

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101719\
 Data File : VL034333.D
 Acq On : 18 Oct 2019 2:00
 Operator : SY/AP
 Sample : K5409-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV4

Manual Integrations
 APPROVED

MMDadoda
 10/22/2019 2:56:08 PM

Quant Time: Oct 18 05:57:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 18 05:57:17 2019
 QLast Update : Thu Oct 17 05:12:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	845435	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.21	114	1783668	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.16	117	1817570	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.49	95	1501336	9.75	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	35955	0.247	ppbv	93
3) Chlorodifluoromethane	2.96	51	31072m	0.314	ppbv	
4) Chloromethane	3.12	50	32287	0.551	ppbv	99
5) Vinyl Chloride	3.24	62	4467	0.080	ppbv	96
9) Propene	2.99	41	807437	18.381	ppbv	91
10) Heptane	8.17	43	202874m	1.799	ppbv	
11) Trichlorofluoromethane	3.94	101	32452	0.235	ppbv	83
13) Ethanol	3.60	45	83272	8.467	ppbv	99
15) Acetone	3.84	43	8063393	66.680	ppbv #	69
17) tert-Butyl alcohol	4.30	59	82214m	1.065	ppbv	
19) Isopropyl Alcohol	3.97	45	66624m	0.988	ppbv	
20) Methylene Chloride	4.35	84	48565	1.111	ppbv	96
26) Hexane	5.71	57	267404	3.073	ppbv #	39
27) Carbon Disulfide	4.56	76	194300	2.151	ppbv	98
29) Chloroform	5.78	83	41922	0.305	ppbv	97
30) Cyclohexane	7.16	84	144785	2.262	ppbv	94
31) cis-1,2-Dichloroethene	5.58	61	106936	1.211	ppbv	97
34) 2-Butanone	5.26	43	591571	4.058	ppbv	97
35) Carbon Tetrachloride	7.06	117	9434m	0.061	ppbv	
36) Benzene	6.93	78	189809	1.109	ppbv	92
38) Trichloroethene	7.88	130	182549	2.658	ppbv	95
44) 2,2,4-Trimethylpentane	7.91	57	145317	0.459	ppbv #	42
50) 4-Methyl-2-Pentanone	8.80	43	48872m	0.234	ppbv	
51) 2-Hexanone	10.19	43	113406	0.663	ppbv #	95
52) Tetrachloroethene	11.30	164	5202193	77.550	ppbv	94
53) Toluene	9.86	91	1128584	5.976	ppbv	99
58) Ethyl Benzene	12.78	91	300805	1.184	ppbv	94
59) m/p-Xylene	13.03	91	837335	3.804	ppbv	97
60) o-Xylene	13.76	91	316219	1.443	ppbv	98
61) Styrene	13.60	104	22807m	0.148	ppbv	
72) 4-Ethyltoluene	15.91	105	101469m	0.412	ppbv	
73) 1,3,5-Trimethylbenzene	16.08	105	65464m	0.268	ppbv	
74) 1,2,4-Trimethylbenzene	16.85	105	219036	0.860	ppbv #	71

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

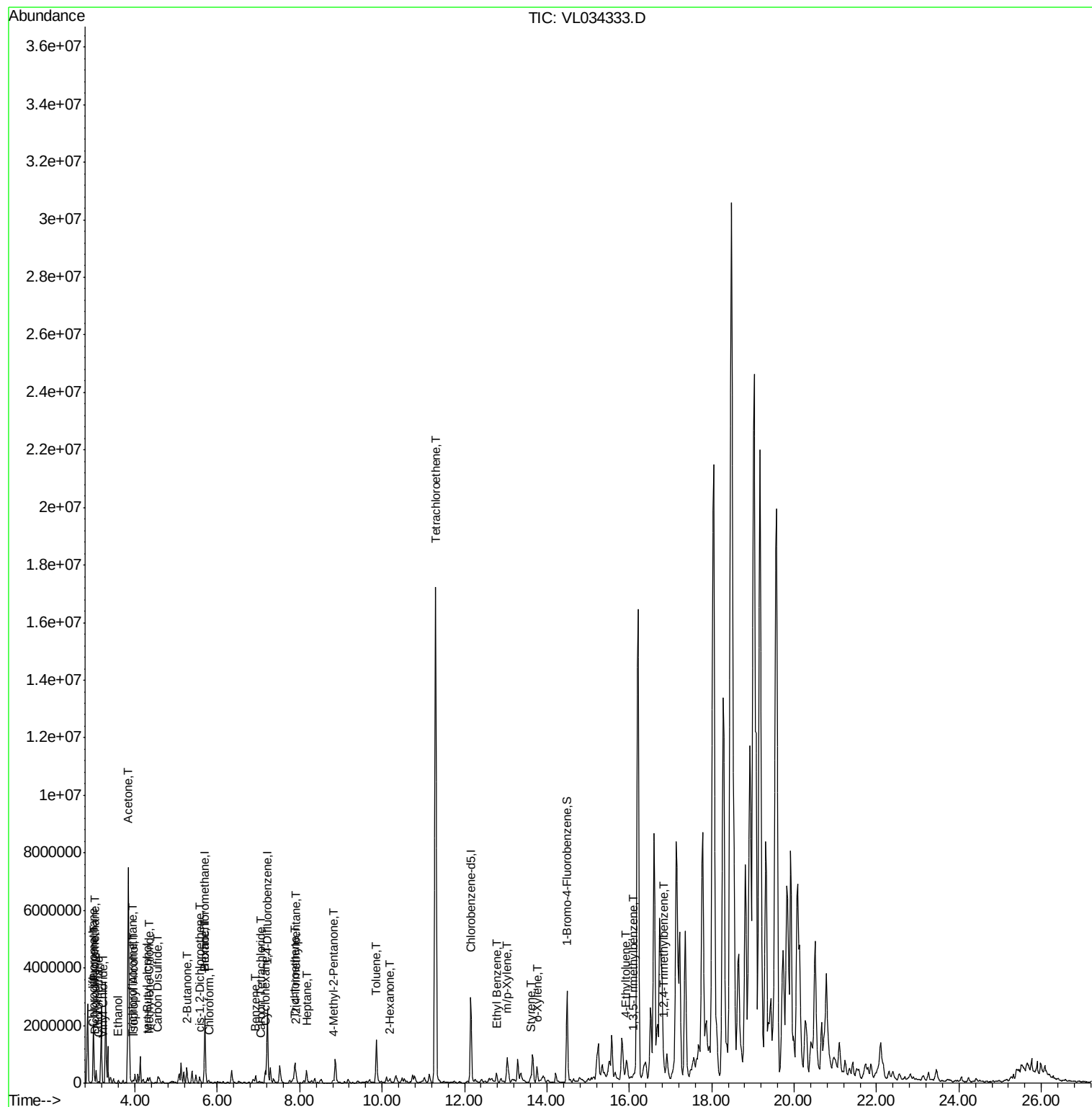
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL101719\
Data File : VL034333.D
Acq On : 18 Oct 2019 2:00
Operator : SY/AP
Sample : K5409-04
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

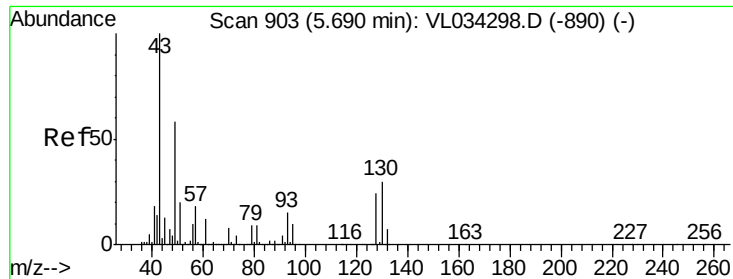
Instrument :
MSVOA_L
ClientSampleId :
SV4

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Quant Time: Oct 18 05:57:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 904

Delta R.T. 0.00 min

Lab File: VL034333.D

Acq: 18 Oct 2019 2:00

Instrument :

MSVOA_L

ClientSampled :

SV4

Tot Ion: 49 Resp: 845435
Ion Ratio Lower Upper

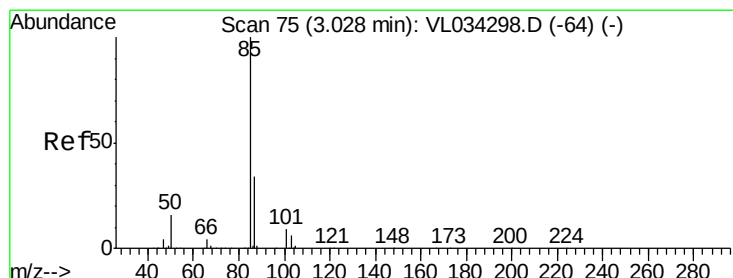
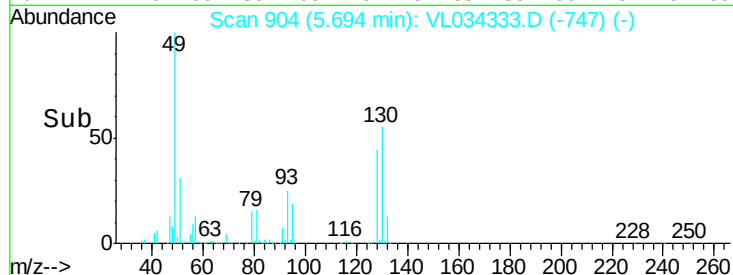
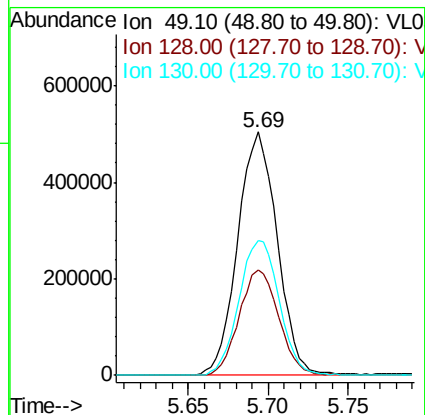
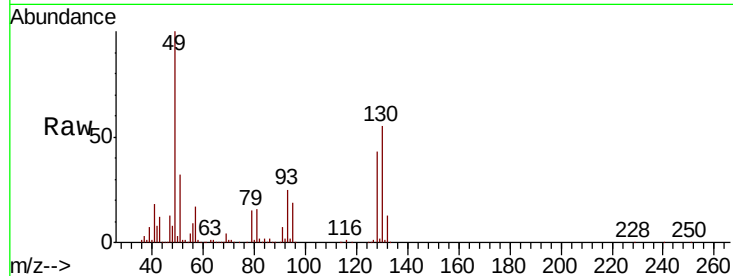
49 100

128 44.0 20.6 61.8

130 56.6 26.2 78.5

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 0.247 ppbv

RT: 3.03 min Scan# 75

Delta R.T. 0.00 min

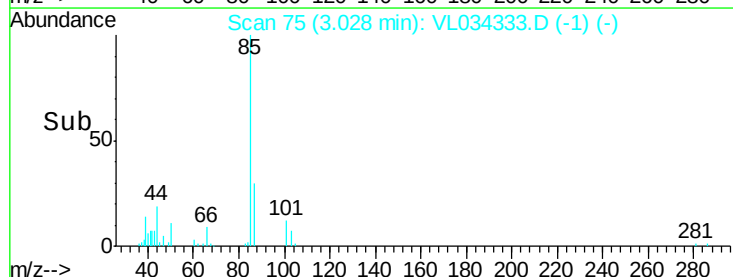
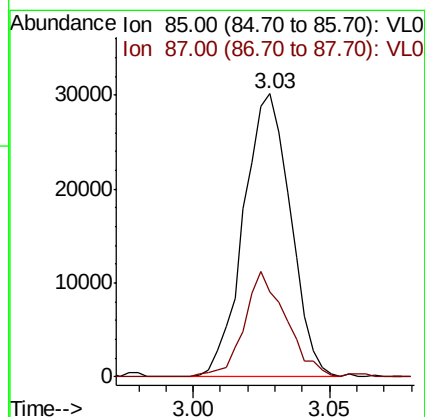
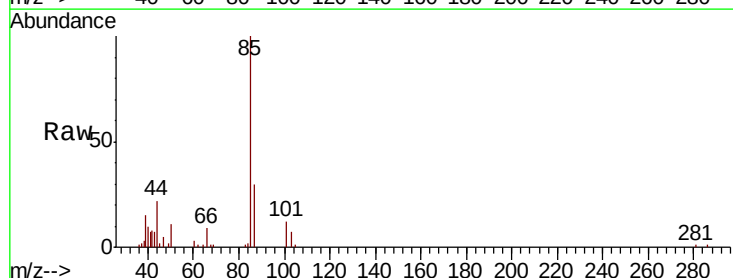
Lab File: VL034333.D

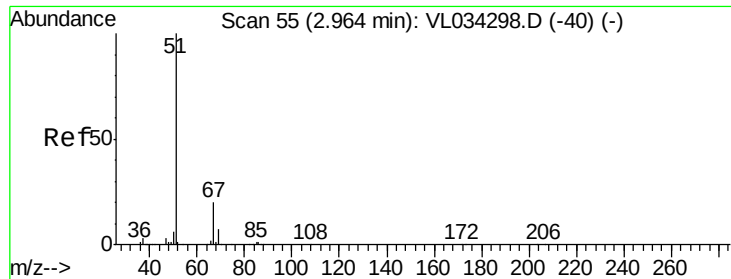
Acq: 18 Oct 2019 2:00

Tgt Ion: 85 Resp: 35955
Ion Ratio Lower Upper

85 100

87 29.9 27.0 40.6





#3

Chlorodifluoromethane

Concen: 0.314 ppbv

RT: 2.96 min Scan# 55

Delta R.T. 0.00 min

Lab File: VL034333.D

Acq: 18 Oct 2019 2:00

Instrument :

MSVOA_L

ClientSampled :

SV4

Tot Ion: 51 Resp: 31072

Ion Ratio Lower Upper

51 100

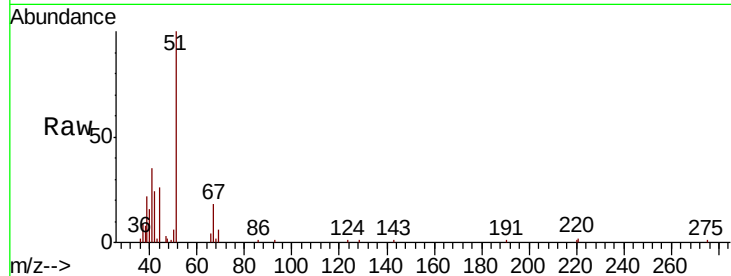
67 19.6 15.8 23.8

Manual Integrations

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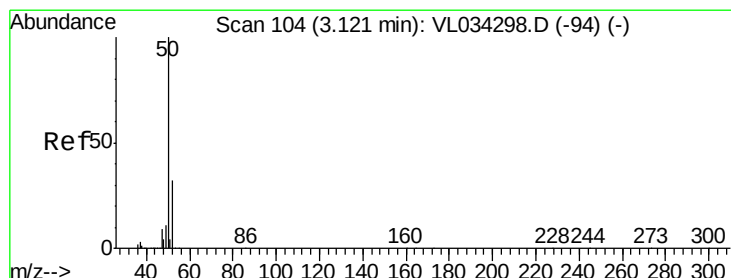
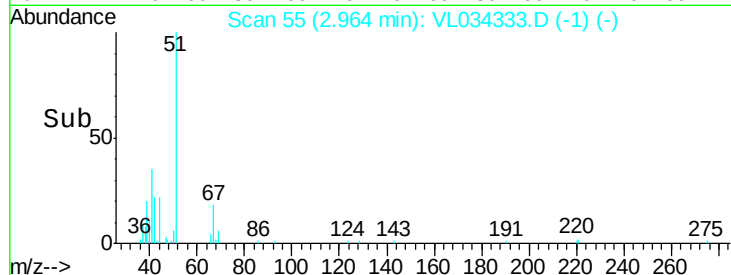
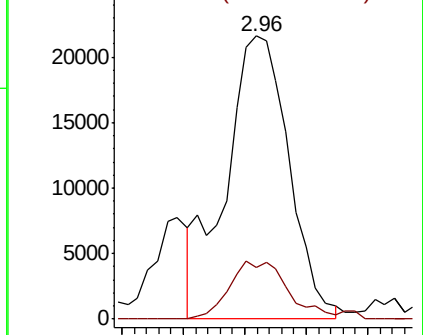
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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.551 ppbv

RT: 3.12 min Scan# 104

Delta R.T. 0.00 min

Lab File: VL034333.D

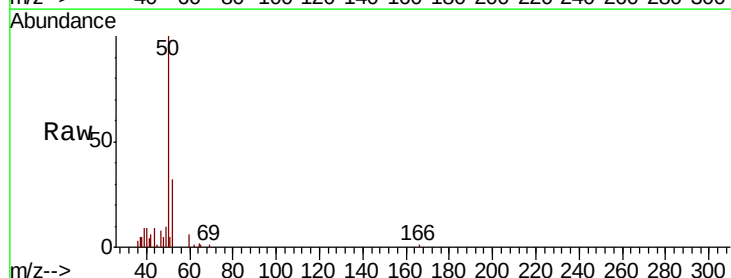
Acq: 18 Oct 2019 2:00

Tgt Ion: 50 Resp: 32287

Ion Ratio Lower Upper

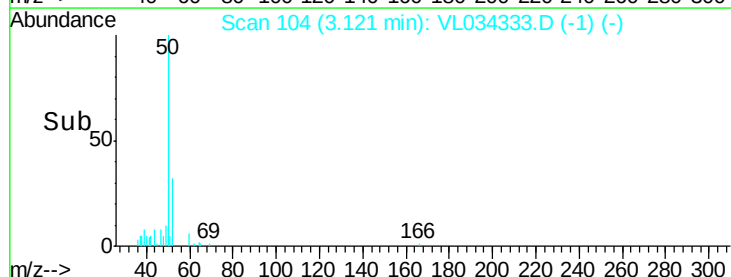
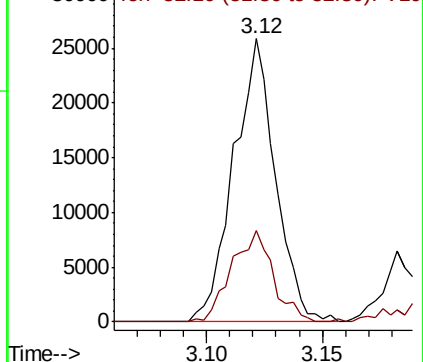
50 100

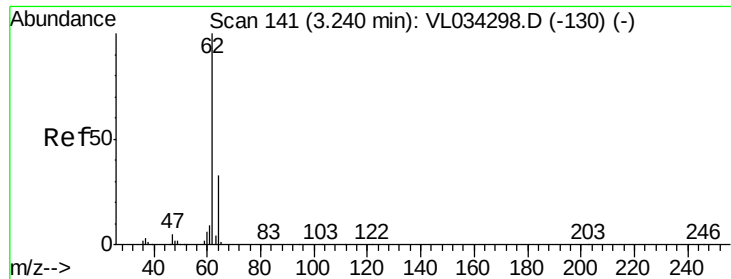
52 32.3 25.4 38.2



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.080 ppbv

RT: 3.24 min Scan# 140

Delta R.T. -0.00 min

Lab File: VL034333.D

Acq: 18 Oct 2019 2:00

Instrument :

MSVOA_L

ClientSampleId :

SV4

Tot Ion: 62 Resp: 4467

Ion Ratio Lower Upper

62 100

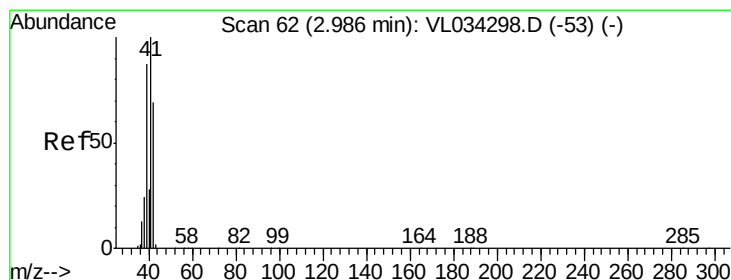
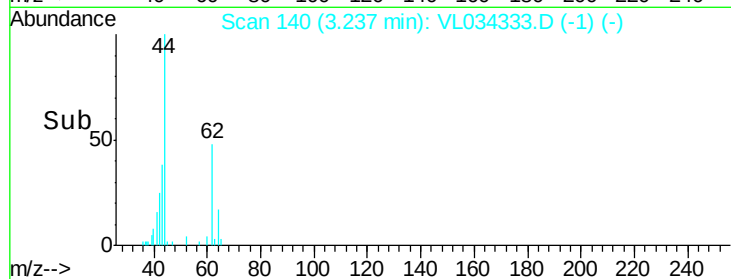
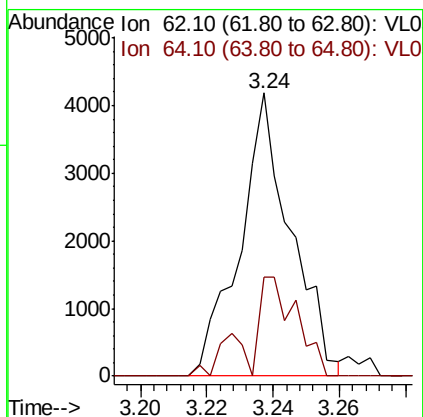
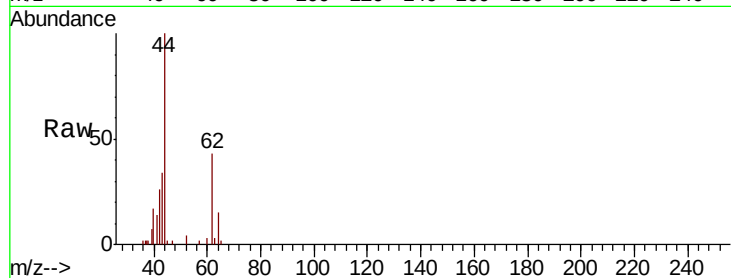
64 34.8 26.0 39.0

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#9

Propene

Concen: 18.381 ppbv

RT: 2.99 min Scan# 63

Delta R.T. 0.00 min

Lab File: VL034333.D

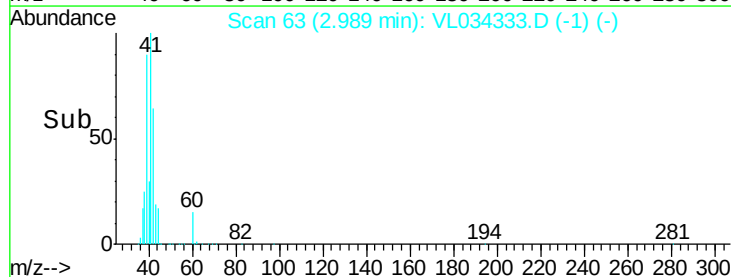
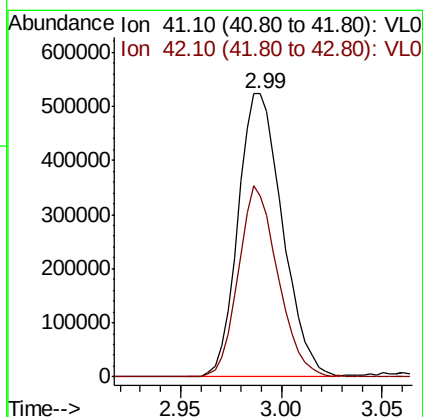
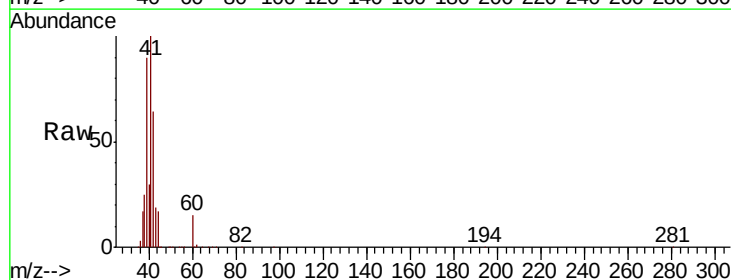
Acq: 18 Oct 2019 2:00

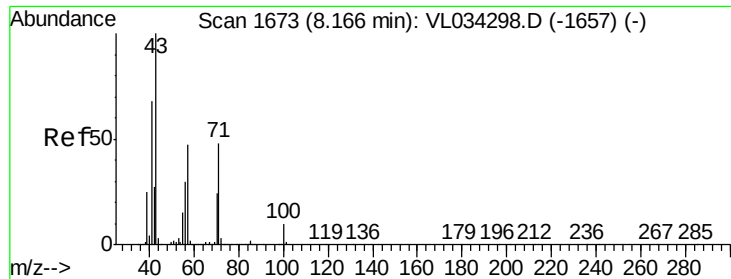
Tgt Ion: 41 Resp: 807437

Ion Ratio Lower Upper

41 100

42 60.5 53.9 80.9





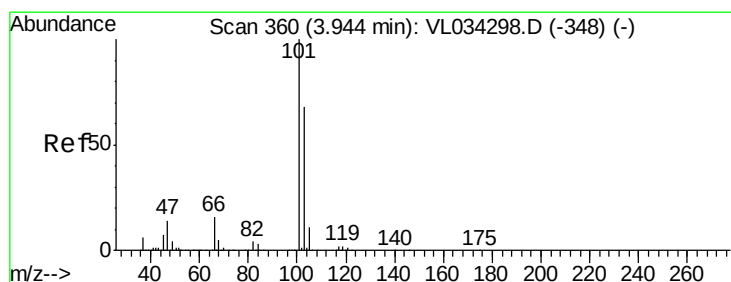
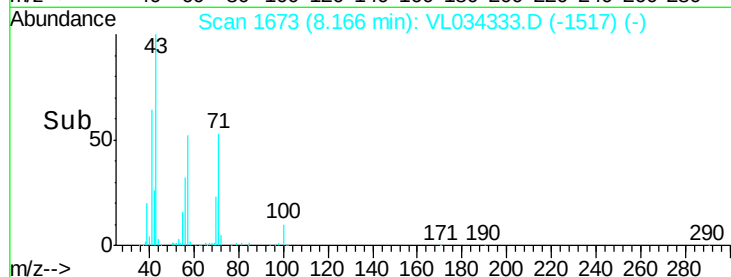
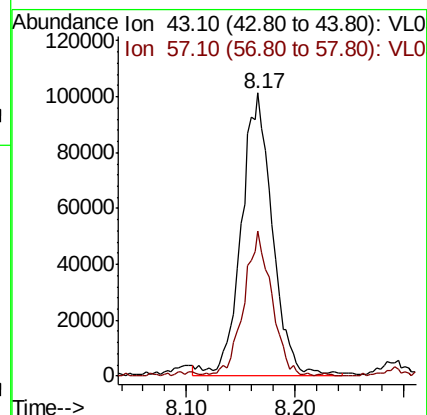
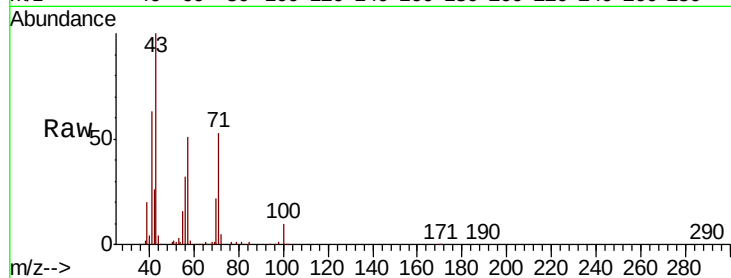
#10
Heptane
Concen: 1.799 ppbv m
RT: 8.17 min Scan# 1673
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument :
MSVOA_L
ClientSampled :
SV4

Tot Ion: 43 Resp: 202874
Ion Ratio Lower Upper
43 100
57 47.3 39.5 59.3

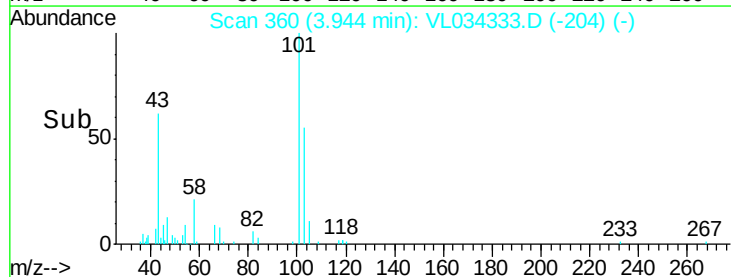
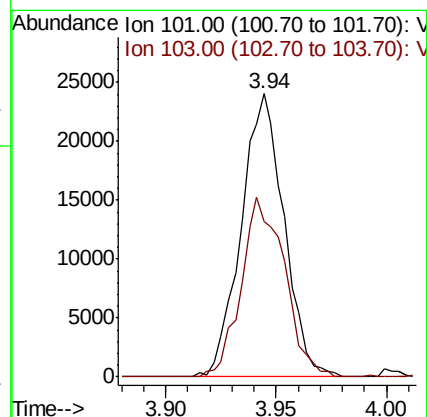
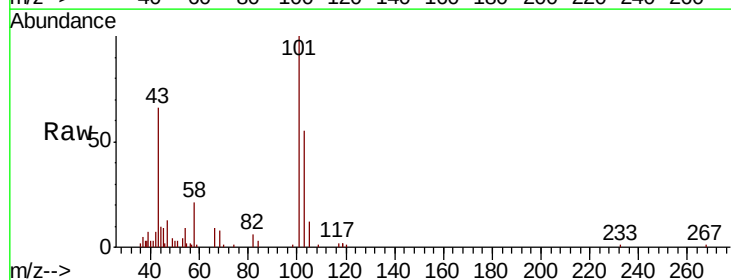
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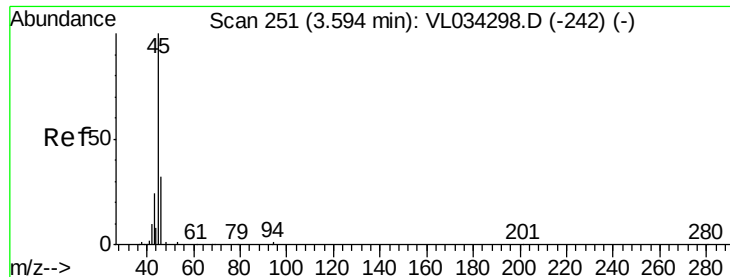
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#11
Trichlorofluoromethane
Concen: 0.235 ppbv
RT: 3.94 min Scan# 360
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion: 101 Resp: 32452
Ion Ratio Lower Upper
101 100
103 54.8 54.5 81.7





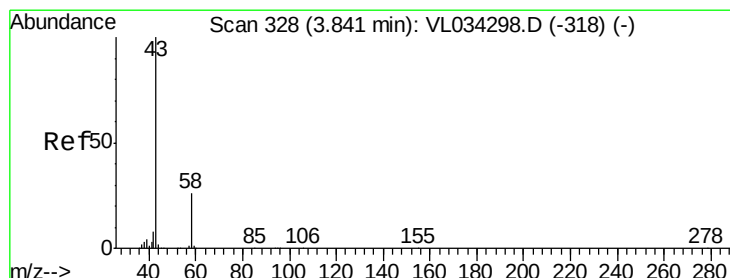
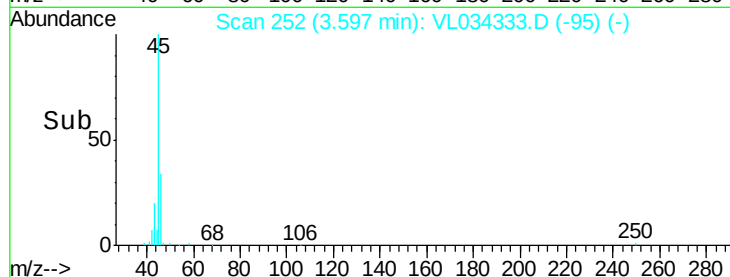
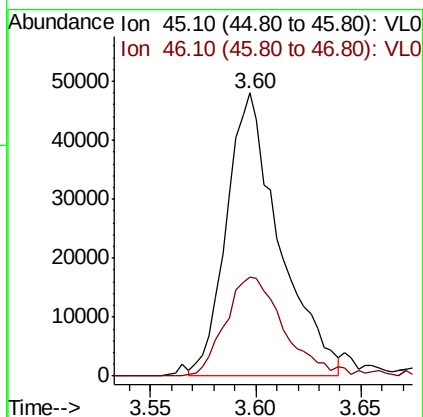
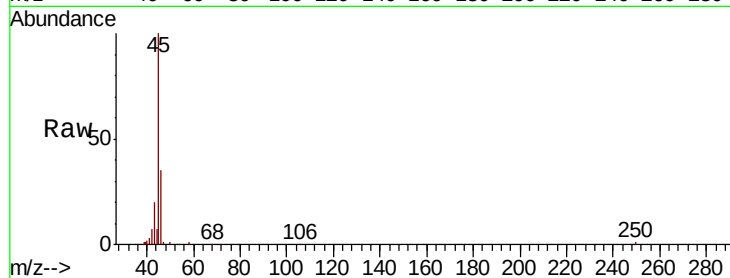
#13
Ethanol
Concen: 8.467 ppbv
RT: 3.60 min Scan# 252
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument :
MSVOA_L
ClientSampled :
SV4

Tot Ion	45	46	Ratio	Lower	Upper
83272	100	40.1		15.8	63.2

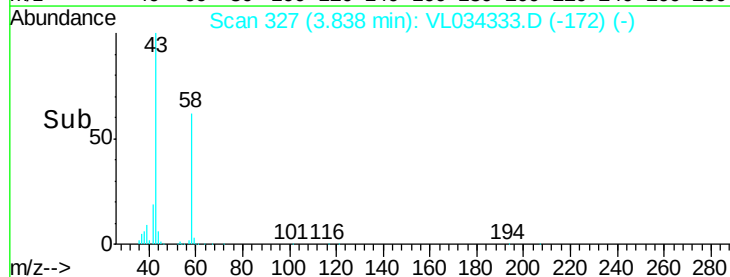
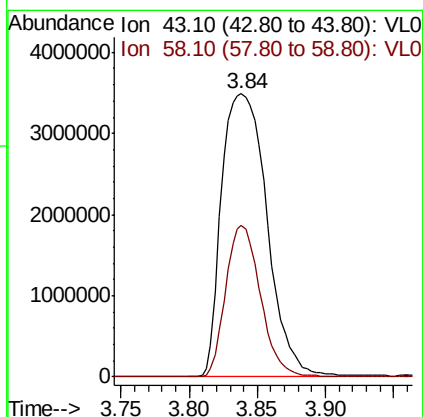
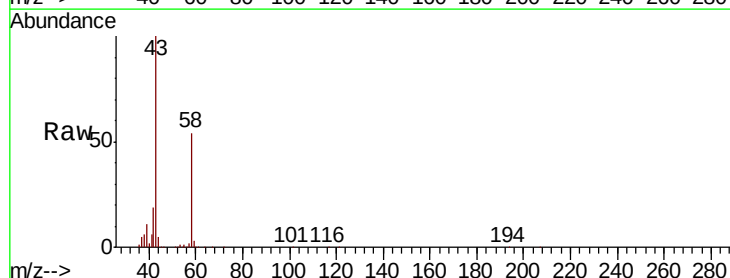
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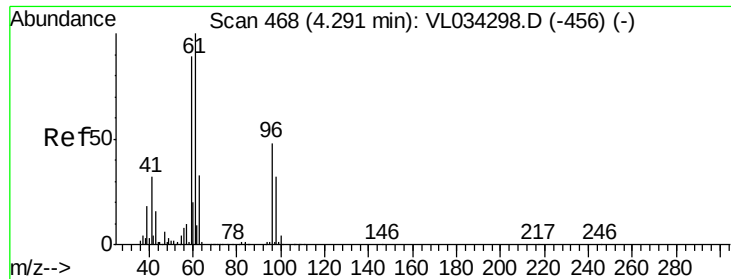
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#15
Acetone
Concen: 66.680 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion	43	58	Ratio	Lower	Upper
8063393	100	41.3		20.4	30.6#





#17

tert-Butyl alcohol

Concen: 1.065 ppbv m

RT: 4.30 min Scan# 472

Delta R.T. 0.01 min

Lab File: VL034333.D

Acq: 18 Oct 2019 2:00

Instrument :

MSVOA_L

ClientSampled :

SV4

Tot Ion: 59 Resp: 82214

Ion Ratio Lower Upper

59 100

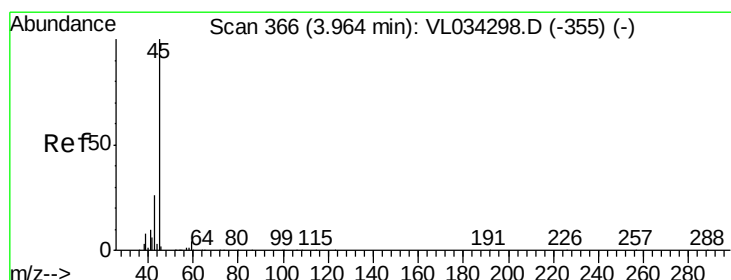
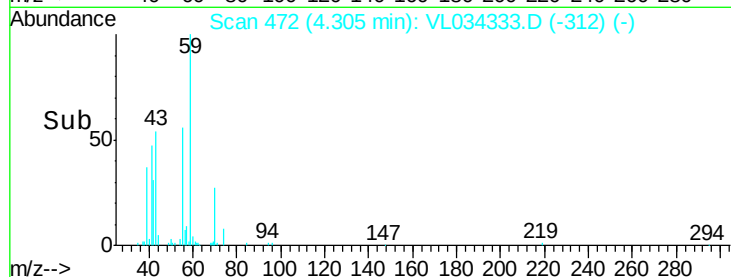
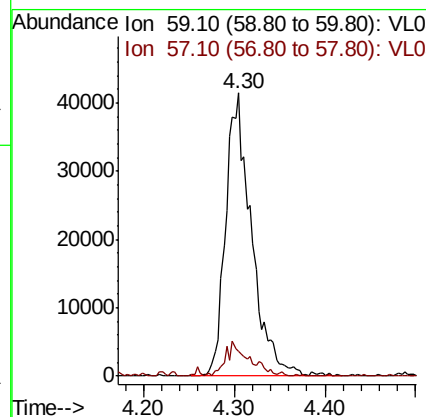
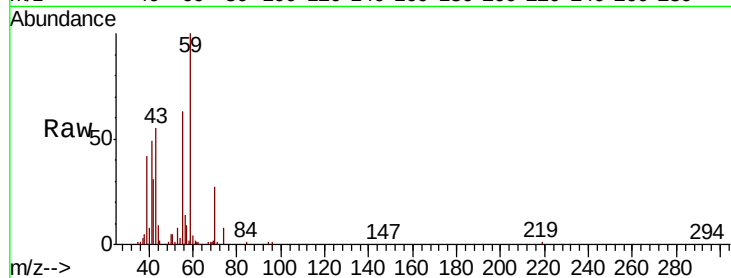
57 0.0 8.8 13.2#

Manual Integrations

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#19

Isopropyl Alcohol

Concen: 0.988 ppbv m

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VL034333.D

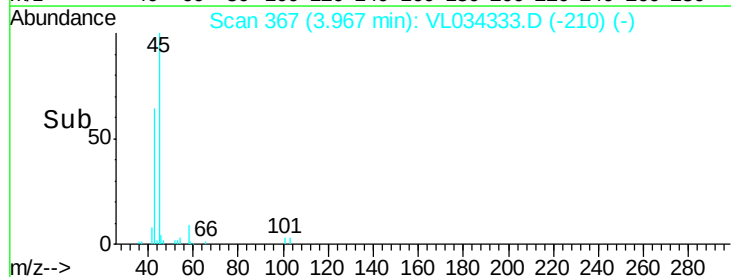
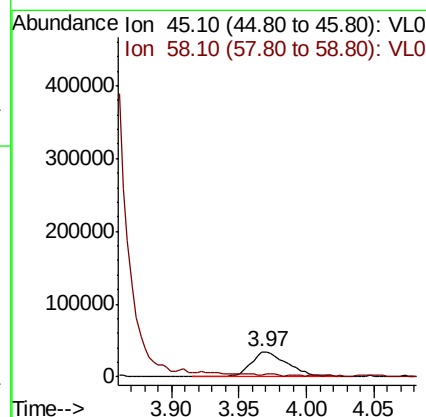
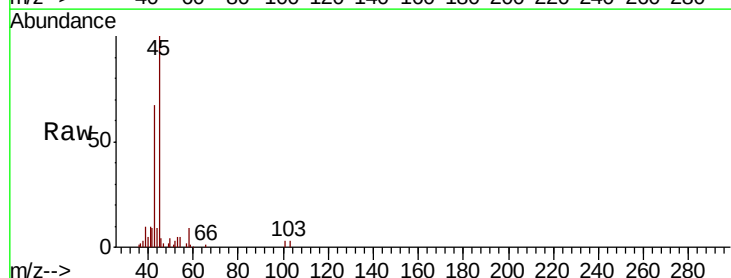
Acq: 18 Oct 2019 2:00

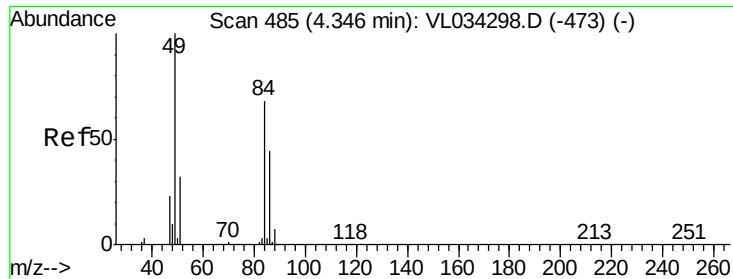
Tgt Ion: 45 Resp: 66624

Ion Ratio Lower Upper

45 100

58 0.0 1.4 2.2#





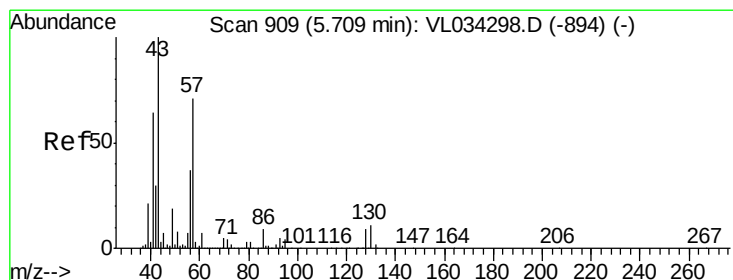
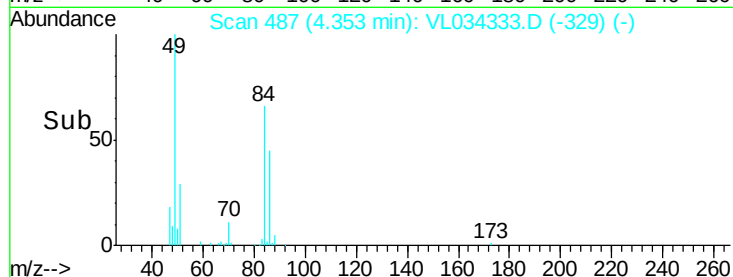
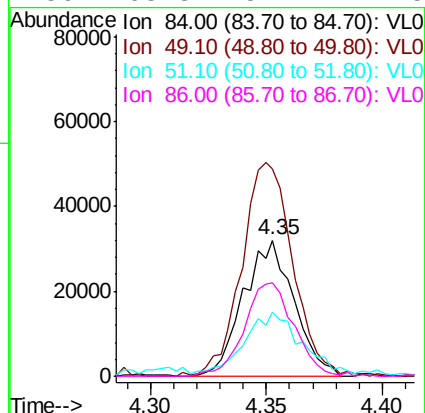
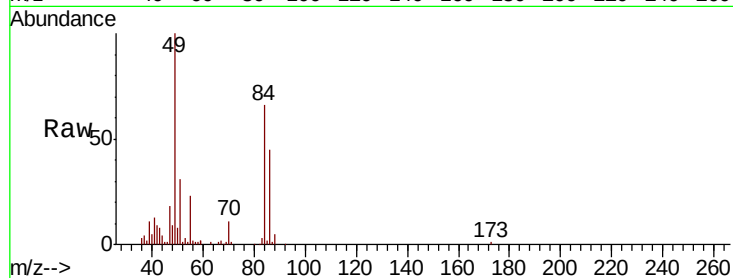
#20
Methvlene Chloride
Concen: 1.111 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.01 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument :
MSVOA_L
ClientSampled :
SV4

Tot Ion:	84	Resp:	48565
Ion	Ratio	Lower	Upper
84	100		
49	151.5	118.5	177.7
51	45.9	38.8	58.2
86	68.8	51.7	77.5

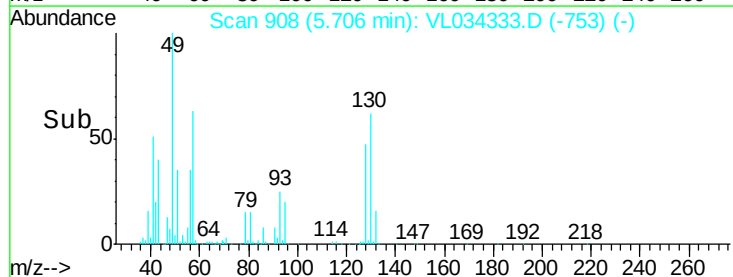
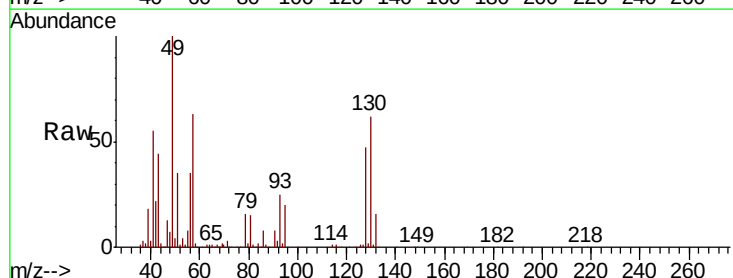
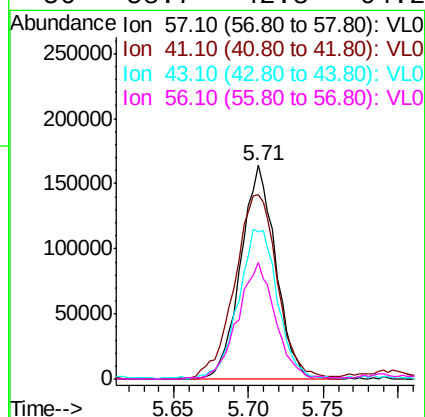
Manual Integrations
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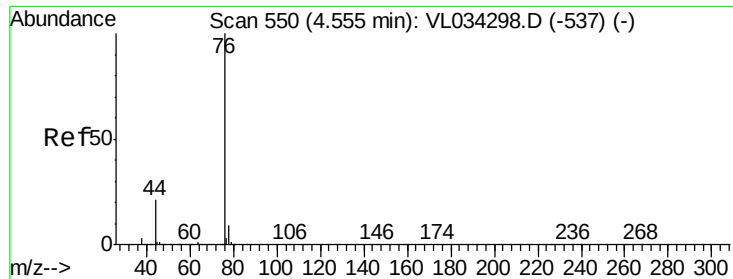
MMDadoda
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#26
Hexane
Concen: 3.073 ppbv
RT: 5.71 min Scan# 908
Delta R.T. -0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion:	57	Resp:	267404
Ion	Ratio	Lower	Upper
57	100		
41	105.8	76.5	114.7
43	77.4	188.5	282.7#
56	58.7	42.8	64.2





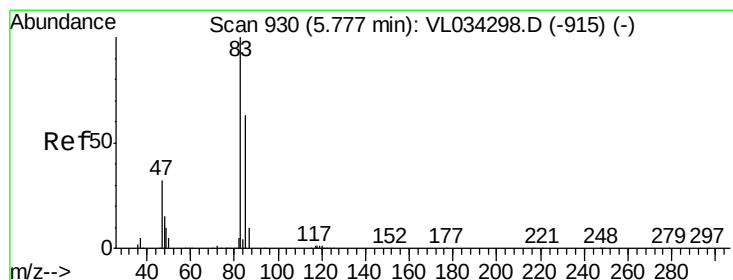
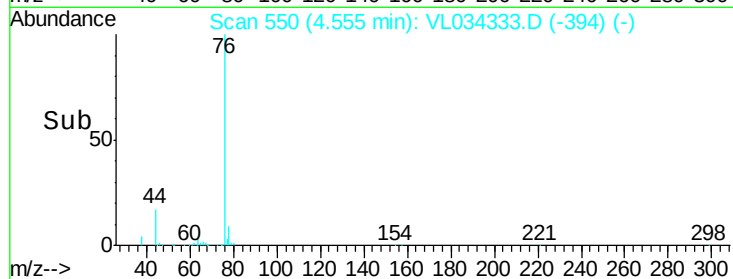
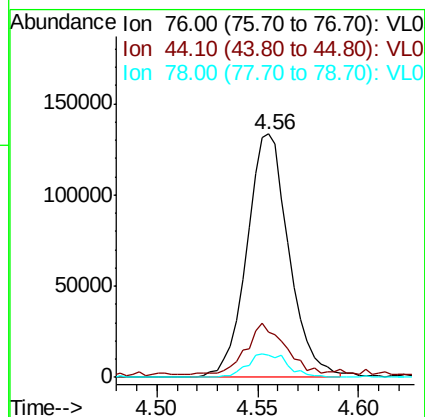
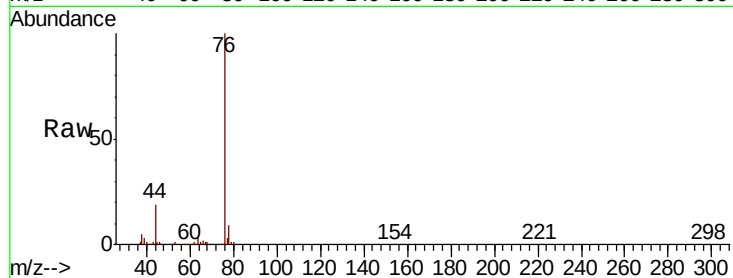
#27
Carbon Disulfide
Concen: 2.151 ppbv
RT: 4.56 min Scan# 550
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument :
MSVOA_L
ClientSampled :
SV4

Tot Ion	Ratio	Lower	Upper
76	100		
44	22.8	17.3	25.9
78	9.5	7.8	11.6

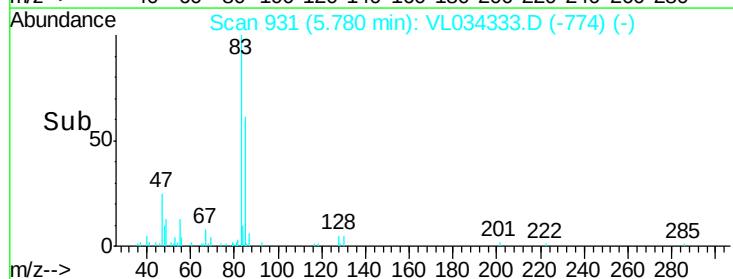
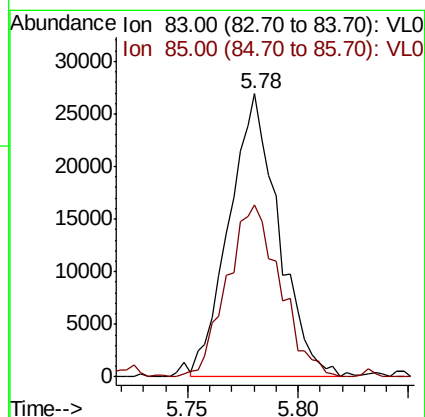
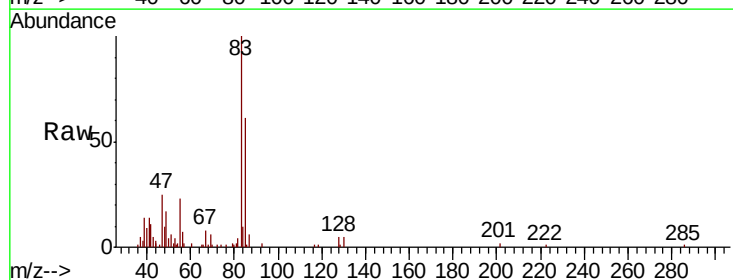
Manual Integrations
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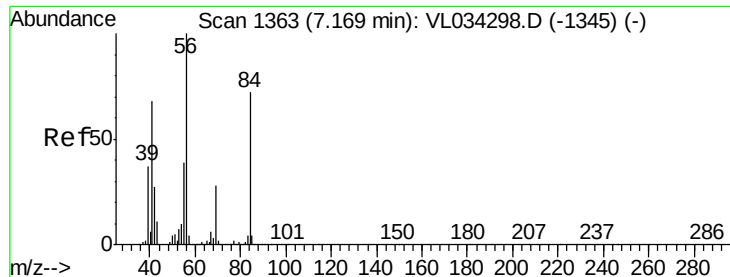
MMDadoda
10/22/2019 2:56:08 PM



#29
Chloroform
Concen: 0.305 ppbv
RT: 5.78 min Scan# 931
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.9	50.5	75.7





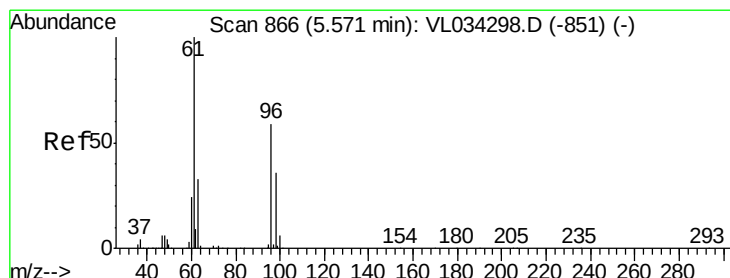
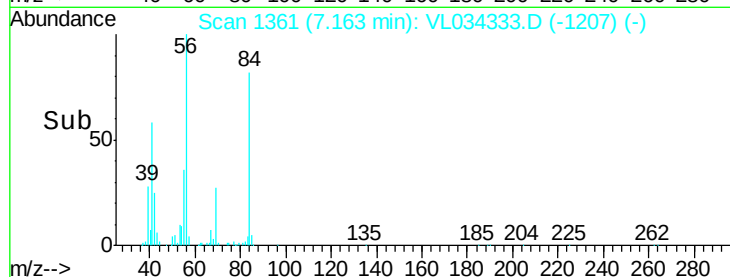
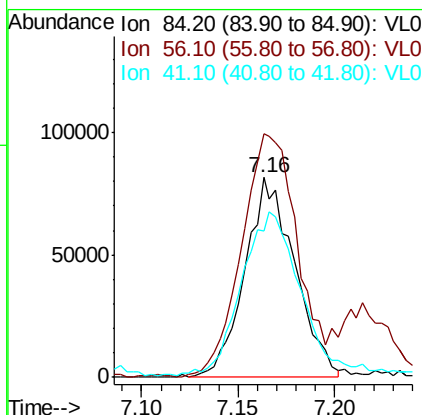
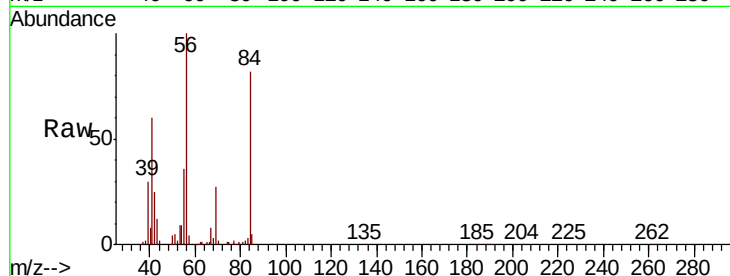
#30
Cyclohexane
Concen: 2.262 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.01 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument :
MSVOA_L
ClientSampled :
SV4

Tot Ion	Ratio	Lower	Upper
84	100		
56	136.9	119.4	179.0
41	99.4	78.7	118.1

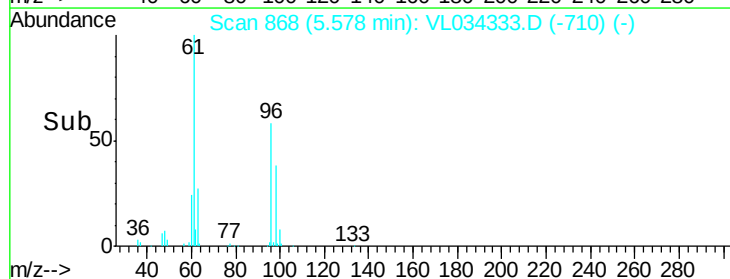
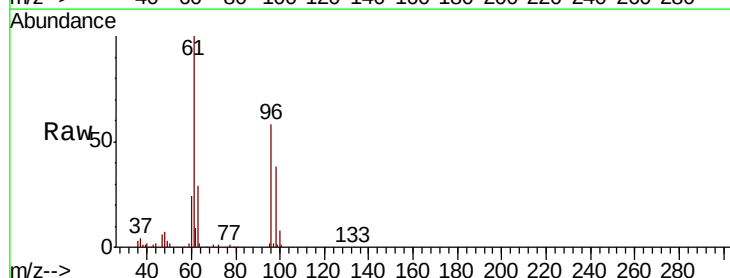
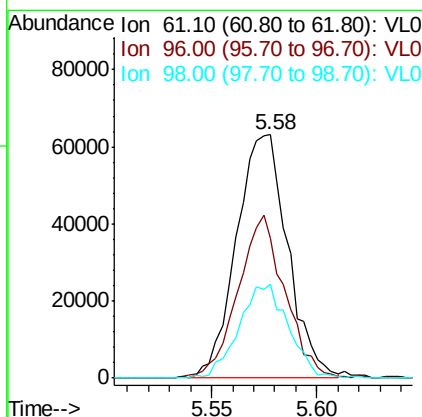
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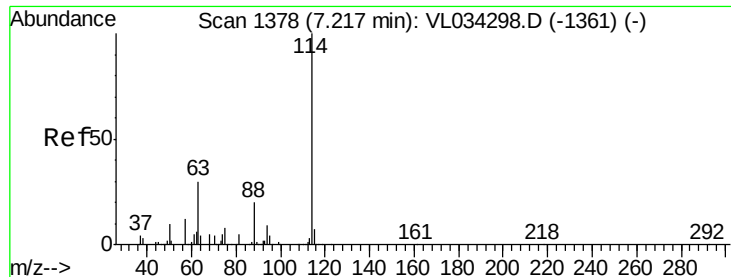
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#31
cis-1,2-Dichloroethene
Concen: 1.211 ppbv
RT: 5.58 min Scan# 868
Delta R.T. 0.01 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion	Ratio	Lower	Upper
61	100		
96	57.0	47.5	71.3
98	38.1	28.8	43.2





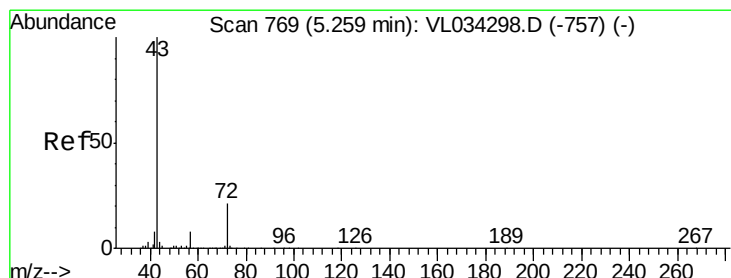
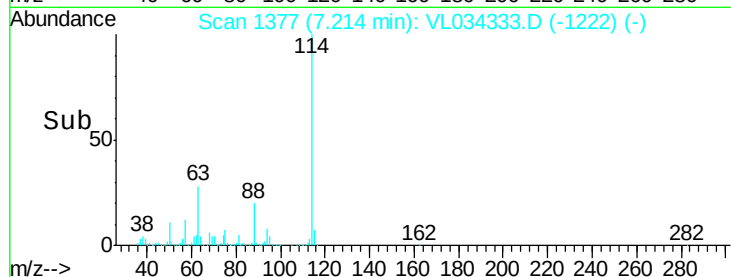
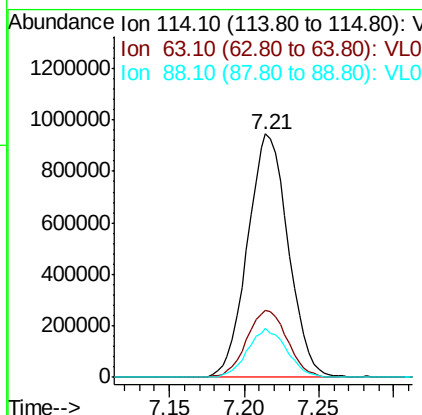
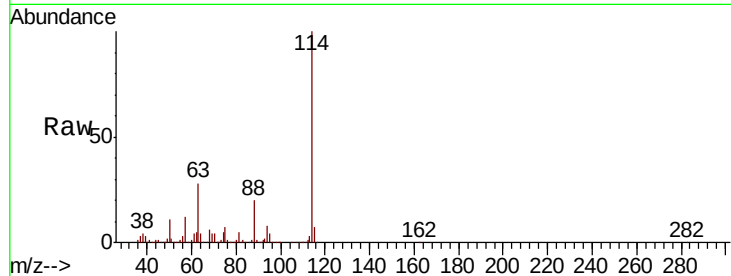
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.21 min Scan# 1377
 Delta R.T. -0.00 min
 Lab File: VL034333.D
 Acq: 18 Oct 2019 2:00

Instrument :
 MSVOA_L
 ClientSampled :
 SV4

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.9	25.2	37.8
88	19.4	16.0	24.0

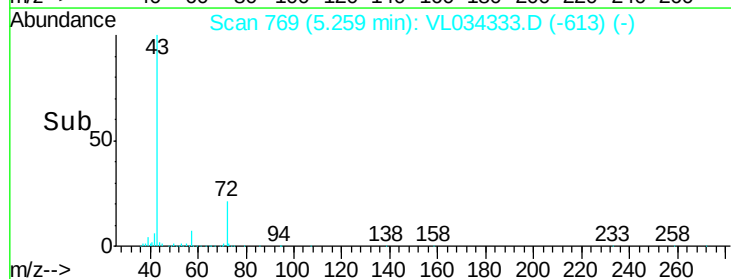
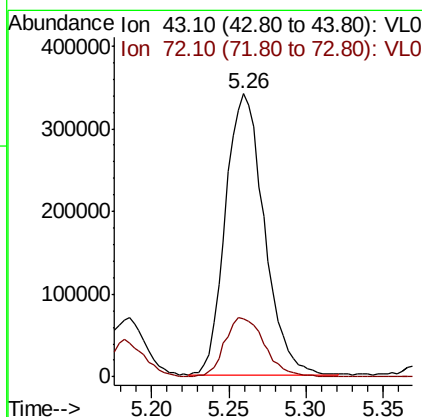
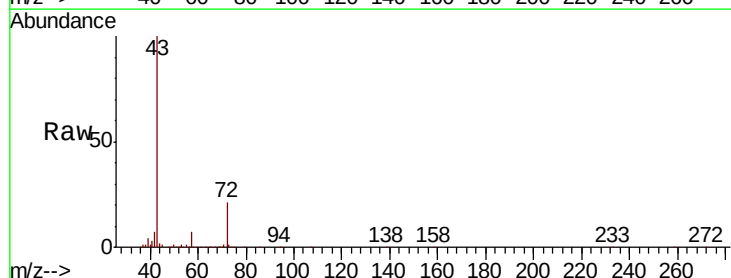
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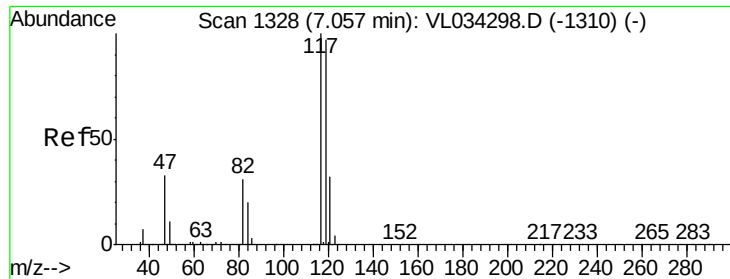
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#34
 2-Butanone
 Concen: 4.058 ppbv
 RT: 5.26 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: VL034333.D
 Acq: 18 Oct 2019 2:00

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.0	16.3	24.5





#35

Carbon Tetrachloride

Concen: 0.061 ppbv m

RT: 7.06 min Scan# 1329

Delta R.T. 0.00 min

Lab File: VL034333.D

Acq: 18 Oct 2019 2:00

Instrument :

MSVOA_L

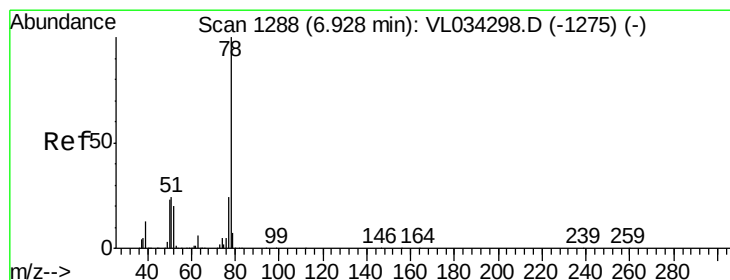
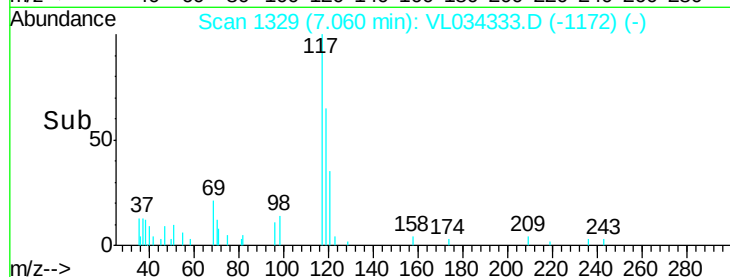
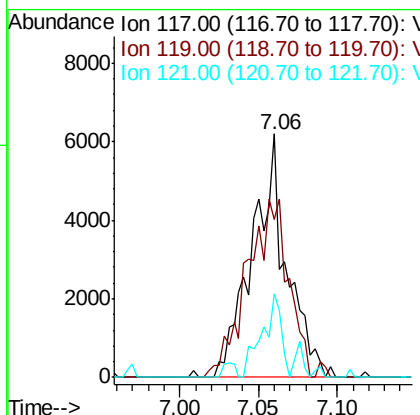
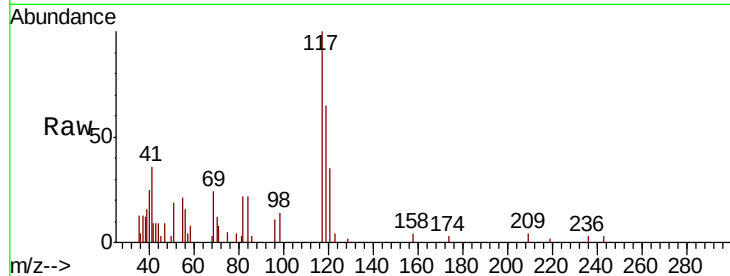
ClientSampled :

SV4

Tot Ion	Ratio	Lower	Upper
117	100		
119	64.9	77.3	115.9#
121	34.5	25.5	38.3

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#36

Benzene

Concen: 1.109 ppbv

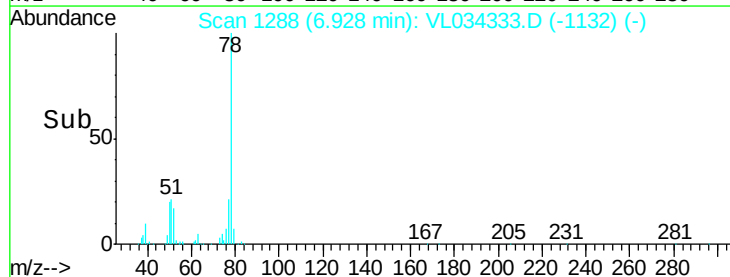
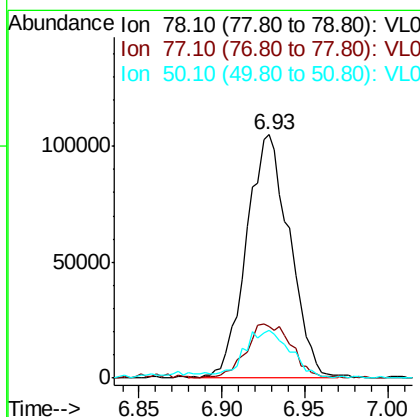
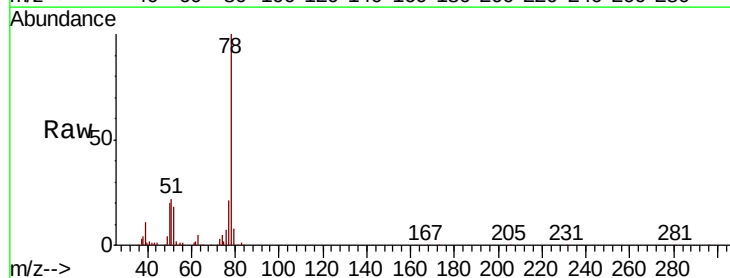
RT: 6.93 min Scan# 1288

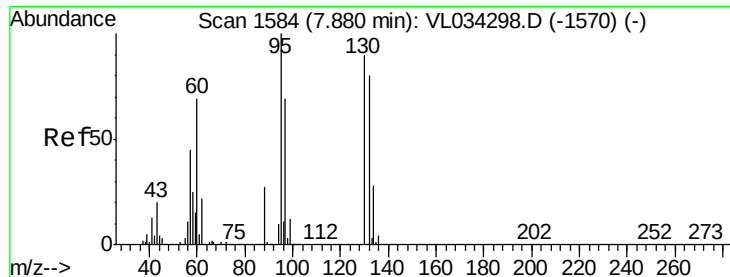
Delta R.T. 0.00 min

Lab File: VL034333.D

Acq: 18 Oct 2019 2:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	20.1	19.0	28.4
50	18.9	18.6	27.8





#38

Trichloroethene

Concen: 2.658 ppbv

RT: 7.88 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VL034333.D

Acq: 18 Oct 2019 2:00

Instrument :

MSVOA_L

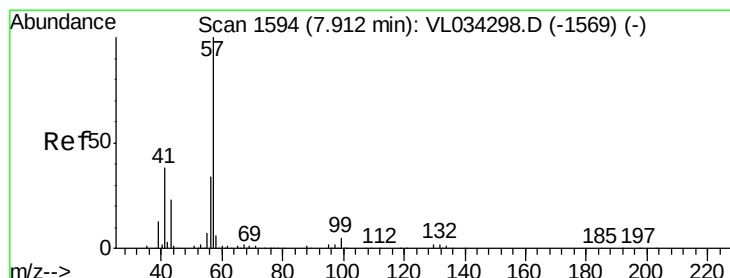
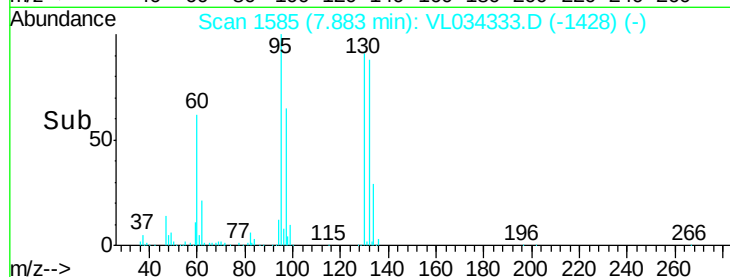
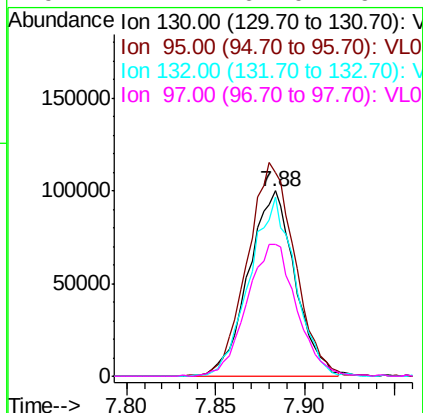
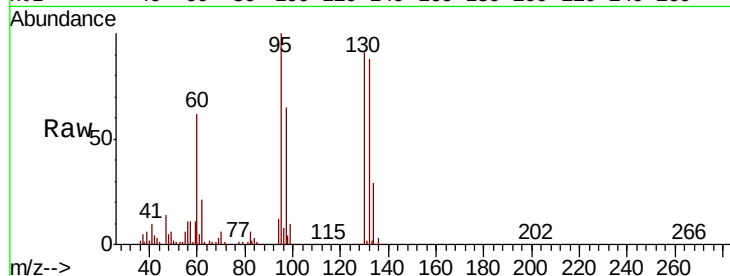
ClientSampled :

SV4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
130	100		182549		
95	109.4	88.6	132.8		
132	96.7	71.2	106.8		
97	71.1	61.0	91.4		

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#44

2,2,4-Trimethylpentane

Concen: 0.459 ppbv

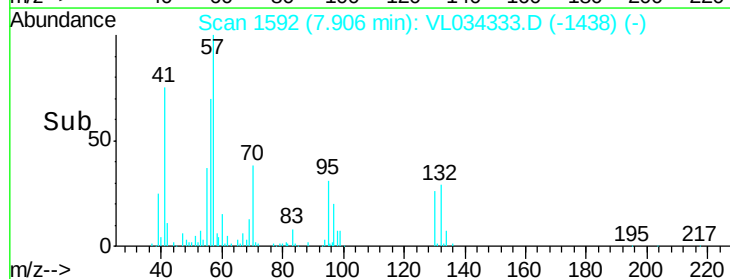
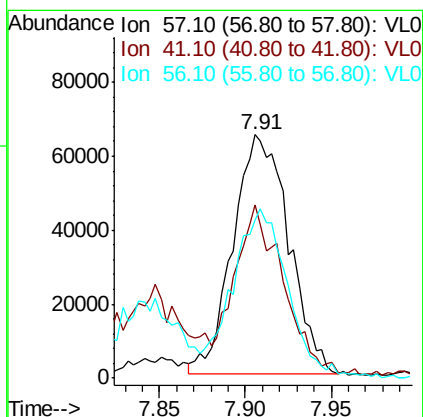
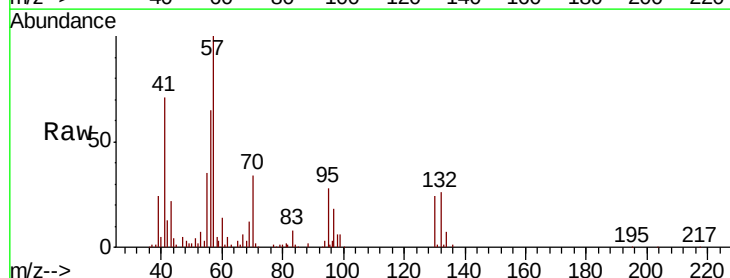
RT: 7.91 min Scan# 1592

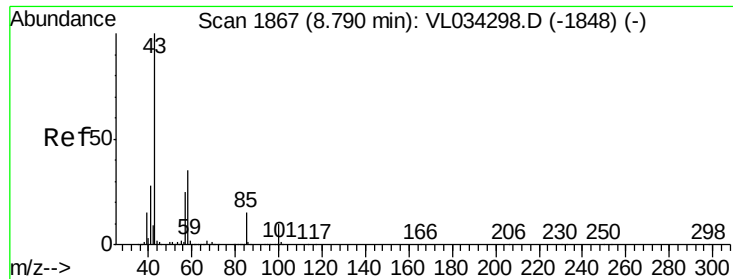
Delta R.T. -0.01 min

Lab File: VL034333.D

Acq: 18 Oct 2019 2:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
57	100		145317		
41	63.2	29.3	43.9#		
56	72.1	25.3	37.9#		





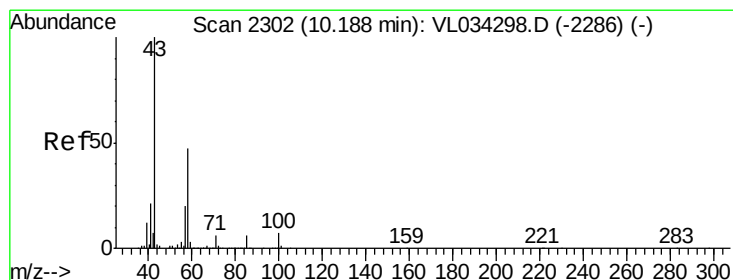
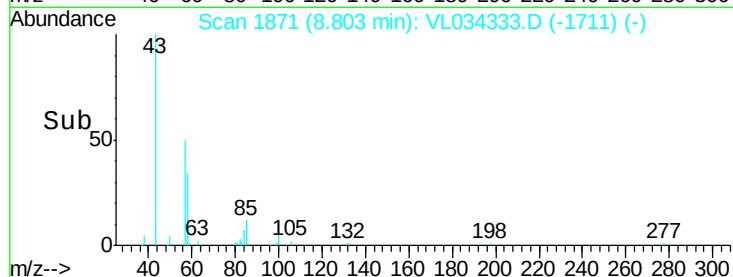
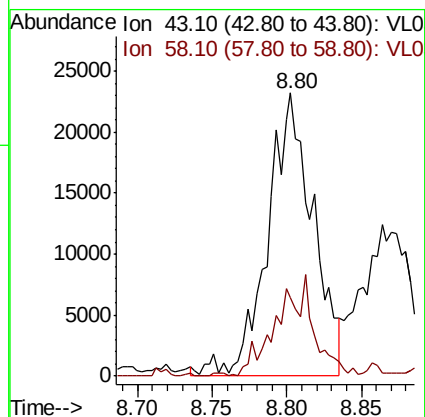
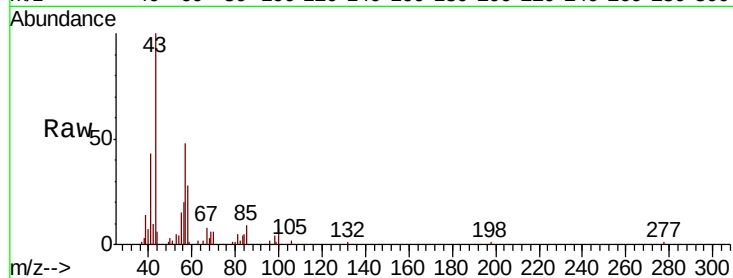
#50
 4-Methyl-2-Pentanone
 Concen: 0.234 ppbv m
 RT: 8.80 min Scan# 1871
 Delta R.T. 0.01 min
 Lab File: VL034333.D
 Acq: 18 Oct 2019 2:00

Instrument :
 MSVOA_L
 ClientSampled :
 SV4

Tot Ion: 43 Resp: 48872
 Ion Ratio Lower Upper
 43 100
 58 0.0 27.6 41.4#

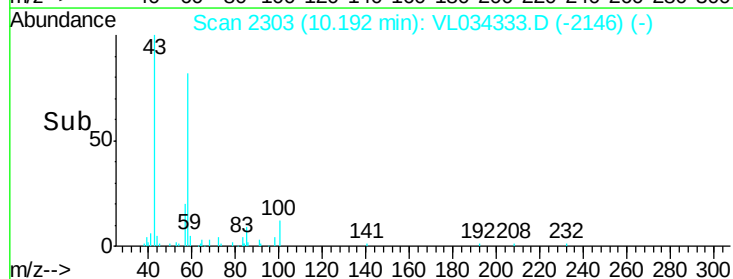
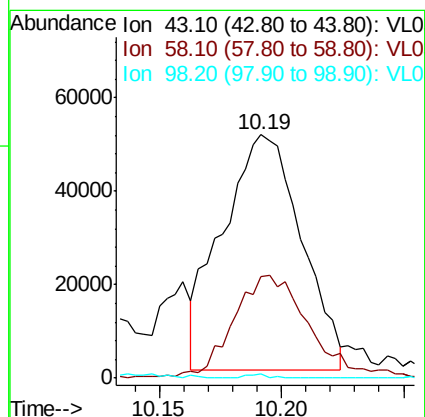
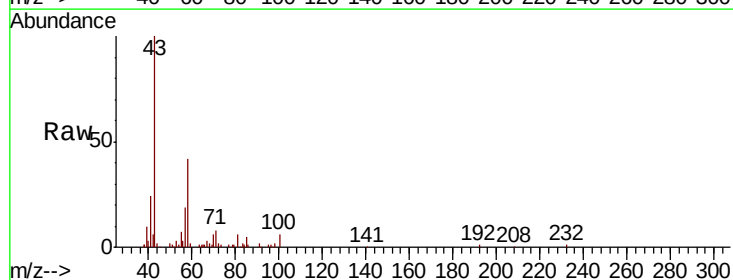
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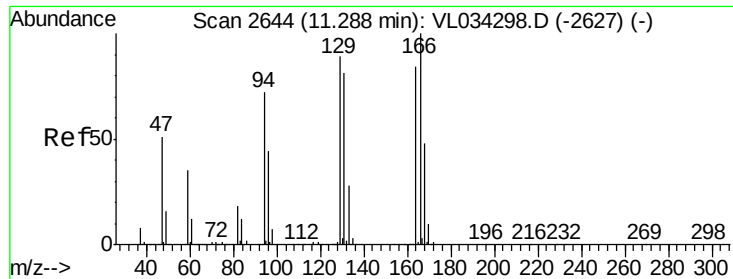
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#51
 2-Hexanone
 Concen: 0.663 ppbv
 RT: 10.19 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VL034333.D
 Acq: 18 Oct 2019 2:00

Tgt Ion: 43 Resp: 113406
 Ion Ratio Lower Upper
 43 100
 58 42.8 37.0 55.6
 98 0.5 0.2 0.2#





#52

Tetrachloroethene

Concen: 77.550 ppbv

RT: 11.30 min Scan# 2647

Delta R.T. 0.01 min

Lab File: VL034333.D

Acq: 18 Oct 2019 2:00

Instrument :

MSVOA_L

ClientSampled :

SV4

Tot Ion:164 Resp: 5202193

Ion Ratio Lower Upper

164 100

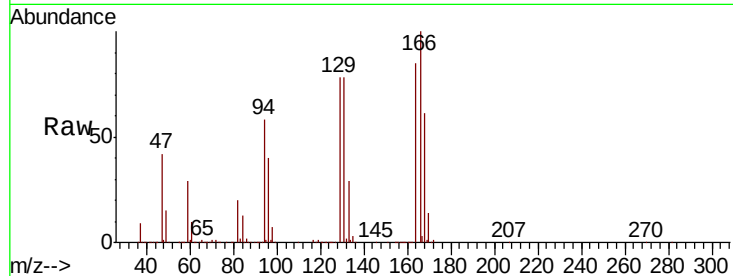
166 118.3 95.3 142.9

129 92.6 84.5 126.7

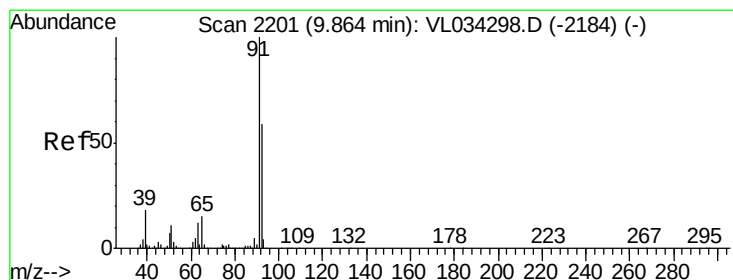
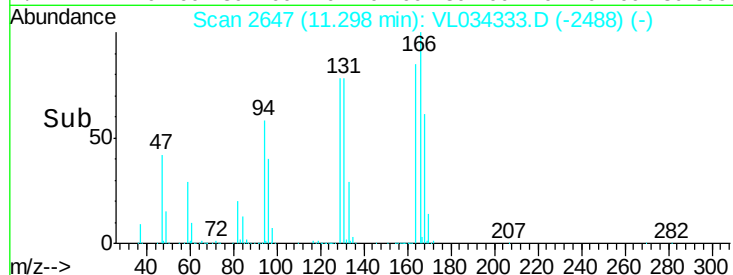
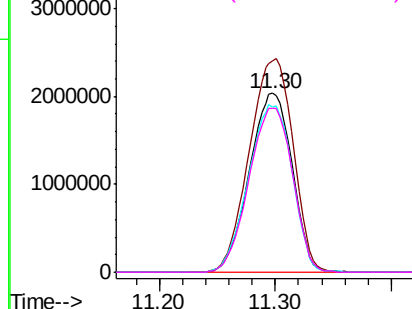
131 91.9 77.3 115.9

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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: 5.976 ppbv

RT: 9.86 min Scan# 2200

Delta R.T. -0.00 min

Lab File: VL034333.D

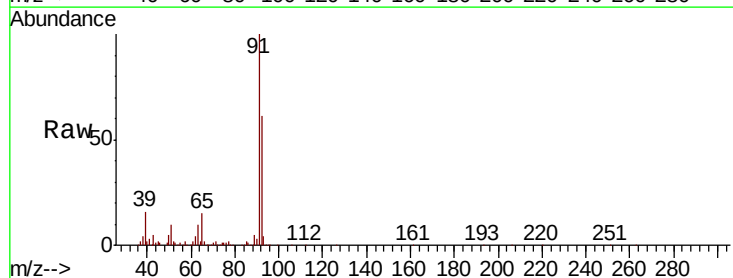
Acq: 18 Oct 2019 2:00

Tgt Ion: 91 Resp: 1128584

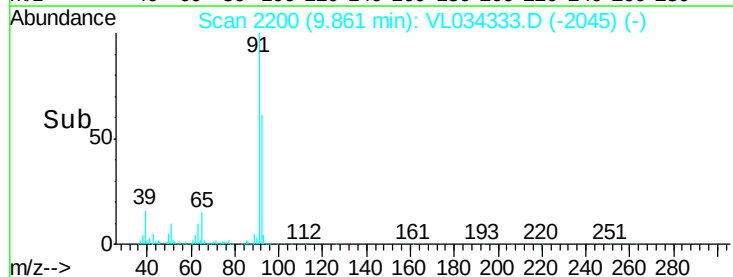
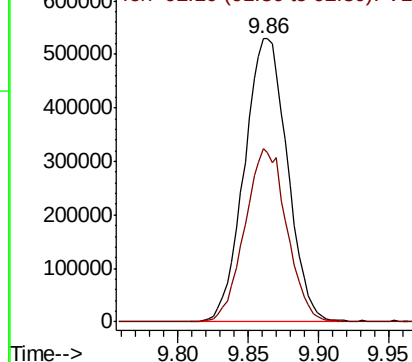
Ion Ratio Lower Upper

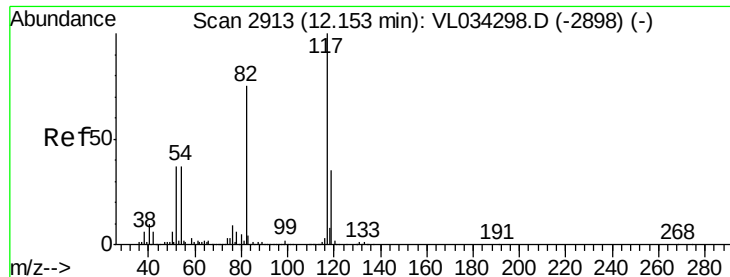
91 100

92 59.9 48.4 72.6



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: 12.16 min Scan# 2914

Delta R.T. 0.00 min

Lab File: VL034333.D

Acq: 18 Oct 2019 2:00

Instrument :

MSVOA_L

ClientSampled :

SV4

Tot Ion:117 Resp: 1817570

Ion Ratio Lower Upper

117 100

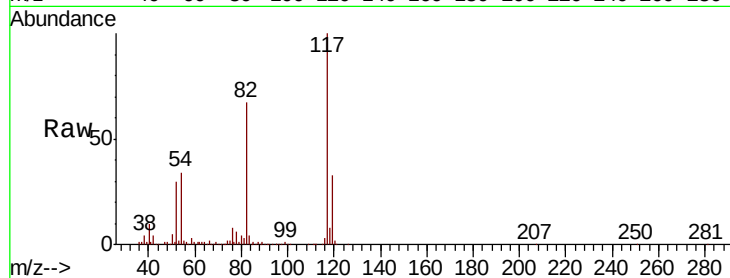
82 70.0 55.5 83.3

119 33.0 26.5 39.7

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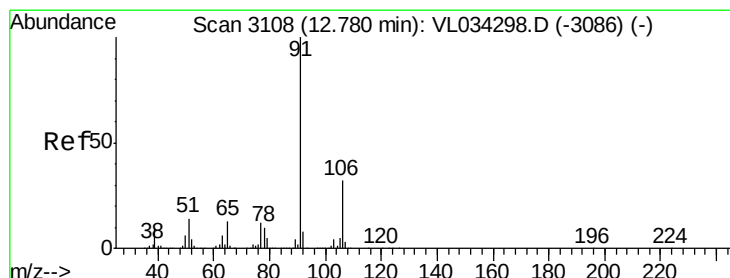
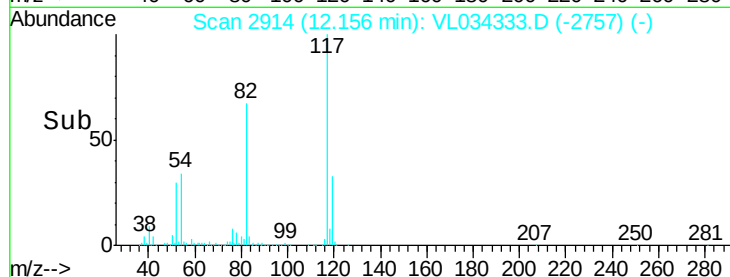
Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V

12.16

Time-->



#58

Ethyl Benzene

Concen: 1.184 ppbv

RT: 12.78 min Scan# 3108

Delta R.T. 0.00 min

Lab File: VL034333.D

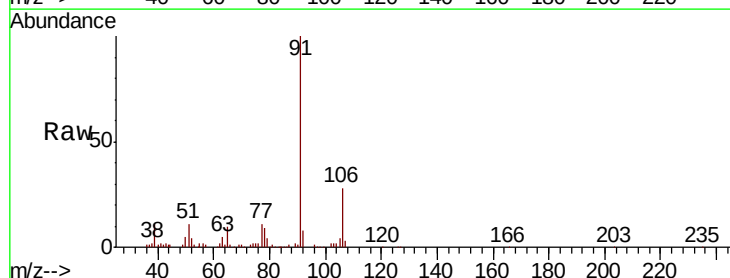
Acq: 18 Oct 2019 2:00

Tgt Ion: 91 Resp: 300805

Ion Ratio Lower Upper

91 100

106 28.1 25.3 37.9

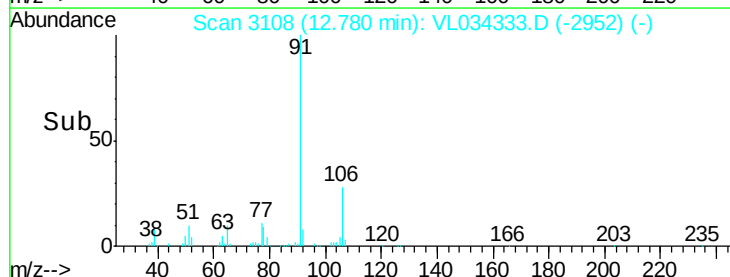


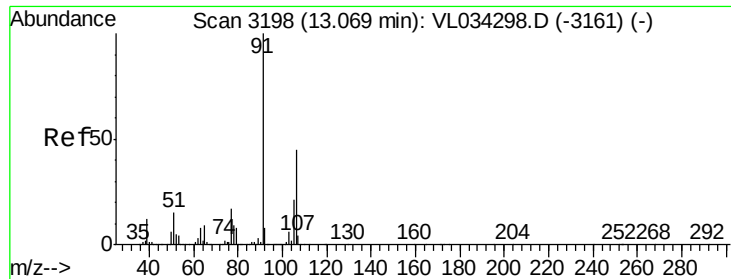
Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

12.78

Time-->





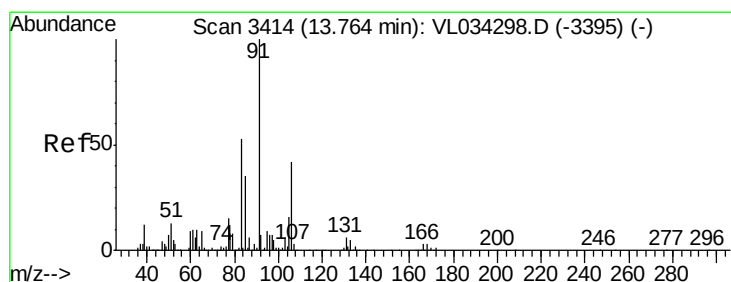
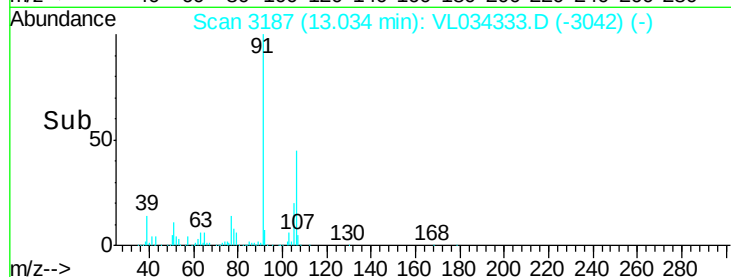
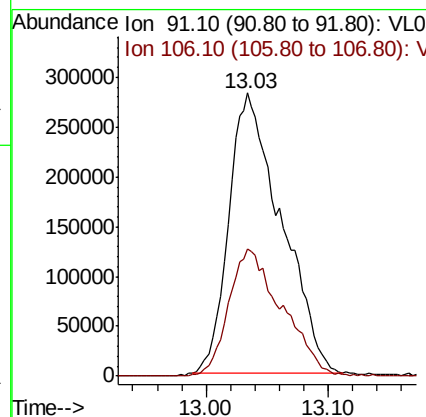
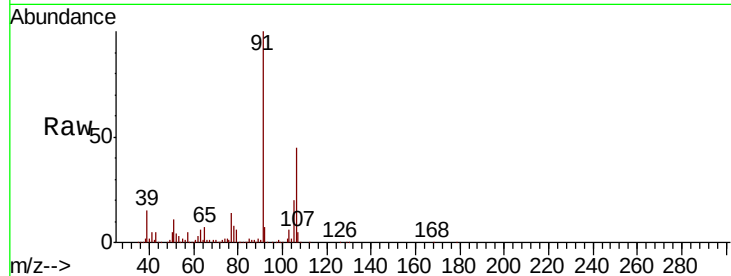
#59
m/p-Xylene
Concen: 3.804 ppbv
RT: 13.03 min Scan# 3187
Delta R.T. -0.04 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument :
MSVOA_L
ClientSampled :
SV4

Tot Ion: 91 Resp: 837335
Ion Ratio Lower Upper
91 100
106 46.3 35.4 53.2

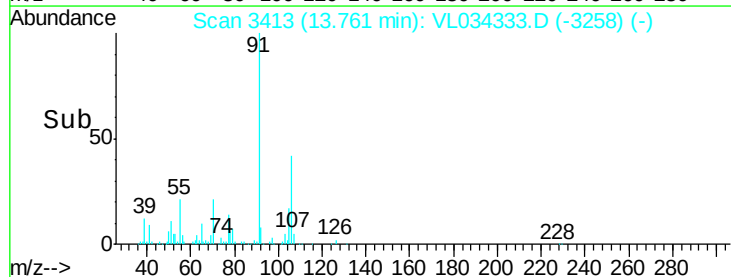
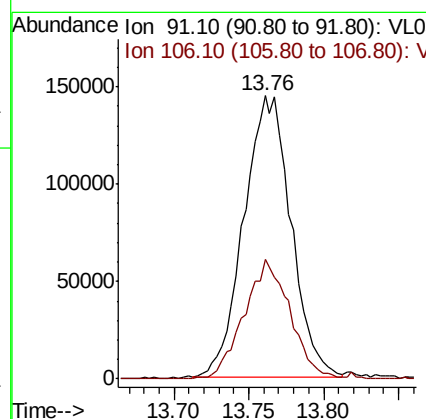
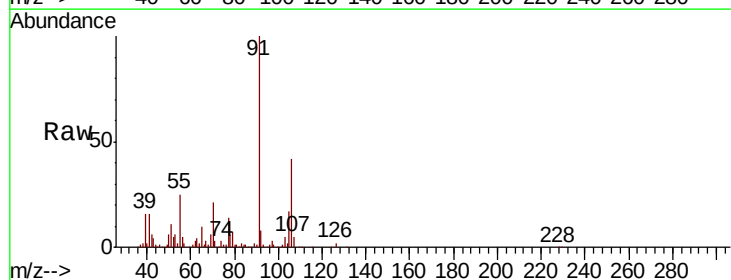
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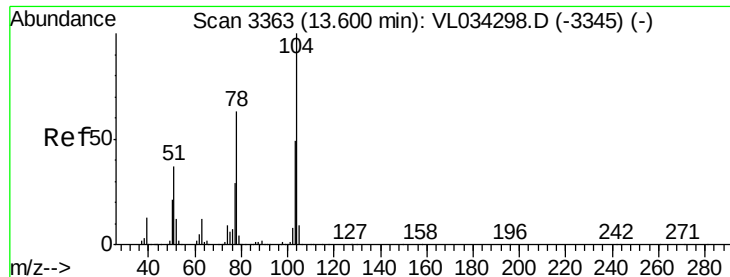
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#60
o-Xylene
Concen: 1.443 ppbv
RT: 13.76 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion: 91 Resp: 316219
Ion Ratio Lower Upper
91 100
106 41.8 21.6 64.6





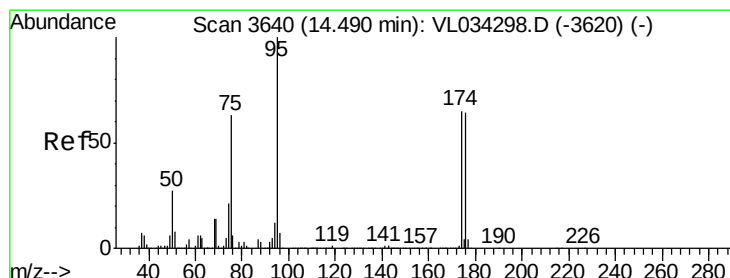
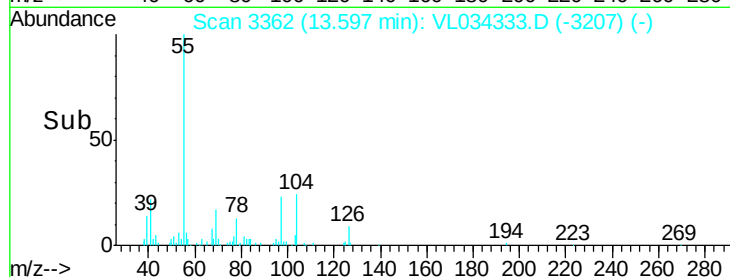
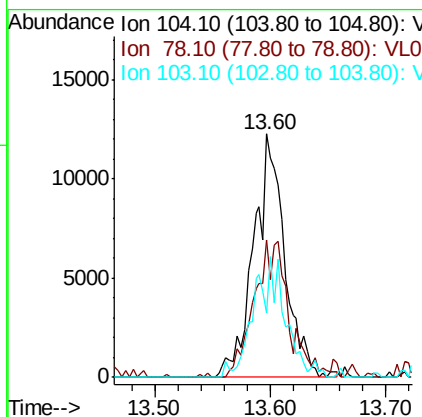
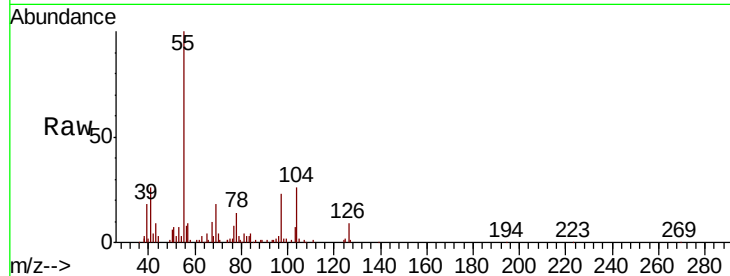
#61
Stvrene
Concen: 0.148 ppbv m
RT: 13.60 min Scan# 3362
Delta R.T. -0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument :
MSVOA_L
ClientSampled :
SV4

Tot Ion	Ratio	Lower	Upper
104	100		
78	65.8	47.8	71.8
103	51.3	39.0	58.6

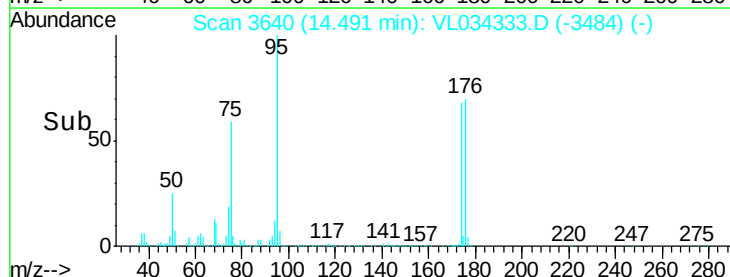
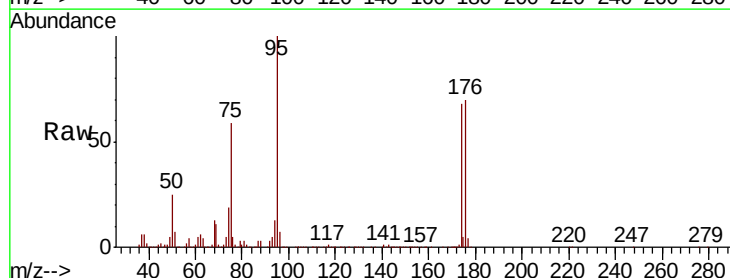
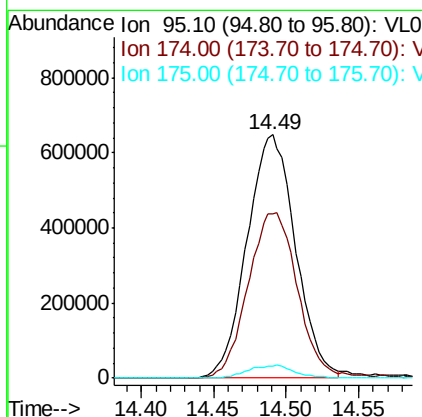
Manual Integrations
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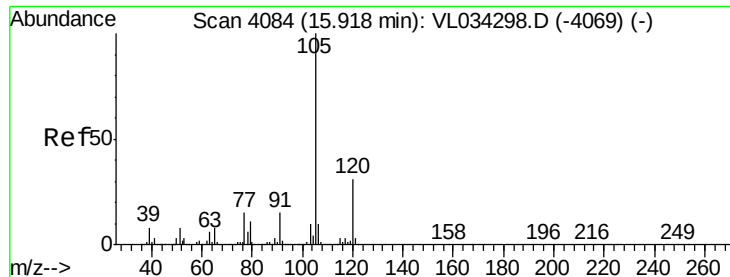
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.753 ppbv
RT: 14.49 min Scan# 3640
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	70.9	52.6	78.8
175	5.2	3.8	5.6





#72

4-Ethyltoluene

Concen: 0.412 ppbv m

RT: 15.91 min Scan# 4082

Delta R.T. -0.01 min

Lab File: VL034333.D

Acq: 18 Oct 2019 2:00

Instrument :

MSVOA_L

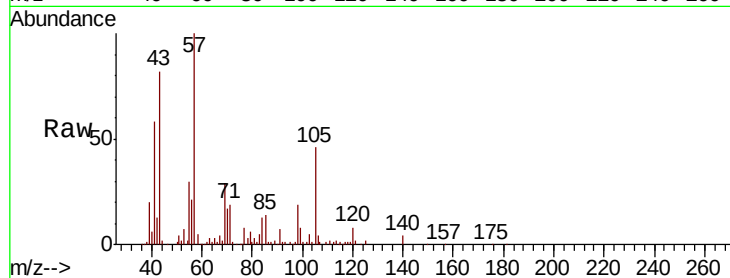
ClientSampled :

SV4

Tot Ion:	105	Resp:	101469
Ion Ratio	Lower	Upper	
105	100		
120	26.8	23.8	35.8
91	12.0	11.2	16.8
77	0.0	12.8	19.2#

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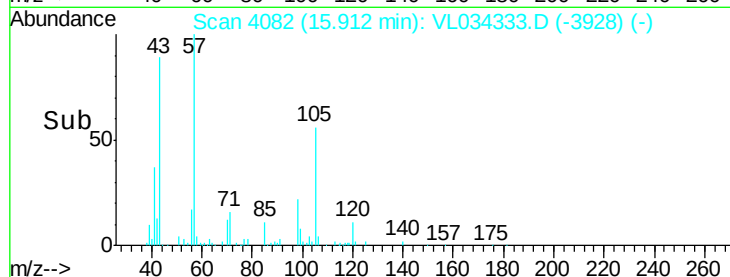
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

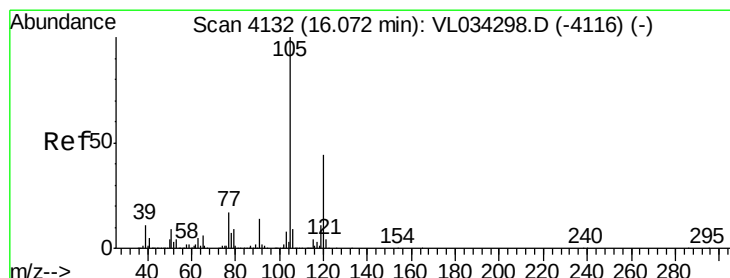
Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Time-->



Time-->



#73

1,3,5-Trimethylbenzene

Concen: 0.268 ppbv m

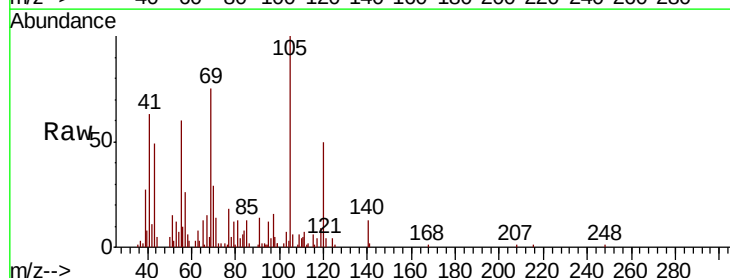
RT: 16.08 min Scan# 4135

Delta R.T. 0.01 min

Lab File: VL034333.D

Acq: 18 Oct 2019 2:00

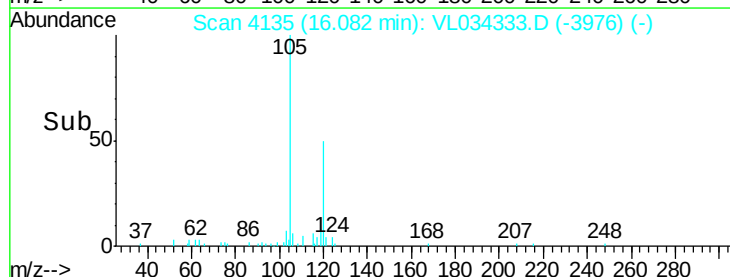
Tgt Ion:	105	Resp:	65464
Ion Ratio	Lower	Upper	
105	100		
120	50.0	35.2	52.8



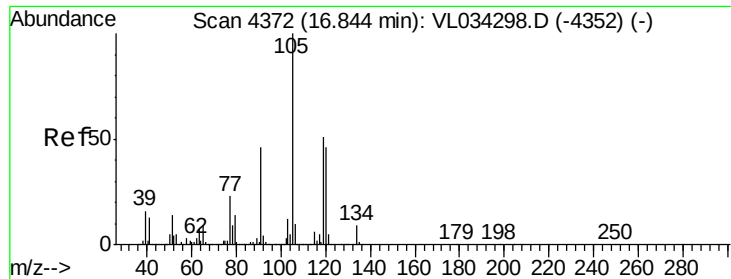
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Time-->



Time-->



#74
 1,2,4-Trimethylbenzene
 Concen: 0.860 ppbv
 RT: 16.85 min Scan# 4373
 Delta R.T. 0.00 min
 Lab File: VL034333.D
 Acq: 18 Oct 2019 2:00

Instrument :
 MSVOA_L
 ClientSampleId :
 SV4

Tot Ion	Ratio	Resp Lower	Upper
105	100		
120	41.7	37.0	55.6
91	10.9	38.2	57.2#
77	14.4	19.0	28.4#

Manual Integrations
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MMDadoda
 10/22/2019 2:56:08 PM

