

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071119\
 Data File : VL034024.D
 Acq On : 11 Jul 2019 19:24
 Operator : SY/AP
 Sample : K3747-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVS-2

Manual Integrations
 APPROVED

MMDadoda
 7/12/2019 10:47:04 PM

Quant Time: Jul 12 07:48:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070219AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Jul 0
 QLast Update : Tue Jul 02 19:31:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.72	49	1428143	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.25	114	3783514	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.19	117	3751578	10.00	ppbv	-0.01

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.53	95	2086805	6.52	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	65.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	29154	0.099	ppbv	98
3) Chlorodifluoromethane	3.00	51	37551m	0.213	ppbv	
4) Chloromethane	3.16	50	23439m	0.231	ppbv	
10) Heptane	8.20	43	126020m	0.776	ppbv	
11) Trichlorofluoromethane	3.98	101	50628	0.153	ppbv	100
13) Ethanol	3.63	45	205718	10.207	ppbv	97
15) Acetone	3.88	43	1129099	4.702	ppbv	96
17) tert-Butyl alcohol	4.34	59	107199	0.560	ppbv #	92
20) Methylene Chloride	4.38	84	70964	0.678	ppbv #	86
26) Hexane	5.74	57	217108	1.445	ppbv #	44
27) Carbon Disulfide	4.59	76	81020m	0.317	ppbv	
29) Chloroform	5.81	83	223343	0.791	ppbv	88
30) Cyclohexane	7.21	84	20004m	0.172	ppbv	
31) cis-1,2-Dichloroethene	5.60	61	375889m	2.589	ppbv	
34) 2-Butanone	5.30	43	195765	0.978	ppbv	98
36) Benzene	6.96	78	213366	0.721	ppbv #	93
38) Trichloroethene	7.92	130	399129	3.030	ppbv	95
44) 2,2,4-Trimethylpentane	7.95	57	137054m	0.268	ppbv	
50) 4-Methyl-2-Pentanone	8.85	43	81060m	0.273	ppbv	
52) Tetrachloroethene	11.33	164	95704m	0.751	ppbv	
53) Toluene	9.90	91	4167731	12.298	ppbv	100
58) Ethyl Benzene	12.82	91	961196	2.131	ppbv	94
59) m/p-Xylene	13.07	91	3770732m	9.231	ppbv	
60) o-Xylene	13.80	91	892939	2.185	ppbv	97
64) n-propylbenzene	15.67	120	61781m	0.379	ppbv	
65) tert-Butylbenzene	16.88	119	182633	0.342	ppbv #	67
69) p-Isopropyltoluene	17.77	119	66204m	0.107	ppbv	
70) n-Butylbenzene	18.67	91	161770m	0.249	ppbv	
72) 4-Ethyltoluene	15.95	105	510548	0.973	ppbv	98
73) 1,3,5-Trimethylbenzene	16.11	105	369263	0.756	ppbv	98
74) 1,2,4-Trimethylbenzene	16.88	105	1682493	3.111	ppbv #	75
75) 1,3-Dichlorobenzene	17.11	146	42186m	0.123	ppbv	
79) Naphthalene	22.36	128	289012m	0.636	ppbv	
80) Naphthalene,2-methyl-	25.08	142	39576	0.239	ppbv #	80

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

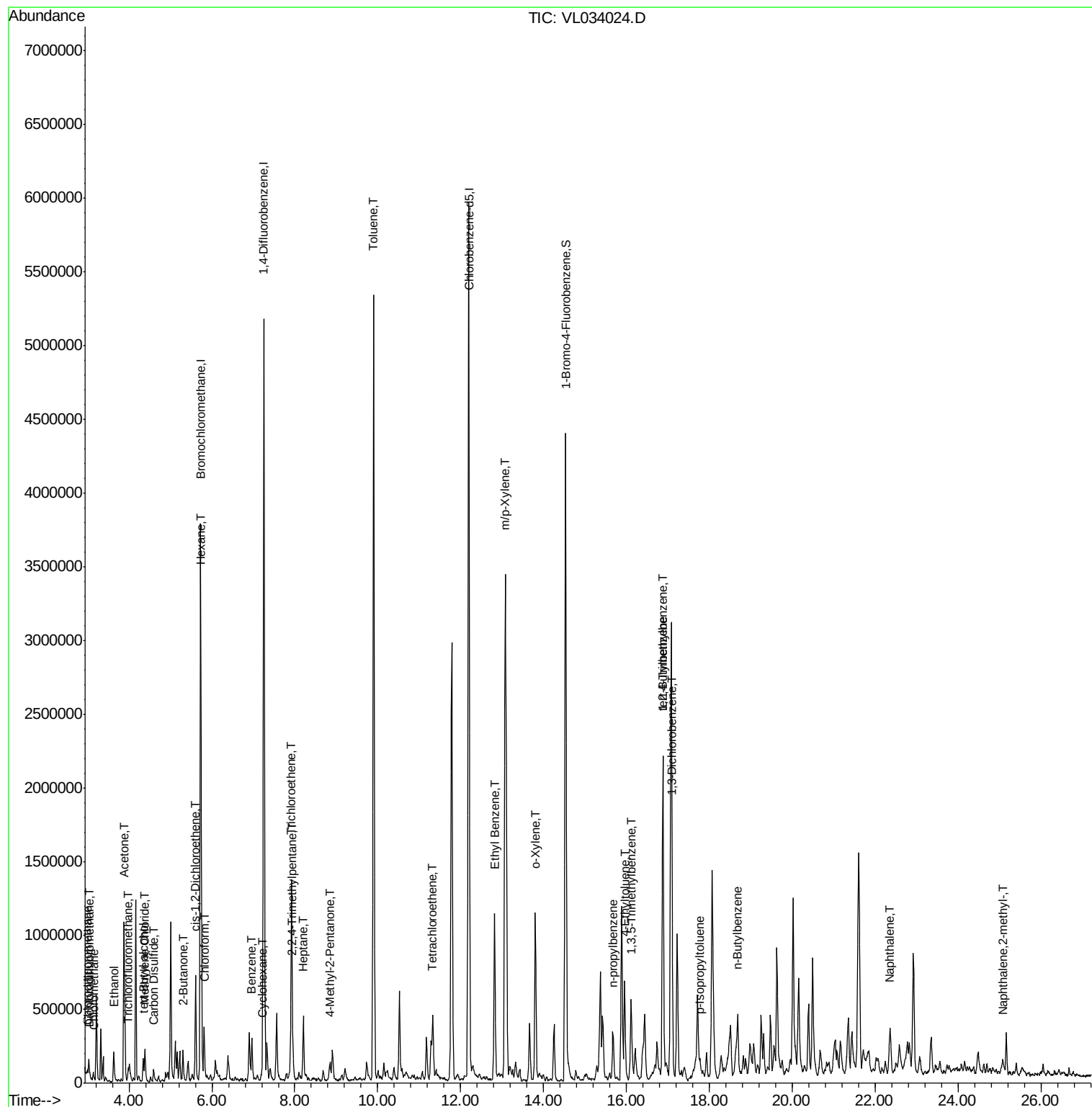
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071119\
Data File : VL034024.D
Acq On : 11 Jul 2019 19:24
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Misc : 400ml/MSVOA L
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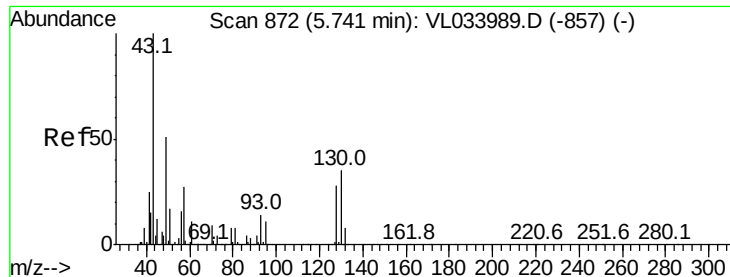
Instrument :
MSVOA_L
ClientSampled :
SVS-2

Manual Integrations
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7/12/2019 10:47:04 PM

Quant Time: Jul 12 07:48:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070219AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul
QLast Update : Tue Jul 02 19:31:31 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.72 min Scan# 867

Delta R.T. -0.02 min

Lab File: VL034024.D

Acq: 11 Jul 2019 19:24

Instrument :

MSVOA_L

ClientSampleID :

SVS-2

Tot Ion: 49 Resp: 1428143

Ion Ratio Lower Upper

49 100

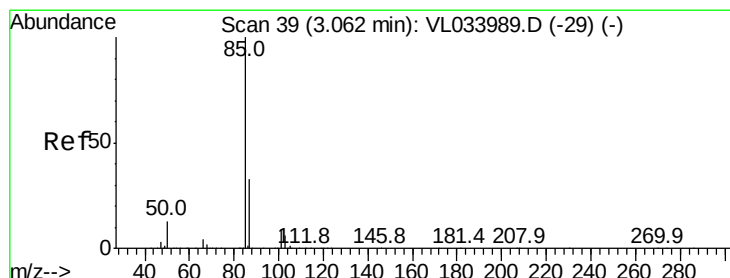
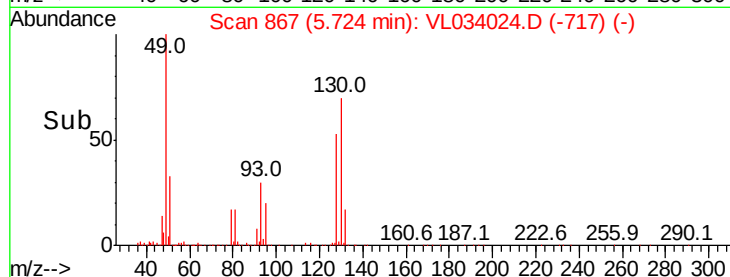
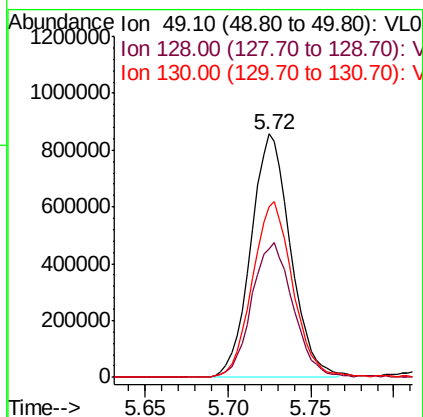
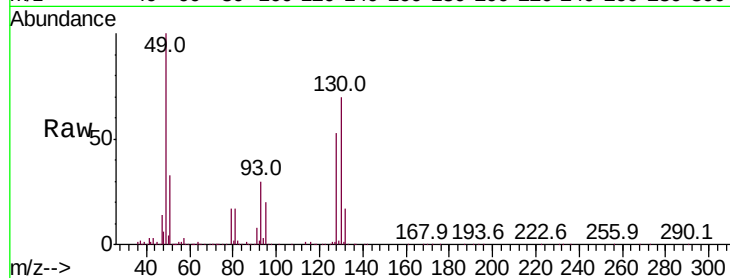
128 58.2 27.9 83.6

130 74.0 35.8 107.4

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#2

Dichlorodifluoromethane

Concen: 0.099 ppbv

RT: 3.06 min Scan# 38

Delta R.T. -0.00 min

Lab File: VL034024.D

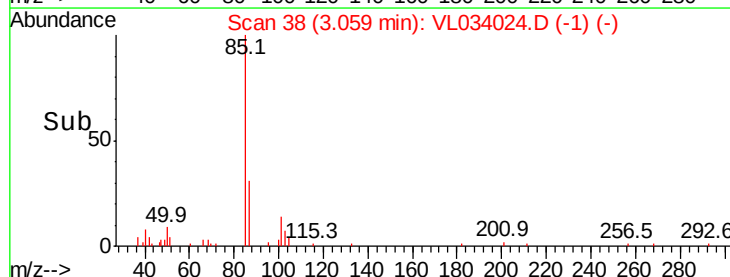
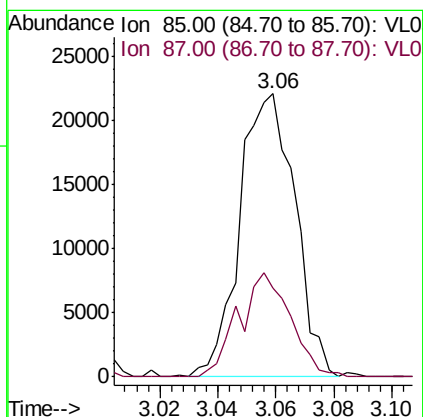
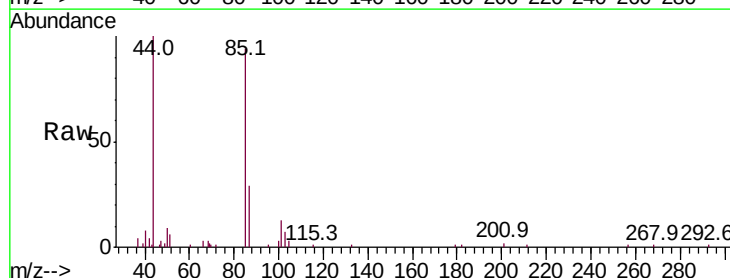
Acq: 11 Jul 2019 19:24

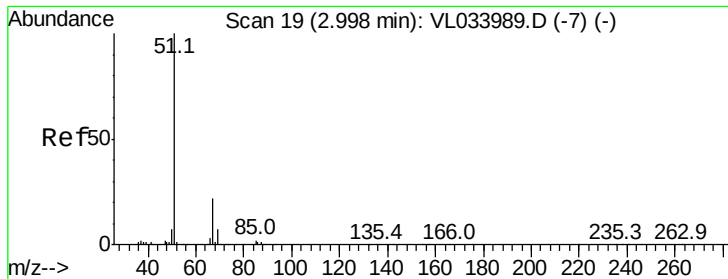
Tgt Ion: 85 Resp: 29154

Ion Ratio Lower Upper

85 100

87 31.3 26.0 39.0





#3

Chlorodifluoromethane

Concen: 0.213 ppbv m

RT: 3.00 min Scan# 19

Delta R.T. -0.00 min

Lab File: VL034024.D

Acq: 11 Jul 2019 19:24

Instrument :

MSVOA_L

ClientSampleId :

SVS-2

Tot Ion: 51 Resp: 37551

Ion Ratio Lower Upper

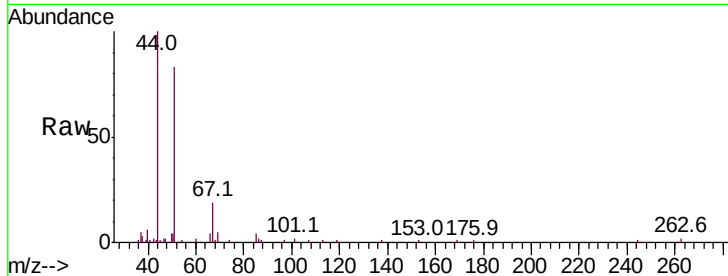
51 100

67 23.5 17.3 25.9

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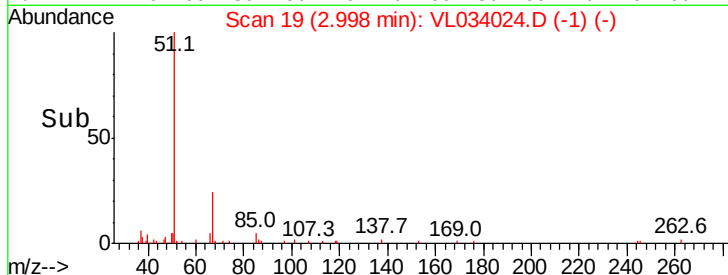
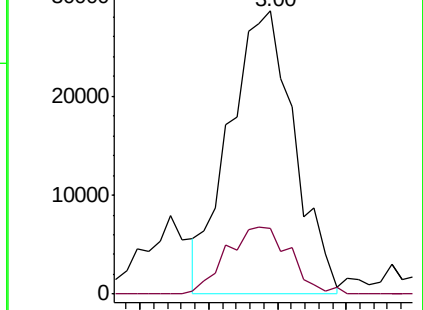
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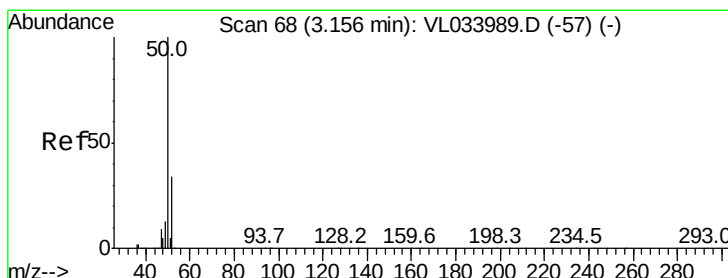


Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



Time-->



#4

Chloromethane

Concen: 0.231 ppbv m

RT: 3.16 min Scan# 68

Delta R.T. -0.00 min

Lab File: VL034024.D

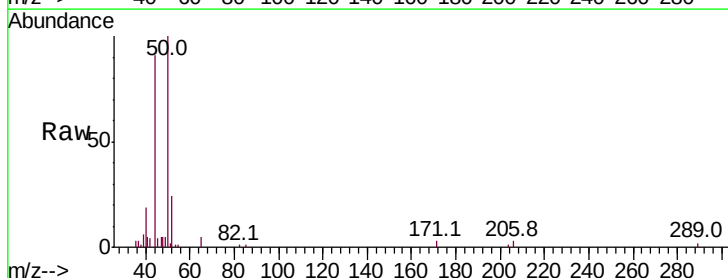
Acq: 11 Jul 2019 19:24

Tgt Ion: 50 Resp: 23439

Ion Ratio Lower Upper

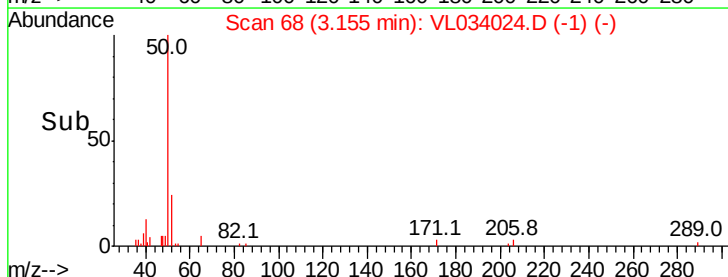
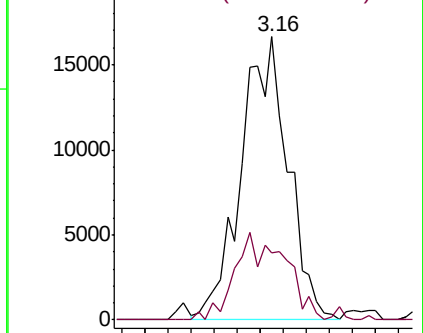
50 100

52 23.5 27.4 41.0#

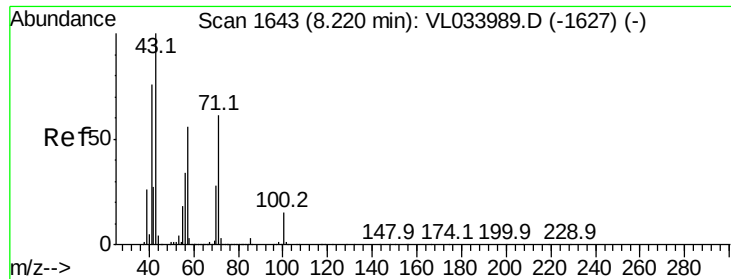


Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0



Time-->



#10

Heptane

Concen: 0.776 ppbv m

RT: 8.20 min Scan# 1638

Delta R.T. -0.02 min

Lab File: VL034024.D

Acq: 11 Jul 2019 19:24

Tot Ion: 43 Resp: 126020

Ion Ratio Lower Upper

43 100

57 57.3 44.6 66.8

Instrument :

MSVOA_L

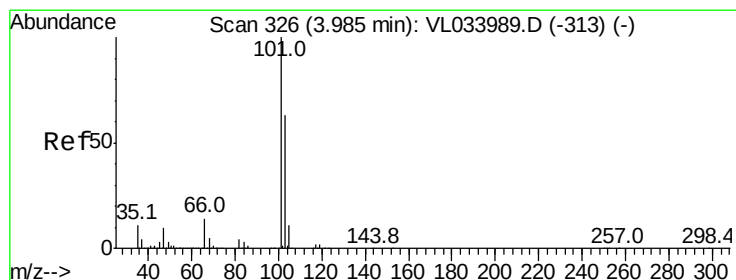
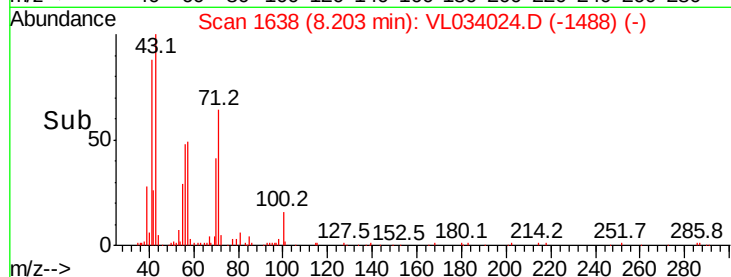
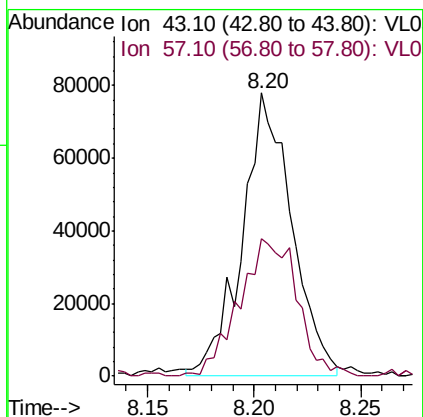
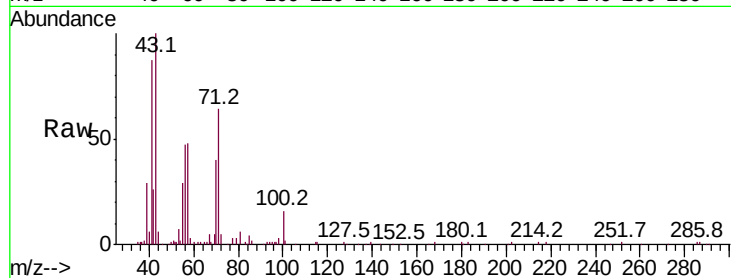
ClientSampled :

SVS-2

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#11

Trichlorofluoromethane

Concen: 0.153 ppbv

RT: 3.98 min Scan# 324

Delta R.T. -0.01 min

Lab File: VL034024.D

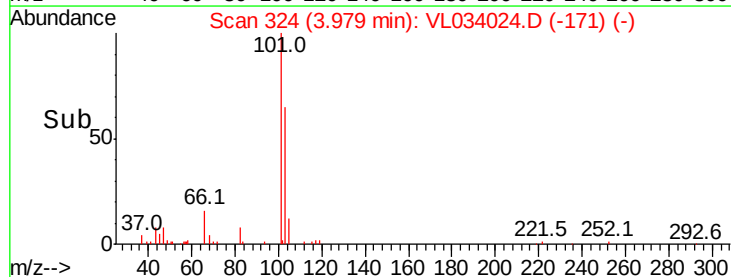
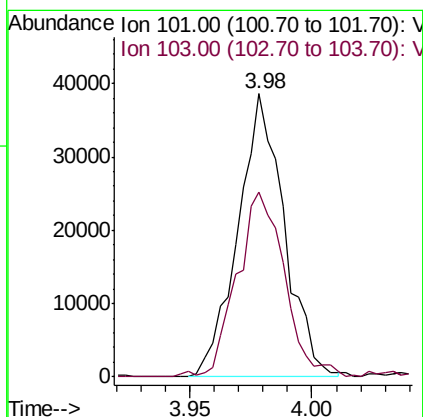
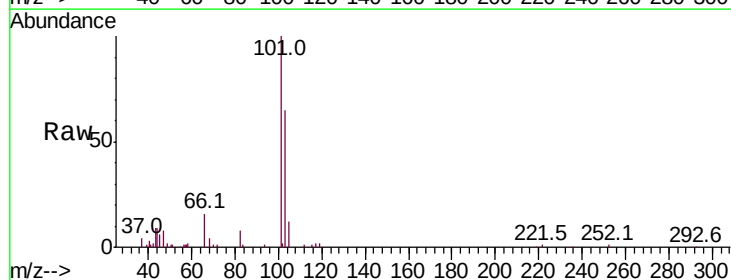
Acq: 11 Jul 2019 19:24

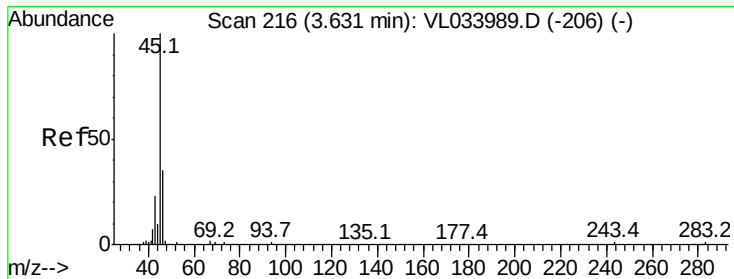
Tgt Ion: 101 Resp: 50628

Ion Ratio Lower Upper

101 100

103 63.7 50.8 76.2





#13

Ethanol

Concen: 10.207 ppbv

RT: 3.63 min Scan# 217

Delta R.T. 0.00 min

Lab File: VL034024.D

Acq: 11 Jul 2019 19:24

Instrument :

MSVOA_L

ClientSampled :

SVS-2

Tot Ion: 45 Resp: 205718

Ion Ratio Lower Upper

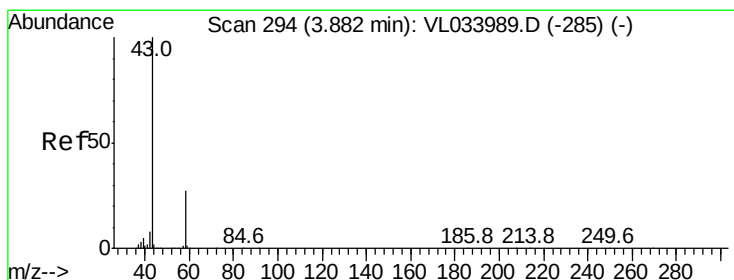
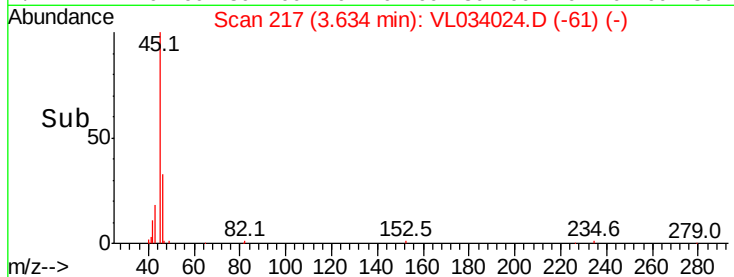
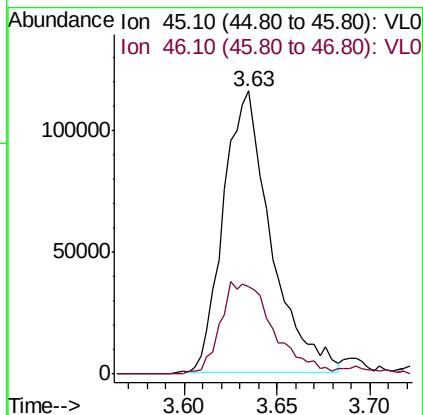
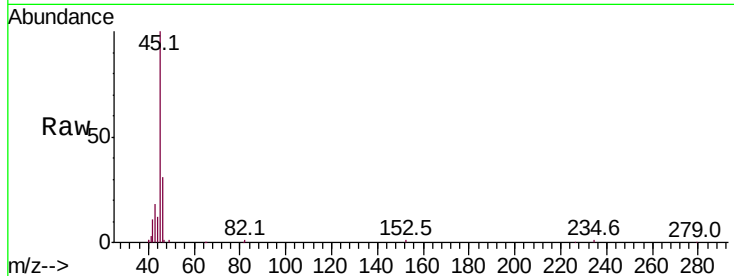
45 100

46 38.3 16.2 64.6

Manual Integrations
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#15

Acetone

Concen: 4.702 ppbv

RT: 3.88 min Scan# 292

Delta R.T. -0.01 min

Lab File: VL034024.D

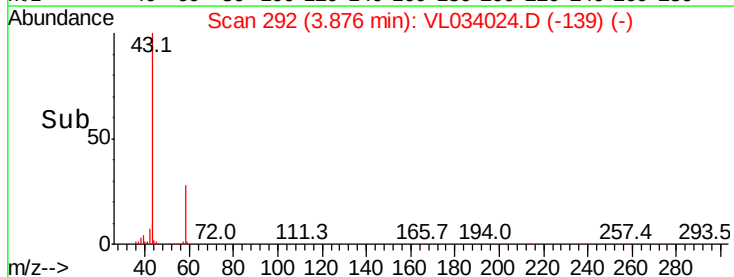
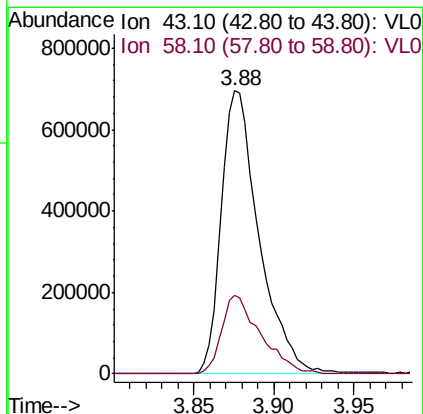
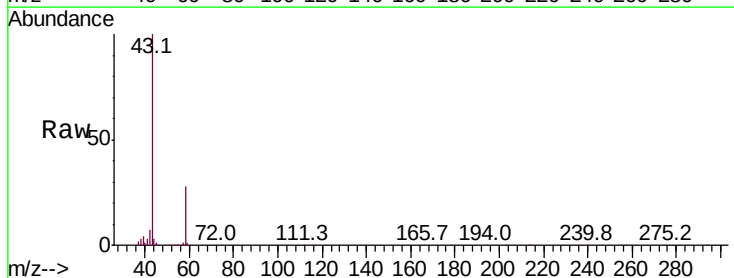
Acq: 11 Jul 2019 19:24

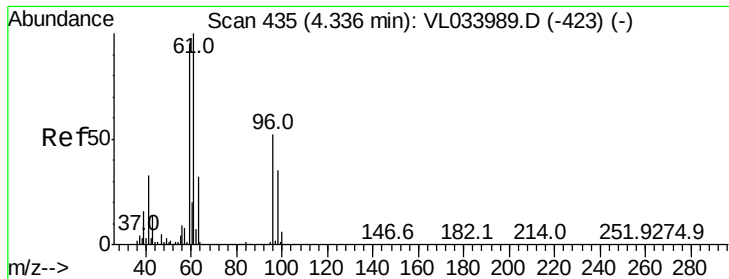
Tgt Ion: 43 Resp: 1129099

Ion Ratio Lower Upper

43 100

58 28.8 21.4 32.0





#17

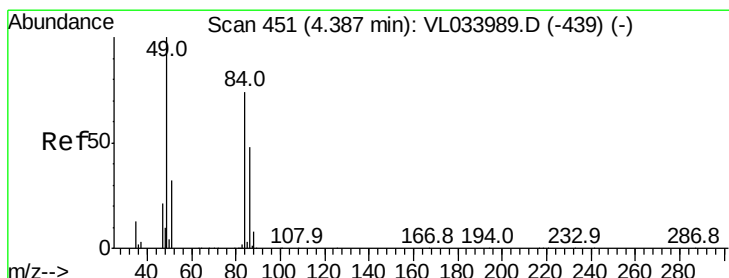
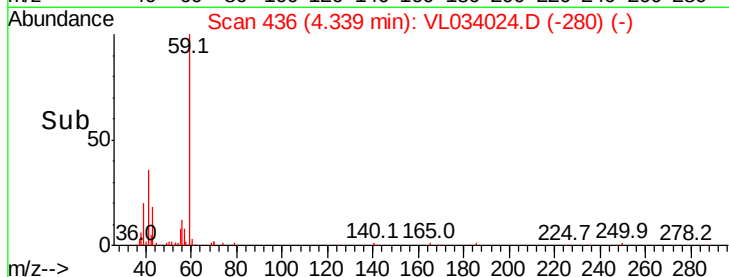
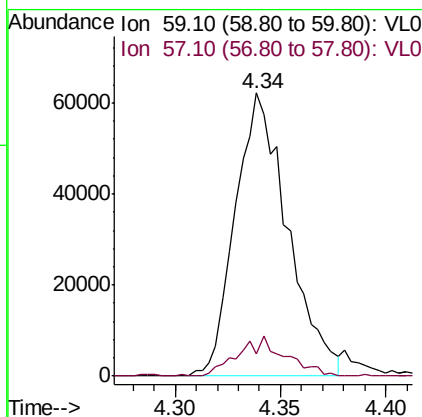
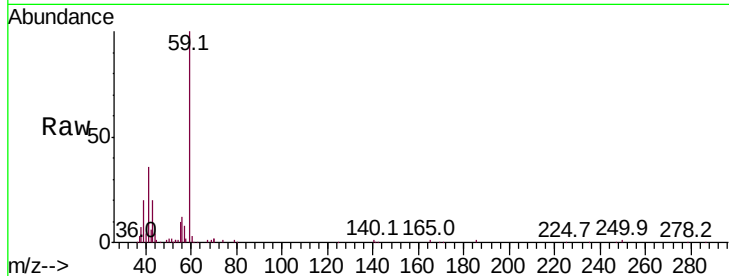
tert-Butyl alcohol
 Concen: 0.560 ppbv
 RT: 4.34 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: VL034024.D
 Acq: 11 Jul 2019 19:24

Instrument :
 MSVOA_L
 ClientSampleId :
 SVS-2

Tot Ion: 59 Resp: 107199
 Ion Ratio Lower Upper
 59 100
 57 13.0 8.2 12.2#

Manual Integrations
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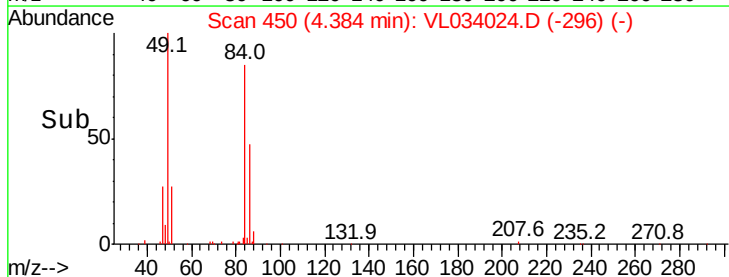
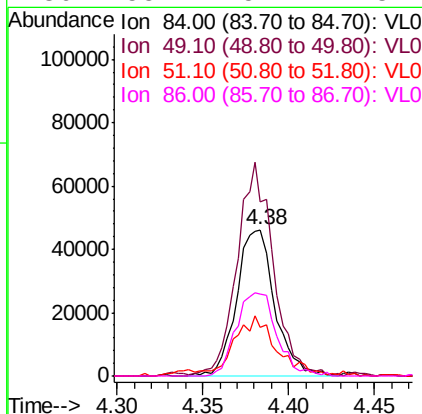
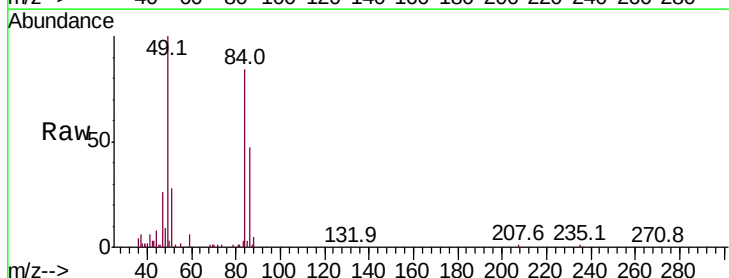
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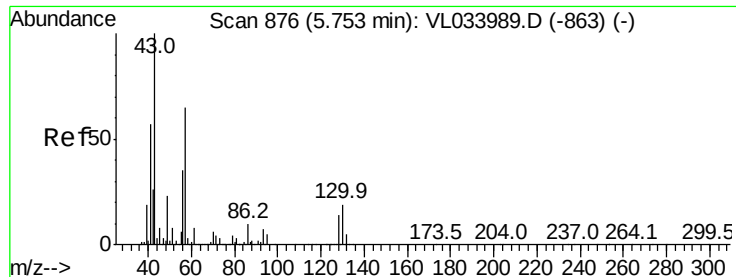


#20

Methylene Chloride
 Concen: 0.678 ppbv
 RT: 4.38 min Scan# 450
 Delta R.T. -0.00 min
 Lab File: VL034024.D
 Acq: 11 Jul 2019 19:24

Tgt Ion: 84 Resp: 70964
 Ion Ratio Lower Upper
 84 100
 49 117.7 107.6 161.4
 51 32.1 35.0 52.6#
 86 55.7 52.1 78.1





#26

Hexane

Concen: 1.445 ppbv

RT: 5.74 min Scan# 873

Delta R.T. -0.01 min

Lab File: VL034024.D

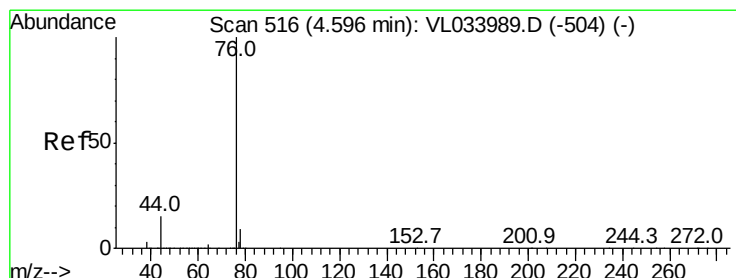
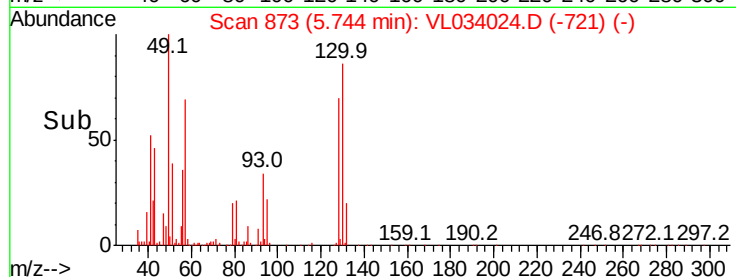
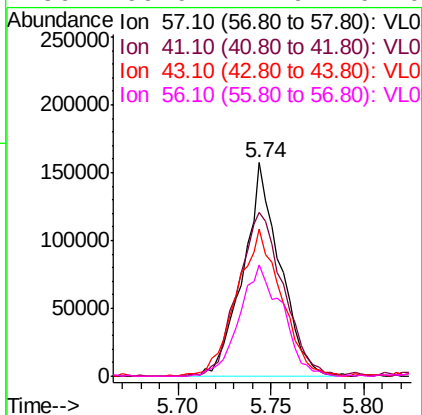
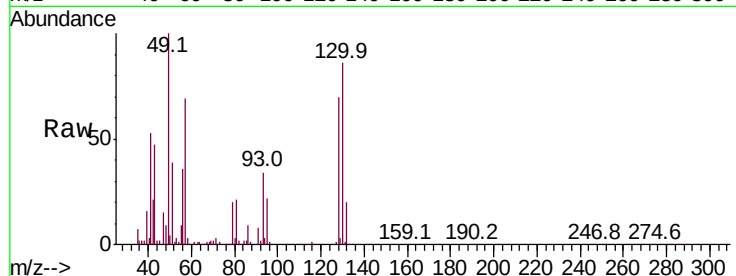
Acq: 11 Jul 2019 19:24

Instrument :
MSVOA_L
ClientSampled :
SVS-2

Tot Ion	Ratio	Lower	Upper
57	100		
41	96.1	70.6	105.8
43	84.0	177.6	266.4#
56	60.6	42.6	64.0

Manual Integrations
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7/12/2019 10:47:04 PM



#27

Carbon Disulfide

Concen: 0.317 ppbv m

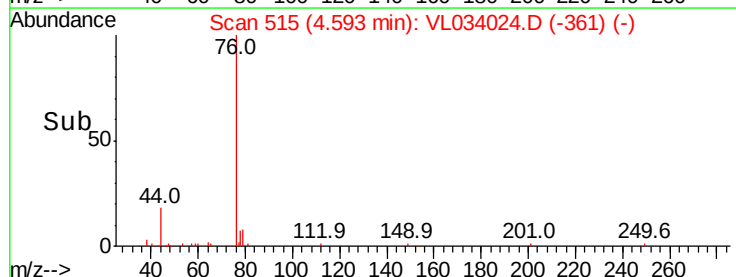
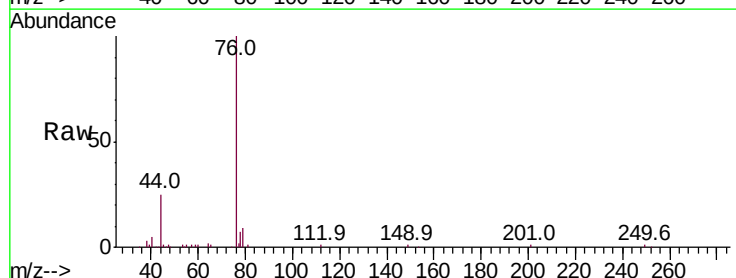
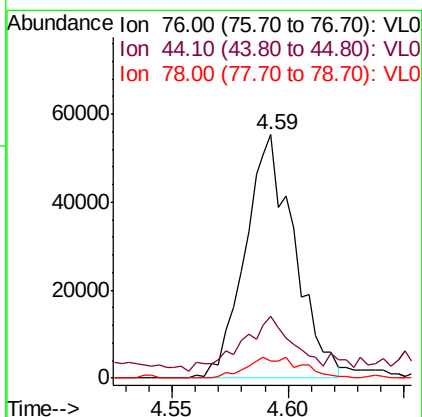
RT: 4.59 min Scan# 515

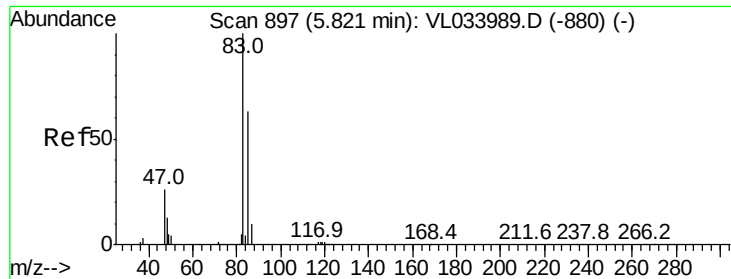
Delta R.T. -0.00 min

Lab File: VL034024.D

Acq: 11 Jul 2019 19:24

Tgt Ion	Ratio	Lower	Upper
76	100		
44	27.9	12.6	18.8#
78	10.0	7.2	10.8





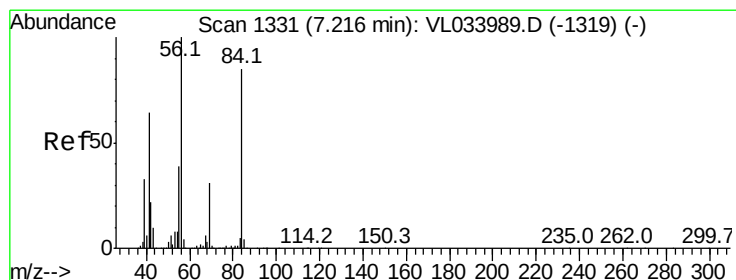
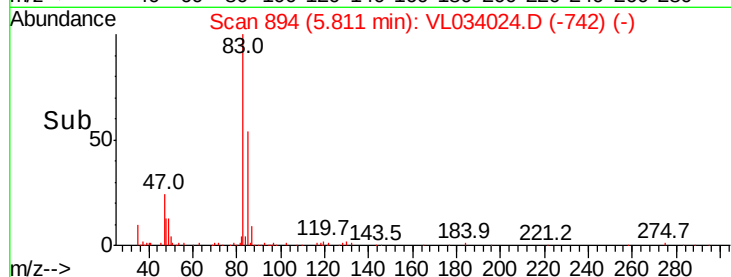
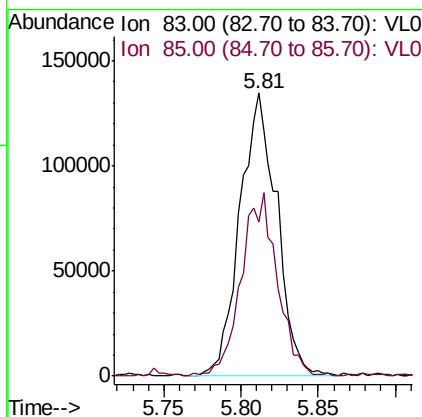
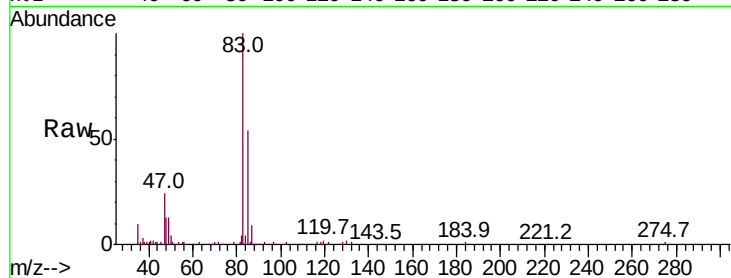
#29
Chloroform
Concen: 0.791 ppbv
RT: 5.81 min Scan# 894
Delta R.T. -0.01 min
Lab File: VL034024.D
Acq: 11 Jul 2019 19:24

Instrument :
MSVOA_L
ClientSampleId :
SVS-2

Tot Ion	Ratio	Lower	Upper
83	100		
85	54.1	50.6	75.8

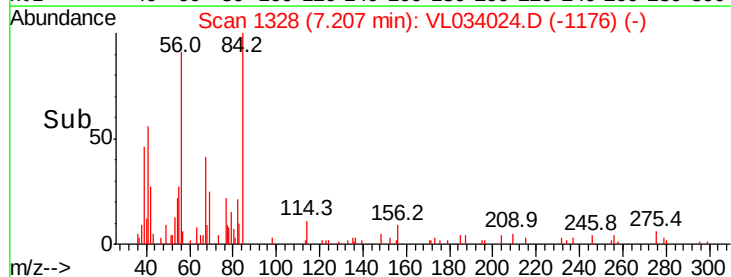
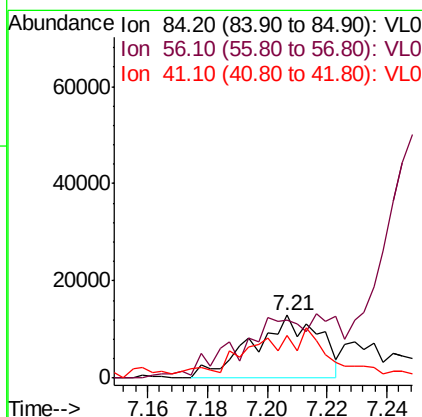
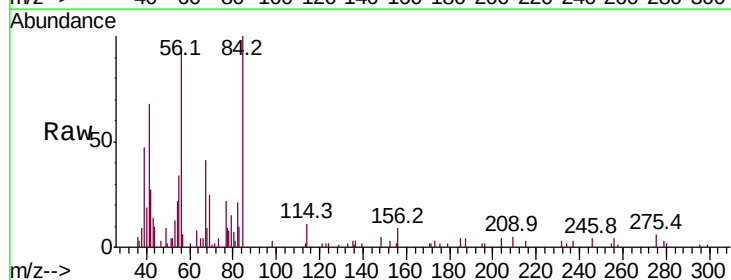
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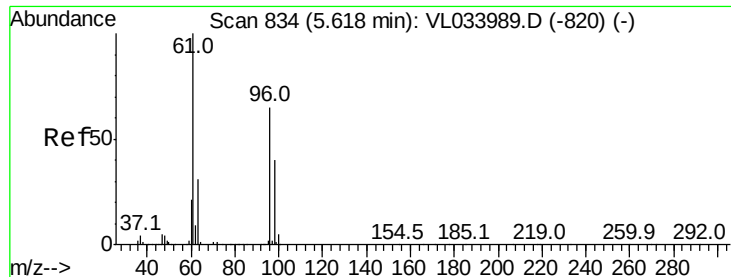
MMDadoda
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#30
Cyclohexane
Concen: 0.172 ppbv m
RT: 7.21 min Scan# 1328
Delta R.T. -0.01 min
Lab File: VL034024.D
Acq: 11 Jul 2019 19:24

Tgt Ion	Ratio	Lower	Upper
84	100		
56	0.0	103.7	155.5#
41	0.0	62.6	94.0#





#31

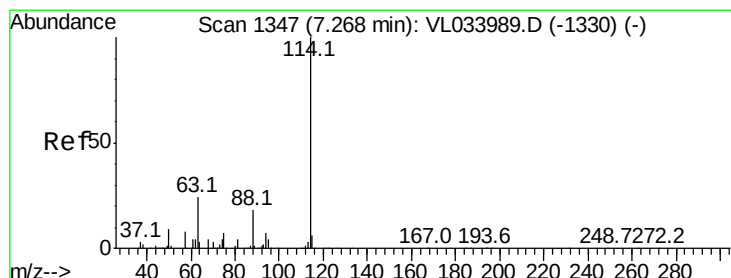
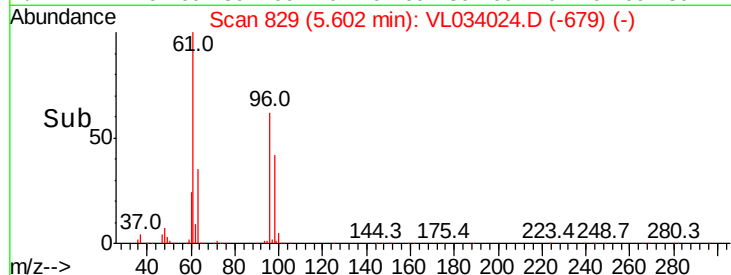
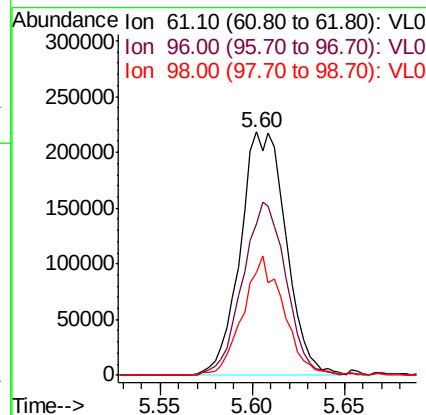
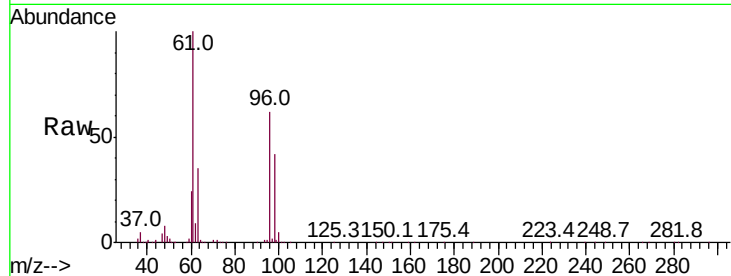
cis-1,2-Dichloroethene
 Concen: 2.589 ppbv m
 RT: 5.60 min Scan# 829
 Delta R.T. -0.02 min
 Lab File: VL034024.D
 Acq: 11 Jul 2019 19:24

Instrument :
 MSVOA_L
 ClientSampled :
 SVS-2

Tot Ion	Ratio	Lower	Upper
61	100		
96	62.2	51.8	77.6
98	42.4	32.1	48.1

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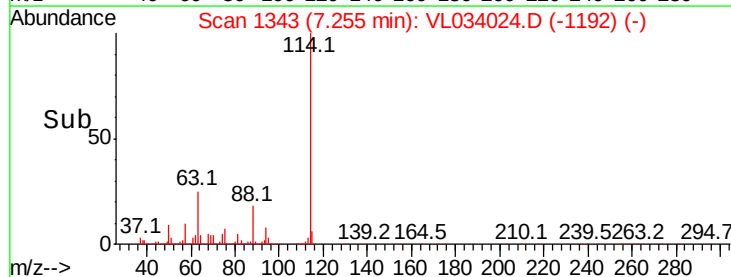
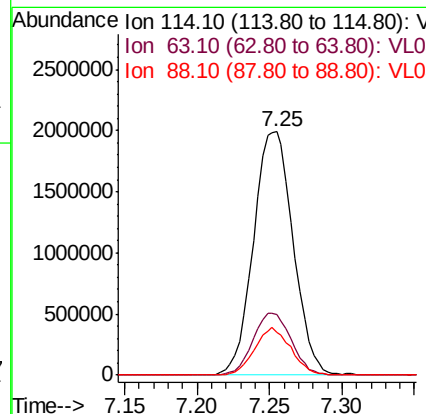
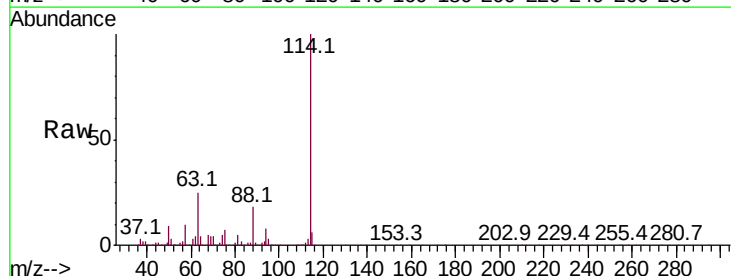
MMDadoda
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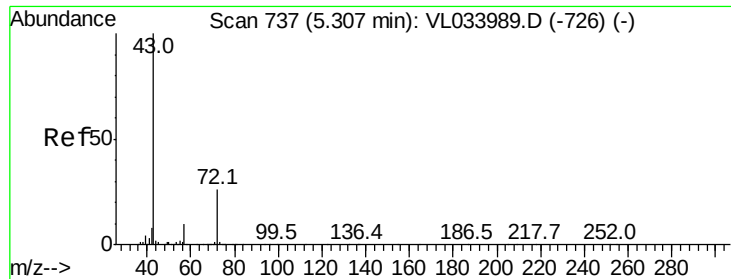


#33

1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.25 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: VL034024.D
 Acq: 11 Jul 2019 19:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.9	20.2	30.2
88	17.9	14.1	21.1





#34

2-Butanone

Concen: 0.978 ppbv

RT: 5.30 min Scan# 735

Delta R.T. -0.01 min

Lab File: VL034024.D

Acq: 11 Jul 2019 19:24

Instrument :

MSVOA_L

ClientSampleId :

SVS-2

Tot Ion: 43 Resp: 195765

Ion Ratio Lower Upper

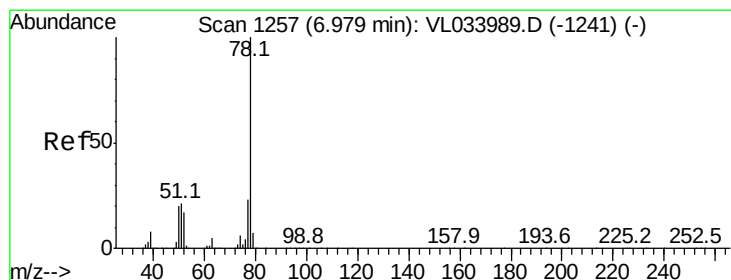
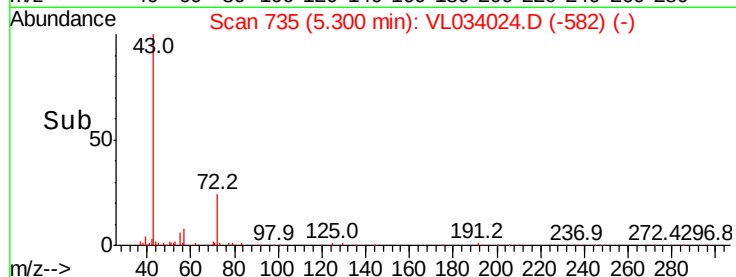
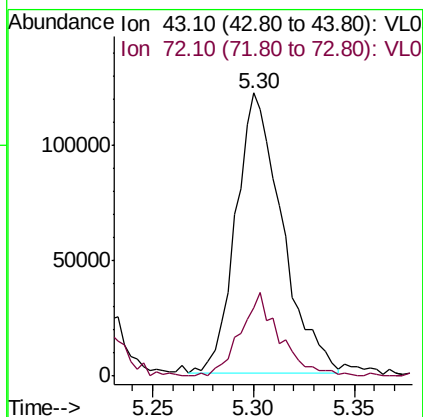
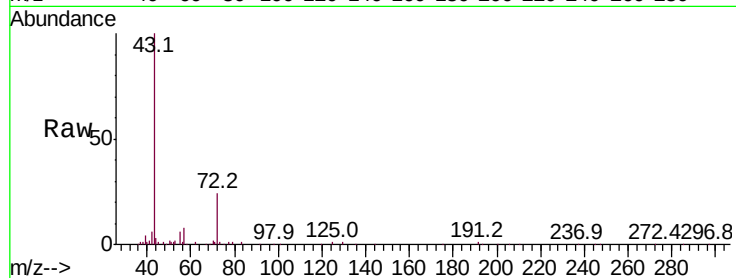
43 100

72 25.7 19.9 29.9

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#36

Benzene

Concen: 0.721 ppbv

RT: 6.96 min Scan# 1252

Delta R.T. -0.02 min

Lab File: VL034024.D

Acq: 11 Jul 2019 19:24

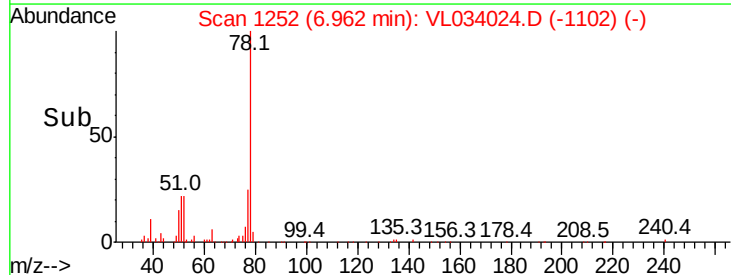
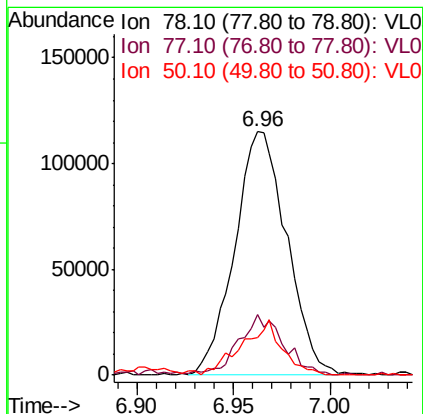
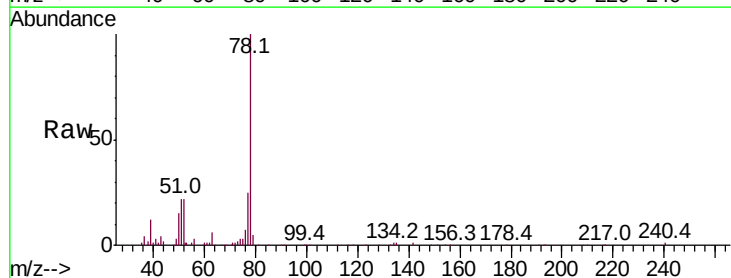
Tgt Ion: 78 Resp: 213366

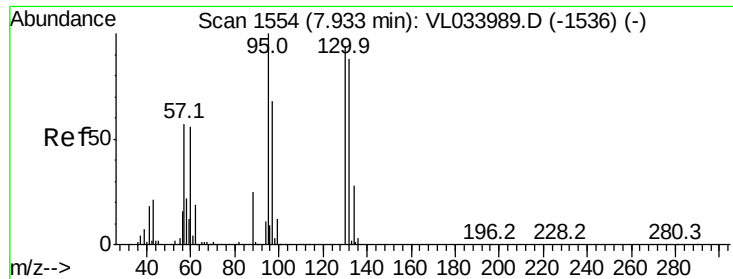
Ion Ratio Lower Upper

78 100

77 25.1 18.7 28.1

50 15.1 16.2 24.2#





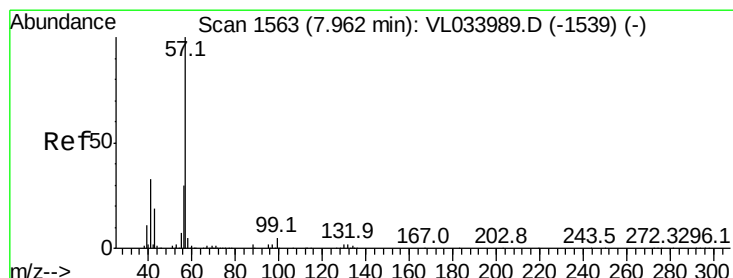
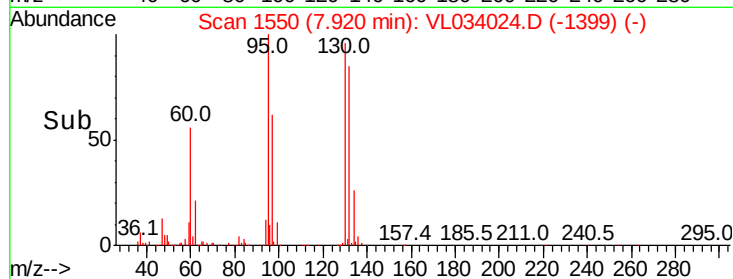
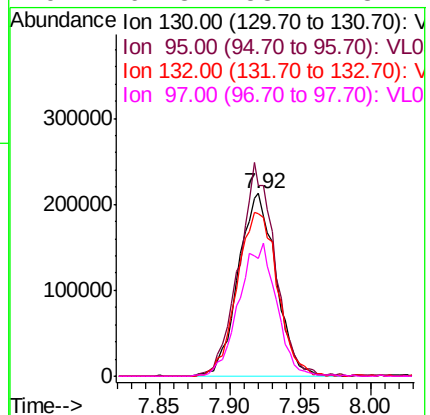
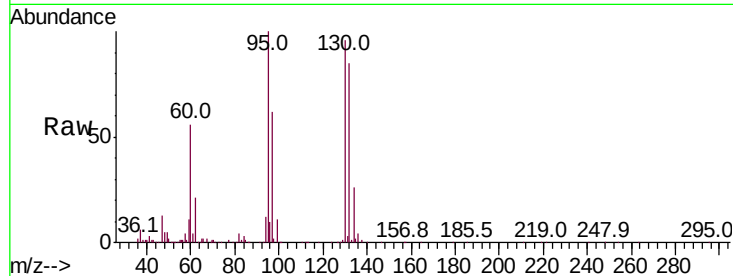
#38
 Trichloroethene
 Concen: 3.030 ppbv
 RT: 7.92 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: VL034024.D
 Acq: 11 Jul 2019 19:24

Instrument :
 MSVOA_L
 ClientSampleId :
 SVS-2

Tot Ion	Ratio	Resp	Lower	Upper
130	100	399129		
95	104.2		85.5	128.3
132	88.7		75.1	112.7
97	64.3		58.1	87.1

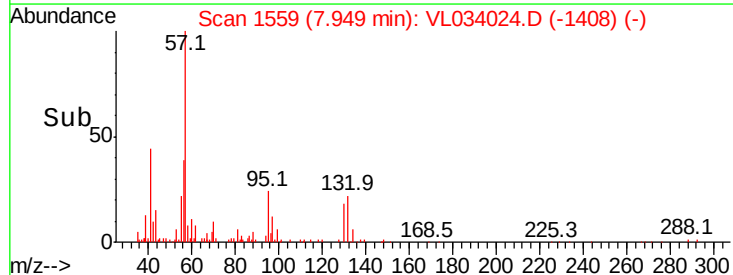
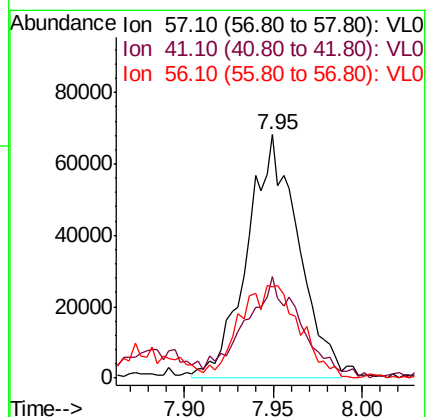
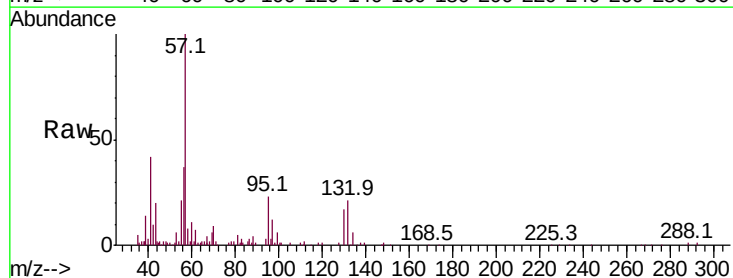
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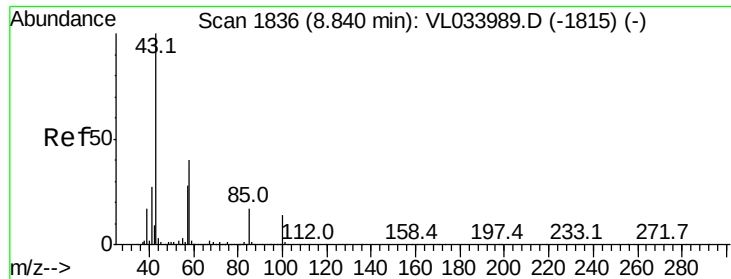
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#44
 2,2,4-Trimethylpentane
 Concen: 0.268 ppbv m
 RT: 7.95 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: VL034024.D
 Acq: 11 Jul 2019 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
57	100	137054		
41	43.5		26.1	39.1#
56	44.6		24.4	36.6#





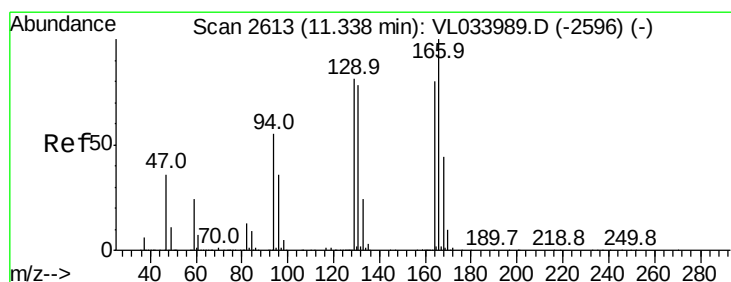
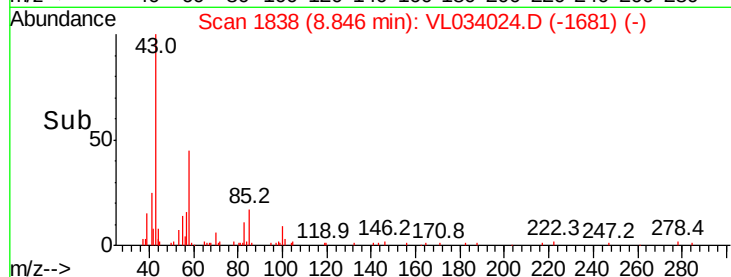
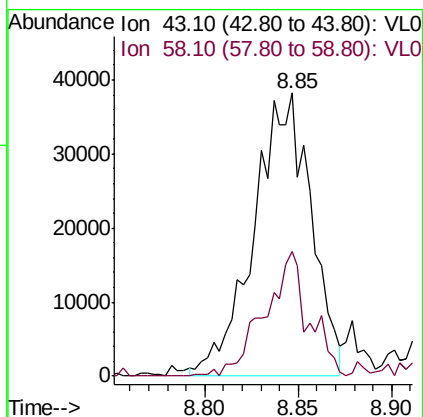
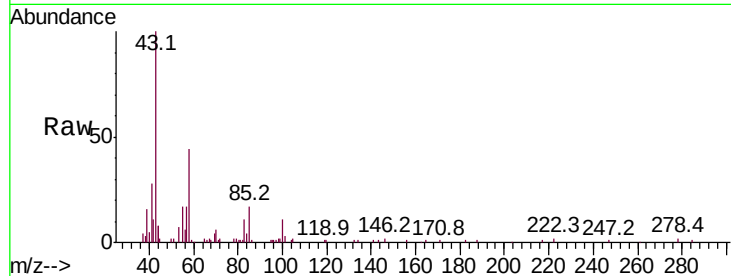
#50
4-Methyl-2-Pentanone
Concen: 0.273 ppbv m
RT: 8.85 min Scan# 1838
Delta R.T. 0.01 min
Lab File: VL034024.D
Acq: 11 Jul 2019 19:24

Instrument :
MSVOA_L
ClientSampled :
SVS-2

Tot Ion: 43 Resp: 81060
Ion Ratio Lower Upper
43 100
58 0.0 30.3 45.5#

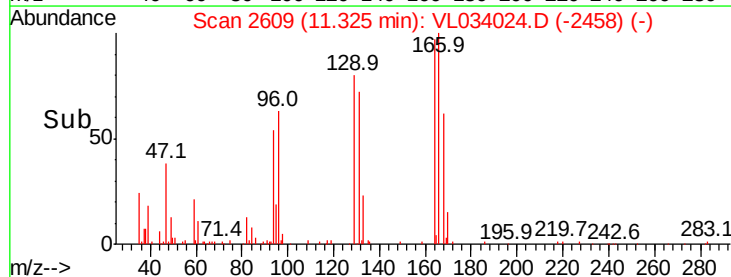
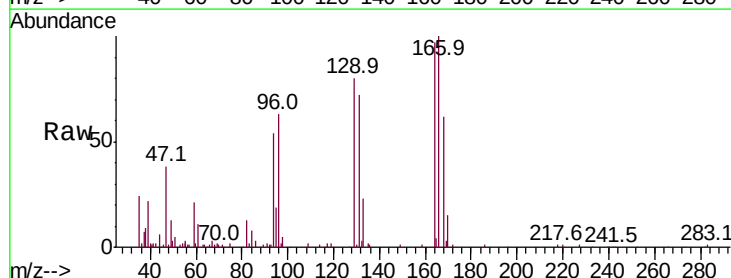
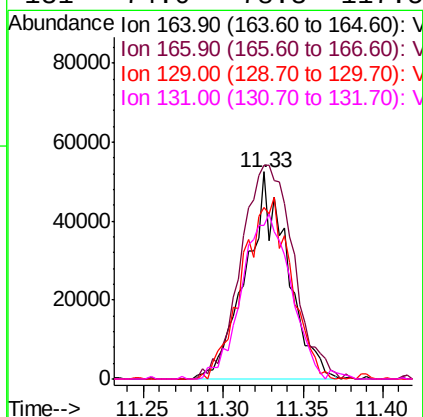
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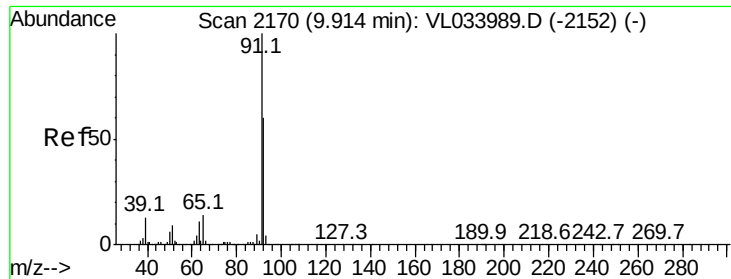
MMDadoda
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#52
Tetrachloroethene
Concen: 0.751 ppbv m
RT: 11.33 min Scan# 2609
Delta R.T. -0.01 min
Lab File: VL034024.D
Acq: 11 Jul 2019 19:24

Tgt Ion: 164 Resp: 95704
Ion Ratio Lower Upper
164 100
166 103.1 100.2 150.2
129 82.7 81.0 121.6
131 74.0 78.3 117.5#





#53

Toluene

Concen: 12.298 ppbv

RT: 9.90 min Scan# 2166

Delta R.T. -0.01 min

Lab File: VL034024.D

Acq: 11 Jul 2019 19:24

Instrument :

MSVOA_L

ClientSampleId :

SVS-2

Tot Ion: 91 Resp: 4167731

Ion Ratio Lower Upper

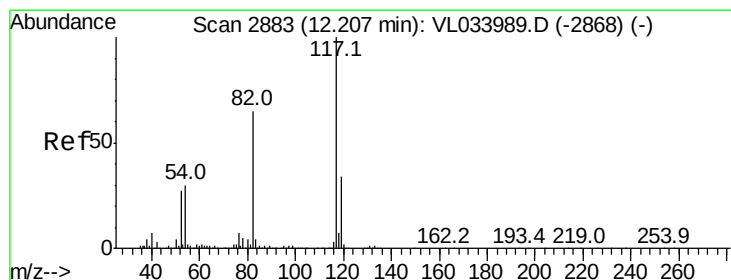
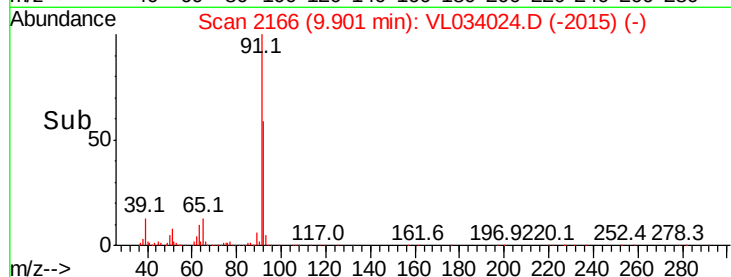
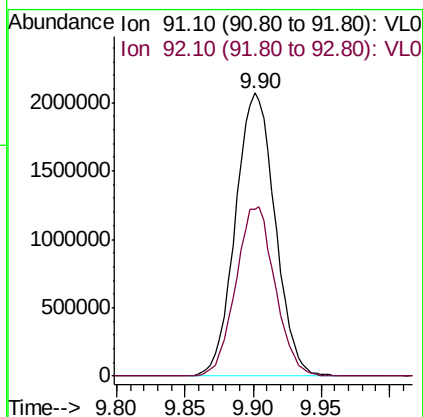
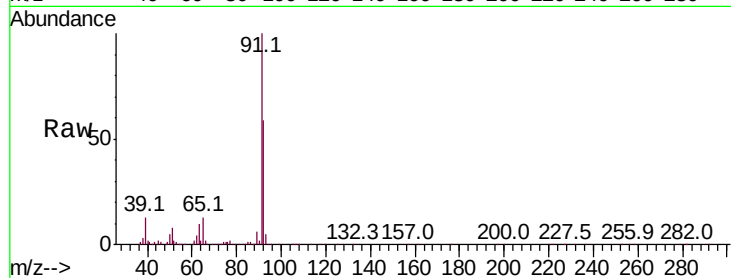
91 100

92 59.7 47.7 71.5

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.19 min Scan# 2879

Delta R.T. -0.01 min

Lab File: VL034024.D

Acq: 11 Jul 2019 19:24

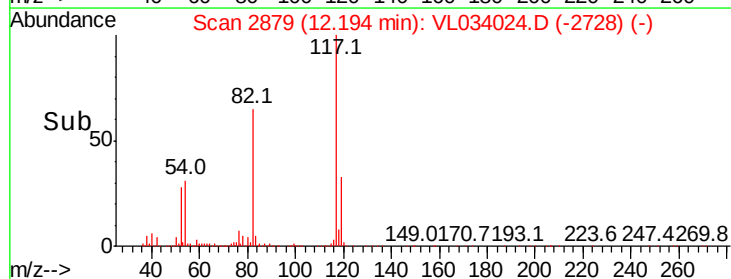
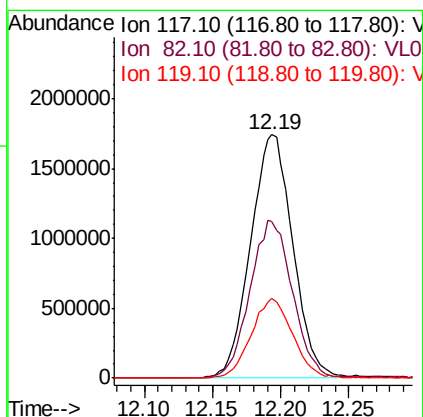
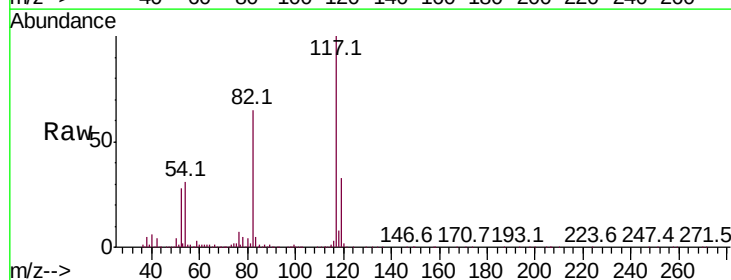
Tgt Ion: 117 Resp: 3751578

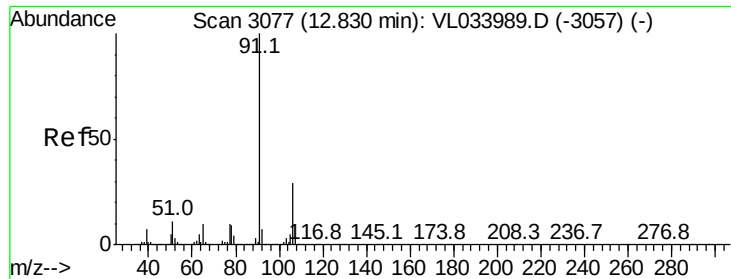
Ion Ratio Lower Upper

117 100

82 65.2 50.8 76.2

119 32.2 24.0 36.0





#58

Ethyl Benzene

Concen: 2.131 ppbv

RT: 12.82 min Scan# 3073

Delta R.T. -0.01 min

Lab File: VL034024.D

Acq: 11 Jul 2019 19:24

Instrument :

MSVOA_L

ClientSampled :

SVS-2

Tot Ion: 91 Resp: 961196

Ion Ratio Lower Upper

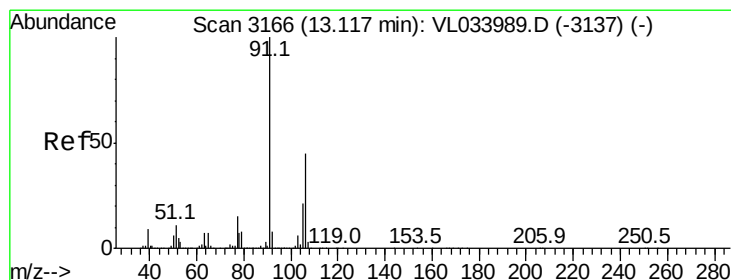
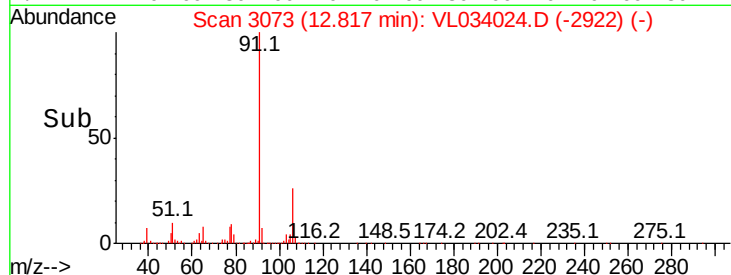
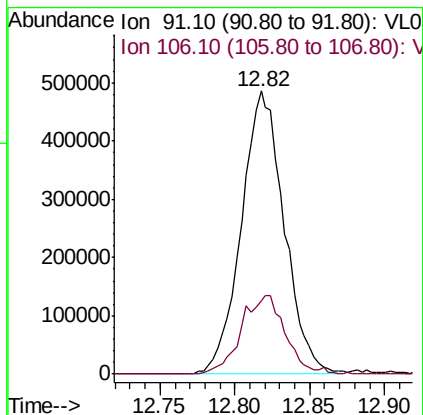
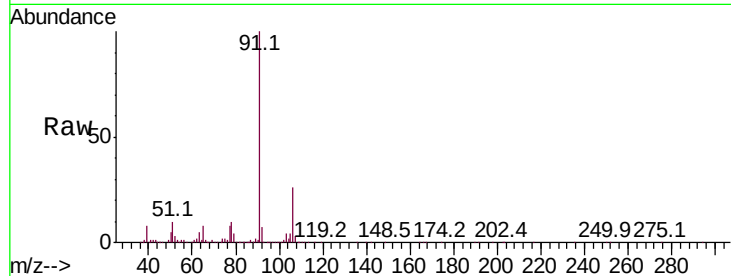
91 100

106 26.1 23.3 34.9

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#59

m/p-Xylene

Concen: 9.231 ppbv m

RT: 13.07 min Scan# 3152

Delta R.T. -0.05 min

Lab File: VL034024.D

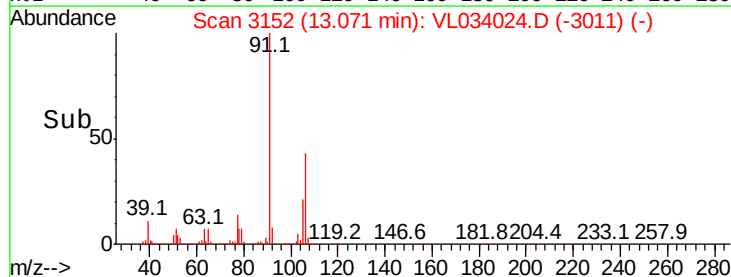
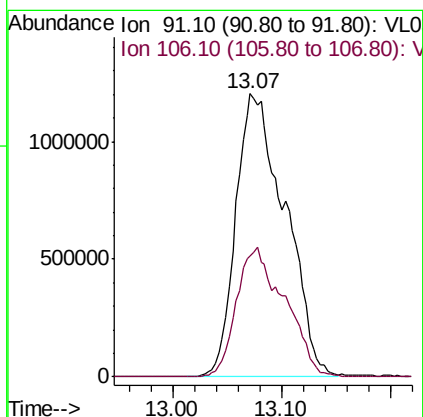
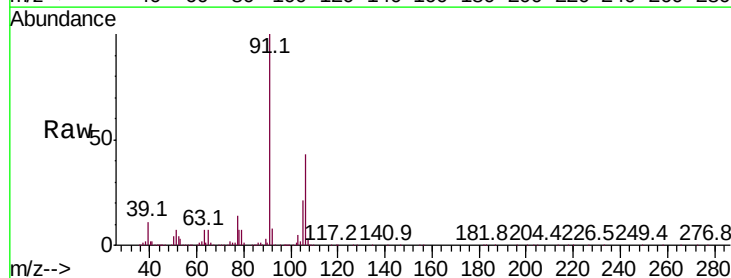
Acq: 11 Jul 2019 19:24

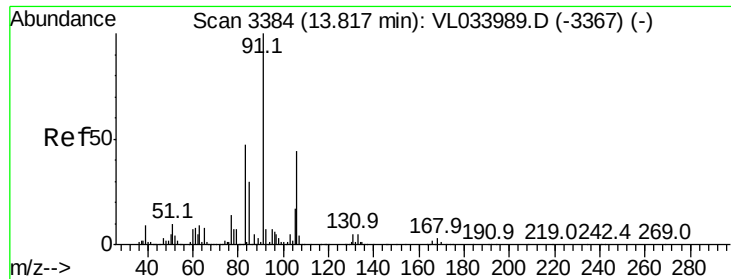
Tgt Ion: 91 Resp: 3770732

Ion Ratio Lower Upper

91 100

106 0.0 35.7 53.5#





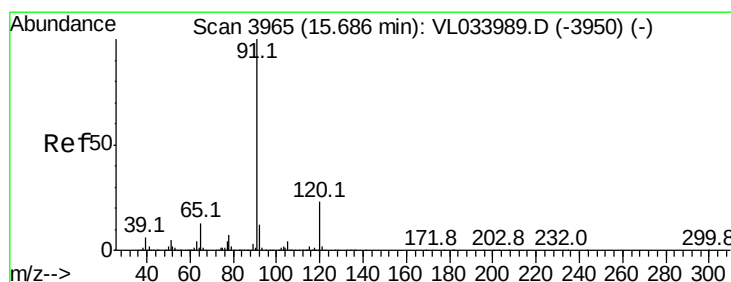
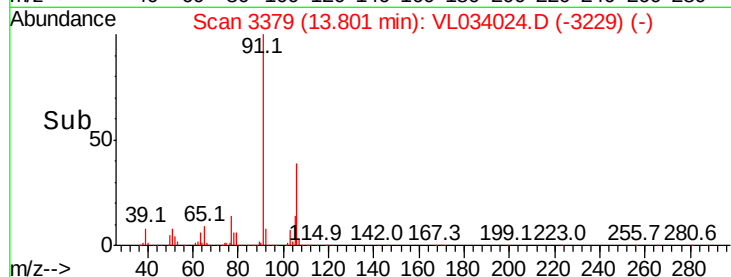
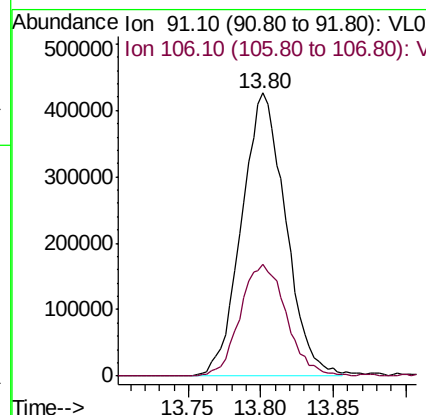
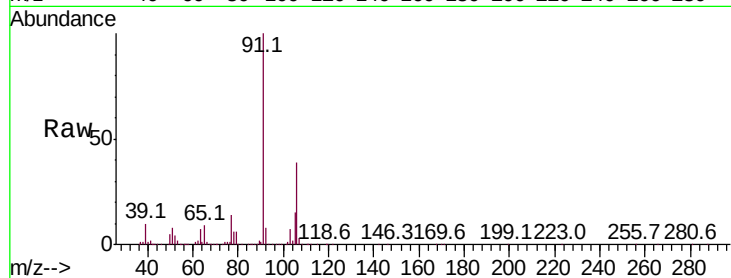
#60
o-Xylene
Concen: 2.185 ppbv
RT: 13.80 min Scan# 3379
Delta R.T. -0.02 min
Lab File: VL034024.D
Acq: 11 Jul 2019 19:24

Instrument :
MSVOA_L
ClientSampled :
SVS-2

Tot Ion: 91 Resp: 892939
Ion Ratio Lower Upper
91 100
106 42.0 21.9 65.7

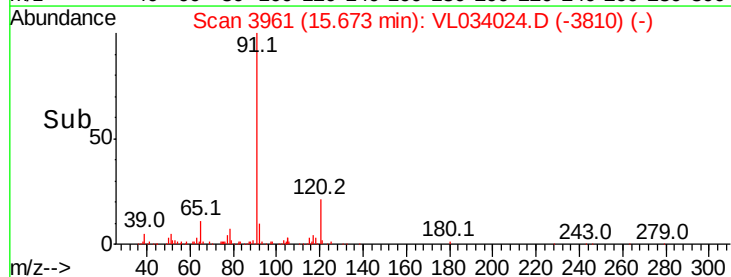
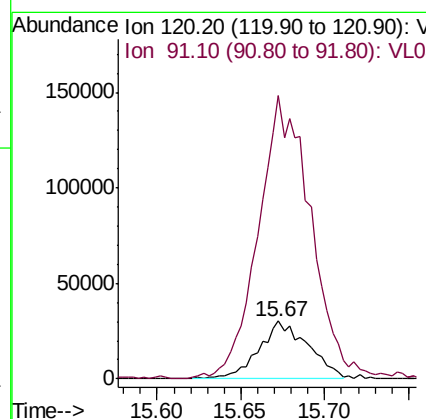
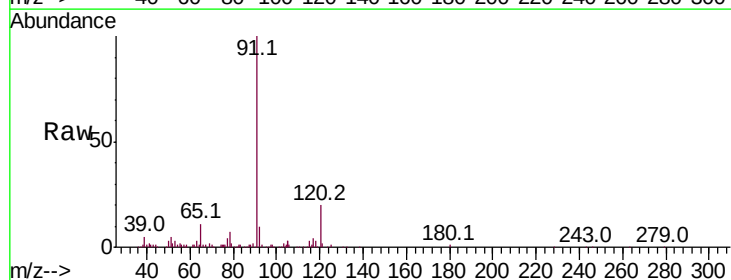
Manual Integrations
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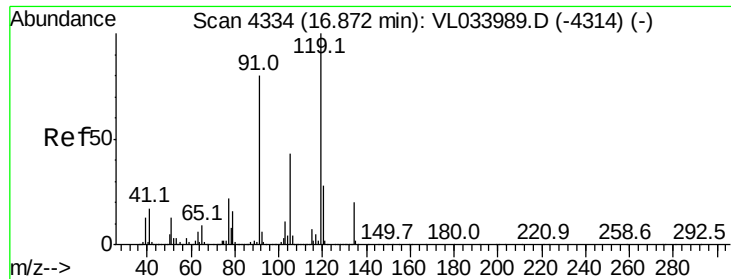
MMDadoda
7/12/2019 10:47:04 PM



#64
n-propylbenzene
Concen: 0.379 ppbv m
RT: 15.67 min Scan# 3961
Delta R.T. -0.01 min
Lab File: VL034024.D
Acq: 11 Jul 2019 19:24

Tgt Ion: 120 Resp: 61781
Ion Ratio Lower Upper
120 100
91 522.7 386.6 579.8





#65

tert-Butylbenzene

Concen: 0.342 ppbv

RT: 16.88 min Scan# 4336

Delta R.T. 0.01 min

Lab File: VL034024.D

Acq: 11 Jul 2019 19:24

Instrument :

MSVOA_L

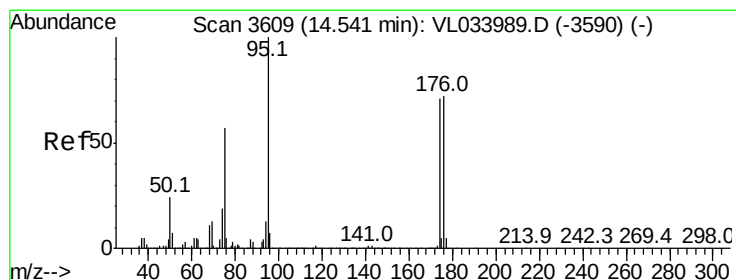
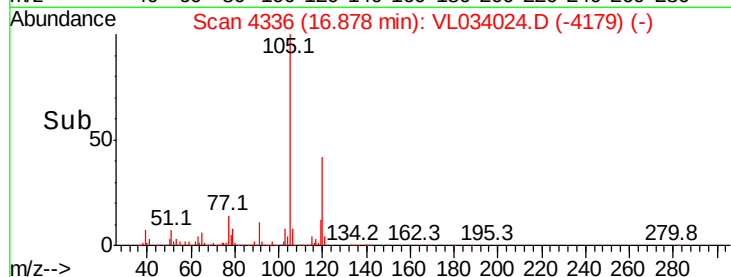
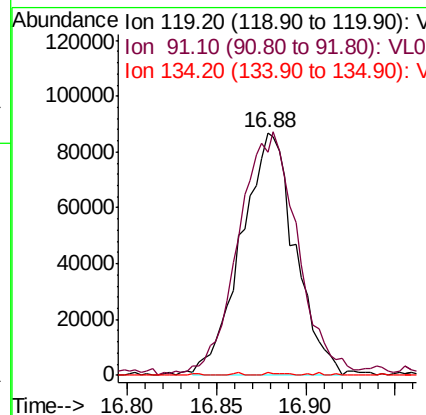
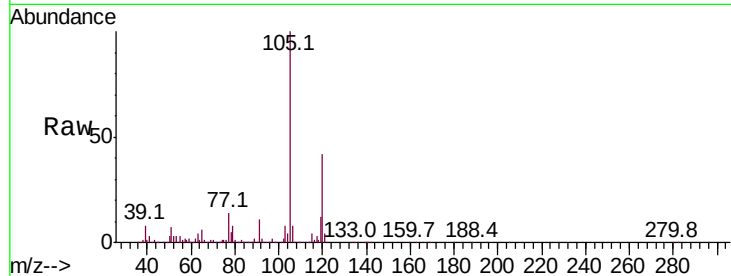
ClientSampled :

SVS-2

Tot Ion	Ratio	Lower	Upper
119	100		
91	111.4	67.0	100.6#
134	0.9	15.8	23.6#

Manual Integrations
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7/12/2019 10:47:04 PM



#68

1-Bromo-4-Fluorobenzene

Concen: 6.522 ppbv

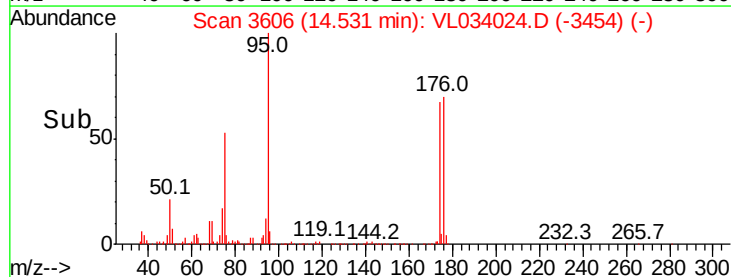
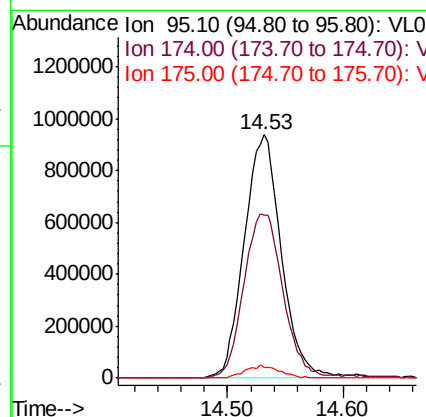
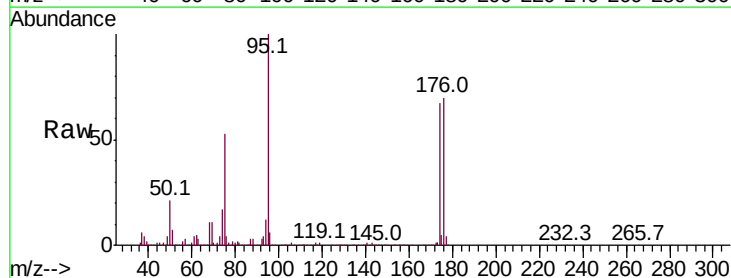
RT: 14.53 min Scan# 3606

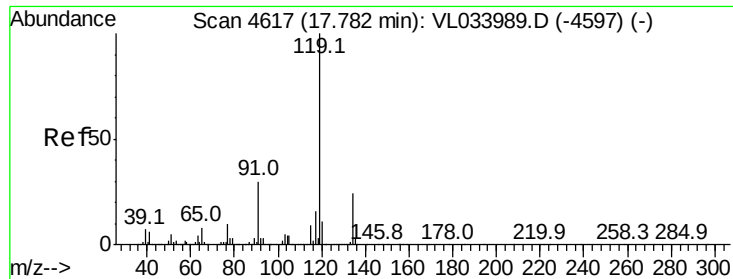
Delta R.T. -0.01 min

Lab File: VL034024.D

Acq: 11 Jul 2019 19:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.7	60.5	90.7
175	4.9	4.0	6.0





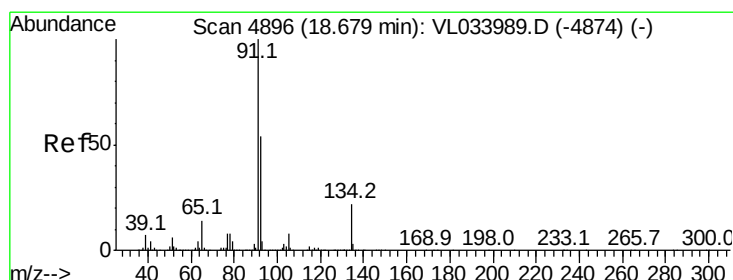
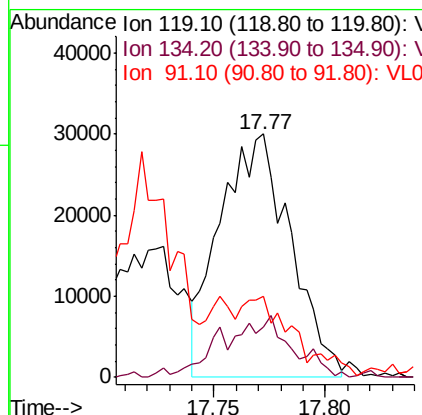
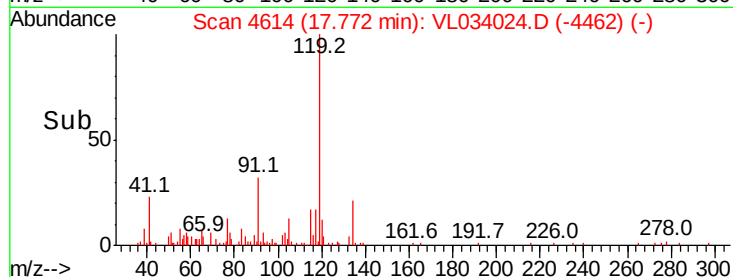
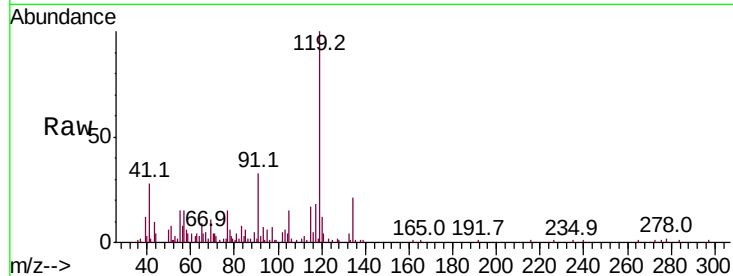
#69
p-Isopropyltoluene
Concen: 0.107 ppbv m
RT: 17.77 min Scan# 4614
Delta R.T. -0.01 min
Lab File: VL034024.D
Acq: 11 Jul 2019 19:24

Instrument :
MSVOA_L
ClientSampled :
SVS-2

Tot Ion	Ratio	Resp	Lower	Upper
119	100	66204		
134	0.0	20.1	30.1#	
91	0.0	23.6	35.4#	

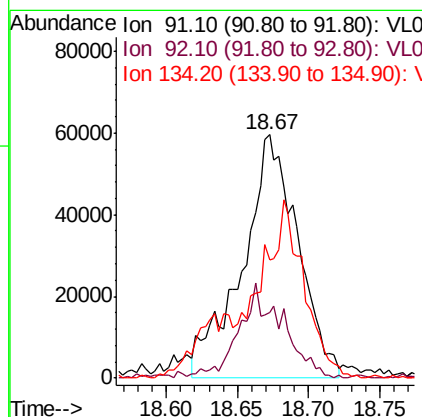
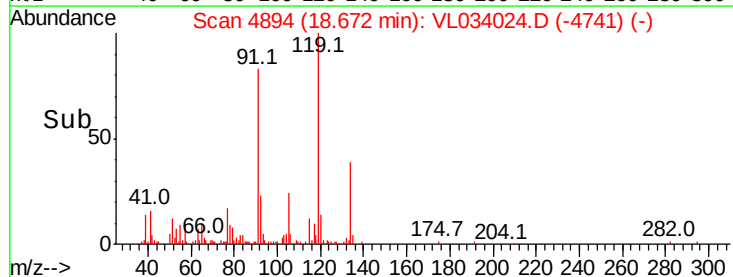
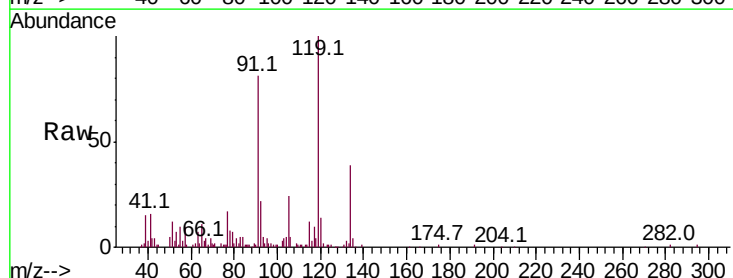
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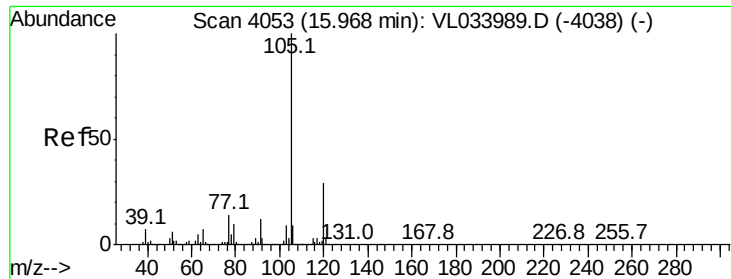
MMDadoda
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#70
n-Butylbenzene
Concen: 0.249 ppbv m
RT: 18.67 min Scan# 4894
Delta R.T. -0.01 min
Lab File: VL034024.D
Acq: 11 Jul 2019 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	161770		
92	0.0	42.0	63.0#	
134	0.0	17.9	26.9#	





#72

4-Ethyltoluene

Concen: 0.973 ppbv

RT: 15.95 min Scan# 4048

Delta R.T. -0.02 min

Lab File: VL034024.D

Acq: 11 Jul 2019 19:24

Instrument :

MSVOA_L

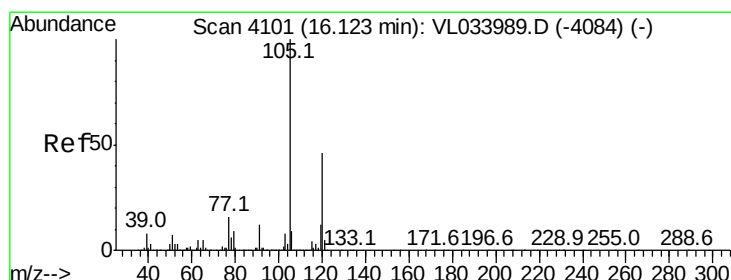
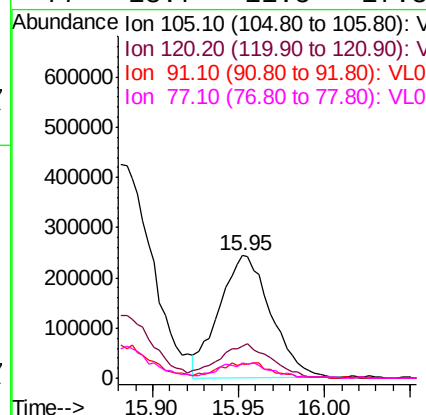
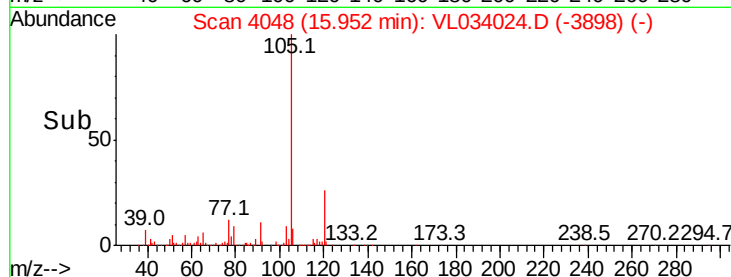
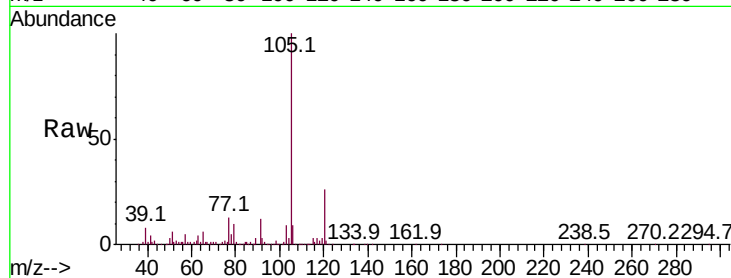
ClientSampled :

SVS-2

Tot Ion:	105	Resp:	510548
Ion Ratio	Lower	Upper	
105	100		
120	28.8	24.1	36.1
91	13.9	10.6	16.0
77	13.7	11.5	17.3

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#73

1,3,5-Trimethylbenzene

Concen: 0.756 ppbv

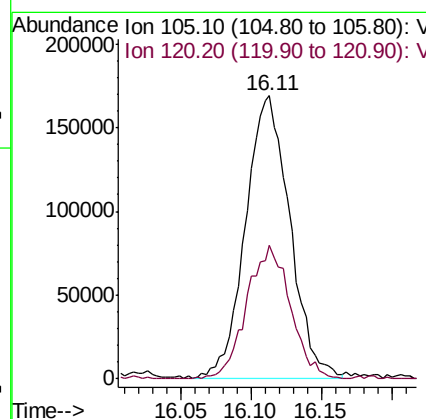
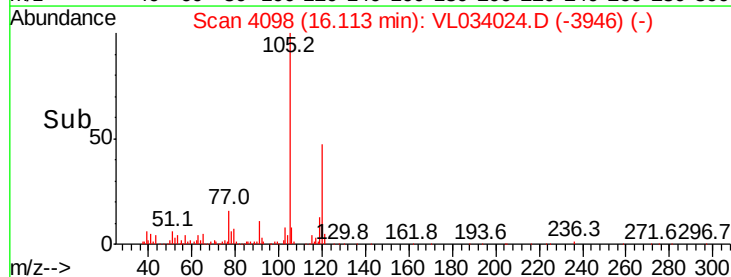
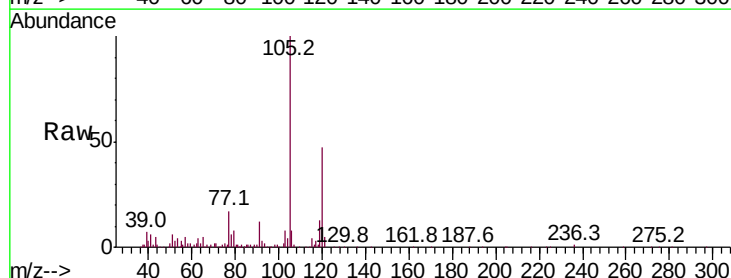
RT: 16.11 min Scan# 4098

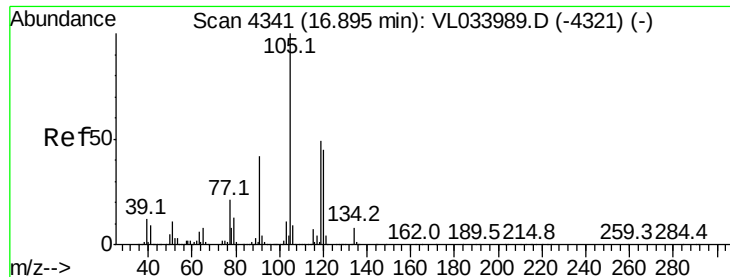
Delta R.T. -0.01 min

Lab File: VL034024.D

Acq: 11 Jul 2019 19:24

Tgt Ion:	105	Resp:	369263
Ion Ratio	Lower	Upper	
105	100		
120	47.1	36.4	54.6





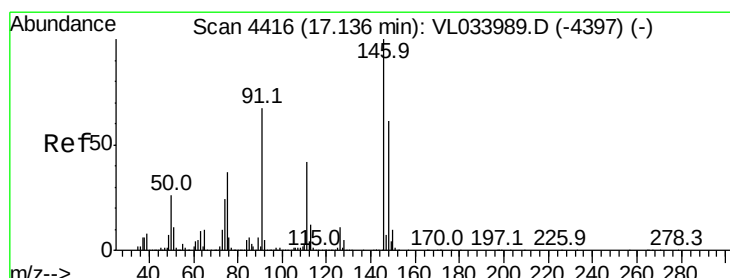
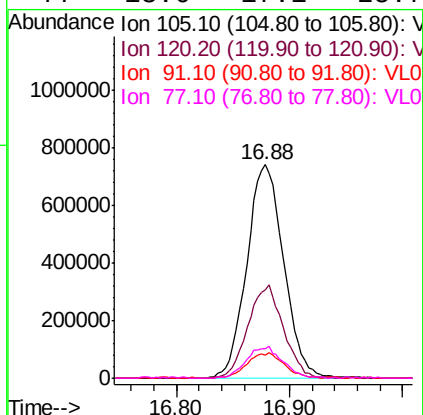
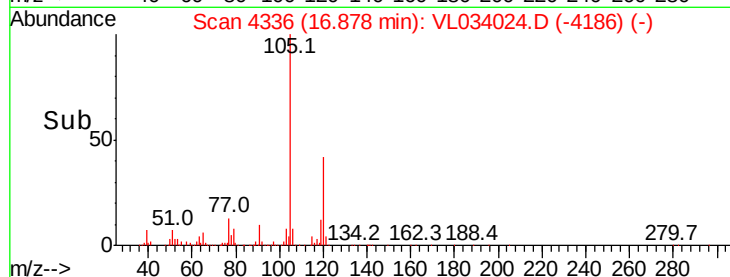
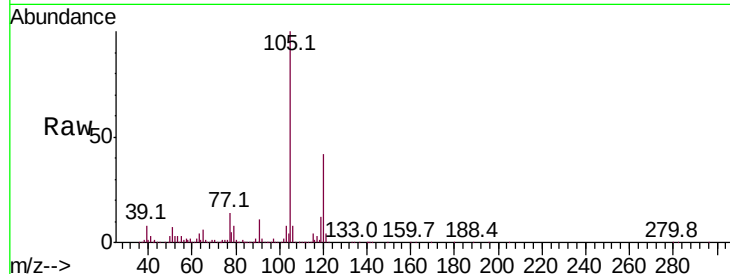
#74
 1,2,4-Trimethylbenzene
 Concen: 3.111 ppbv
 RT: 16.88 min Scan# 4336
 Delta R.T. -0.02 min
 Lab File: VL034024.D
 Acq: 11 Jul 2019 19:24

Instrument :
 MSVOA_L
 ClientSampled :
 SVS-2

Tot Ion	Ratio	Lower	Upper
105	100		
120	41.6	36.2	54.2
91	10.5	34.3	51.5#
77	13.6	17.1	25.7#

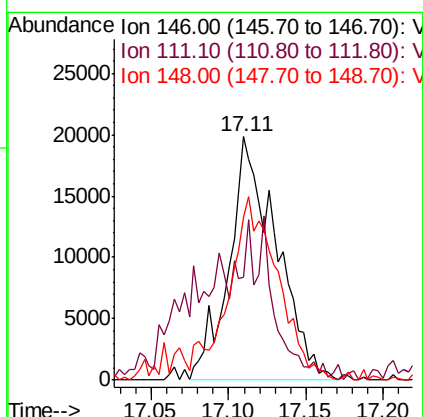
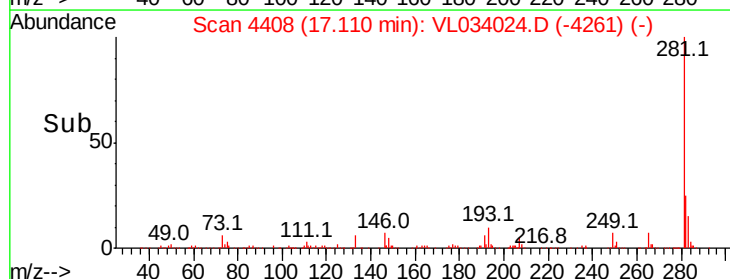
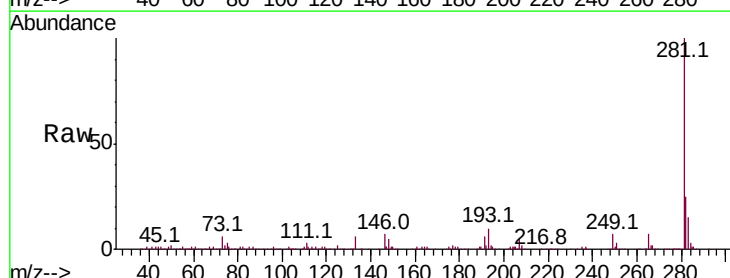
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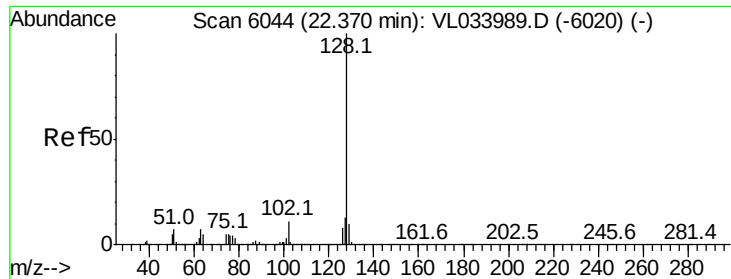
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#75
 1,3-Dichlorobenzene
 Concen: 0.123 ppbv m
 RT: 17.11 min Scan# 4408
 Delta R.T. -0.03 min
 Lab File: VL034024.D
 Acq: 11 Jul 2019 19:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.3	66.9#
148	86.0	32.0	96.2





#79

Naphthalene

Concen: 0.636 ppbv m

RT: 22.36 min Scan# 6041

Delta R.T. -0.01 min

Lab File: VL034024.D

Acq: 11 Jul 2019 19:24

Instrument :

MSVOA_L

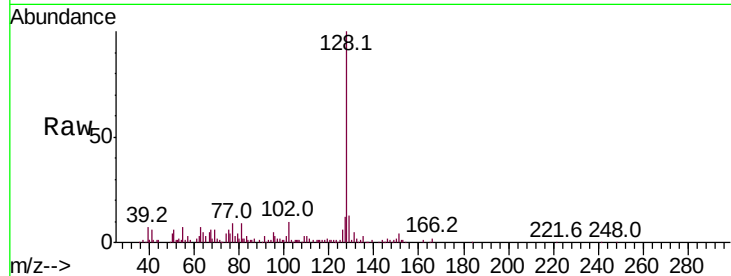
ClientSampled :

SVS-2

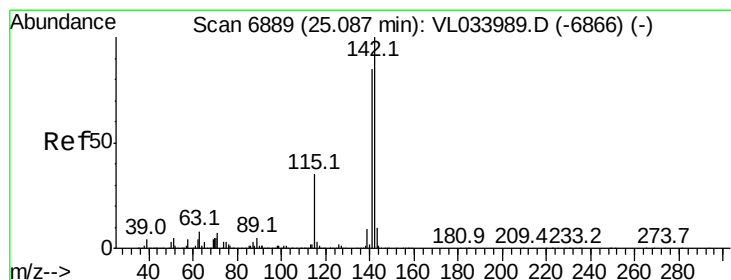
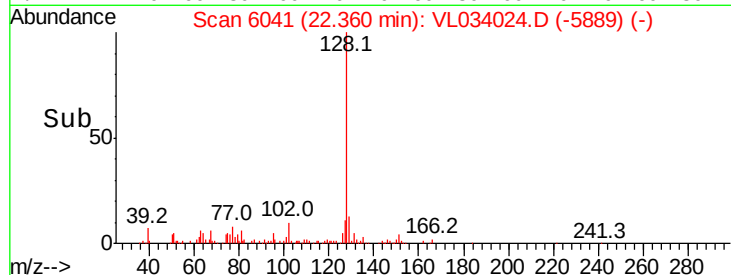
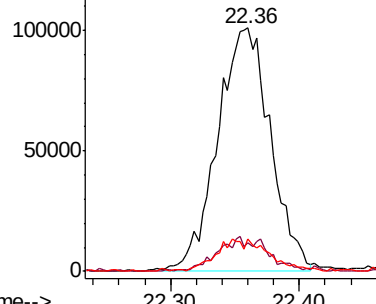
Tot Ion	Ratio	Resp	Lower	Upper
128	100	289012		
127	11.5	10.6	15.8	
129	13.4	8.3	12.5#	

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Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 0.239 ppbv

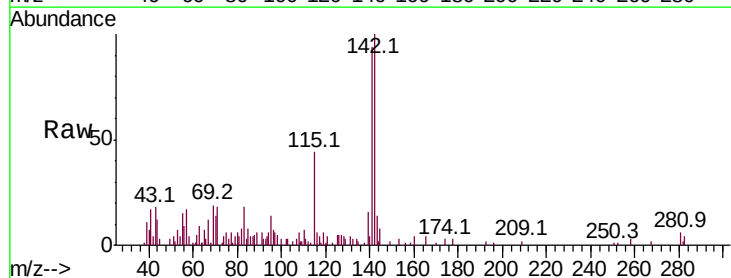
RT: 25.08 min Scan# 6887

Delta R.T. -0.01 min

Lab File: VL034024.D

Acq: 11 Jul 2019 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	39576		
141	89.6	68.2	102.2	
115	70.0	29.9	44.9#	



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V

