

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120219\
 Data File : VL034426.D
 Acq On : 2 Dec 2019 15:00
 Operator : SY/AP
 Sample : K6068-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2

Manual Integrations
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Quant Time: Dec 03 11:58:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1034480	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.26	114	2144119m	10.00	ppbv	0.05
55) Chlorobenzene-d5	12.18	117	2106004	10.00	ppbv	0.04

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.50	95	1742665	9.84	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	6778019	36.218	ppbv	# 52
3) Chlorodifluoromethane	2.97	51	75571m	0.585	ppbv	
9) Propene	2.99	41	502600	8.771	ppbv	95
11) Trichlorofluoromethane	3.95	101	47352	0.254	ppbv	92
13) Ethanol	3.62	45	622045	38.969	ppbv	98
15) Acetone	3.86	43	4783421	32.292	ppbv	95
17) tert-Butyl alcohol	4.33	59	549261	4.411	ppbv	99
18) 1,1-Dichloroethene	4.29	96	31396	0.580	ppbv	81
19) Isopropyl Alcohol	3.99	45	5739439	60.447	ppbv	# 98
20) Methylene Chloride	4.35	84	151624	2.887	ppbv	# 95
22) trans-1,2-Dichloroethene	4.90	96	371628	6.814	ppbv	95
26) Hexane	5.71	57	239004	2.104	ppbv	# 39
27) Carbon Disulfide	4.56	76	113817	0.920	ppbv	95
29) Chloroform	5.78	83	3112713	16.922	ppbv	92
30) Cyclohexane	7.17	84	61400m	0.715	ppbv	
31) cis-1,2-Dichloroethene	5.57	61	9156941	78.013	ppbv	# 55
32) 1,1,1-Trichloroethane	6.56	97	9810187	56.885	ppbv	91
34) 2-Butanone	5.33	43	497137m	2.817	ppbv	
35) Carbon Tetrachloride	7.07	117	14274m	0.077	ppbv	
36) Benzene	6.95	78	555341m	2.591	ppbv	
38) Trichloroethene	8.00	130	42771167m	486.272	ppbv	
41) Tetrahydrofuran	6.15	42	164099m	1.658	ppbv	
50) 4-Methyl-2-Pentanone	8.83	43	112804	0.442	ppbv	99
51) 2-Hexanone	10.21	43	131127	0.613	ppbv	# 91
52) Tetrachloroethene	11.34	164	11728804	126.473	ppbv	87
53) Toluene	9.90	91	1184458	4.865	ppbv	99
58) Ethyl Benzene	12.79	91	304185	0.931	ppbv	97
59) m/p-Xylene	13.05	91	875103	3.098	ppbv	99
60) o-Xylene	13.77	91	325241	1.164	ppbv	100
61) Styrene	13.62	104	26924m	0.134	ppbv	
64) n-propylbenzene	15.65	120	22600	0.236	ppbv	83
69) p-Isopropyltoluene	17.74	119	218839	0.568	ppbv	98
72) 4-Ethyltoluene	15.92	105	137837m	0.427	ppbv	
73) 1,3,5-Trimethylbenzene	16.08	105	96129	0.304	ppbv	# 78
74) 1,2,4-Trimethylbenzene	16.85	105	405739	1.209	ppbv	# 65
79) Naphthalene	22.30	128	40134m	0.138	ppbv	

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

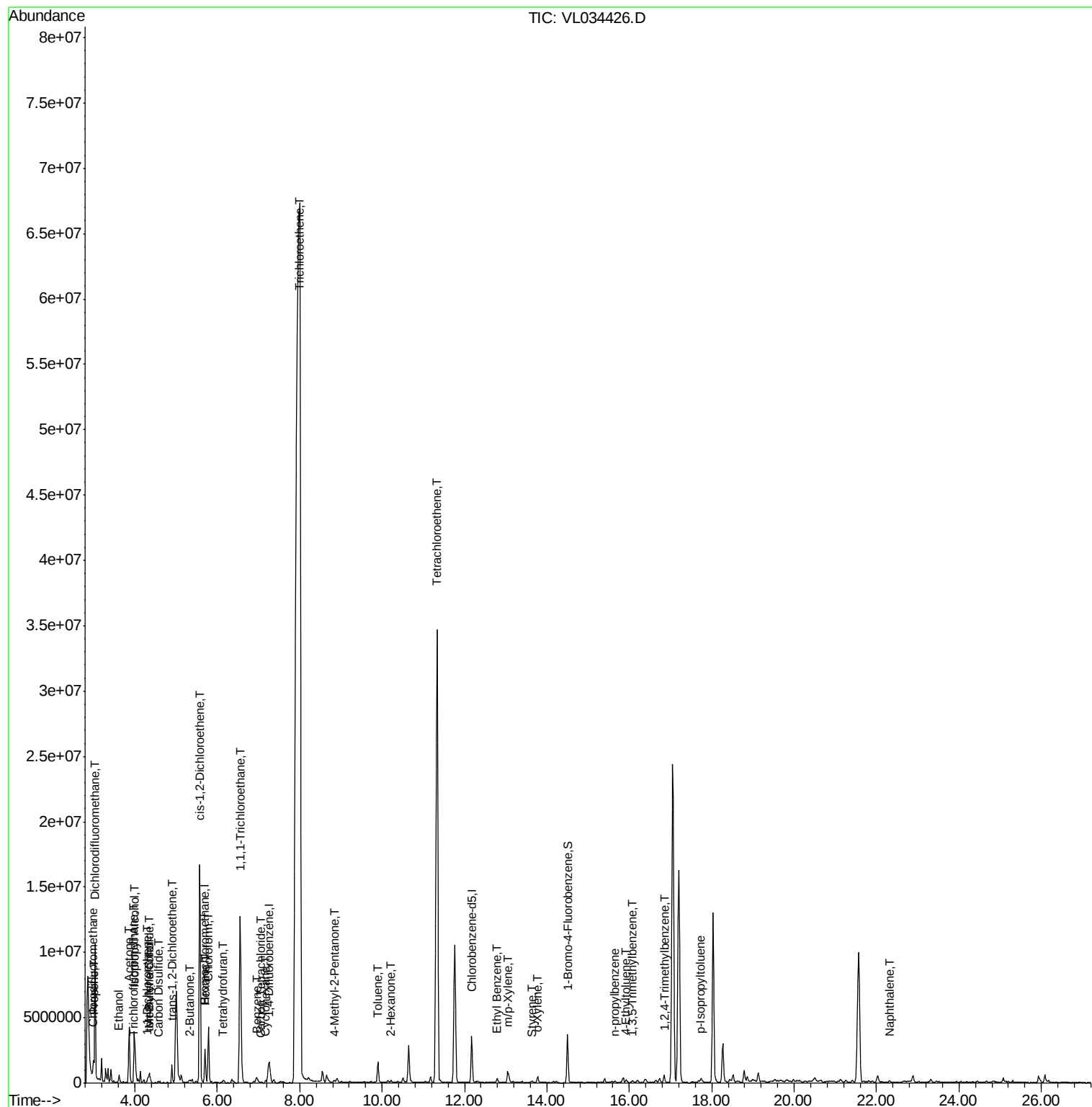
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL120219\
Data File : VL034426.D
Acq On : 2 Dec 2019 15:00
Operator : SY/AP
Sample : K6068-02
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

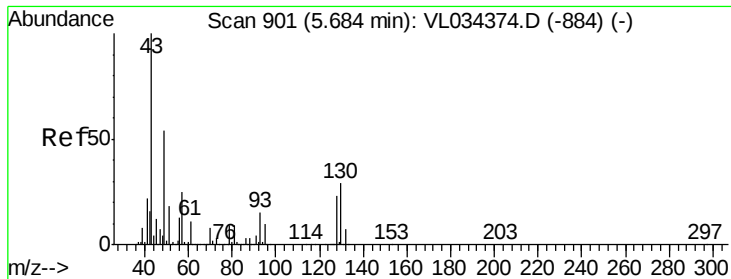
Instrument :
MSVOA_L
ClientSampleId :
SV-2

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Quant Time: Dec 03 11:58:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.70 min Scan# 905

Delta R.T. 0.01 min

Lab File: VL034426.D

Acq: 2 Dec 2019 15:00

Instrument :

MSVOA_L

ClientSampled :

SV-2

Tot Ion: 49 Resp: 1034480

Ion Ratio Lower Upper

49 100

128 44.0 21.8 65.3

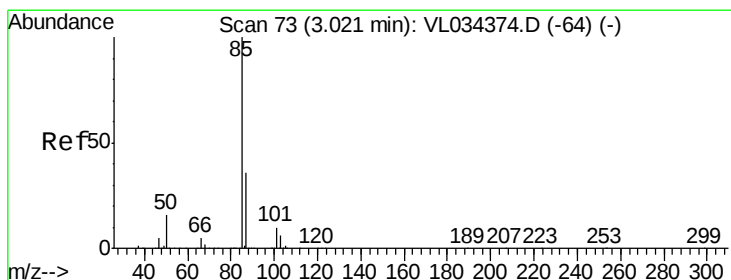
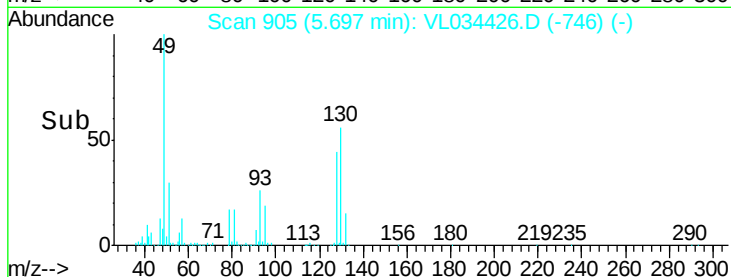
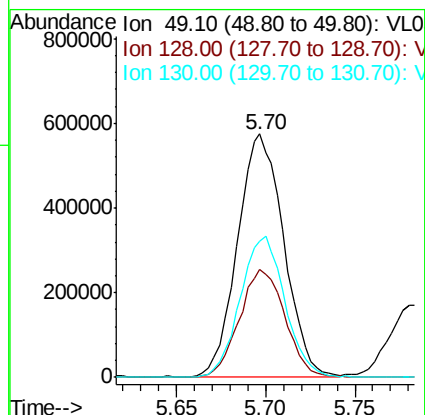
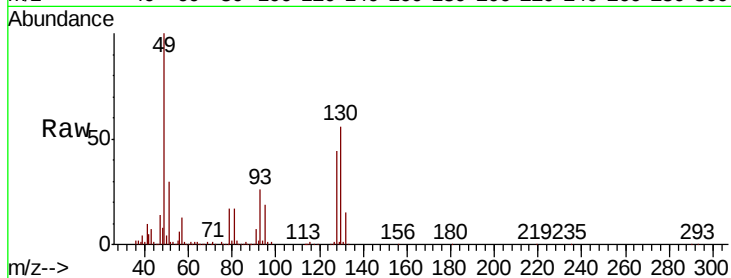
130 56.6 28.0 84.0

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#2

Dichlorodifluoromethane

Concen: 36.218 ppbv

RT: 3.03 min Scan# 75

Delta R.T. 0.01 min

Lab File: VL034426.D

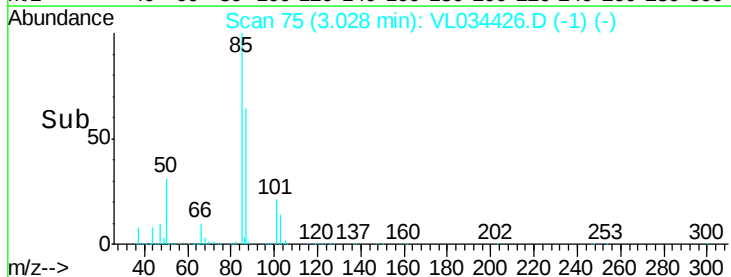
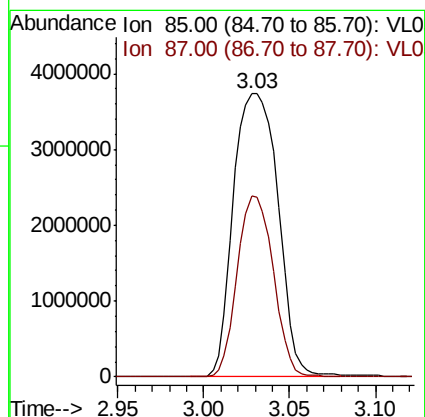
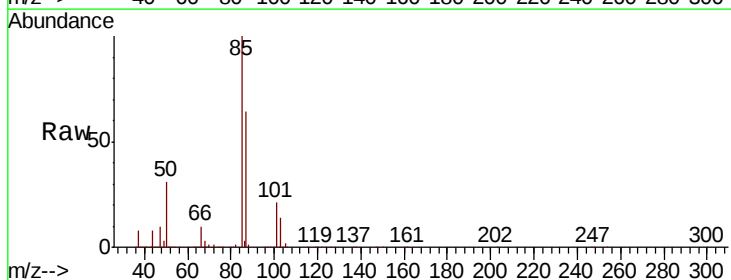
Acq: 2 Dec 2019 15:00

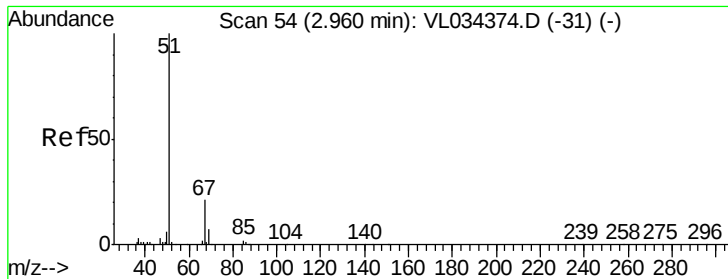
Tgt Ion: 85 Resp: 6778019

Ion Ratio Lower Upper

85 100

87 64.0 28.5 42.7#





#3

Chlorodifluoromethane

Concen: 0.585 ppbv

RT: 2.97 min Scan# 56

Delta R.T. 0.01 min

Lab File: VL034426.D

Acq: 2 Dec 2019 15:00

Instrument :

MSVOA_L

ClientSampleId :

SV-2

Tot Ion: 51 Resp: 75571

Ion Ratio Lower Upper

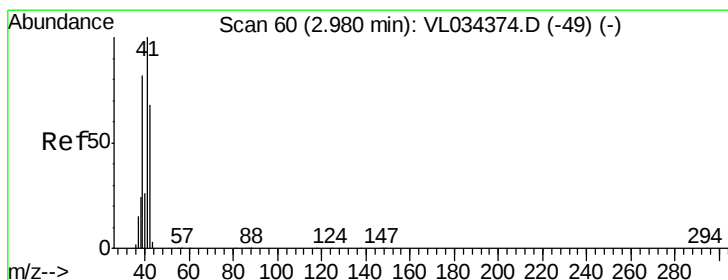
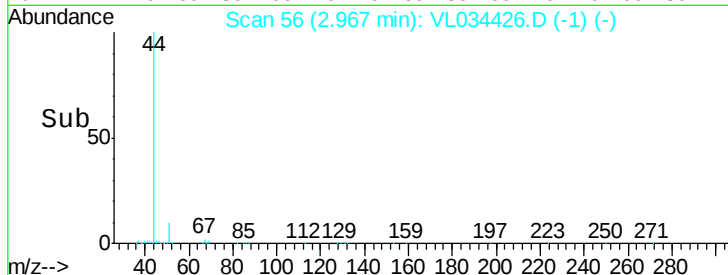
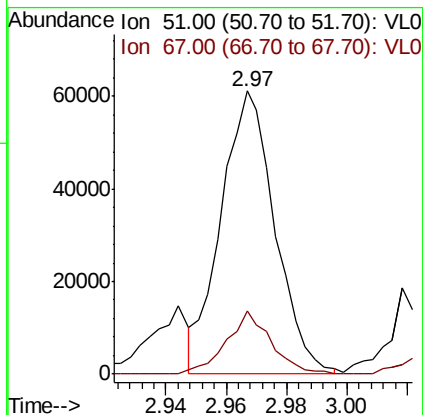
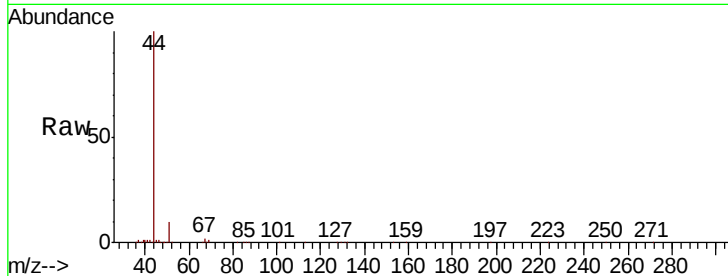
51 100

67 9.7 16.2 24.2#

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#9

Propene

Concen: 8.771 ppbv

RT: 2.99 min Scan# 63

Delta R.T. 0.01 min

Lab File: VL034426.D

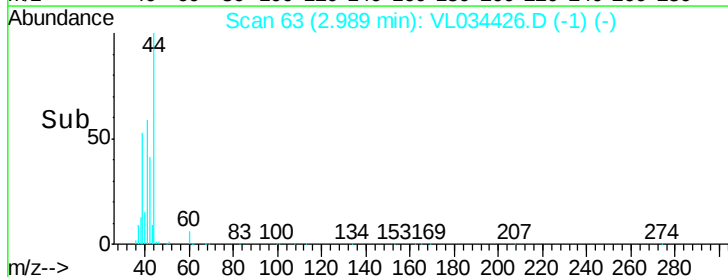
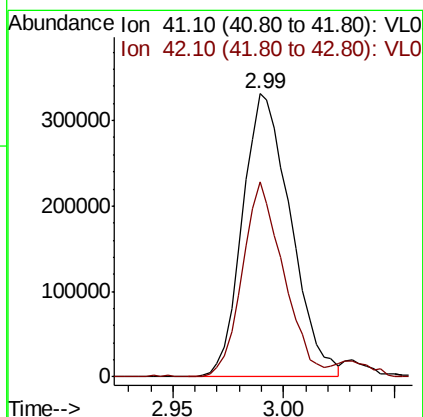
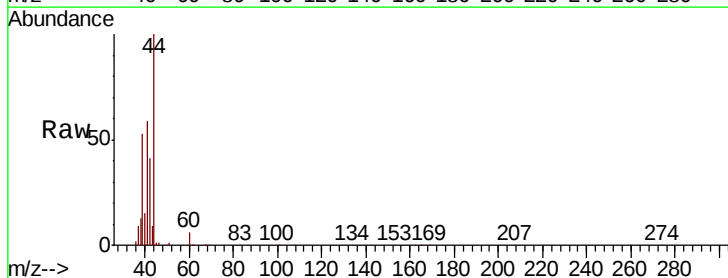
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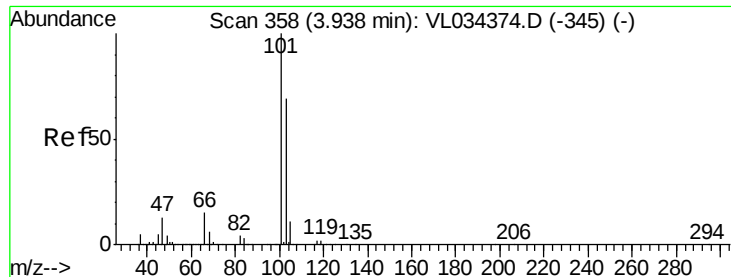
Tgt Ion: 41 Resp: 502600

Ion Ratio Lower Upper

41 100

42 64.2 54.6 82.0





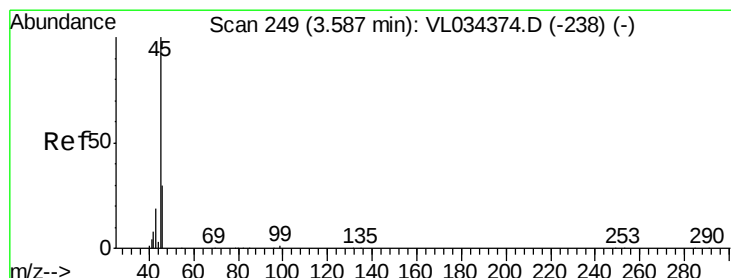
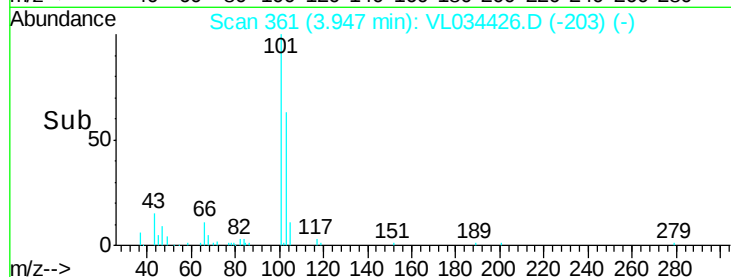
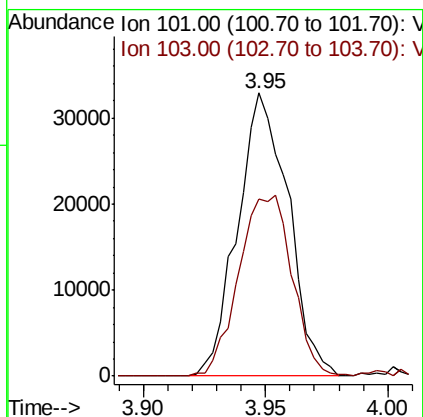
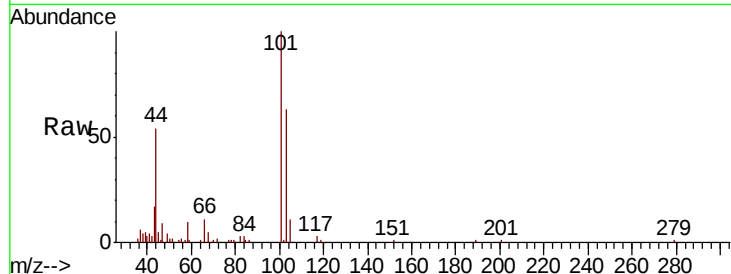
#11
Trichlorofluoromethane
Concen: 0.254 ppbv
RT: 3.95 min Scan# 361
Delta R.T. 0.01 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tot Ion: 101 Resp: 47352
Ion Ratio Lower Upper
101 100
103 62.6 55.4 83.0

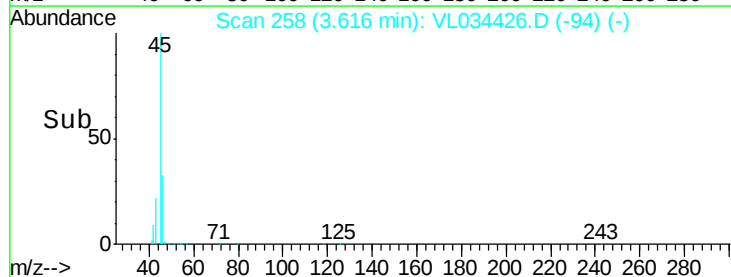
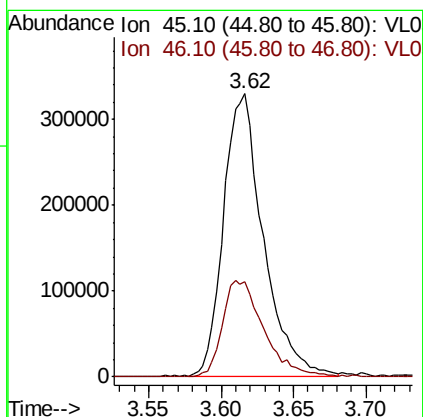
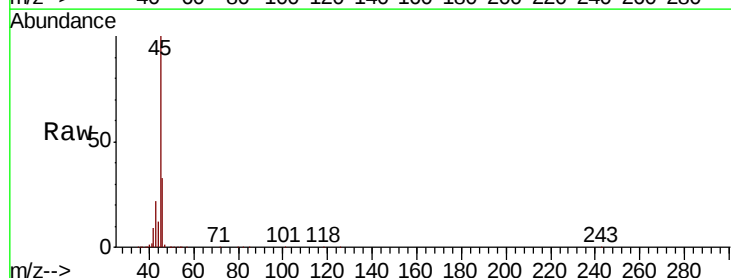
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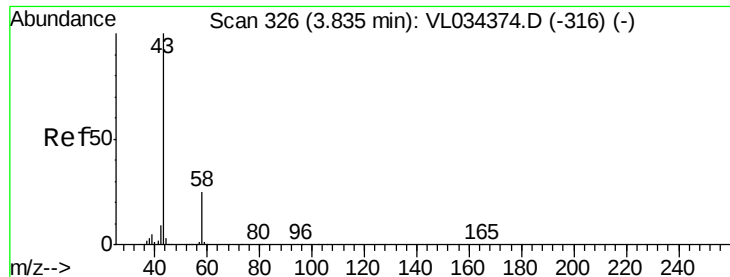
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#13
Ethanol
Concen: 38.969 ppbv
RT: 3.62 min Scan# 258
Delta R.T. 0.03 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion: 45 Resp: 622045
Ion Ratio Lower Upper
45 100
46 36.0 13.8 55.4





#15

Acetone

Concen: 32.292 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.02 min

Lab File: VL034426.D

Acq: 2 Dec 2019 15:00

Instrument :

MSVOA_L

ClientSampled :

SV-2

Tot Ion: 43 Resp: 4783421

Ion Ratio Lower Upper

43 100

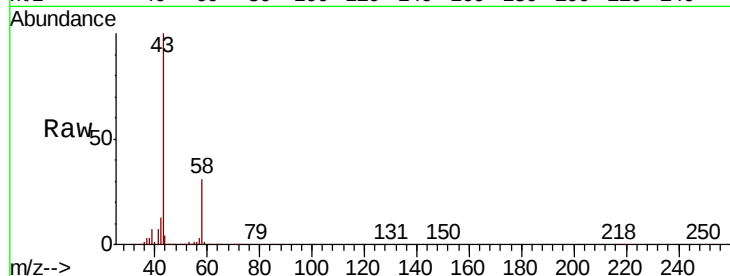
58 28.0 20.2 30.4

Manual Integrations

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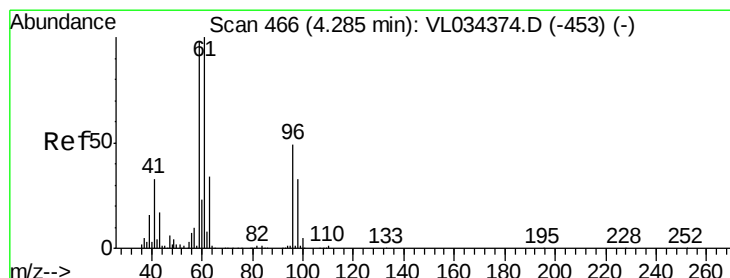
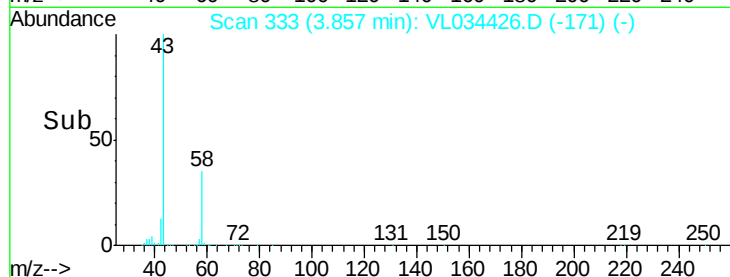
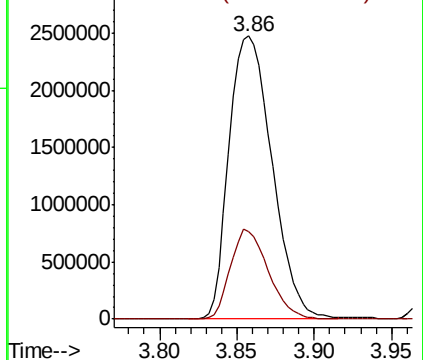
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#17

tert-Butyl alcohol

Concen: 4.411 ppbv

RT: 4.33 min Scan# 479

Delta R.T. 0.04 min

Lab File: VL034426.D

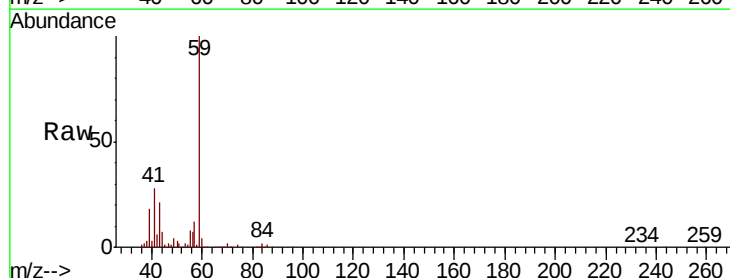
Acq: 2 Dec 2019 15:00

Tgt Ion: 59 Resp: 549261

Ion Ratio Lower Upper

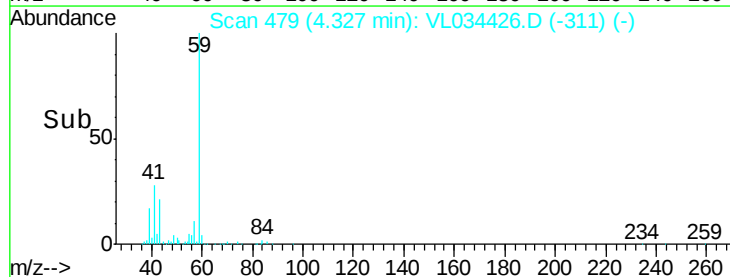
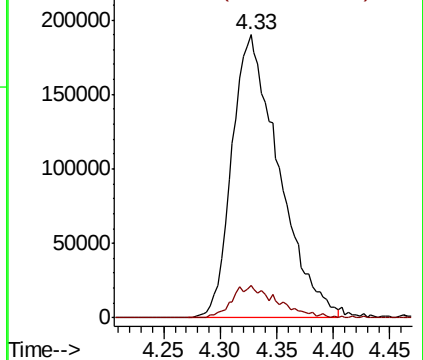
59 100

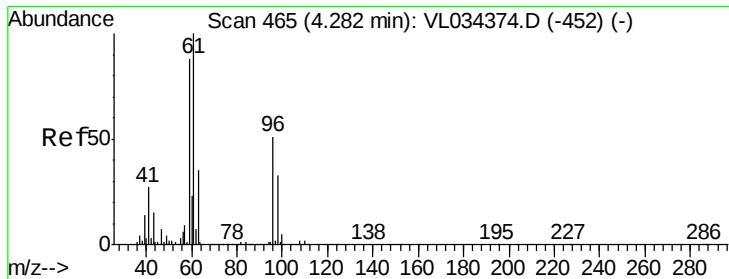
57 11.2 8.8 13.2



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#18

1,1-Dichloroethene

Concen: 0.580 ppbv

RT: 4.29 min Scan# 468

Delta R.T. 0.01 min

Lab File: VL034426.D

Acq: 2 Dec 2019 15:00

Instrument :

MSVOA_L

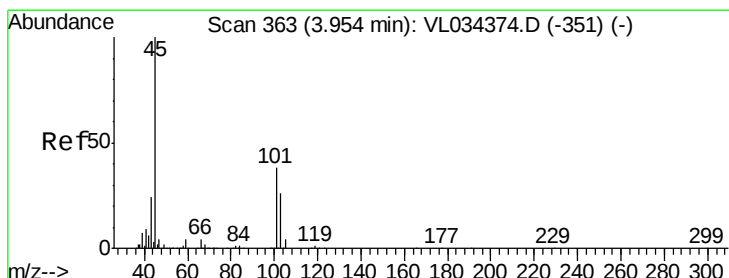
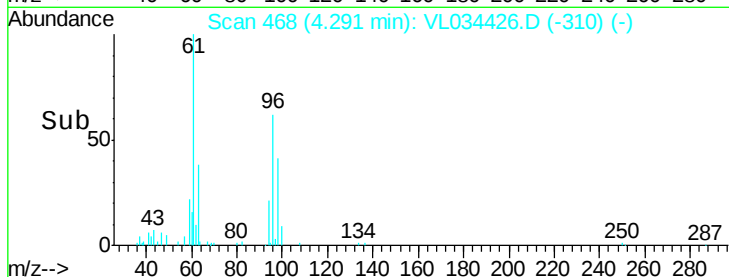
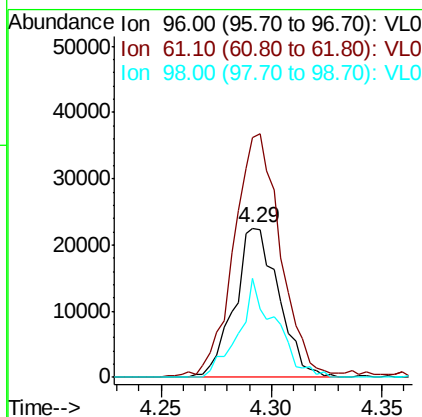
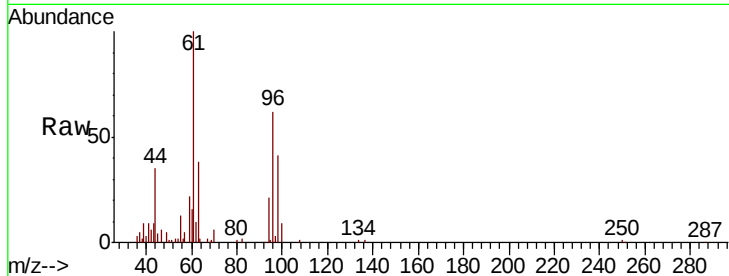
ClientSampled :

SV-2

Tot Ion:	96	Resp:	31396
Ion Ratio	Lower	Upper	
96	100		
61	157.9	155.6	233.4
98	66.5	51.6	77.4

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#19

Isopropyl Alcohol

Concen: 60.447 ppbv

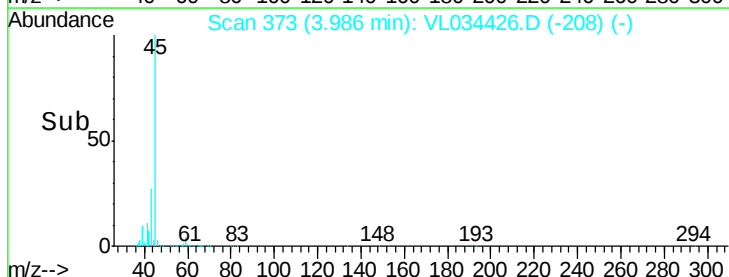
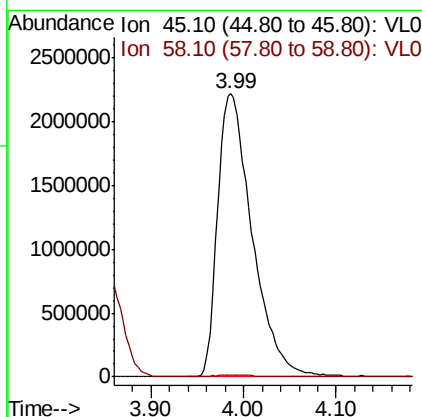
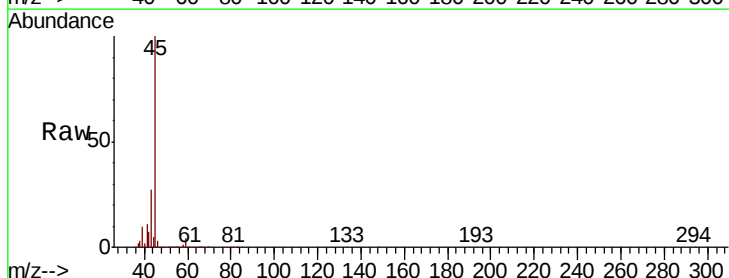
RT: 3.99 min Scan# 373

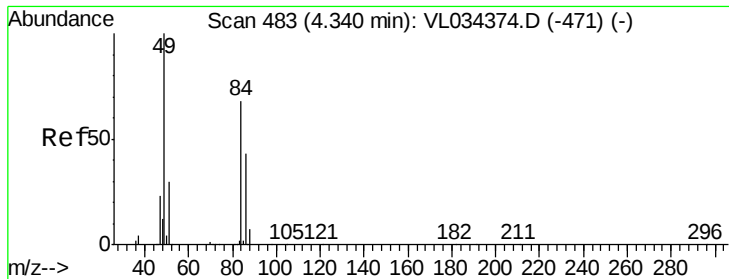
Delta R.T. 0.03 min

Lab File: VL034426.D

Acq: 2 Dec 2019 15:00

Tgt Ion:	45	Resp:	5739439
Ion Ratio	Lower	Upper	
45	100		
58	1.0	1.3	1.9#





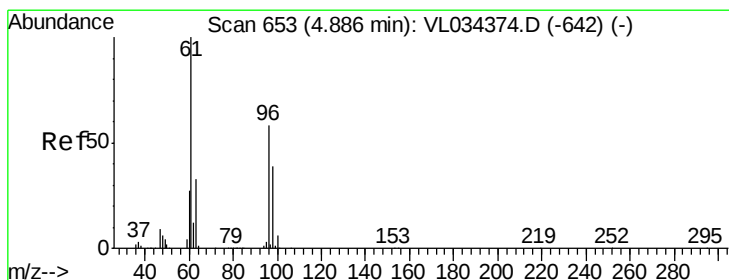
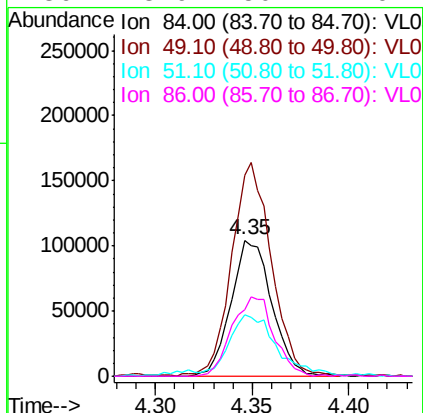
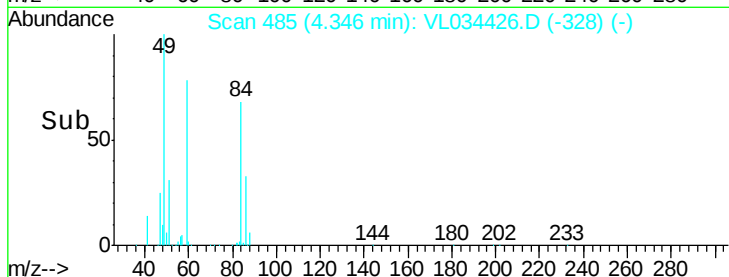
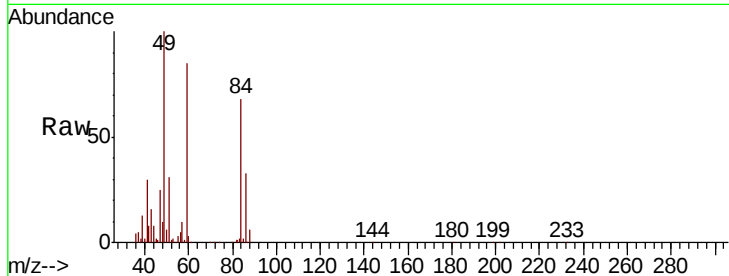
#20
Methvlene Chloride
Concen: 2.887 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.01 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument :
MSVOA_L
ClientSampled :
SV-2

Tot Ion	Ratio	Lower	Upper
84	100		
49	147.5	116.8	175.2
51	44.2	35.6	53.4
86	48.9	50.7	76.1#

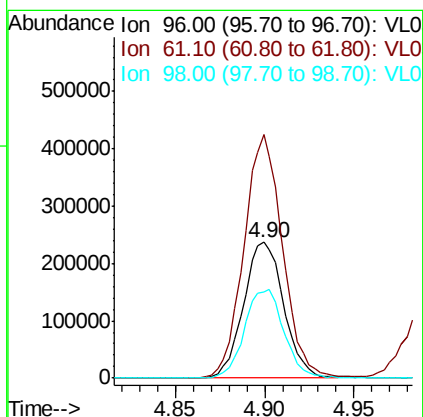
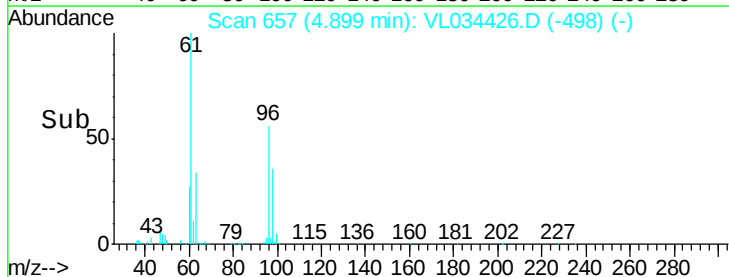
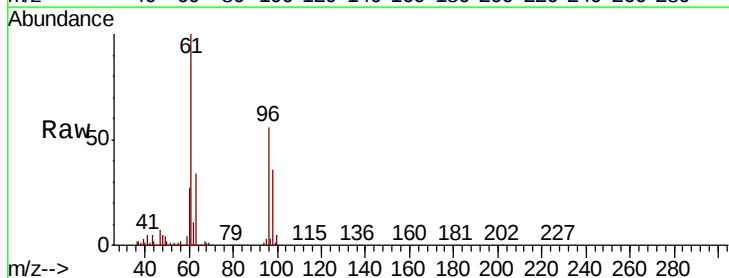
Manual Integrations
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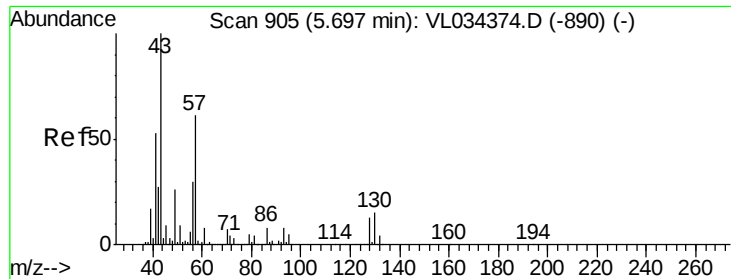
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#22
trans-1,2-Dichloroethene
Concen: 6.814 ppbv
RT: 4.90 min Scan# 657
Delta R.T. 0.01 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	179.2	137.9	206.9
98	63.9	53.5	80.3





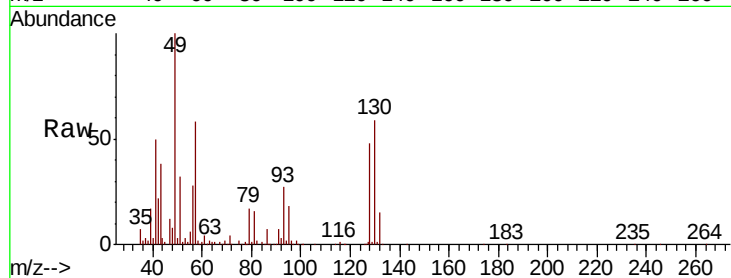
#26
Hexane
Concen: 2.104 ppbv
RT: 5.71 min Scan# 910
Delta R.T. 0.02 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument :
MSVOA_L
ClientSampled :
SV-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
57	100		239004		
41	97.5	75.0	112.4		
43	73.6	186.6	279.8		
56	55.8	41.5	62.3		

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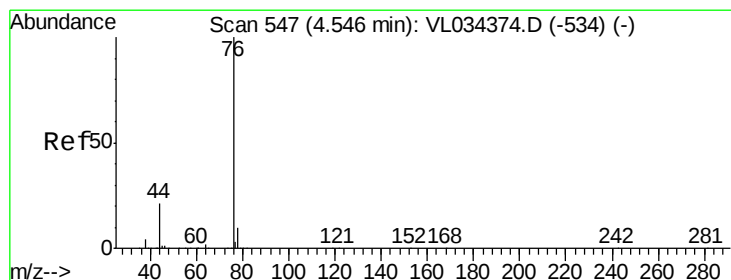
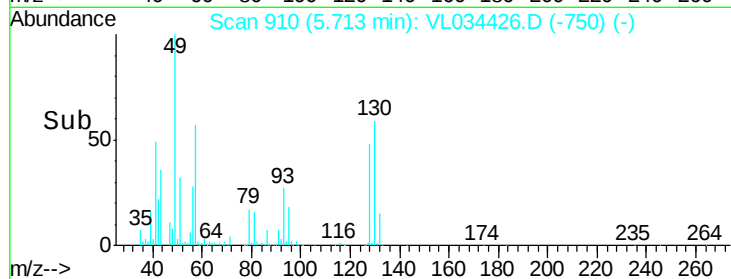
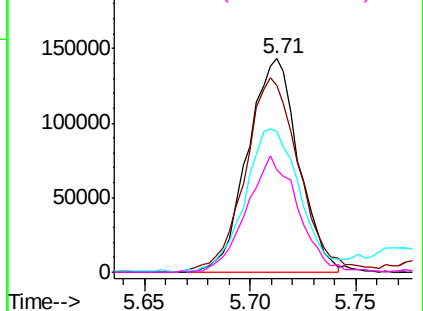
Abundance

Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#27
Carbon Disulfide
Concen: 0.920 ppbv
RT: 4.56 min Scan# 551
Delta R.T. 0.01 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

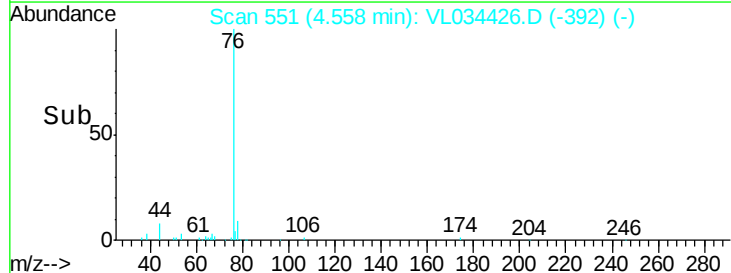
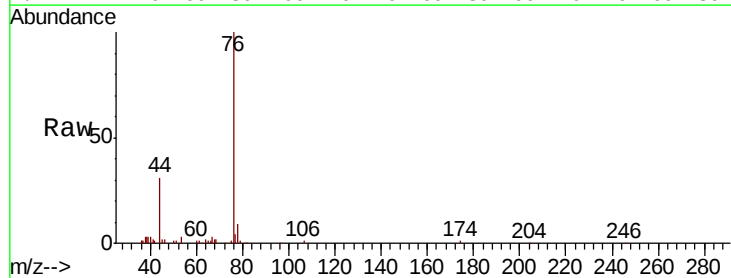
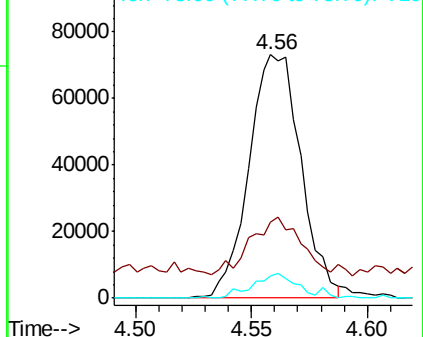
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
76	100		113817		
44	24.8	17.0	25.4		
78	9.6	7.6	11.4		

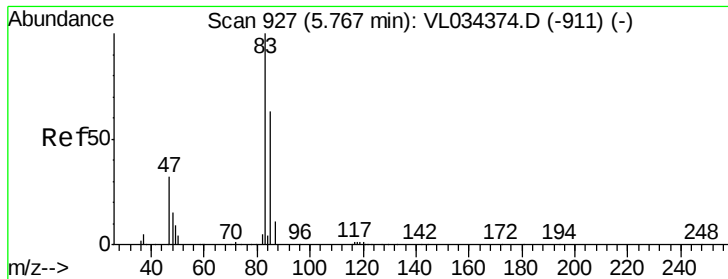
Abundance

Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0





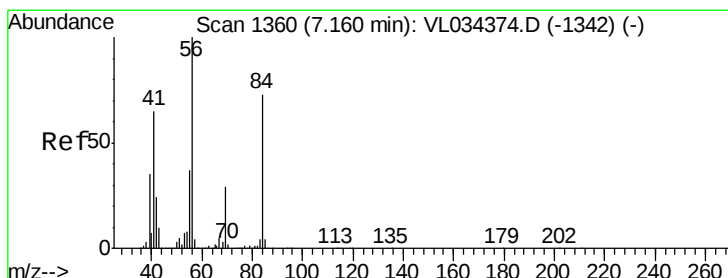
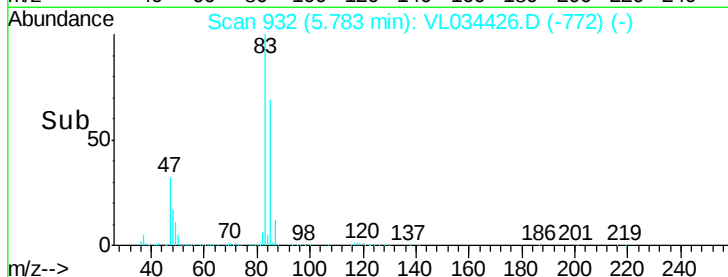
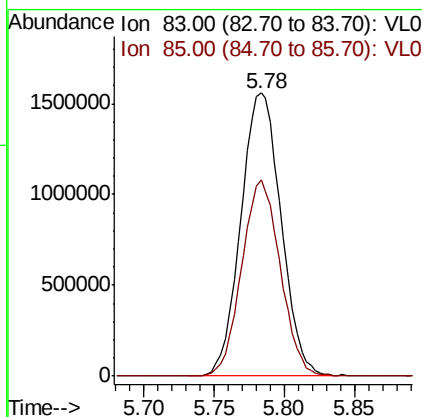
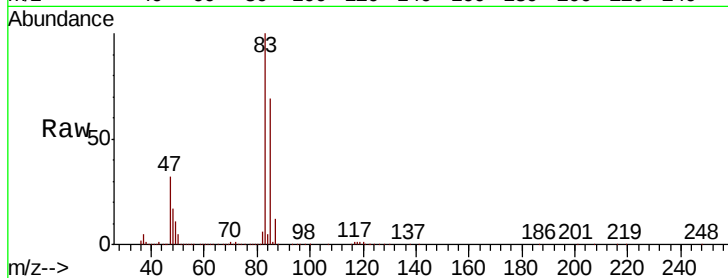
#29
Chloroform
Concen: 16.922 ppbv
RT: 5.78 min Scan# 932
Delta R.T. 0.02 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tot Ion: 83 Resp: 3112713
Ion Ratio Lower Upper
83 100
85 69.2 50.4 75.6

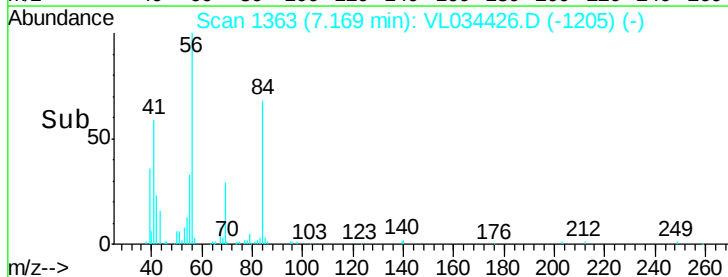
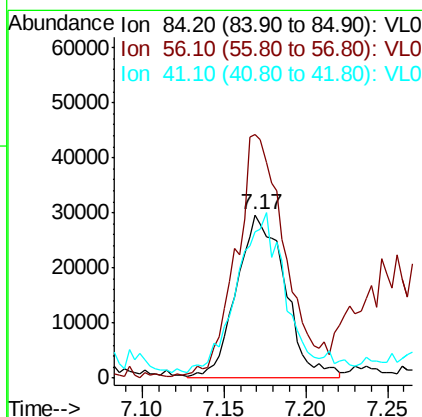
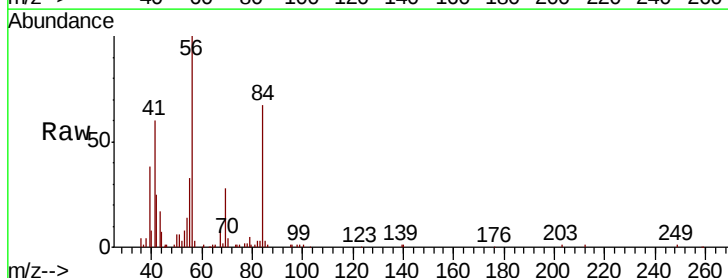
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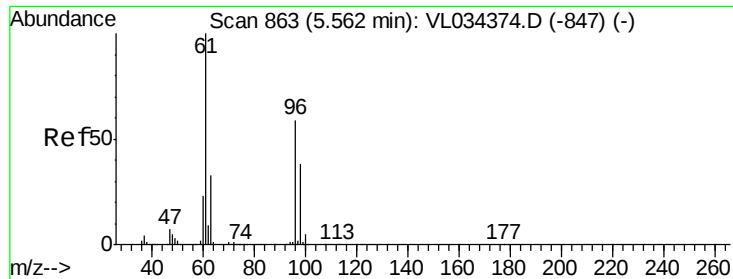
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#30
Cyclohexane
Concen: 0.715 ppbv m
RT: 7.17 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion: 84 Resp: 61400
Ion Ratio Lower Upper
84 100
56 151.1 112.6 169.0
41 100.8 73.4 110.2





#31

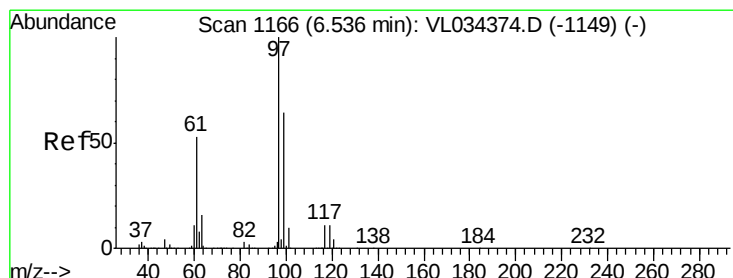
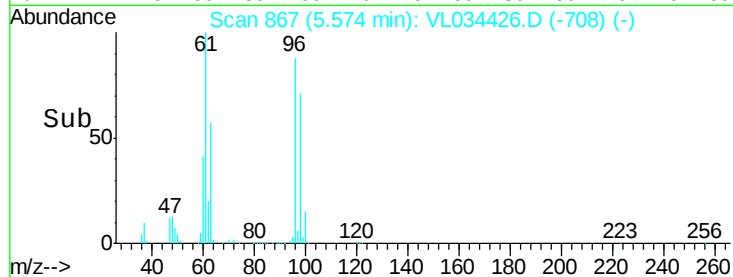
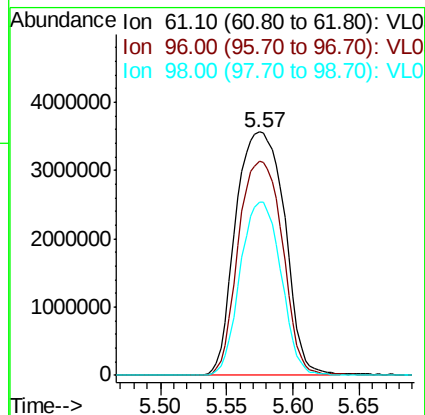
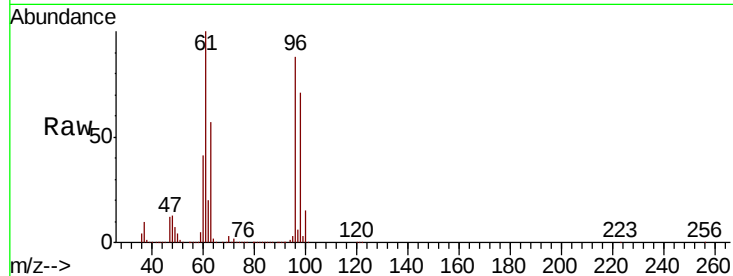
cis-1,2-Dichloroethene
 Concen: 78.013 ppbv
 RT: 5.57 min Scan# 867
 Delta R.T. 0.01 min
 Lab File: VL034426.D
 Acq: 2 Dec 2019 15:00

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2

Tot Ion: 61 Resp: 9156941
 Ion Ratio Lower Upper
 61 100
 96 88.1 47.4 71.2#
 98 71.2 30.6 45.8#

Manual Integrations
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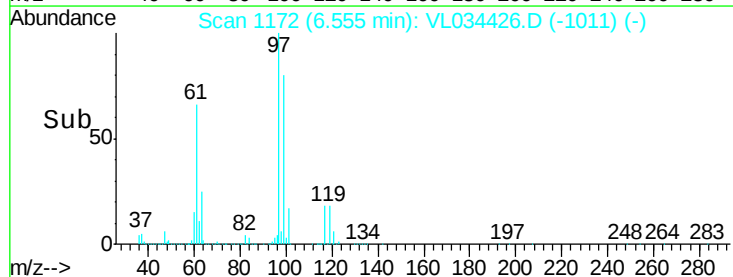
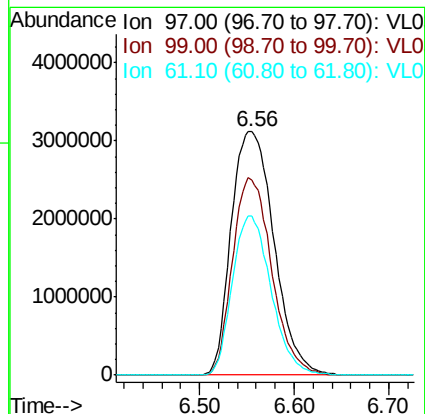
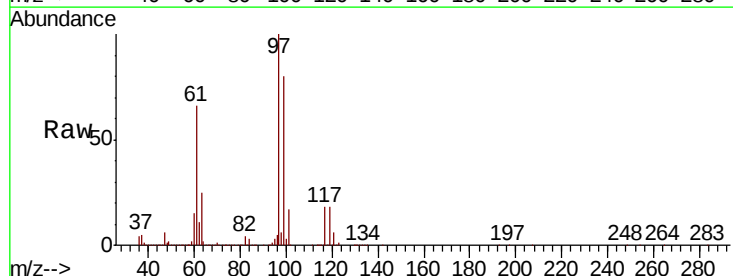
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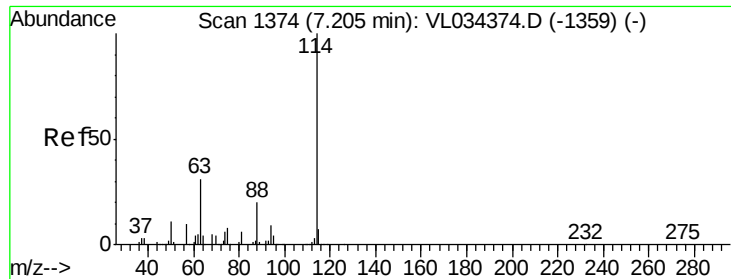


#32

1,1,1-Trichloroethane
 Concen: 56.885 ppbv
 RT: 6.56 min Scan# 1172
 Delta R.T. 0.02 min
 Lab File: VL034426.D
 Acq: 2 Dec 2019 15:00

Tgt Ion: 97 Resp: 9810187
 Ion Ratio Lower Upper
 97 100
 99 74.3 52.3 78.5
 61 59.3 43.7 65.5





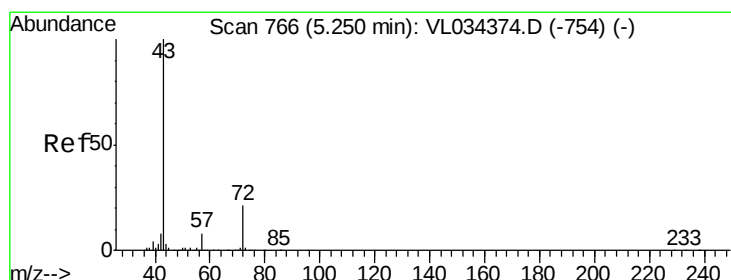
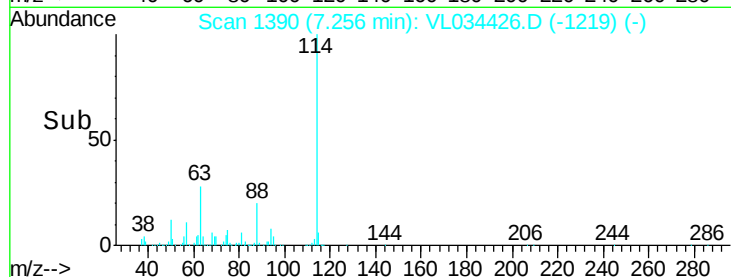
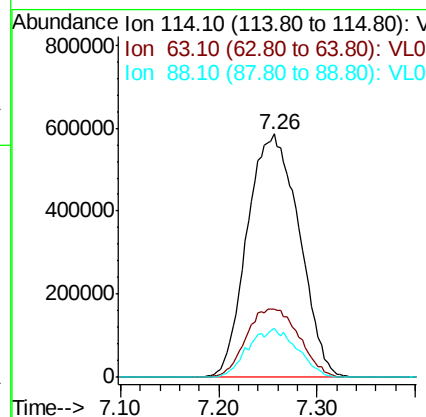
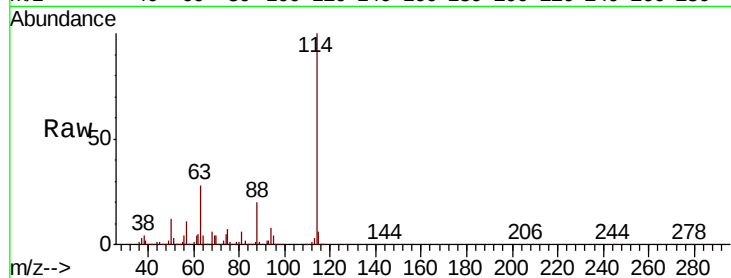
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv m
 RT: 7.26 min Scan# 1390
 Delta R.T. 0.05 min
 Lab File: VL034426.D
 Acq: 2 Dec 2019 15:00

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	28.8	24.2	36.4
88	19.0	15.9	23.9

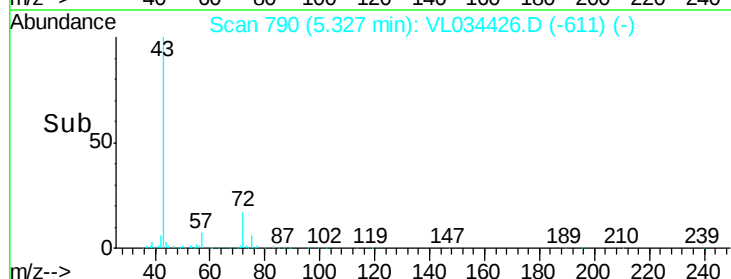
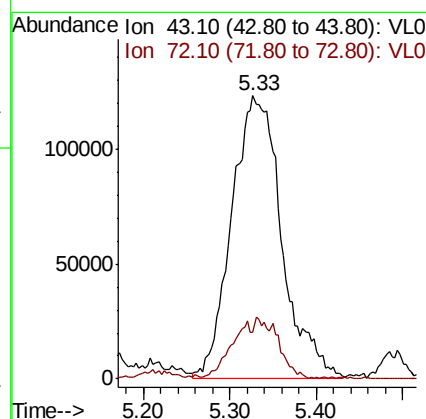
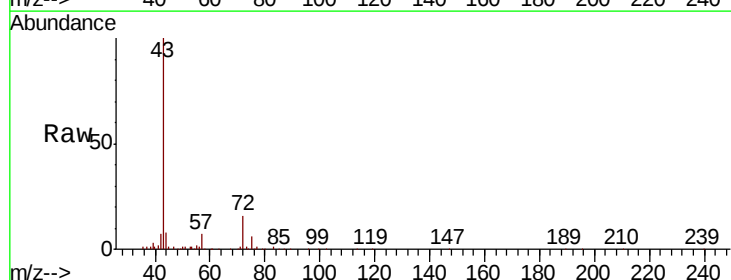
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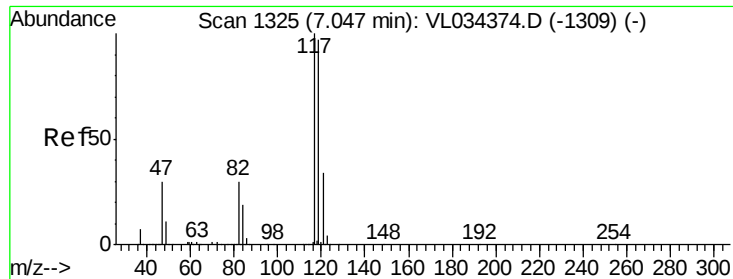
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#34
 2-Butanone
 Concen: 2.817 ppbv m
 RT: 5.33 min Scan# 790
 Delta R.T. 0.08 min
 Lab File: VL034426.D
 Acq: 2 Dec 2019 15:00

Tgt Ion	Ratio	Lower	Upper
43	100		
72	19.5	17.0	25.6





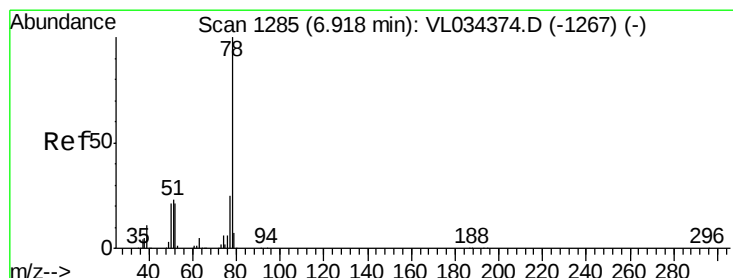
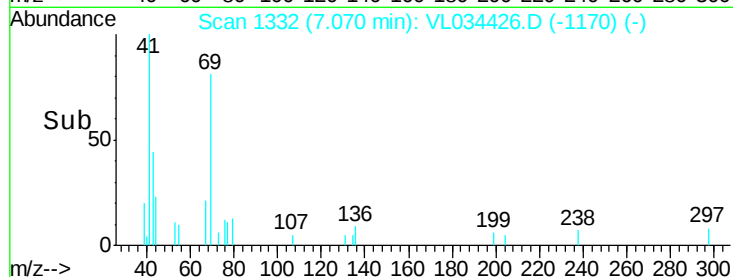
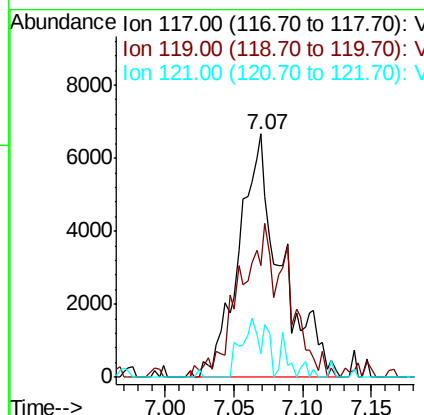
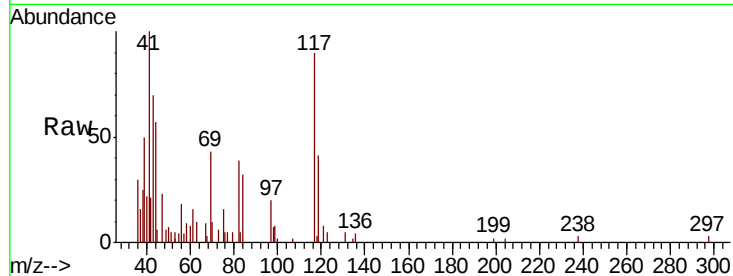
#35
Carbon Tetrachloride
Concen: 0.077 ppbv m
RT: 7.07 min Scan# 1332
Delta R.T. 0.02 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument :
MSVOA_L
ClientSampled :
SV-2

Tot Ion	Ratio	Lower	Upper
117	100		
119	46.0	77.3	115.9#
121	9.5	27.4	41.2#

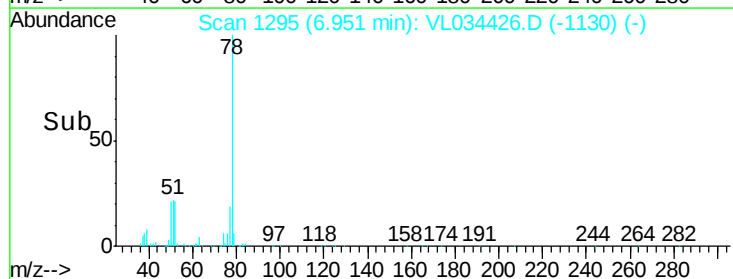
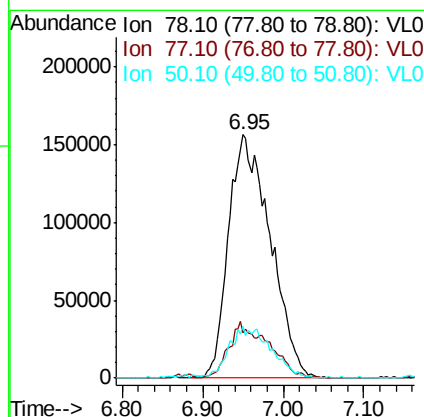
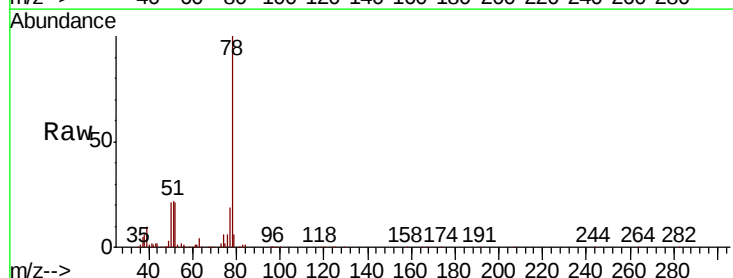
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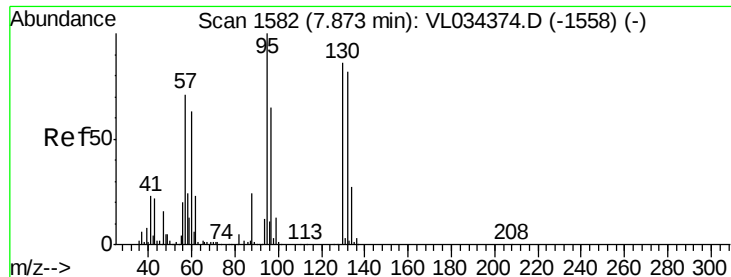
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#36
Benzene
Concen: 2.591 ppbv m
RT: 6.95 min Scan# 1295
Delta R.T. 0.03 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	18.8	20.2	30.4#
50	21.1	17.1	25.7





#38
 Trichloroethene
 Concen: 486.272 ppbv m
 RT: 8.00 min Scan# 1620
 Delta R.T. 0.12 min
 Lab File: VL034426.D
 Acq: 2 Dec 2019 15:00

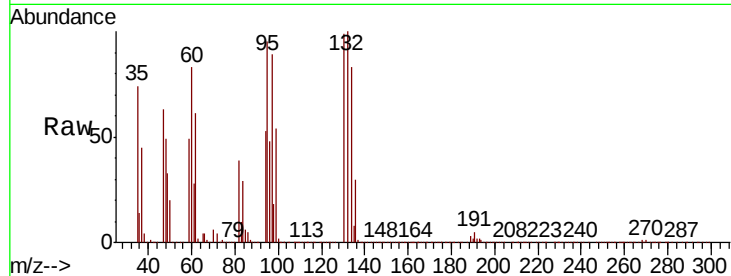
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2

Tot Ion:130 Resp:42771167

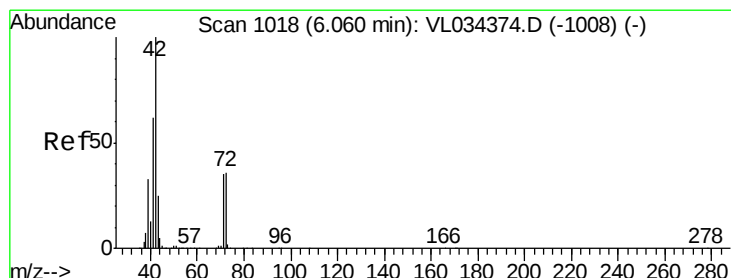
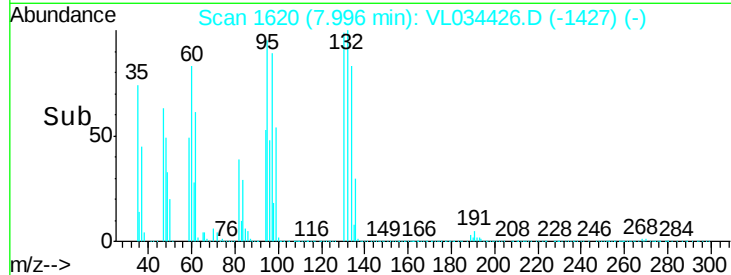
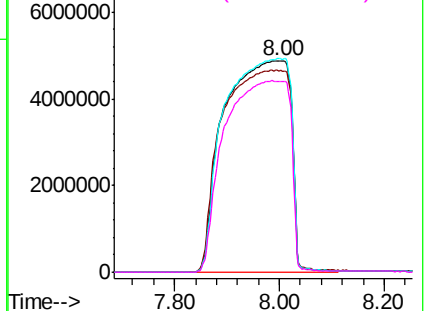
Ion	Ratio	Lower	Upper
130	100		
95	95.5	93.4	140.0
132	101.0	76.4	114.6
97	90.3	61.1	91.7

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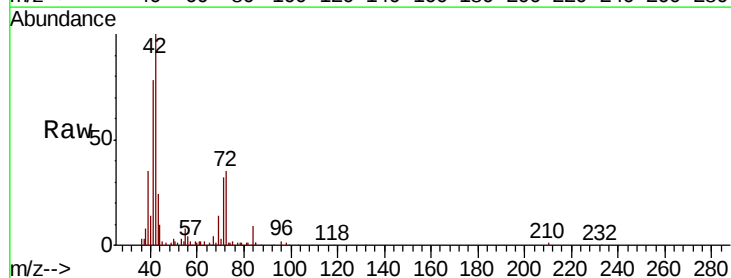
Abundance Ion 130.00 (129.70 to 130.70): V
 Ion 95.00 (94.70 to 95.70): VL0
 Ion 132.00 (131.70 to 132.70): V
 Ion 97.00 (96.70 to 97.70): VL0



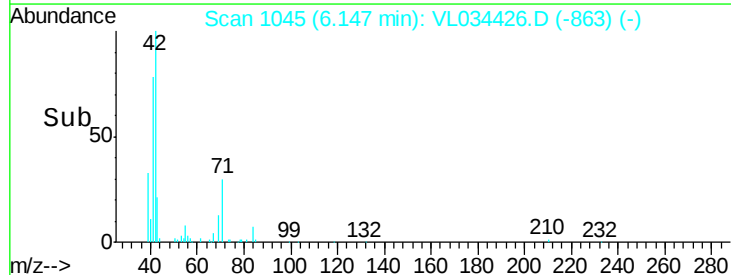
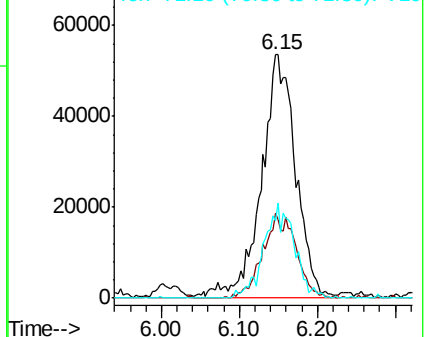
#41
 Tetrahydrofuran
 Concen: 1.658 ppbv m
 RT: 6.15 min Scan# 1045
 Delta R.T. 0.09 min
 Lab File: VL034426.D
 Acq: 2 Dec 2019 15:00

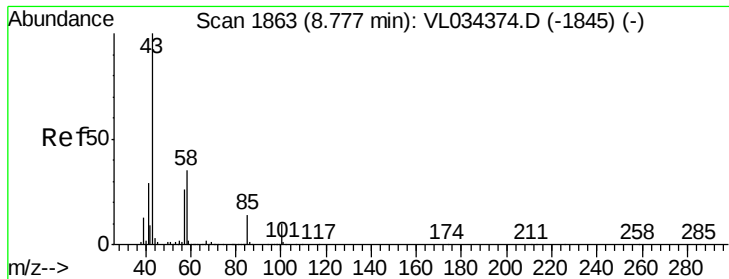
Tgt Ion: 42 Resp: 164099

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.2	45.4#
71	0.0	29.4	44.2#



Abundance Ion 42.10 (41.80 to 42.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0
 Ion 71.10 (70.80 to 71.80): VL0





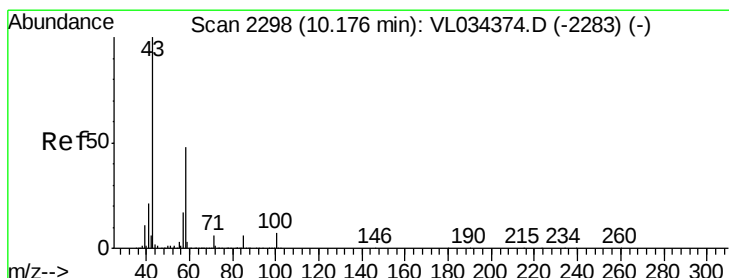
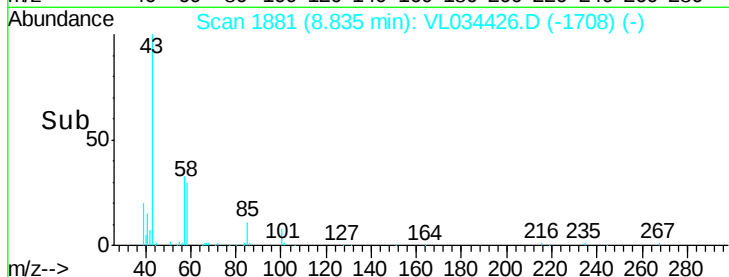
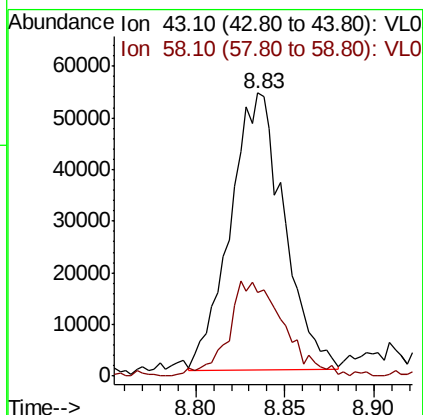
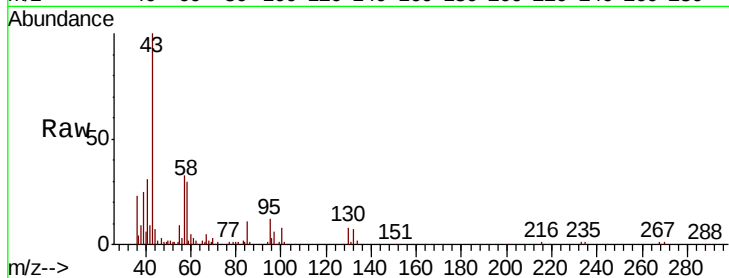
#50
4-Methyl-2-Pentanone
Concen: 0.442 ppbv
RT: 8.83 min Scan# 1881
Delta R.T. 0.06 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument :
MSVOA_L
ClientSampled :
SV-2

Tot Ion: 43 Resp: 112804
Ion Ratio Lower Upper
43 100
58 35.7 27.9 41.9

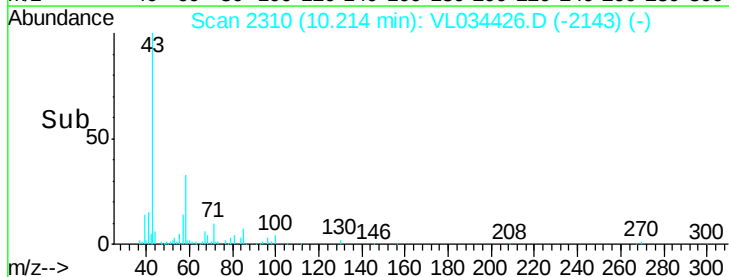
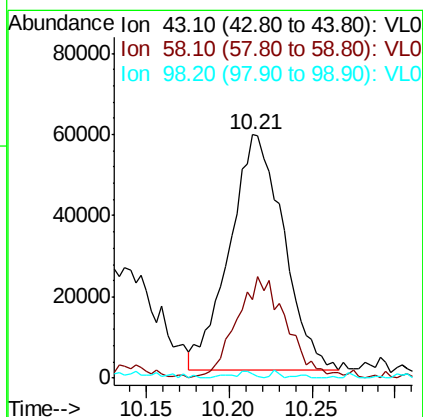
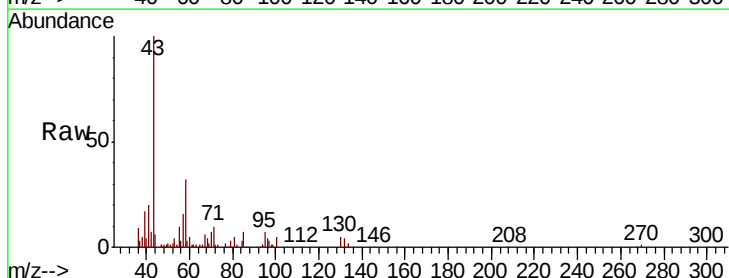
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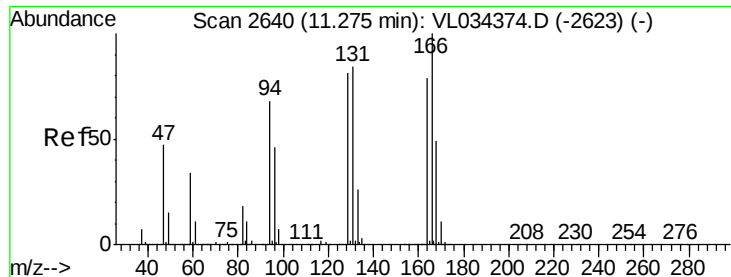
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#51
2-Hexanone
Concen: 0.613 ppbv
RT: 10.21 min Scan# 2310
Delta R.T. 0.04 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion: 43 Resp: 131127
Ion Ratio Lower Upper
43 100
58 41.5 38.2 57.4
98 1.5 0.2 0.2#





#52

Tetrachloroethene

Concen: 126.473 ppbv

RT: 11.34 min Scan# 2659

Delta R.T. 0.06 min

Lab File: VL034426.D

Acq: 2 Dec 2019 15:00

Instrument :

MSVOA_L

ClientSampled :

SV-2

Tot Ion:164 Resp:11728804

Ion Ratio Lower Upper

164 100

166 108.5 101.7 152.5

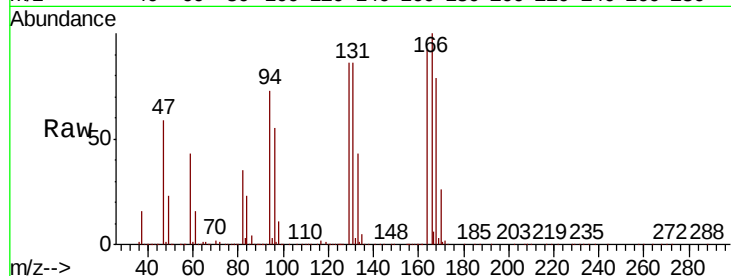
129 93.0 82.6 123.8

131 92.9 85.2 127.8

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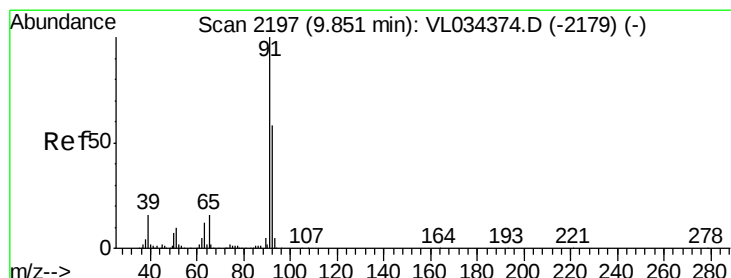
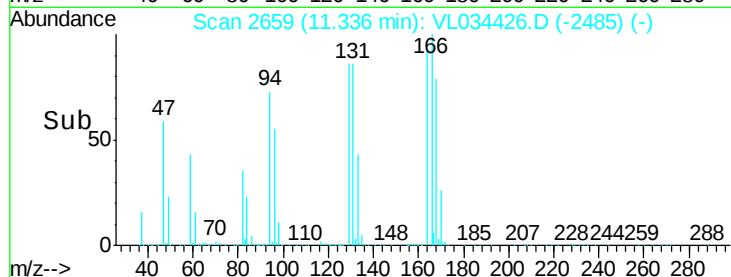
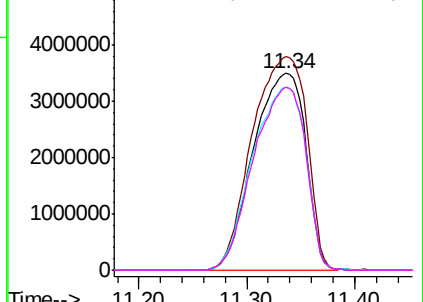
Abundance

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: 4.865 ppbv

RT: 9.90 min Scan# 2211

Delta R.T. 0.04 min

Lab File: VL034426.D

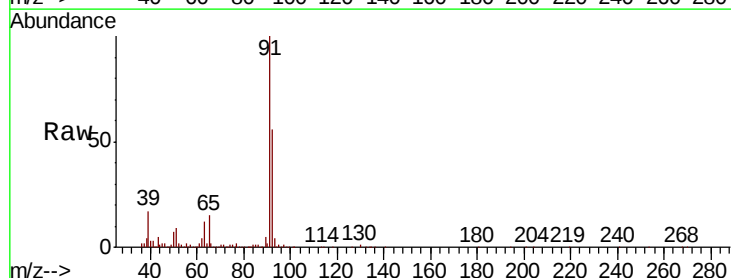
Acq: 2 Dec 2019 15:00

Tgt Ion: 91 Resp: 1184458

Ion Ratio Lower Upper

91 100

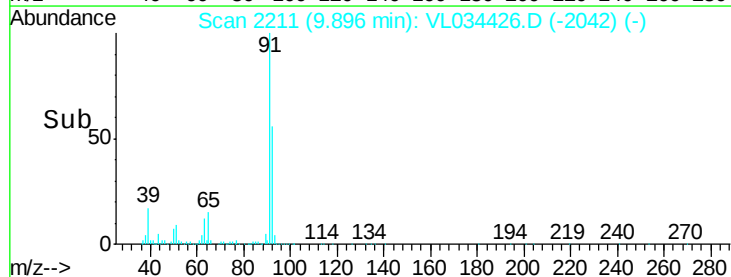
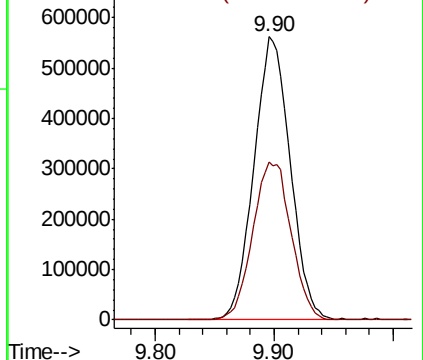
92 59.2 47.9 71.9

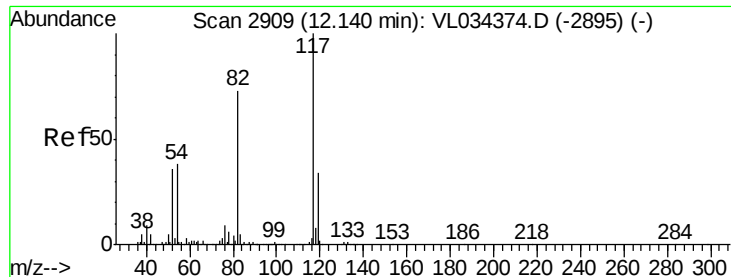


Abundance

Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0





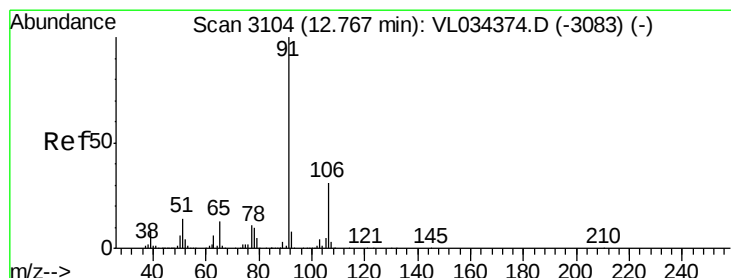
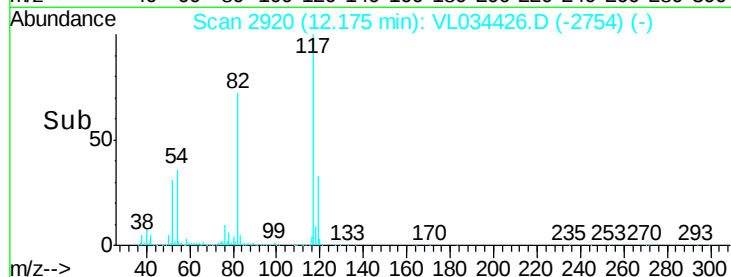
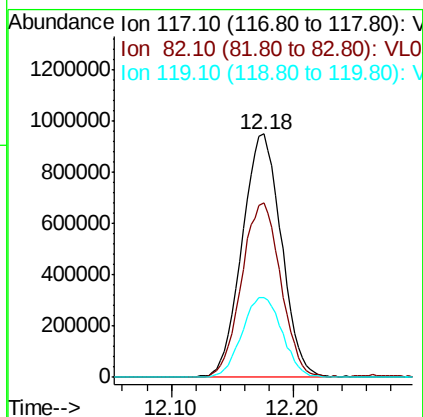
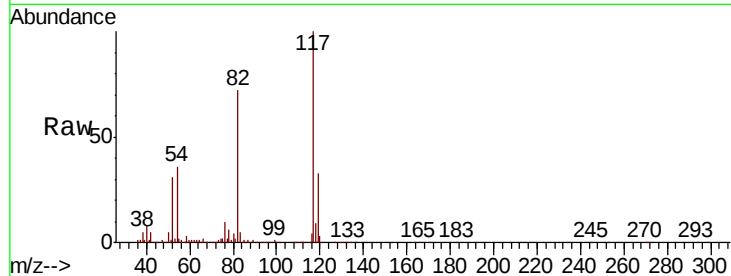
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.18 min Scan# 2920
Delta R.T. 0.04 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	71.9	57.5	86.3
119	33.7	25.4	38.2

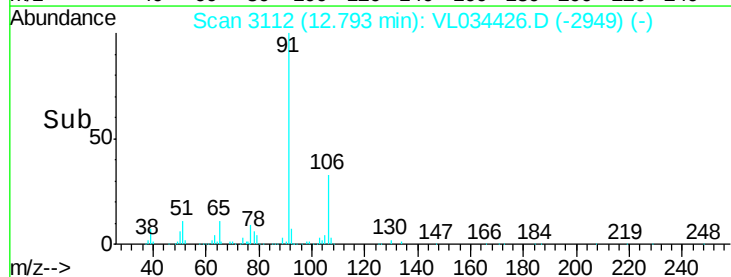
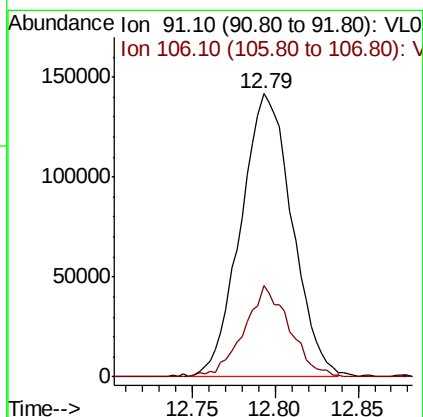
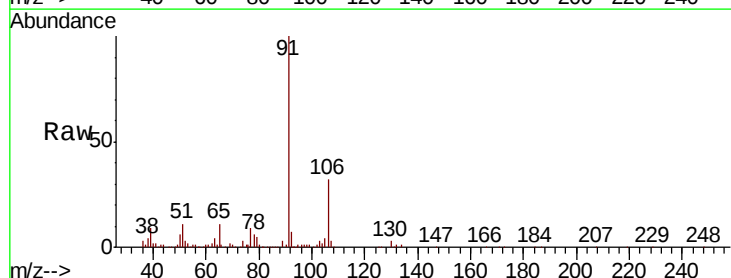
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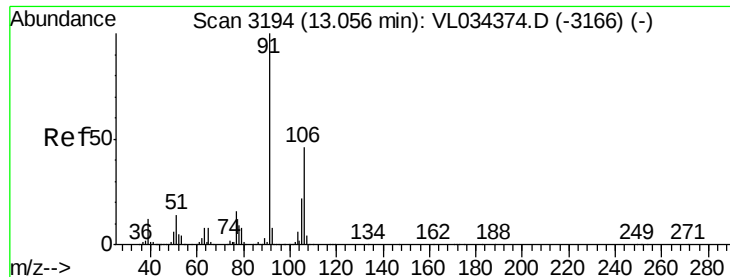
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#58
Ethyl Benzene
Concen: 0.931 ppbv
RT: 12.79 min Scan# 3112
Delta R.T. 0.03 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.5	24.8	37.2





#59

m/p-Xylene

Concen: 3.098 ppbv

RT: 13.05 min Scan# 3192

Delta R.T. -0.01 min

Lab File: VL034426.D

Acq: 2 Dec 2019 15:00

Instrument :

MSVOA_L

ClientSampled :

SV-2

Tot Ion: 91 Resp: 875103

Ion Ratio Lower Upper

91 100

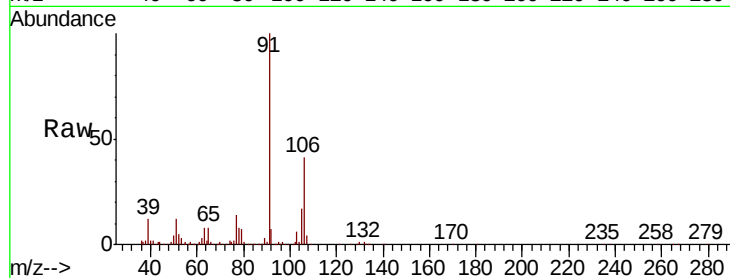
106 44.1 34.6 51.8

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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

13.05

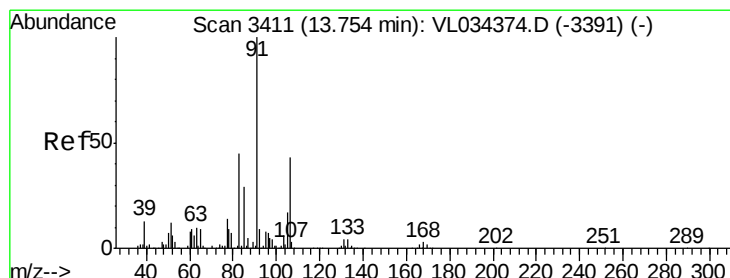
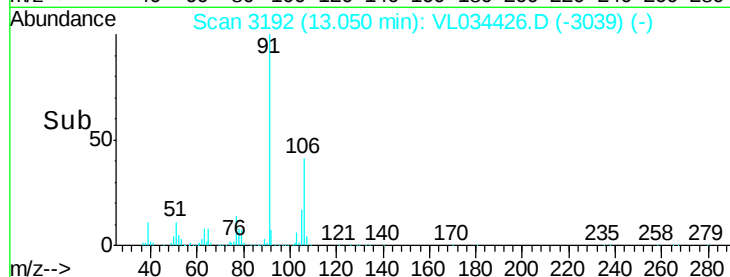
300000

200000

100000

0

Time-->



#60

o-Xylene

Concen: 1.164 ppbv

RT: 13.77 min Scan# 3417

Delta R.T. 0.02 min

Lab File: VL034426.D

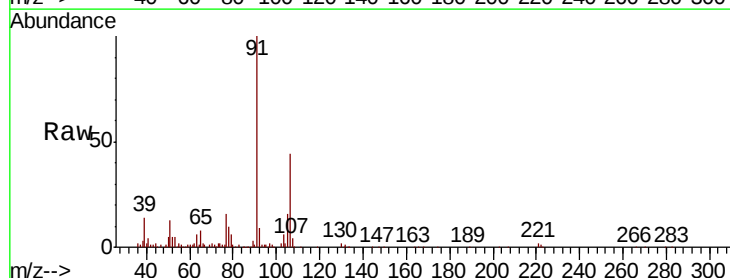
Acq: 2 Dec 2019 15:00

Tgt Ion: 91 Resp: 325241

Ion Ratio Lower Upper

91 100

106 42.6 21.3 64.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

13.77

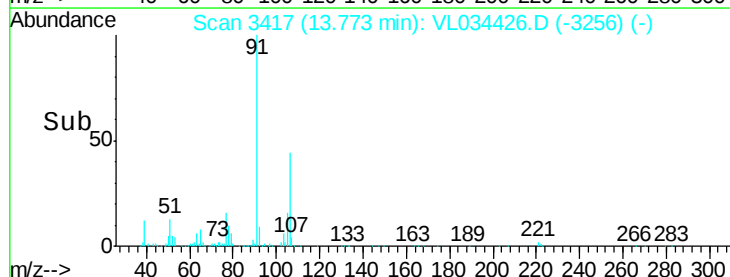
150000

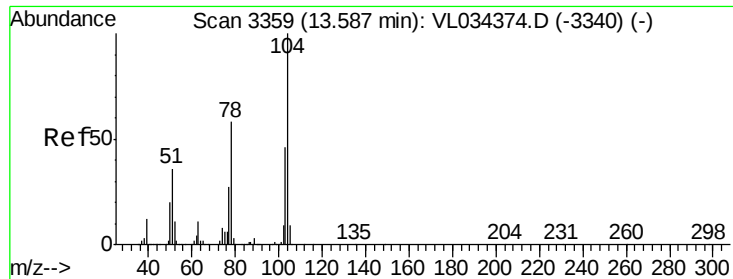
100000

50000

0

Time-->





#61

Stvrene

Concen: 0.134 ppbv m

RT: 13.62 min Scan# 3368

Delta R.T. 0.03 min

Lab File: VL034426.D

Acq: 2 Dec 2019 15:00

Instrument :

MSVOA_L

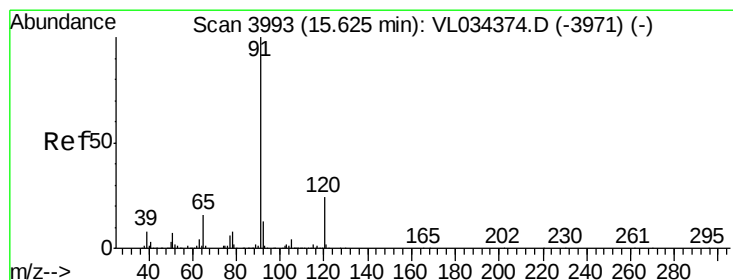
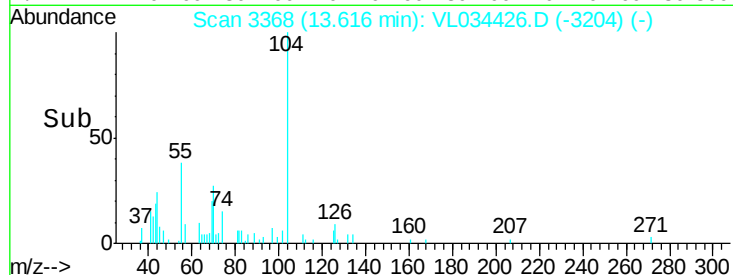
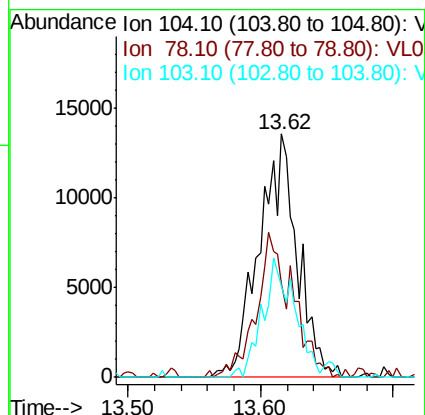
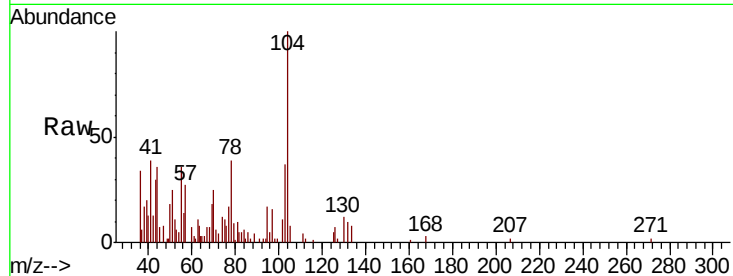
ClientSampleId :

SV-2

Tot Ion	Ratio	Lower	Upper
104	100		
78	0.0	47.6	71.4#
103	0.0	38.6	57.8#

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#64

n-propylbenzene

Concen: 0.236 ppbv

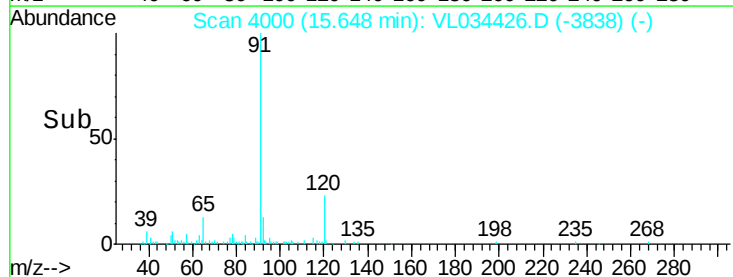
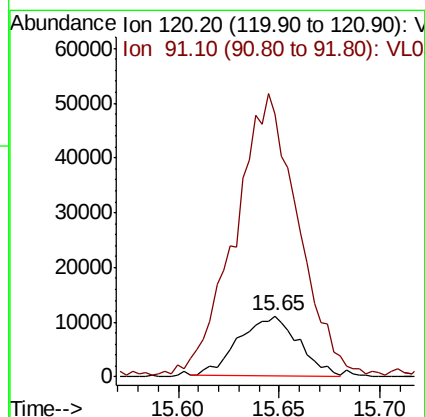
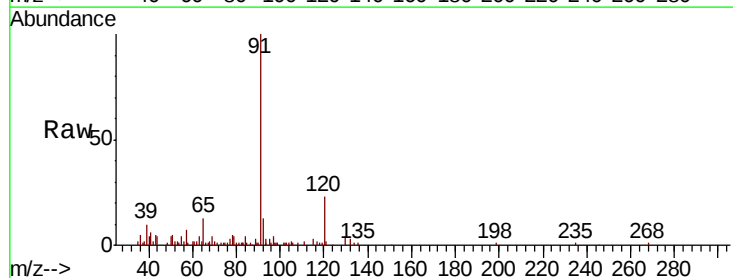
RT: 15.65 min Scan# 4000

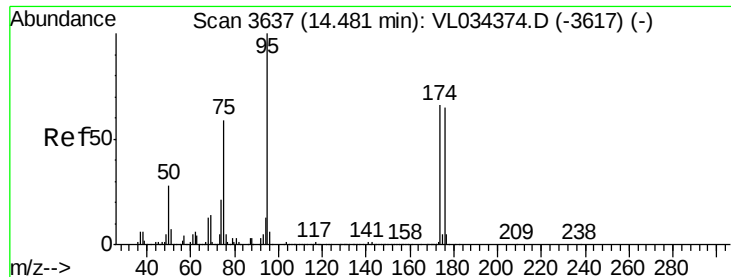
Delta R.T. 0.02 min

Lab File: VL034426.D

Acq: 2 Dec 2019 15:00

Tgt Ion	Ratio	Lower	Upper
120	100		
91	509.0	370.9	556.3





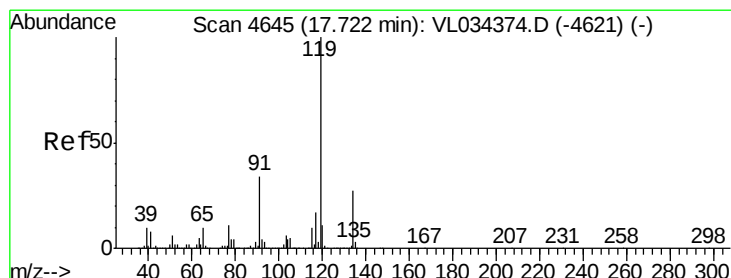
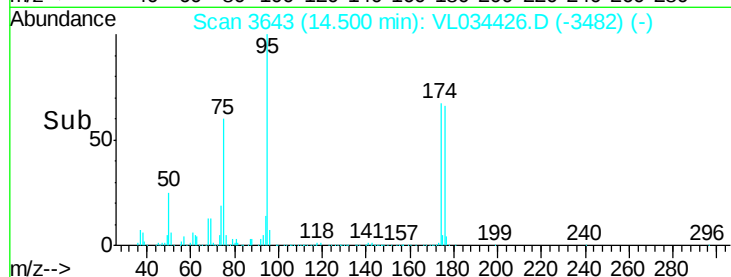
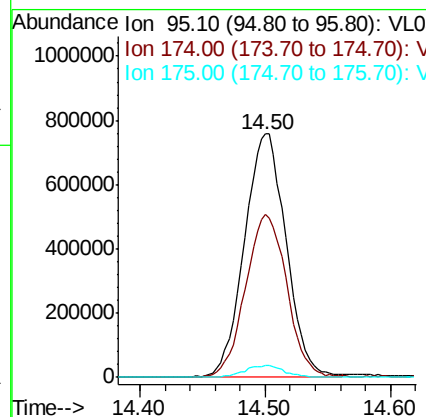
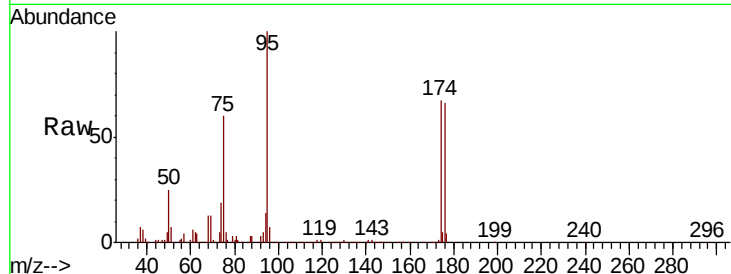
#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.836 ppbv
 RT: 14.50 min Scan# 3643
 Delta R.T. 0.02 min
 Lab File: VL034426.D
 Acq: 2 Dec 2019 15:00

Instrument :
 MSVOA_L
 ClientSampled :
 SV-2

Tot Ion: 95 Resp: 1742665
 Ion Ratio Lower Upper
 95 100
 174 67.0 52.2 78.2
 175 4.7 3.8 5.8

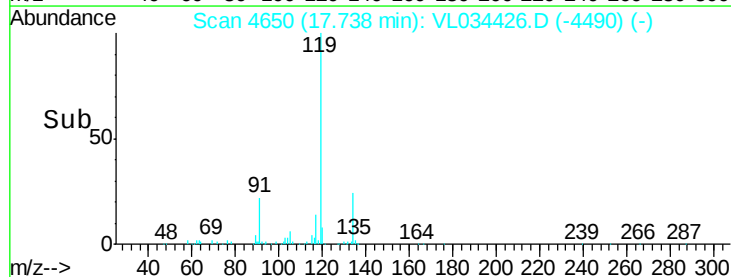
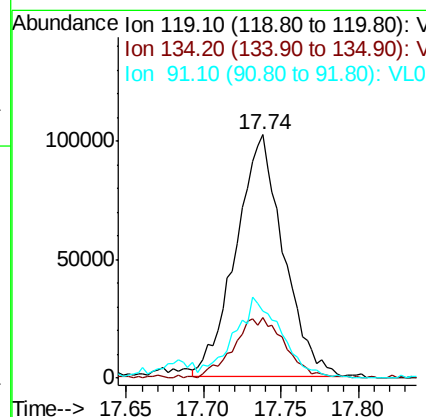
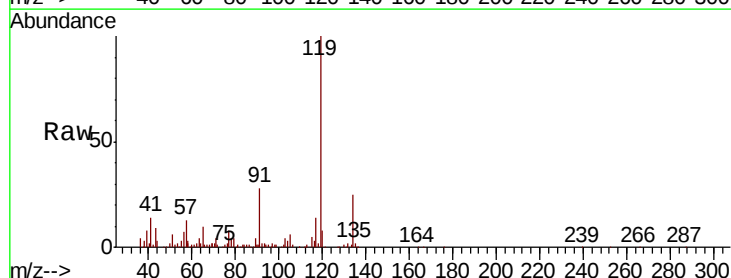
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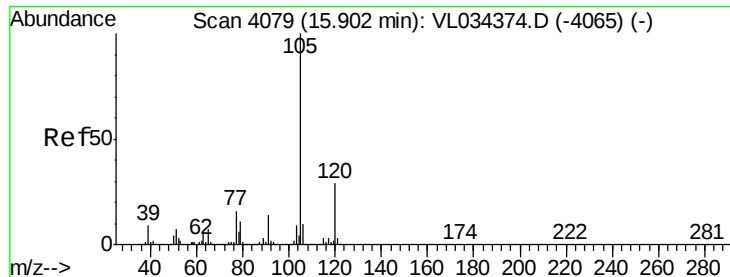
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#69
 p-Isopropyltoluene
 Concen: 0.568 ppbv
 RT: 17.74 min Scan# 4650
 Delta R.T. 0.02 min
 Lab File: VL034426.D
 Acq: 2 Dec 2019 15:00

Tgt Ion: 119 Resp: 218839
 Ion Ratio Lower Upper
 119 100
 134 27.3 20.6 31.0
 91 33.5 26.3 39.5





#72

4-Ethyltoluene

Concen: 0.427 ppbv m

RT: 15.92 min Scan# 4085

Delta R.T. 0.02 min

Lab File: VL034426.D

Acq: 2 Dec 2019 15:00

Instrument :

MSVOA_L

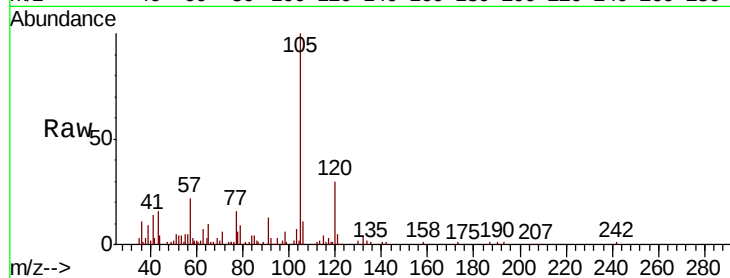
ClientSampleId :

SV-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	137837		
120	120	27.6	23.5	35.3	
91	91	13.8	11.4	17.0	
77	77	14.8	12.6	19.0	

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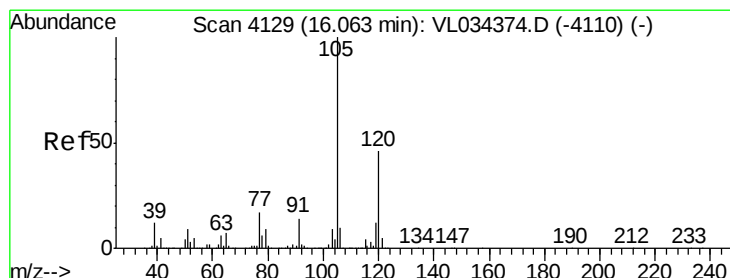
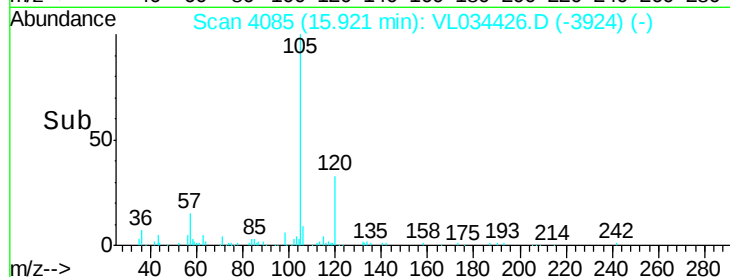
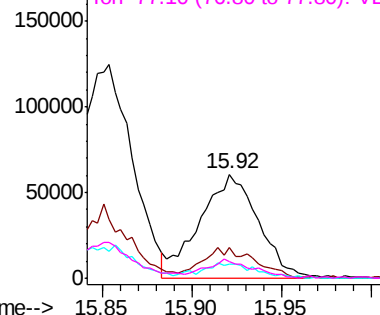


Abundance Ion 105.10 (104.80 to 105.80): V

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



#73

1,3,5-Trimethylbenzene

Concen: 0.304 ppbv

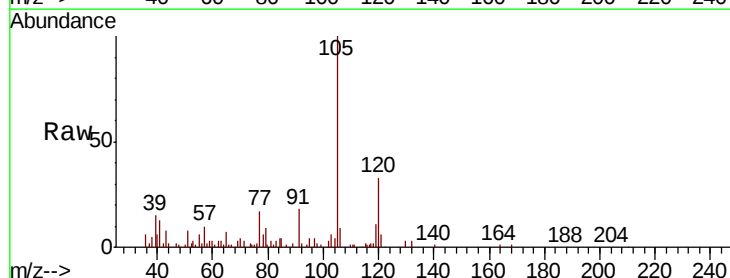
RT: 16.08 min Scan# 4135

Delta R.T. 0.02 min

Lab File: VL034426.D

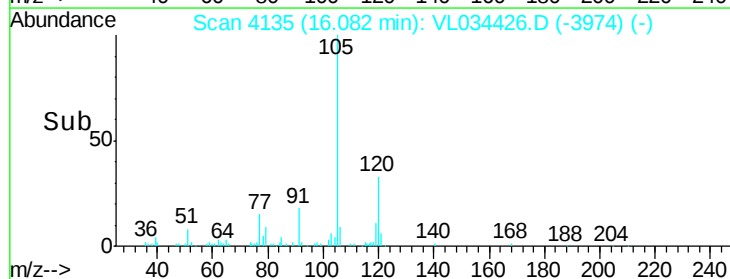
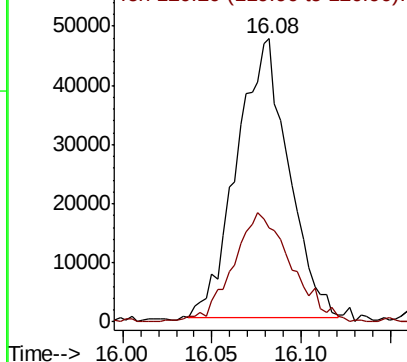
Acq: 2 Dec 2019 15:00

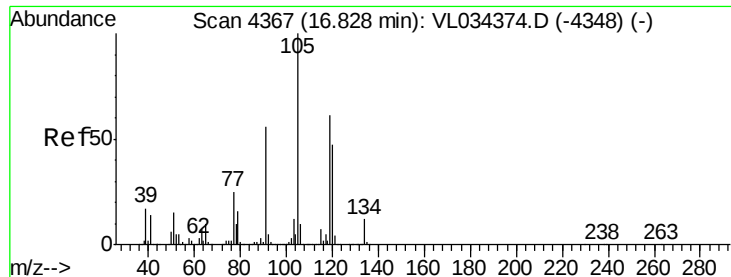
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	96129		
120	120	31.7	37.1	55.7	#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





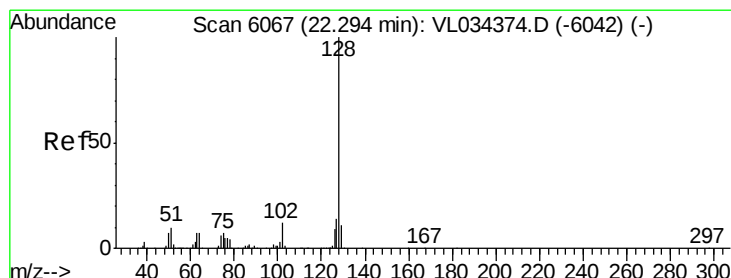
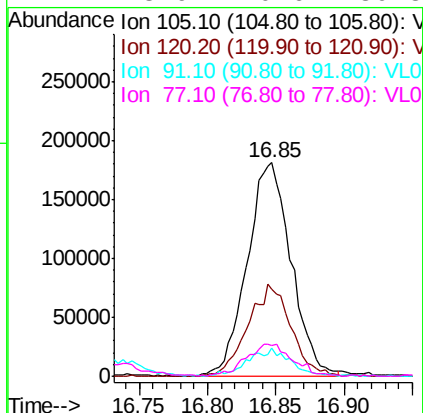
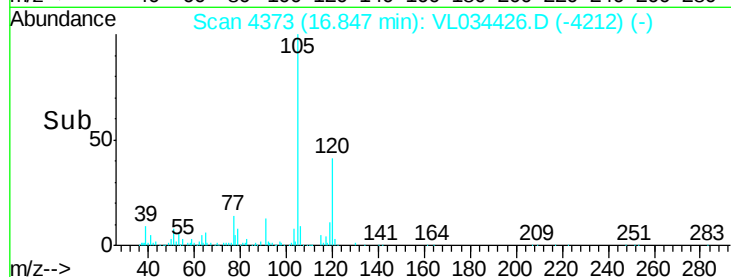
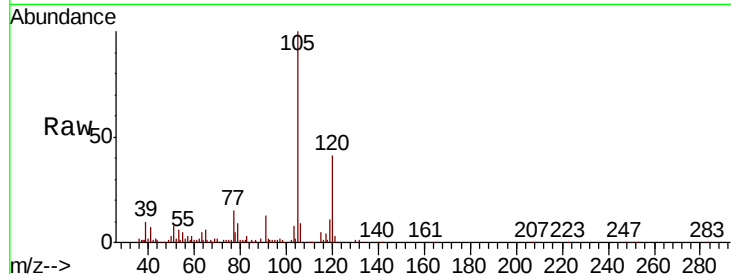
#74
 1,2,4-Trimethylbenzene
 Concen: 1.209 ppbv
 RT: 16.85 min Scan# 4373
 Delta R.T. 0.02 min
 Lab File: VL034426.D
 Acq: 2 Dec 2019 15:00

Instrument :
 MSVOA_L
 ClientSampled :
 SV-2

Tot Ion	Ratio	Resp	Lower	Upper
105	100	405739		
120	40.6	37.4	56.0	
91	12.8	46.3	69.5	
77	13.9	20.6	30.8	

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#79
 Naphthalene
 Concen: 0.138 ppbv m
 RT: 22.30 min Scan# 6070
 Delta R.T. 0.01 min
 Lab File: VL034426.D
 Acq: 2 Dec 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	40134		
127	14.5	11.0	16.6	
129	8.2	8.9	13.3	

