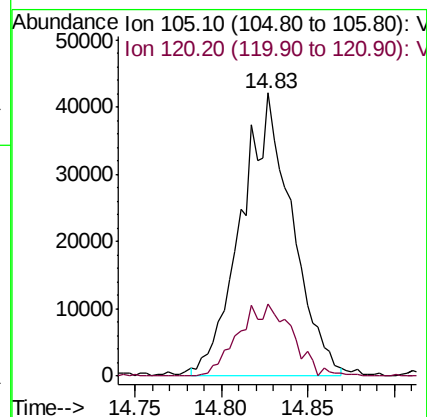
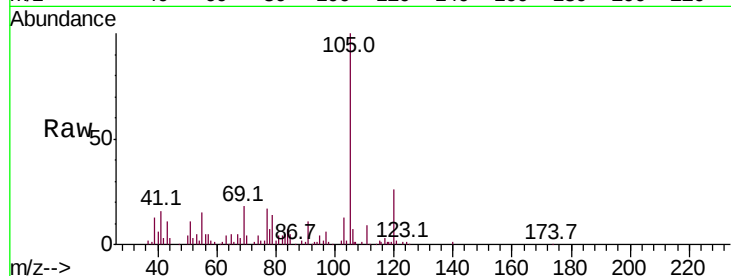
105 100

120 26.9 20.1 30.1

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#64

n-propylbenzene

Concen: 0.123 ppbv m

RT: 15.72 min Scan# 3977

Delta R.T. 0.00 min

Lab File: VL033713.D

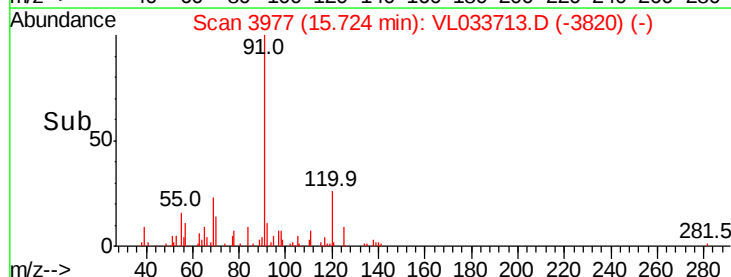
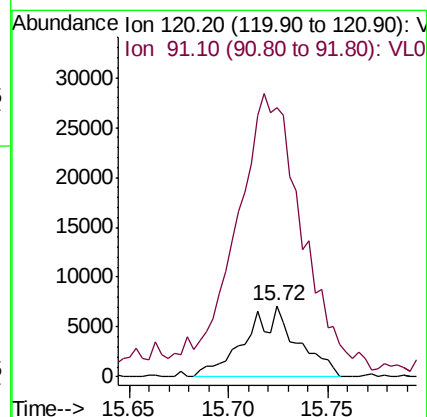
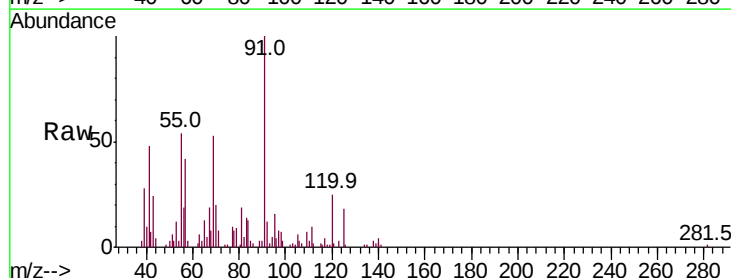
Acq: 17 May 2019 12:43

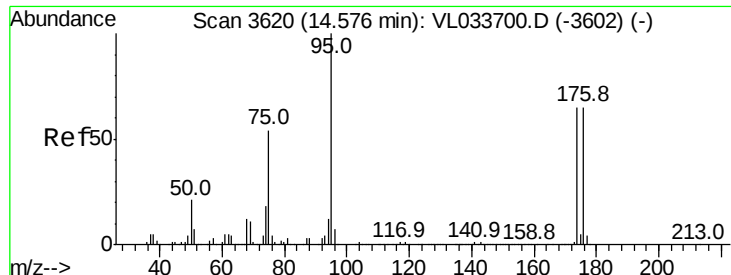
Tgt Ion:120 Resp: 12907

Ion Ratio Lower Upper

120 100

91 0.0 379.1 568.7#





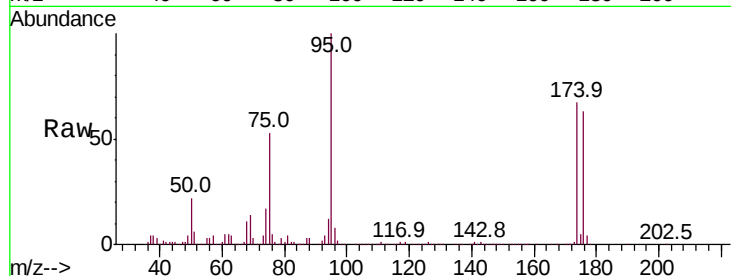
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.765 ppbv
 RT: 14.58 min Scan# 3620
 Delta R.T. 0.00 min
 Lab File: VL033713.D
 Acq: 17 May 2019 12:43

Instrument :
 MSVOA_L
 ClientSampled :
 SV-01

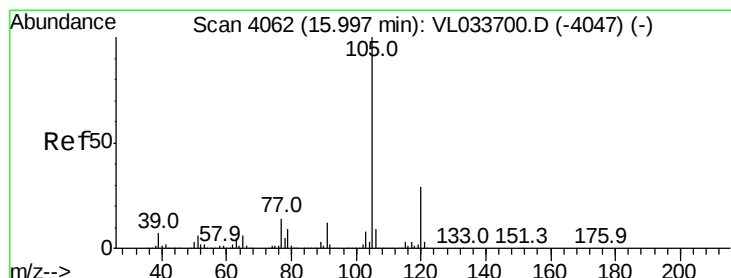
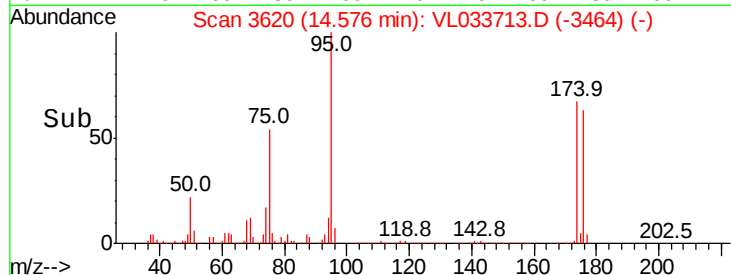
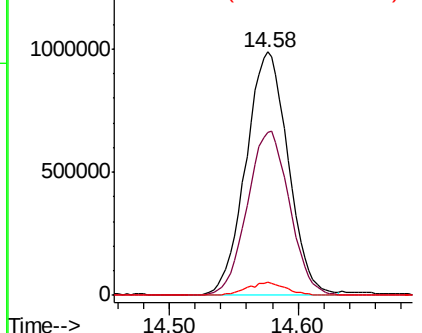
Tot Ion: 95 Resp: 2253266
 Ion Ratio Lower Upper
 95 100
 174 67.6 53.9 80.9
 175 4.9 3.8 5.8

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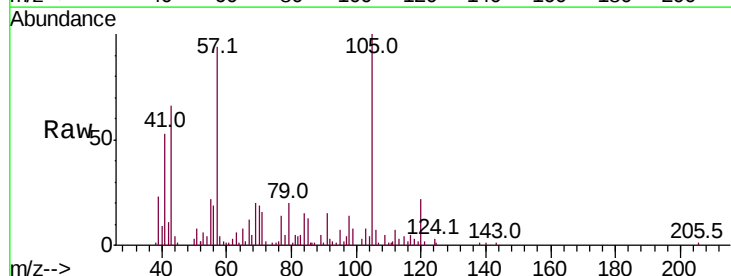


Abundance Ion 95.10 (94.80 to 95.80): VL0
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V

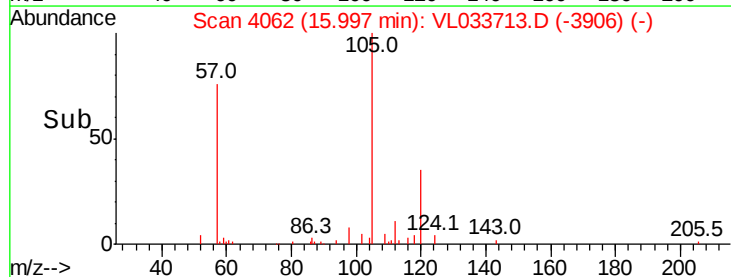
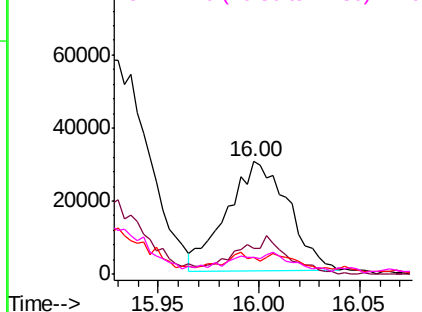


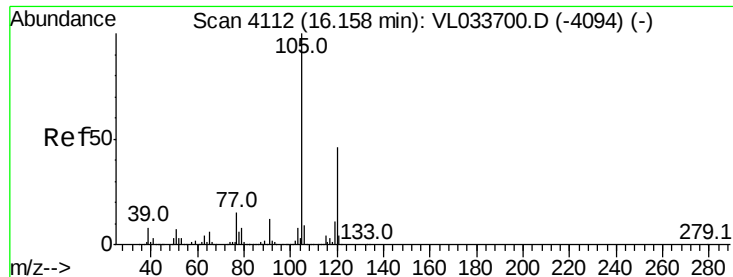
#72
 4-Ethyltoluene
 Concen: 0.185 ppbv
 RT: 16.00 min Scan# 4062
 Delta R.T. 0.00 min
 Lab File: VL033713.D
 Acq: 17 May 2019 12:43

Tgt Ion:105 Resp: 63689
 Ion Ratio Lower Upper
 105 100
 120 28.3 23.1 34.7
 91 21.8 10.4 15.6#
 77 19.6 11.0 16.6#



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





#73

1,3,5-Trimethylbenzene

Concen: 0.147 ppbv

RT: 16.16 min Scan# 4113

Delta R.T. 0.00 min

Lab File: VL033713.D

Acq: 17 May 2019 12:43

Instrument :

MSVOA_L

ClientSampled :

SV-01

Tot Ion:105 Resp: 49462

Ion Ratio Lower Upper

105 100

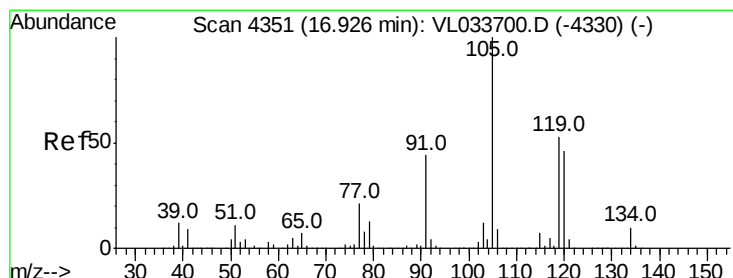
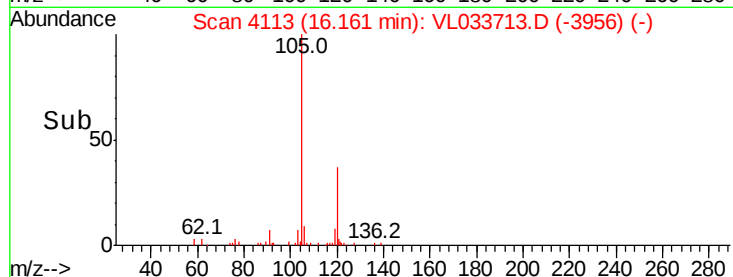
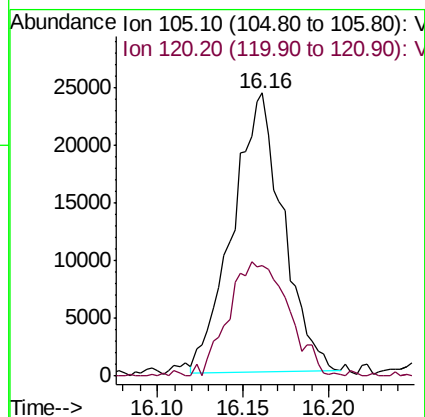
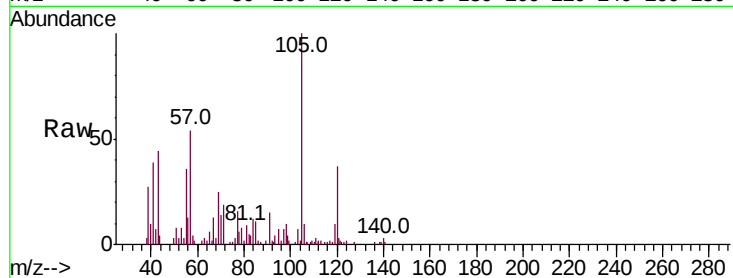
120 40.0 37.0 55.4

Manual Integrations

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#74

1,2,4-Trimethylbenzene

Concen: 0.446 ppbv m

RT: 16.93 min Scan# 4352

Delta R.T. 0.00 min

Lab File: VL033713.D

Acq: 17 May 2019 12:43

Tgt Ion:105 Resp: 163195

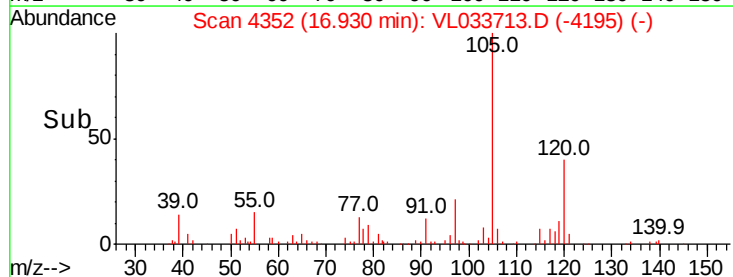
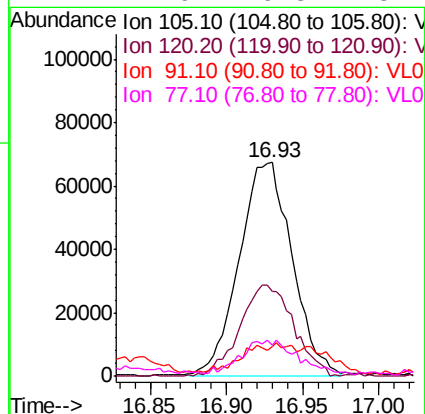
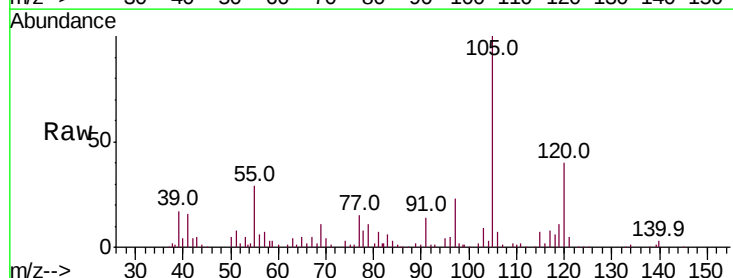
Ion Ratio Lower Upper

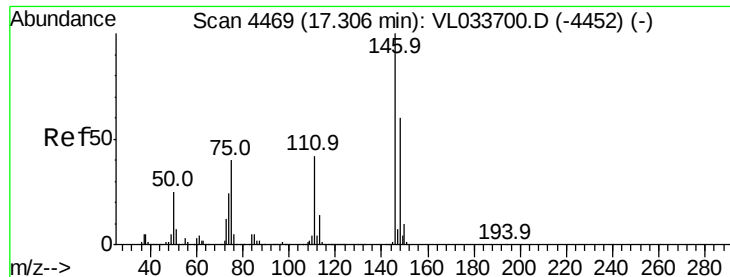
105 100

120 39.6 36.8 55.2

91 14.0 35.4 53.0#

77 14.6 16.8 25.2#





#76

1,4-Dichlorobenzene

Concen: 0.356 ppbv m

RT: 17.30 min Scan# 4466

Delta R.T. -0.01 min

Lab File: VL033713.D

Acq: 17 May 2019 12:43

Instrument :

MSVOA_L

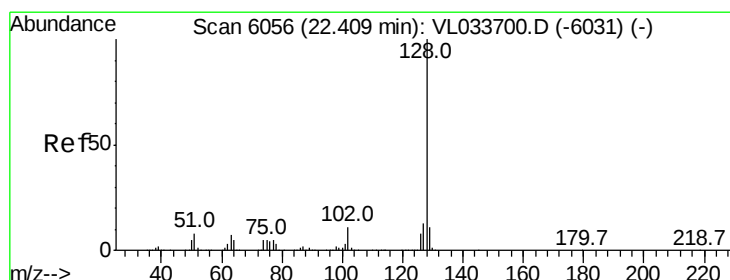
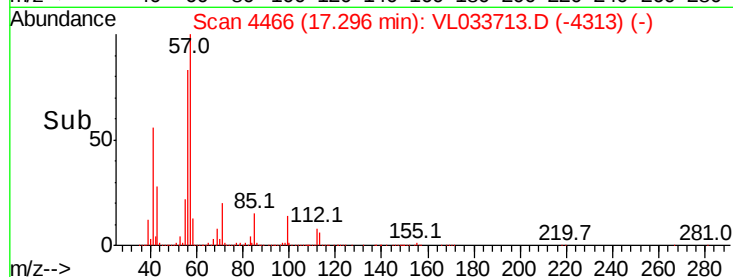
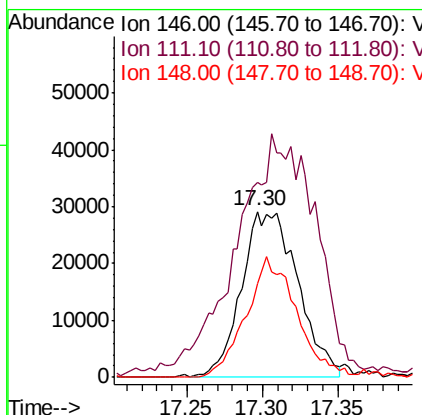
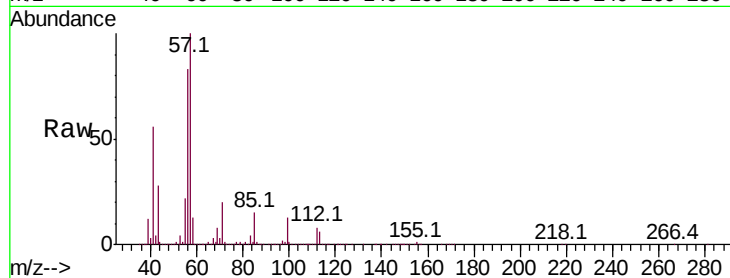
ClientSampled :

SV-01

Tot Ion	Ratio	Lower	Upper
146	100		
111	211.0	21.9	65.8#
148	67.0	32.1	96.3

Manual Integrations
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#79

Naphthalene

Concen: 0.159 ppbv m

RT: 22.41 min Scan# 6056

Delta R.T. 0.00 min

Lab File: VL033713.D

Acq: 17 May 2019 12:43

Tgt Ion	Ratio	Lower	Upper
128	100		
127	10.8	10.6	16.0
129	10.4	8.9	13.3

