

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091019\
 Data File : VL034144.D
 Acq On : 10 Sep 2019 15:56
 Operator : SY/AP
 Sample : K4775-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

MMDadoda
 9/12/2019 5:16:50 AM

Quant Time: Sep 11 02:44:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL090519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 0
 QLast Update : Thu Sep 05 10:21:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.73	49	710000	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.25	114	1546196	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.18	117	1510284	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.51	95	1327315	10.75	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.50%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.03	85	107119	0.915 ppbv	95
3) Chlorodifluoromethane	2.98	51	23333m	0.295 ppbv	
4) Chloromethane	3.13	50	39463	0.798 ppbv	90
5) Vinyl Chloride	3.25	62	4398	0.098 ppbv #	76
7) Chloroethane	3.56	64	4702	0.306 ppbv #	77
9) Propene	3.00	41	4007787	90.508 ppbv	95
10) Heptane	8.19	43	1899048	16.525 ppbv	99
11) Trichlorofluoromethane	3.95	101	44537	0.466 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.50	101	7145m	0.112 ppbv	
13) Ethanol	3.63	45	747740	86.198 ppbv	97
15) Acetone	3.88	43	15653117m	182.929 ppbv	
17) tert-Butyl alcohol	4.33	59	1487895	23.952 ppbv	97
19) Isopropyl Alcohol	4.00	45	2294168	39.721 ppbv #	97
20) Methylene Chloride	4.38	84	38293	1.353 ppbv #	86
26) Hexane	5.73	57	2120426	25.391 ppbv #	35
27) Carbon Disulfide	4.57	76	979263	12.993 ppbv	99
28) Methyl tert-Butyl Ether	5.07	73	76247m	0.623 ppbv	
29) Chloroform	5.82	83	19903m	0.177 ppbv	
30) Cyclohexane	7.19	84	447666	7.415 ppbv #	79
31) cis-1,2-Dichloroethene	5.61	61	17064m	0.213 ppbv	
32) 1,1,1-Trichloroethane	6.58	97	376234	3.535 ppbv	99
34) 2-Butanone	5.29	43	7604143	51.156 ppbv #	72
35) Carbon Tetrachloride	7.08	117	3670m	0.030 ppbv	
36) Benzene	6.96	78	1301819	7.366 ppbv	97
38) Trichloroethene	7.91	130	16493m	0.250 ppbv	
44) 2,2,4-Trimethylpentane	7.93	57	1323058	4.060 ppbv #	62
50) 4-Methyl-2-Pentanone	8.81	43	1007195	4.440 ppbv	99
51) 2-Hexanone	10.20	43	4860101	24.803 ppbv #	97
52) Tetrachloroethene	11.31	164	2225281	35.707 ppbv	97
53) Toluene	9.89	91	4416243	22.593 ppbv	96
58) Ethyl Benzene	12.80	91	1778004	7.179 ppbv	92
59) m/p-Xylene	13.05	91	4578907	22.665 ppbv	98
60) o-Xylene	13.79	91	1881485	9.351 ppbv	99
61) Styrene	13.63	104	102920	0.684 ppbv	97
62) Isopropylbenzene	14.76	105	177679	0.679 ppbv	100
64) n-propylbenzene	15.66	120	140855	2.148 ppbv	75
70) n-Butylbenzene	18.71	91	328940m	1.112 ppbv	
72) 4-Ethyltoluene	15.93	105	742068	3.269 ppbv	96
73) 1,3,5-Trimethylbenzene	16.10	105	544735	2.469 ppbv	93
74) 1,2,4-Trimethylbenzene	16.87	105	1724038	7.588 ppbv #	73
79) Naphthalene	22.34	128	40298m	0.196 ppbv	

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SV1

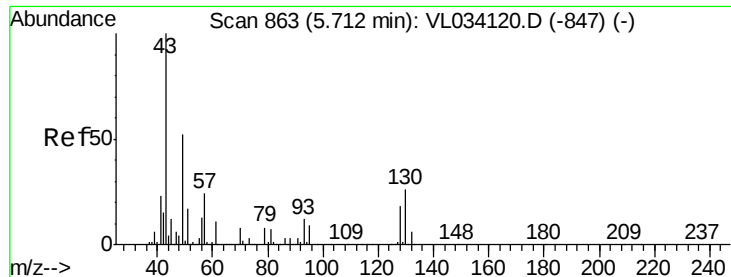
Manual Integrations
APPROVED

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9/12/2019 5:16:50 AM

Quant Time: Sep 11 02:44:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL090519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 0
QLast Update : Thu Sep 05 10:21:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.73 min Scan# 916

Delta R.T. 0.02 min

Lab File: VL034144.D

Acq: 10 Sep 2019 15:56

Instrument :

MSVOA_L

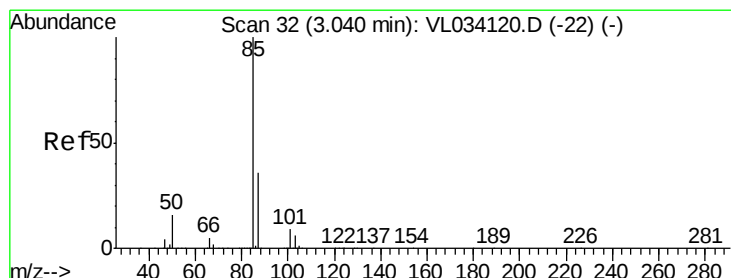
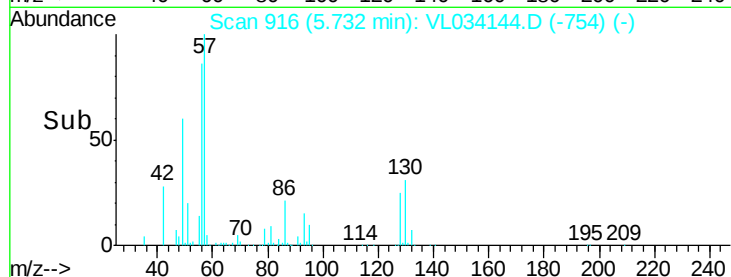
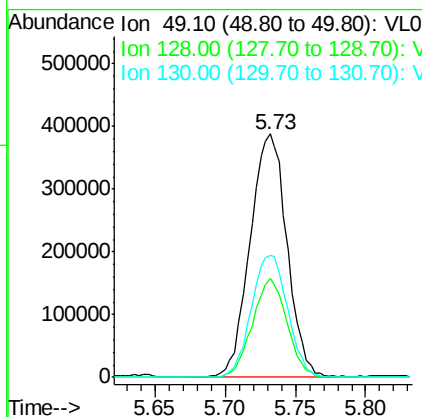
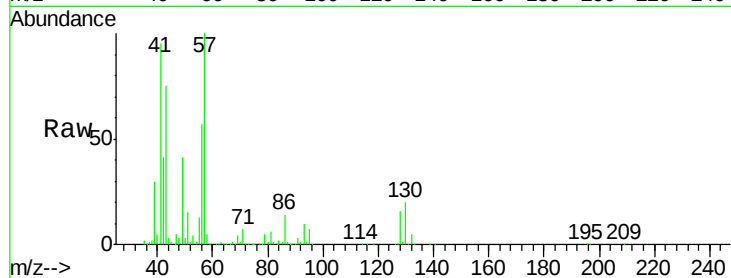
ClientSampled :

SV1

Tot Ion	Ratio	Lower	Upper
49	100		
128	38.3	18.4	55.0
130	49.7	23.5	70.6

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 0.915 ppbv

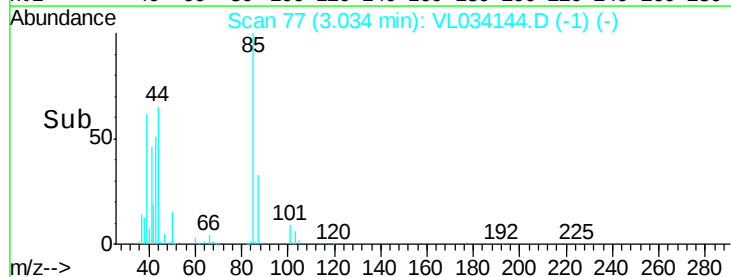
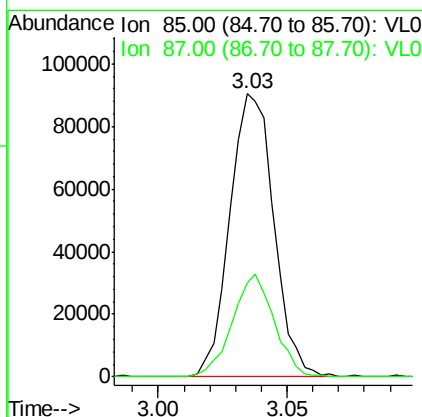
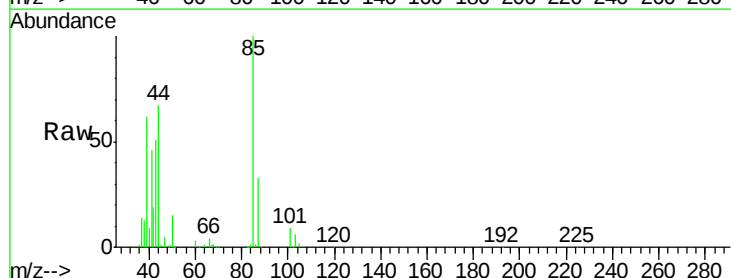
RT: 3.03 min Scan# 77

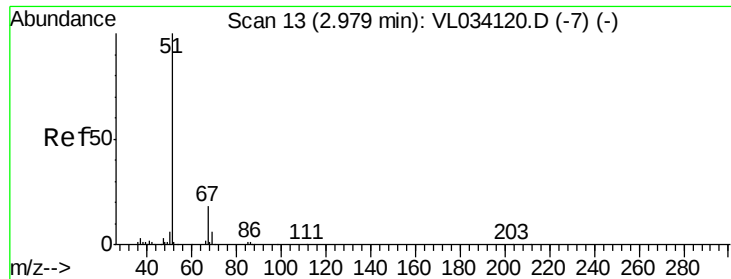
Delta R.T. -0.01 min

Lab File: VL034144.D

Acq: 10 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	28.6	43.0





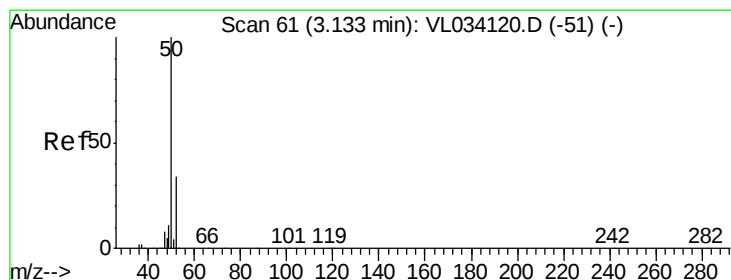
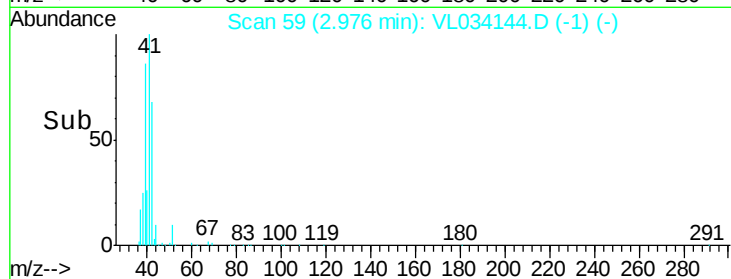
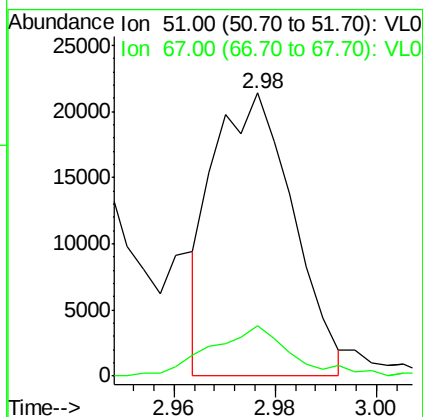
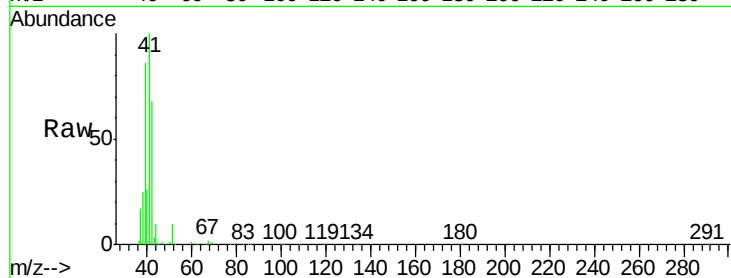
#3
Chlorodifluoromethane
Concen: 0.295 ppbv
RT: 2.98 min Scan# 59
Delta R.T. -0.00 min
Lab File: VL034144.D
Acq: 10 Sep 2019 15:56

Instrument :
MSVOA_L
ClientSampled :
SV1

Tot Ion	Ratio	Lower	Upper
51	100		
67	18.8	14.2	21.4

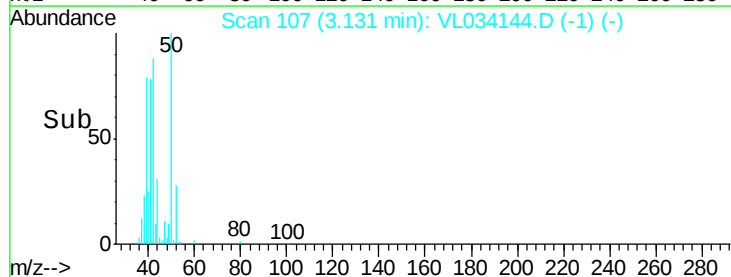
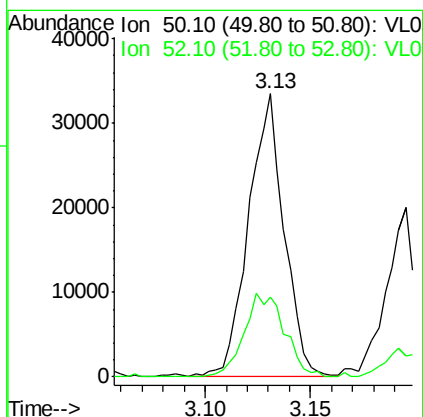
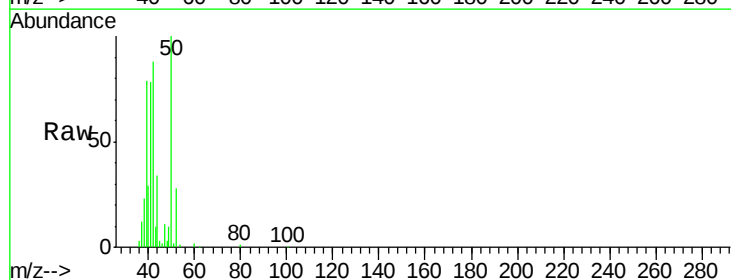
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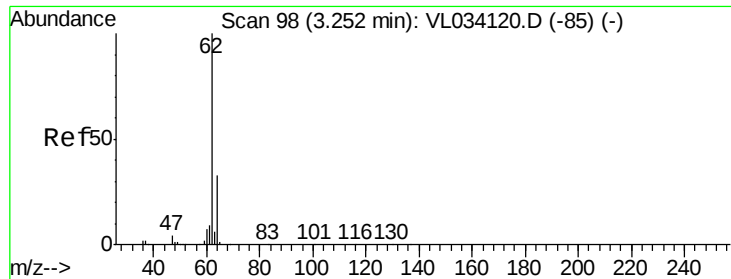
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#4
Chloromethane
Concen: 0.798 ppbv
RT: 3.13 min Scan# 107
Delta R.T. -0.00 min
Lab File: VL034144.D
Acq: 10 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
50	100		
52	28.3	27.4	41.2





#5

Vinyl Chloride

Concen: 0.098 ppbv

RT: 3.25 min Scan# 143

Delta R.T. -0.01 min

Lab File: VL034144.D

Acq: 10 Sep 2019 15:56

Instrument :

MSVOA_L

ClientSampleId :

SV1

Tot Ion: 62 Resp: 4398

Ion Ratio Lower Upper

62 100

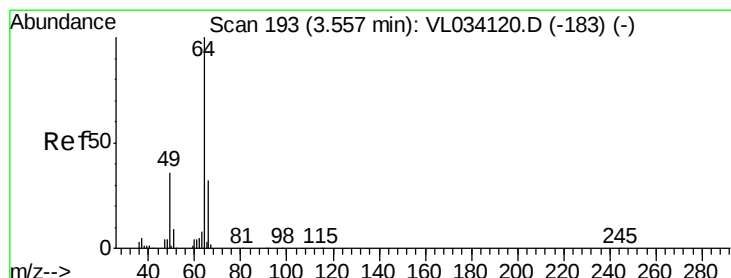
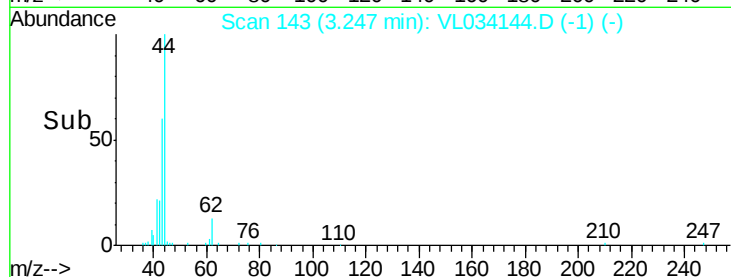
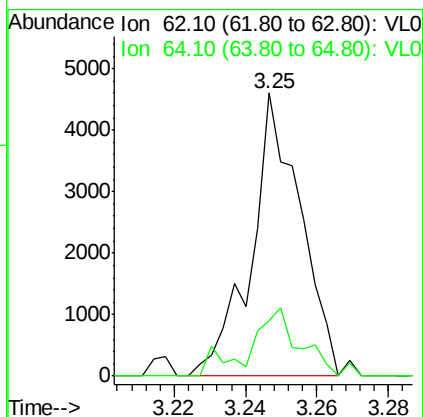
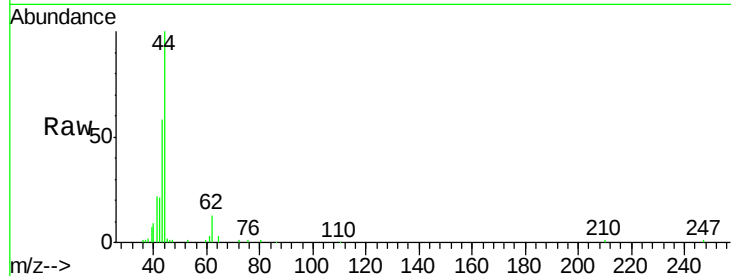
64 19.7 26.6 39.8#

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#7

Chloroethane

Concen: 0.306 ppbv

RT: 3.56 min Scan# 239

Delta R.T. -0.00 min

Lab File: VL034144.D

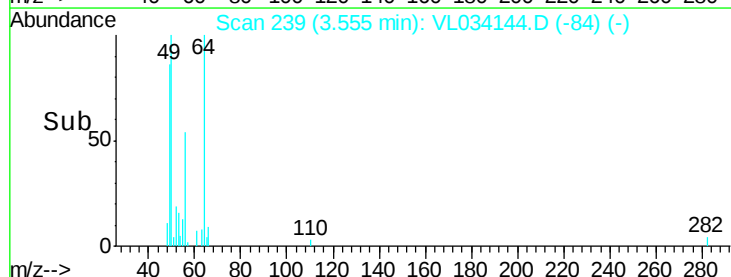
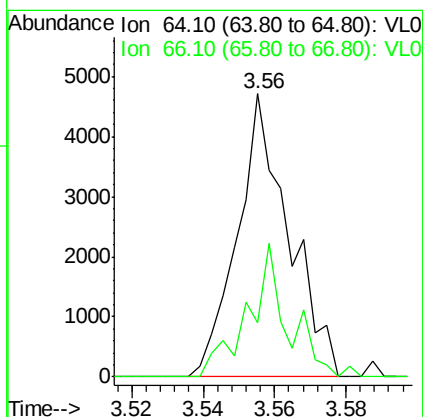
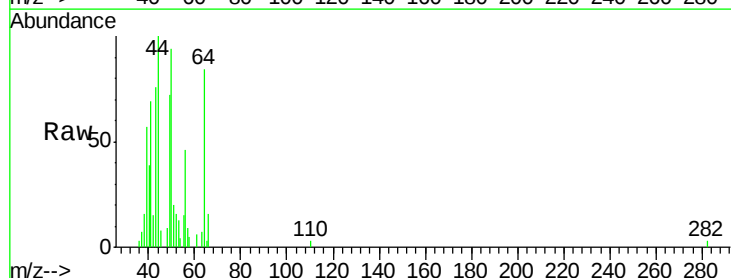
Acq: 10 Sep 2019 15:56

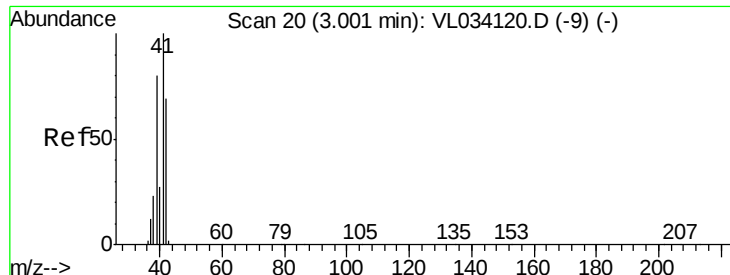
Tgt Ion: 64 Resp: 4702

Ion Ratio Lower Upper

64 100

66 19.1 25.4 38.2#





#9

Propene

Concen: 90.508 ppbv

RT: 3.00 min Scan# 65

Delta R.T. -0.01 min

Lab File: VL034144.D

Acq: 10 Sep 2019 15:56

Instrument :

MSVOA_L

ClientSampleId :

SV1

Tot Ion: 41 Resp: 4007787

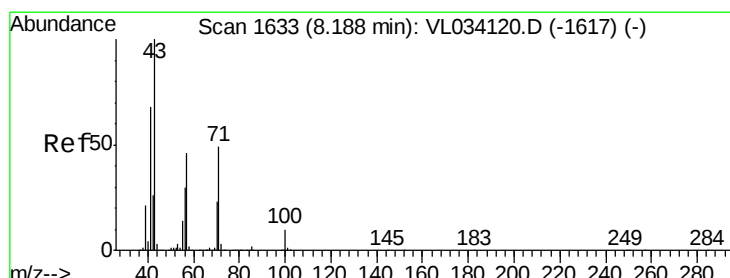
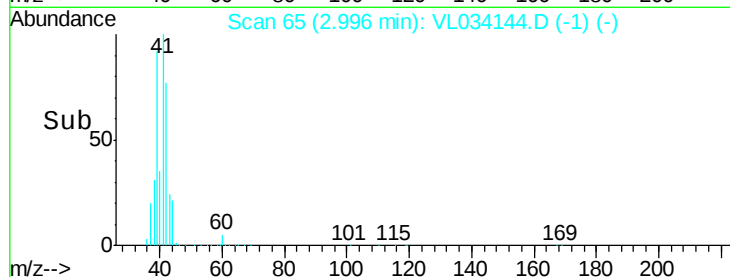
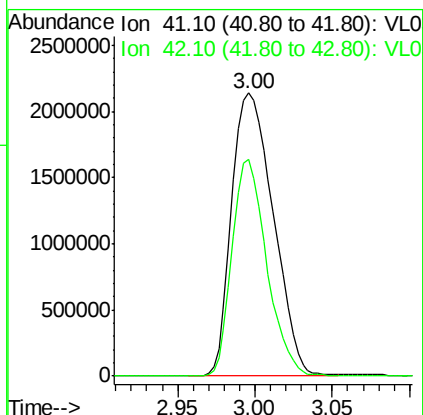
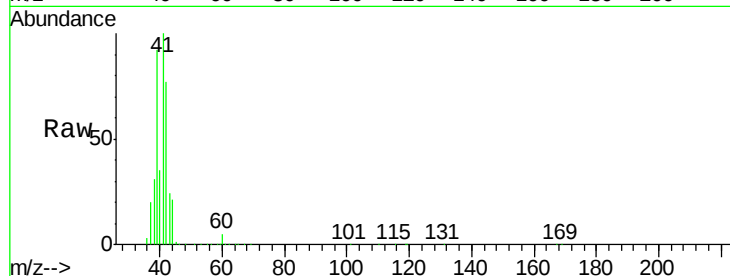
Ion Ratio Lower Upper

41 100

42 63.9 54.6 81.8

Manual Integrations
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#10

Heptane

Concen: 16.525 ppbv

RT: 8.19 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VL034144.D

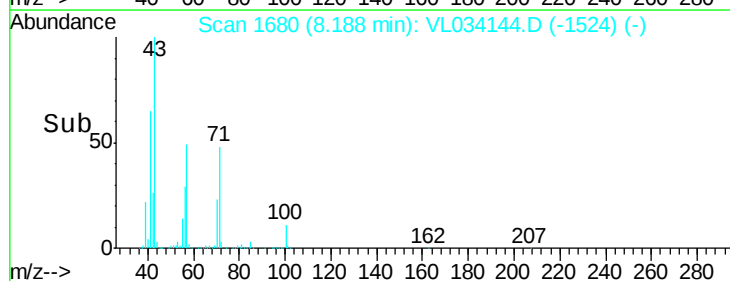
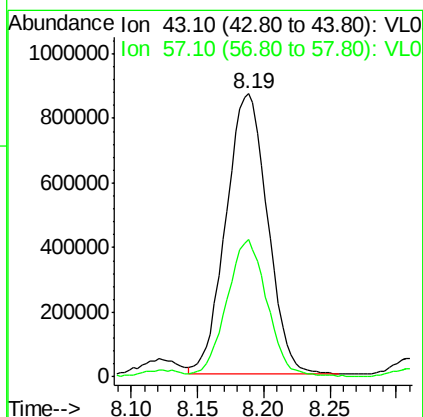
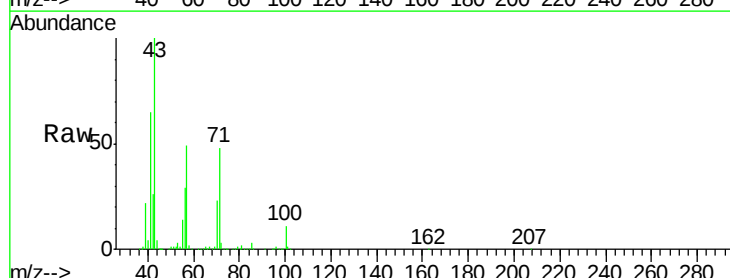
Acq: 10 Sep 2019 15:56

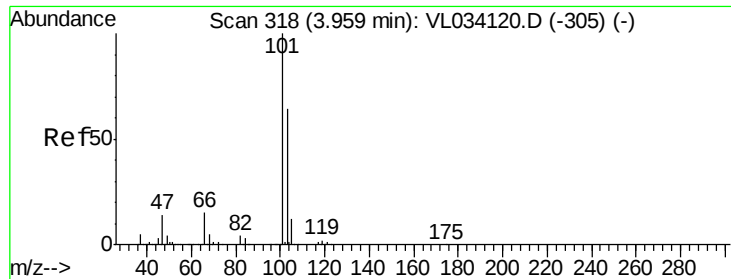
Tgt Ion: 43 Resp: 1899048

Ion Ratio Lower Upper

43 100

57 47.0 38.1 57.1





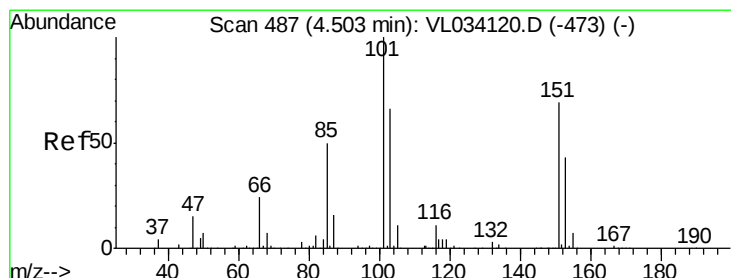
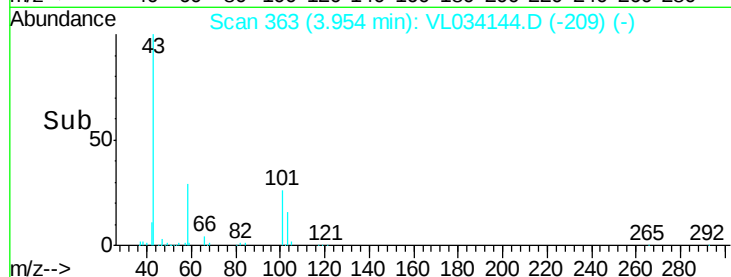
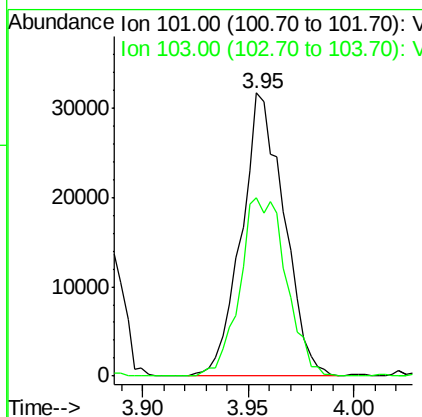
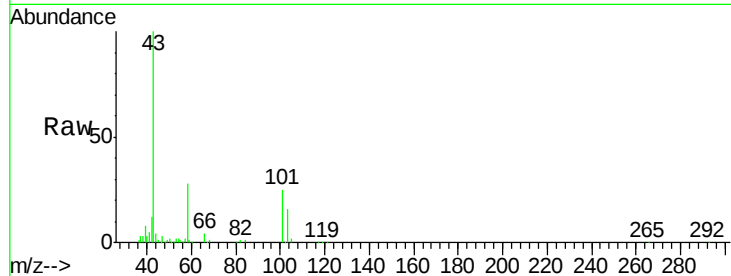
#11
 Trichlorofluoromethane
 Concen: 0.466 ppbv
 RT: 3.95 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VL034144.D
 Acq: 10 Sep 2019 15:56

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Tot Ion:101 Resp: 44537
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.4 77.2

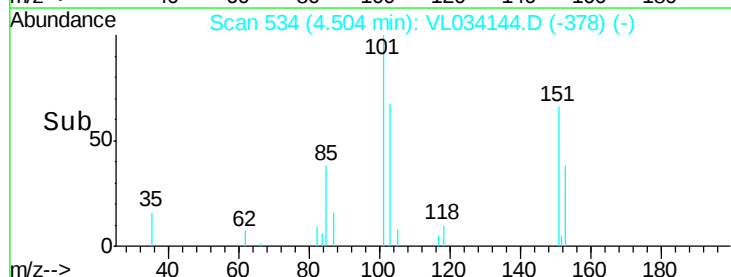
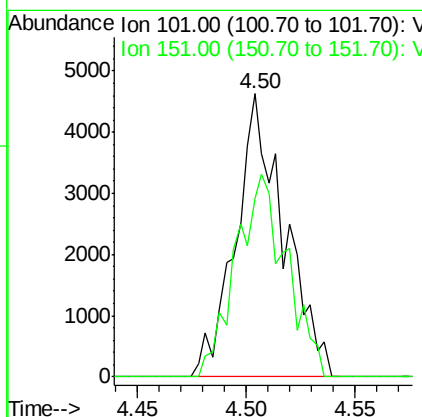
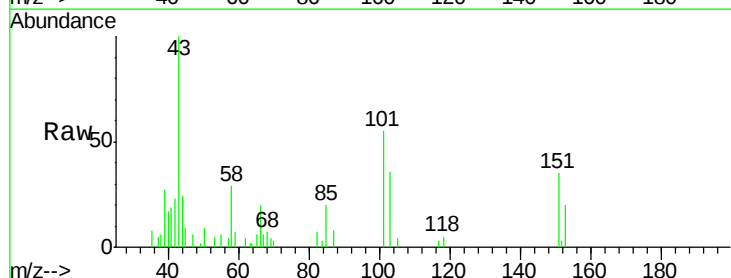
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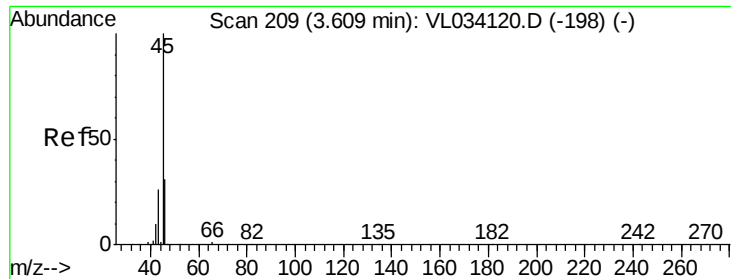
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.112 ppbv m
 RT: 4.50 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VL034144.D
 Acq: 10 Sep 2019 15:56

Tgt Ion:101 Resp: 7145
 Ion Ratio Lower Upper
 101 100
 151 0.0 53.0 79.6#





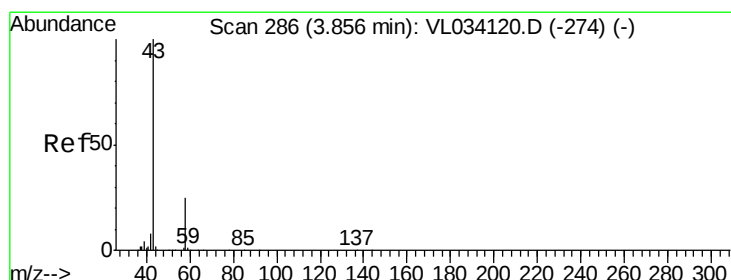
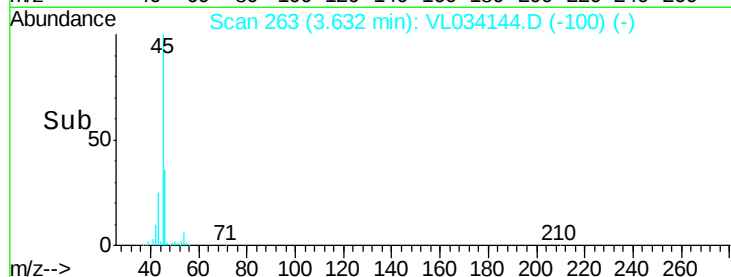
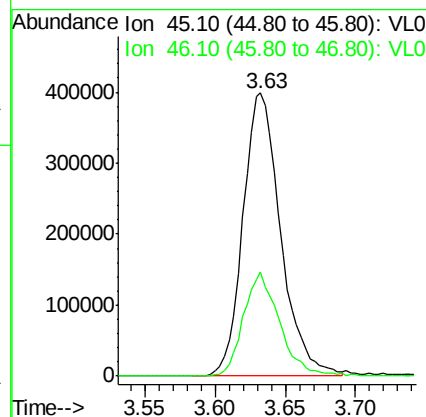
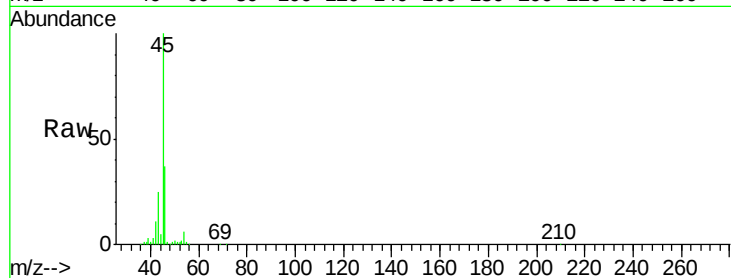
#13
Ethanol
Concen: 86.198 ppbv
RT: 3.63 min Scan# 263
Delta R.T. 0.02 min
Lab File: VL034144.D
Acq: 10 Sep 2019 15:56

Instrument :
MSVOA_L
ClientSampled :
SV1

Tot Ion: 45 Resp: 747740
Ion Ratio Lower Upper
45 100
46 35.5 15.0 60.0

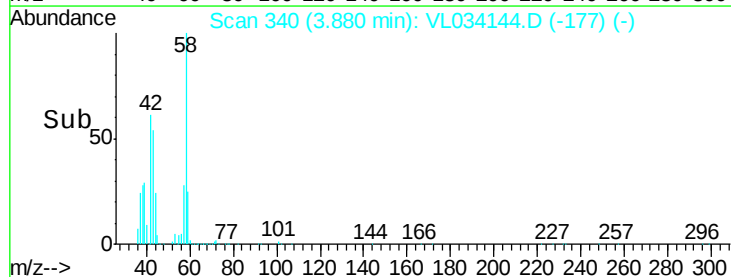
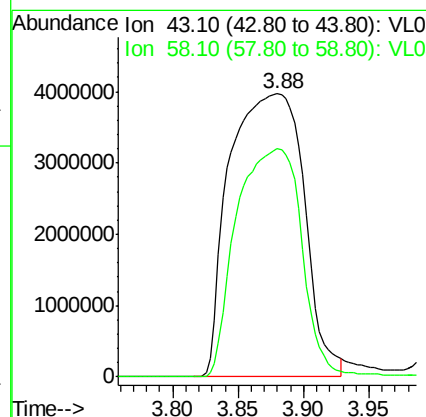
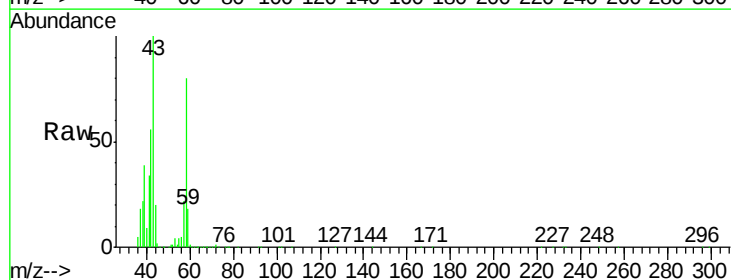
Manual Integrations
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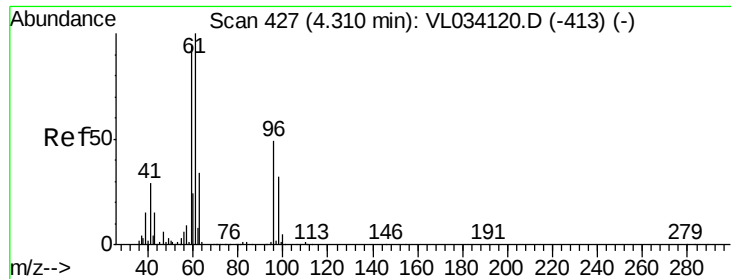
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9/12/2019 5:16:50 AM



#15
Acetone
Concen: 182.929 ppbv m
RT: 3.88 min Scan# 340
Delta R.T. 0.02 min
Lab File: VL034144.D
Acq: 10 Sep 2019 15:56

Tgt Ion: 43 Resp:15653117
Ion Ratio Lower Upper
43 100
58 70.9 20.6 30.8#





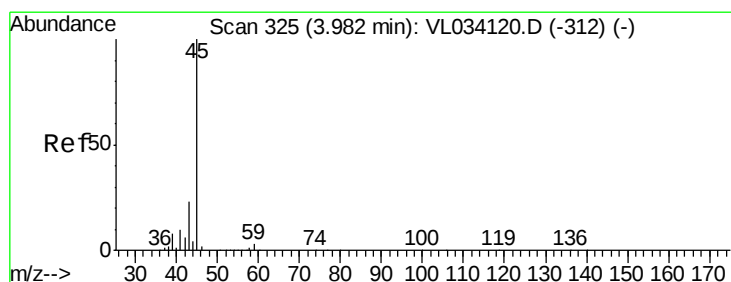
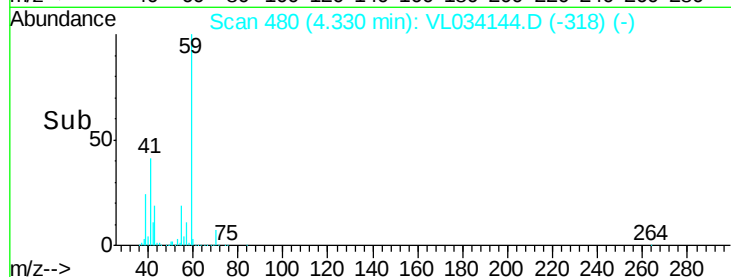
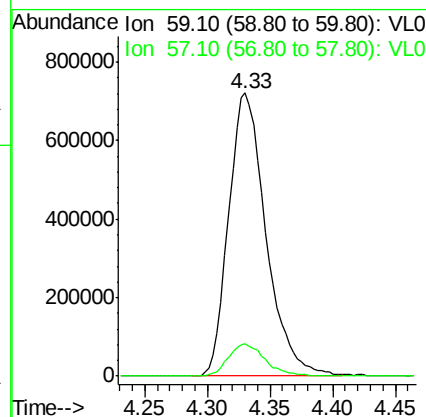
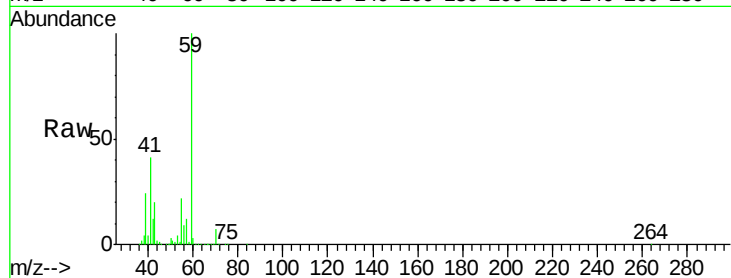
#17
 tert-Butyl alcohol
 Concen: 23.952 ppbv
 RT: 4.33 min Scan# 480
 Delta R.T. 0.02 min
 Lab File: VL034144.D
 Acq: 10 Sep 2019 15:56

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Tot Ion: 59 Resp: 1487895
 Ion Ratio Lower Upper
 59 100
 57 11.8 8.6 12.8

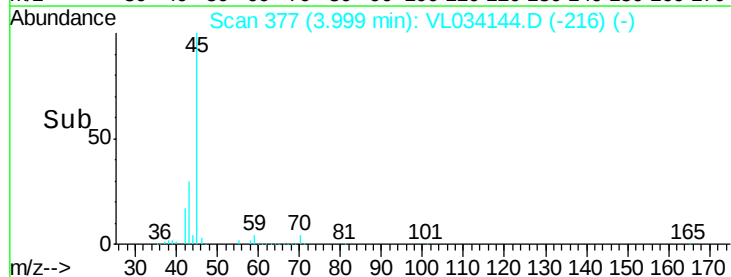
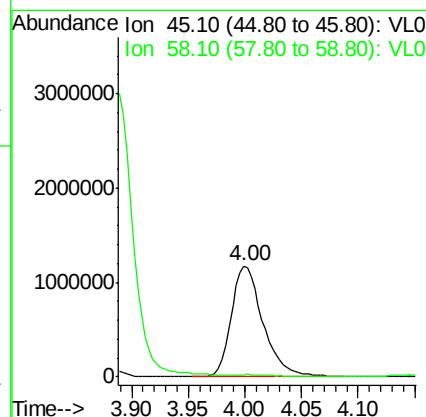
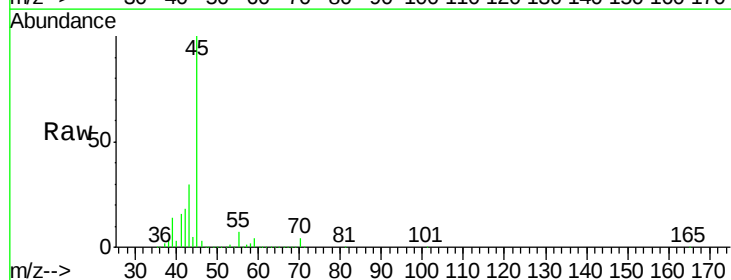
Manual Integrations
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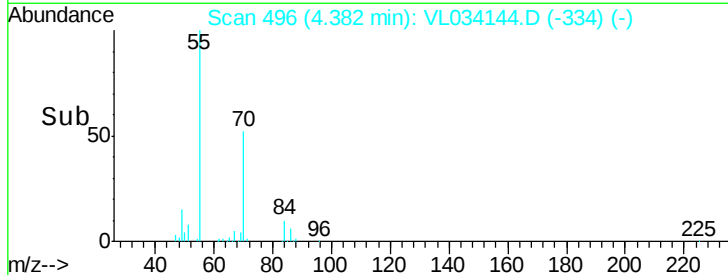
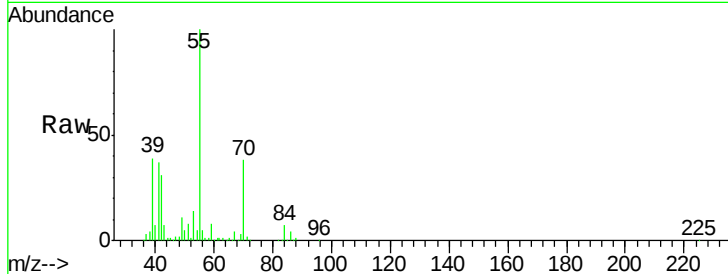
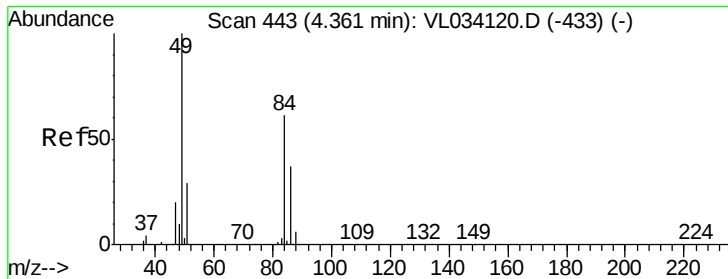
MMDadoda
 9/12/2019 5:16:50 AM



#19
 Isopropyl Alcohol
 Concen: 39.721 ppbv
 RT: 4.00 min Scan# 377
 Delta R.T. 0.02 min
 Lab File: VL034144.D
 Acq: 10 Sep 2019 15:56

Tgt Ion: 45 Resp: 2294168
 Ion Ratio Lower Upper
 45 100
 58 0.0 1.0 1.6#





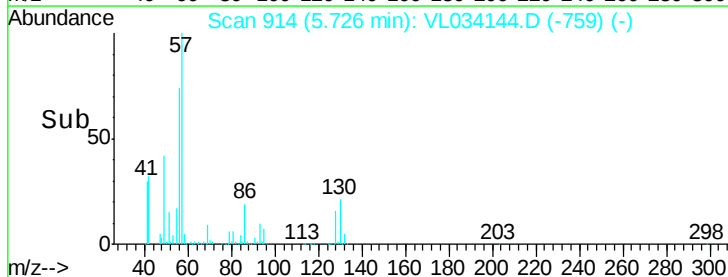
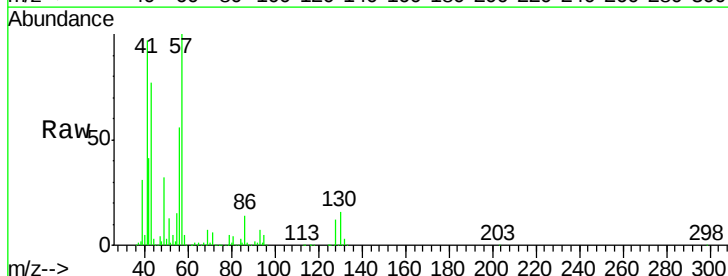
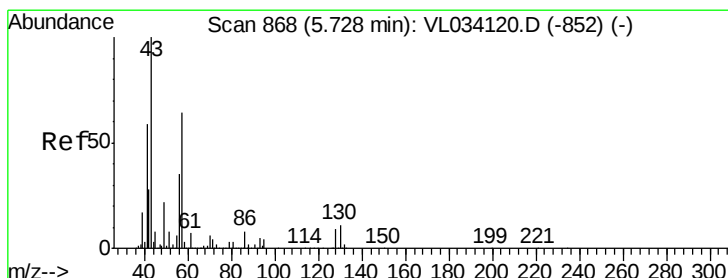
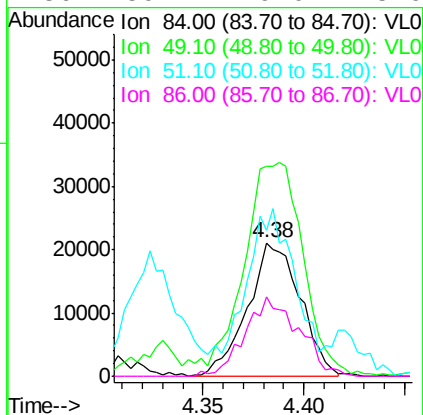
#20
Methvlene Chloride
Concen: 1.353 ppbv
RT: 4.38 min Scan# 496
Delta R.T. 0.02 min
Lab File: VL034144.D
Acq: 10 Sep 2019 15:56

Tot Ion	Ratio	Lower	Upper
84	100		
49	149.2	131.0	196.6
51	75.7	38.1	57.1#
86	59.4	49.0	73.6

Instrument :
MSVOA_L
ClientSampled :
SV1

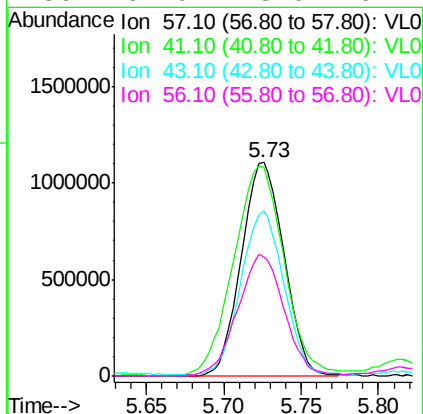
Manual Integrations
APPROVED

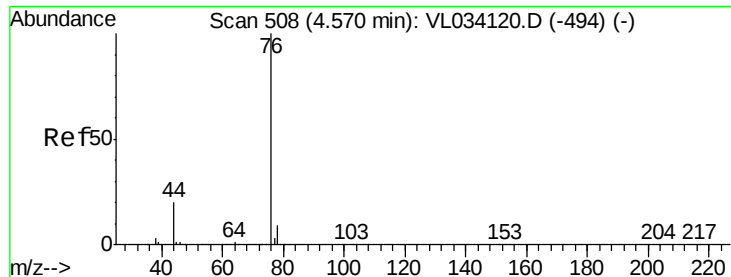
MMDadoda
9/12/2019 5:16:50 AM



#26
Hexane
Concen: 25.391 ppbv
RT: 5.73 min Scan# 914
Delta R.T. -0.00 min
Lab File: VL034144.D
Acq: 10 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
57	100		
41	115.9	76.6	115.0#
43	77.2	189.2	283.8#
56	62.0	43.0	64.4





#27

Carbon Disulfide

Concen: 12.993 ppbv

RT: 4.57 min Scan# 554

Delta R.T. -0.00 min

Lab File: VL034144.D

Acq: 10 Sep 2019 15:56

Instrument :

MSVOA_L

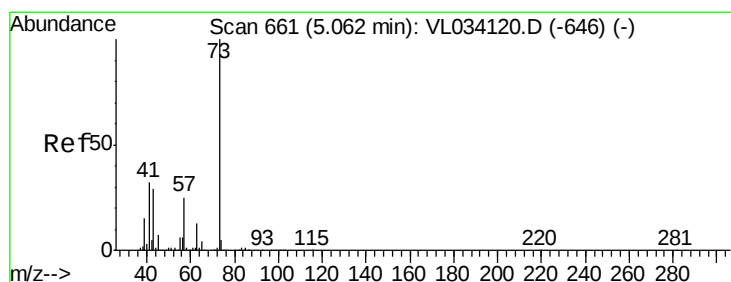
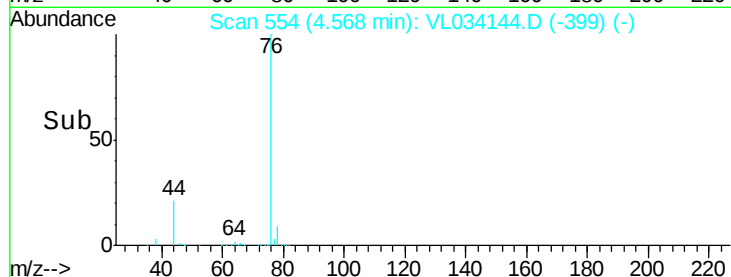
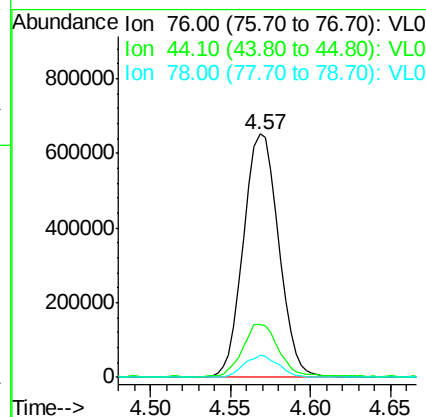
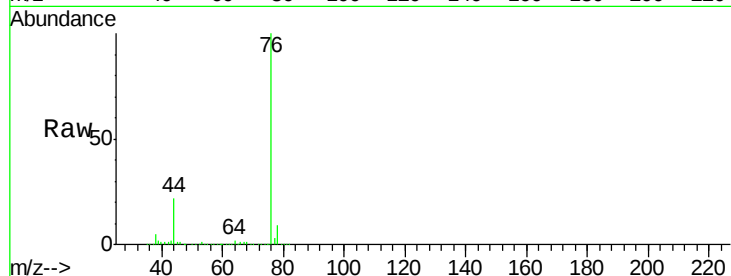
ClientSampleId :

SV1

Tot Ion:	76	Resp:	979263
Ion	Ratio	Lower	Upper
76	100		
44	22.3	17.6	26.4
78	8.9	7.3	10.9

Manual Integrations
APPROVED

MMDadoda
9/12/2019 5:16:50 AM



#28

Methyl tert-Butyl Ether

Concen: 0.623 ppbv m

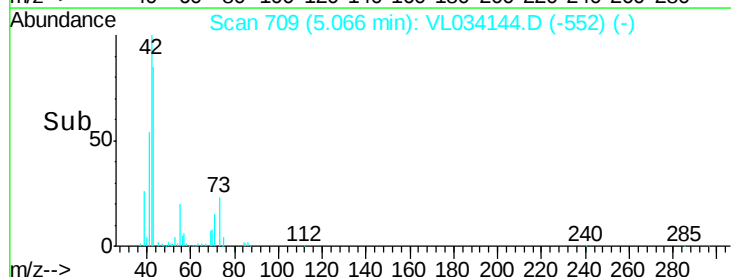
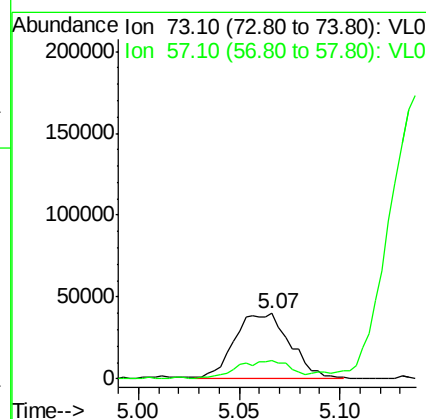
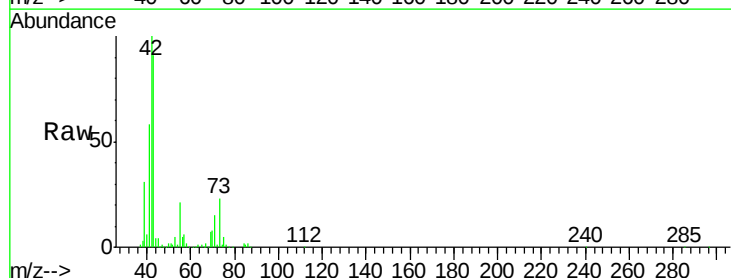
RT: 5.07 min Scan# 709

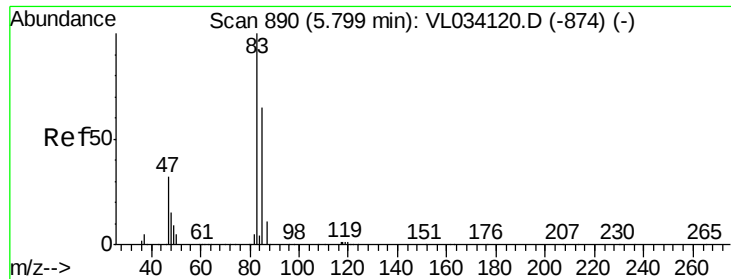
Delta R.T. 0.00 min

Lab File: VL034144.D

Acq: 10 Sep 2019 15:56

Tgt Ion:	73	Resp:	76247
Ion	Ratio	Lower	Upper
73	100		
57	386.7	19.8	29.8#





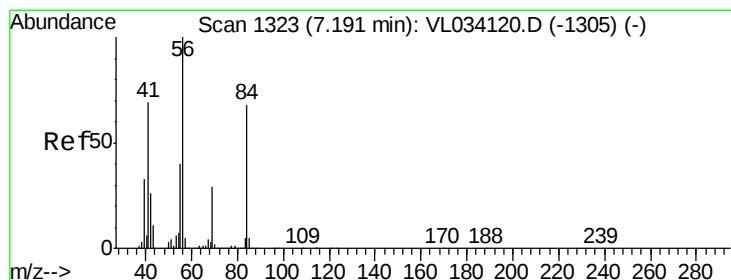
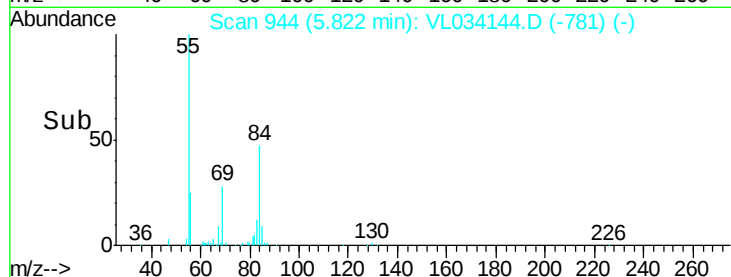
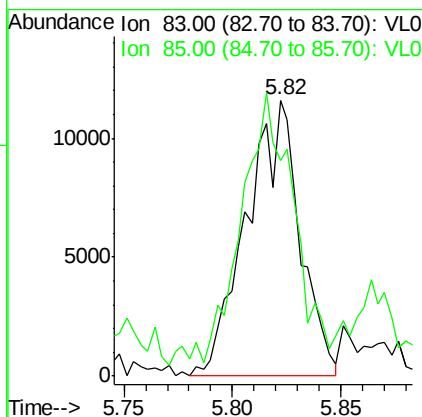
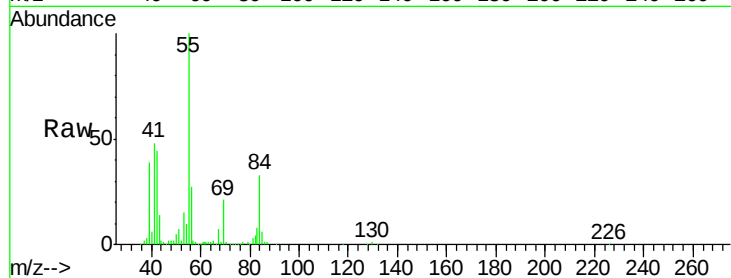
#29
Chloroform
Concen: 0.177 ppbv m
RT: 5.82 min Scan# 944
Delta R.T. 0.02 min
Lab File: VL034144.D
Acq: 10 Sep 2019 15:56

Instrument :
MSVOA_L
ClientSampled :
SV1

Tot Ion: 83 Resp: 19903
Ion Ratio Lower Upper
83 100
85 78.2 51.8 77.6#

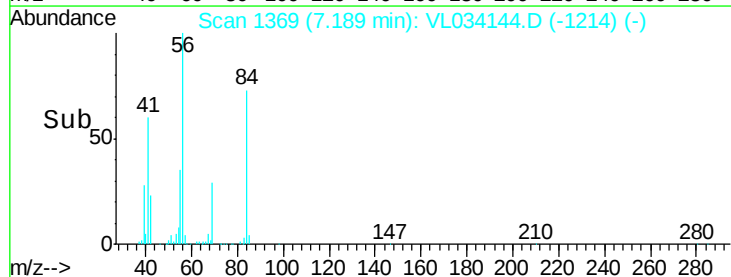
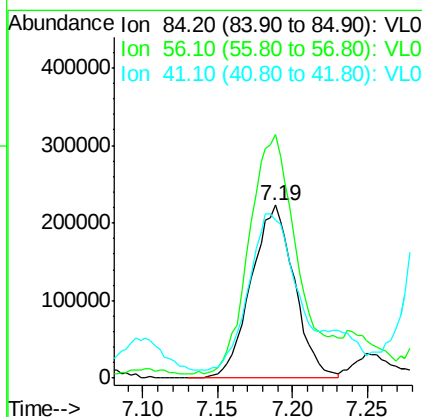
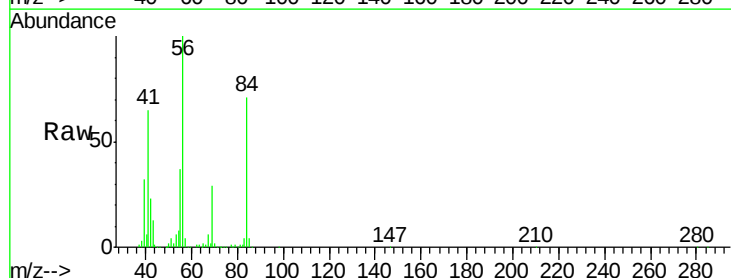
Manual Integrations
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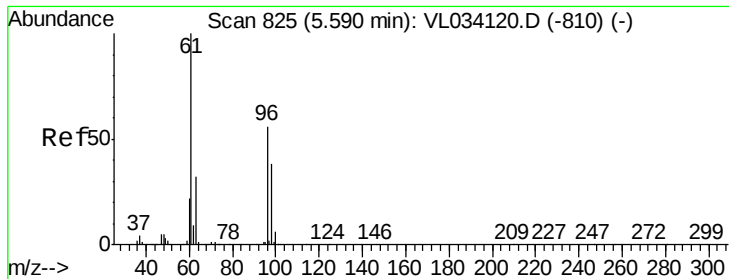
MMDadoda
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#30
Cyclohexane
Concen: 7.415 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VL034144.D
Acq: 10 Sep 2019 15:56

Tgt Ion: 84 Resp: 447666
Ion Ratio Lower Upper
84 100
56 177.3 122.6 183.8
41 123.5 79.1 118.7#





#31

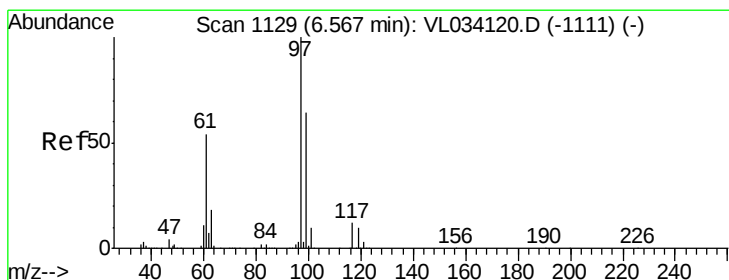
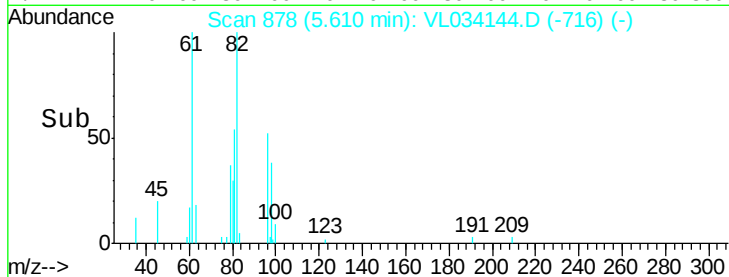
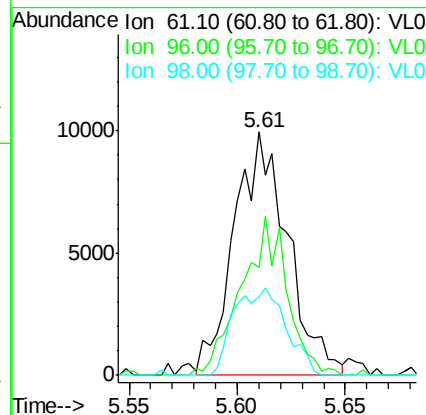
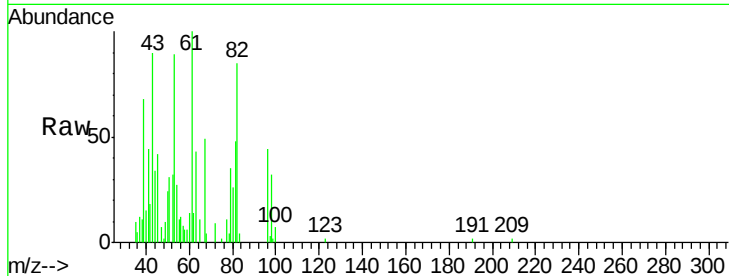
cis-1,2-Dichloroethene
Concen: 0.213 ppbv
RT: 5.61 min Scan# 878
Delta R.T. 0.02 min
Lab File: VL034144.D
Acq: 10 Sep 2019 15:56

Instrument :
MSVOA_L
ClientSampled :
SV1

Tot Ion	Ratio	Resp	Lower	Upper
61	100	17064		
96	44.4		44.4	66.6#
98	32.3		30.0	45.0

Manual Integrations
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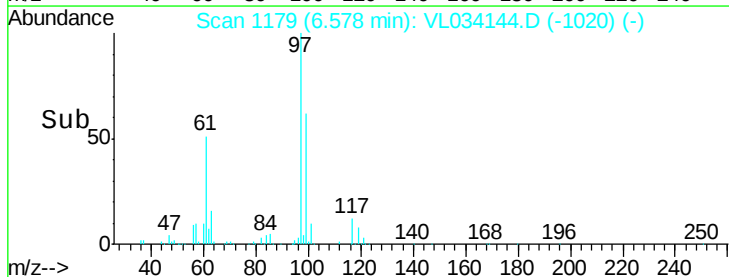
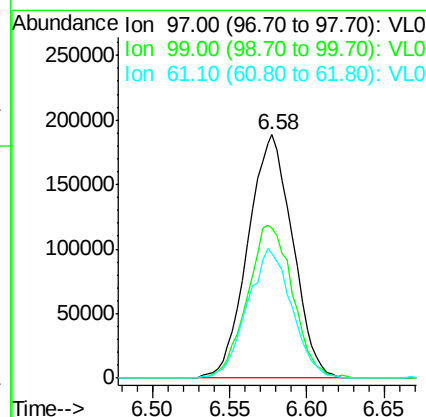
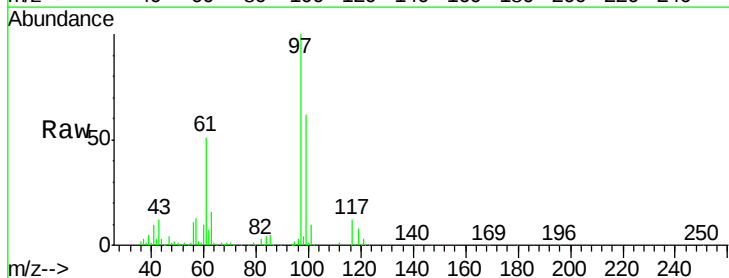
MMDadoda
9/12/2019 5:16:50 AM

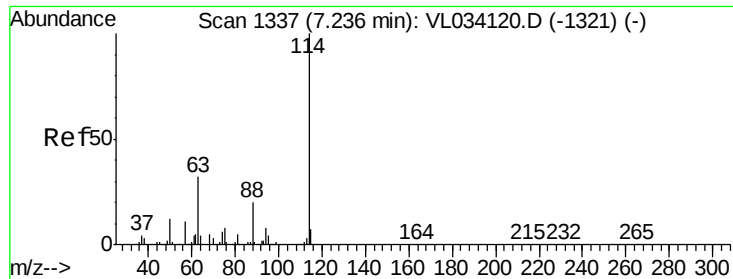


#32

1,1,1-Trichloroethane
Concen: 3.535 ppbv
RT: 6.58 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VL034144.D
Acq: 10 Sep 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	376234		
99	64.1		51.7	77.5
61	53.6		44.0	66.0





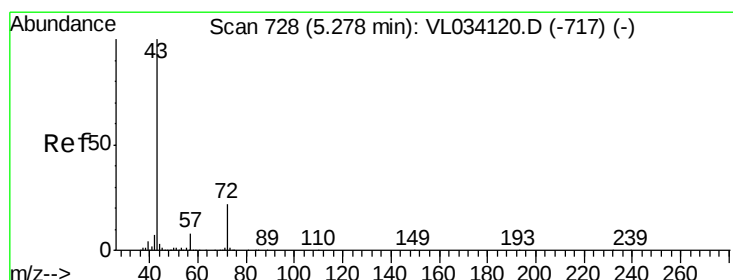
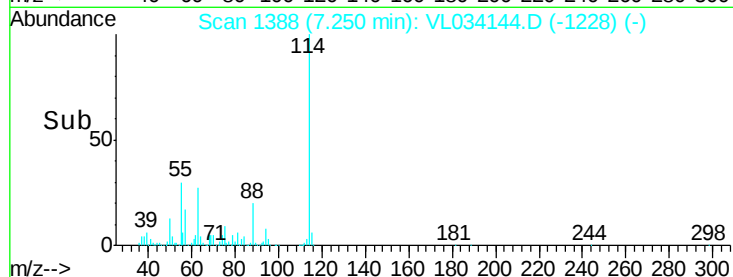
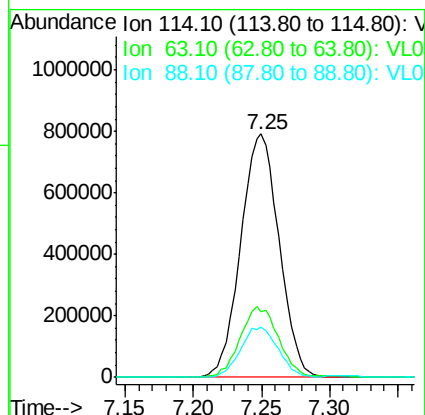
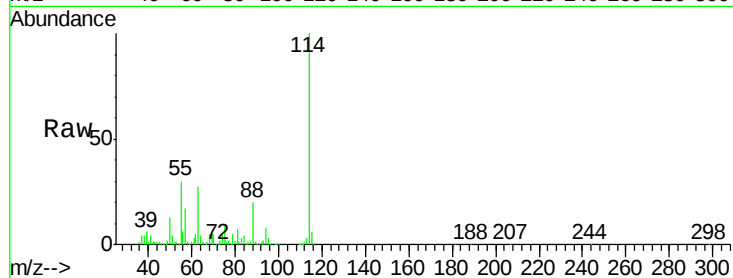
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: VL034144.D
 Acq: 10 Sep 2019 15:56

Instrument :
 MSVOA_L
 ClientSampled :
 SV1

Tot Ion	Ratio	Lower	Upper
114	100		
63	30.1	25.5	38.3
88	21.0	16.8	25.2

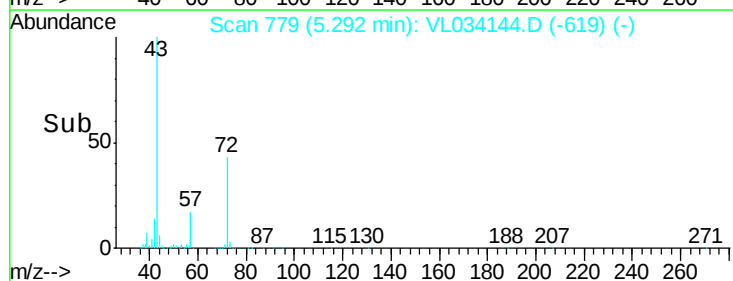
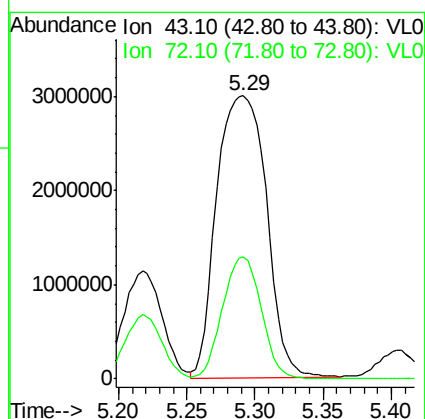
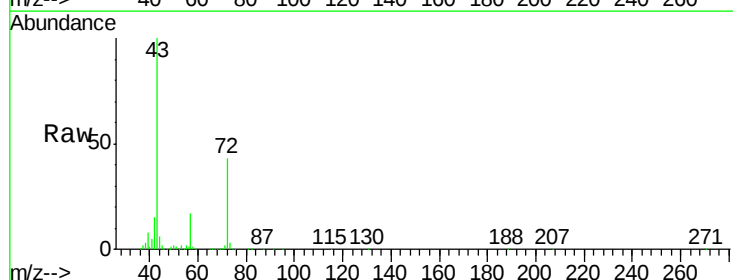
Manual Integrations
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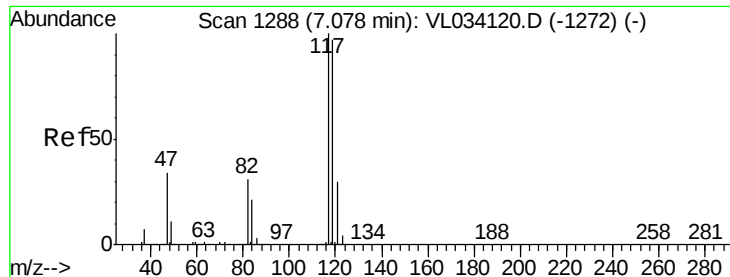
MMDadoda
 9/12/2019 5:16:50 AM



#34
 2-Butanone
 Concen: 51.156 ppbv
 RT: 5.29 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: VL034144.D
 Acq: 10 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
43	100		
72	33.7	16.5	24.7





#35

Carbon Tetrachloride

Concen: 0.030 ppbv m

RT: 7.08 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VL034144.D

Acq: 10 Sep 2019 15:56

Instrument :

MSVOA_L

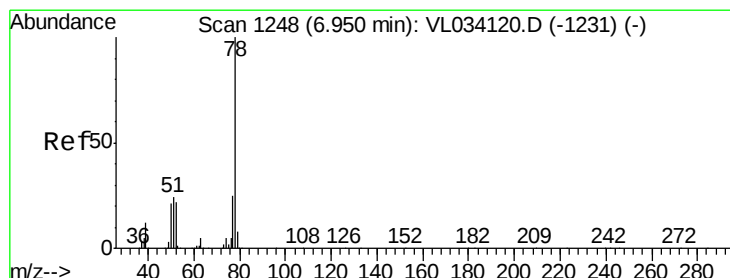
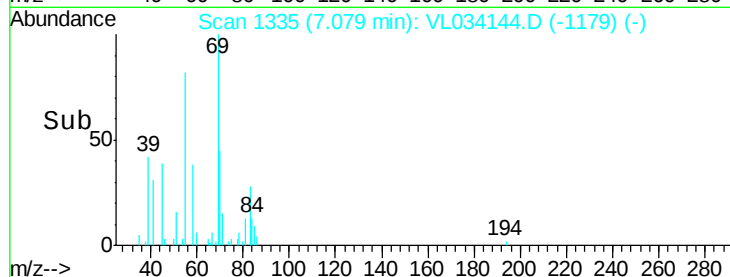
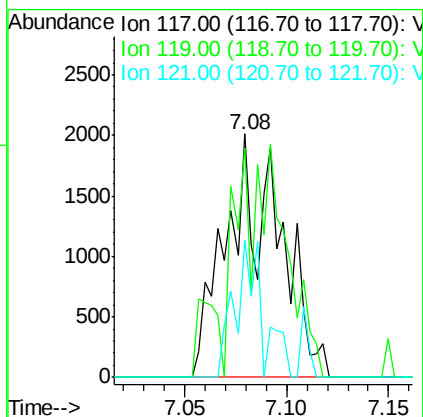
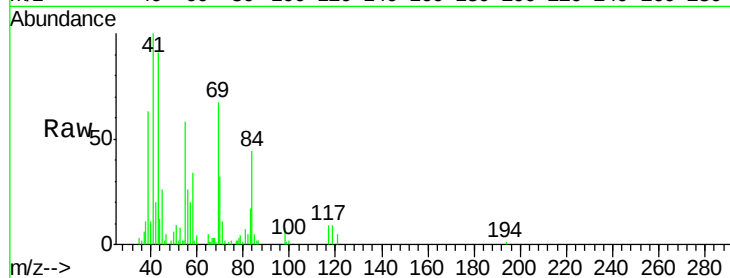
ClientSampled :

SV1

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.2	115.8
121	56.6	24.2	36.4

Manual Integrations
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MMDadoda
9/12/2019 5:16:50 AM



#36

Benzene

Concen: 7.366 ppbv

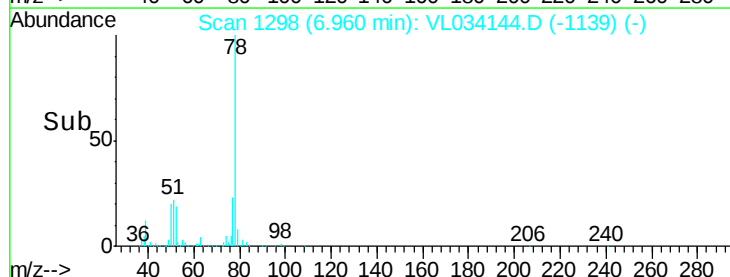
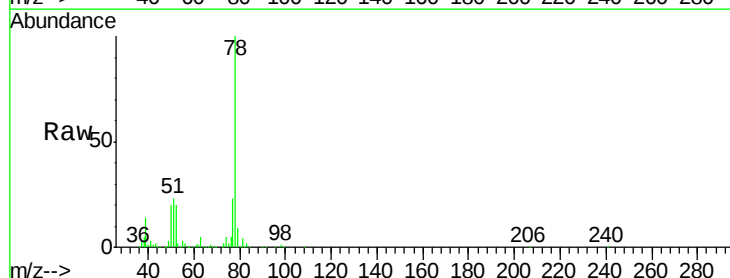
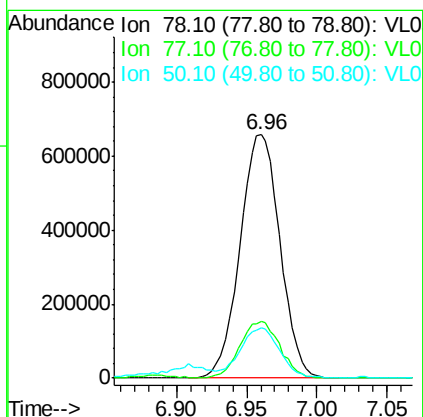
RT: 6.96 min Scan# 1298

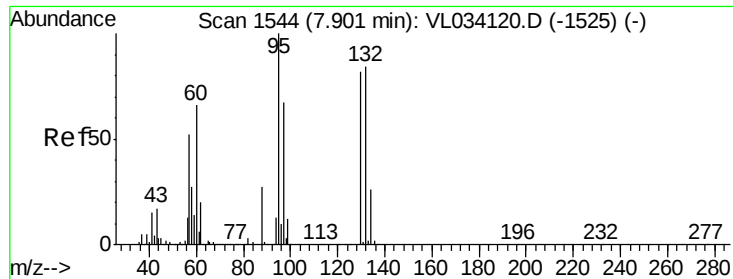
Delta R.T. 0.01 min

Lab File: VL034144.D

Acq: 10 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	20.3	30.5
50	20.1	16.9	25.3





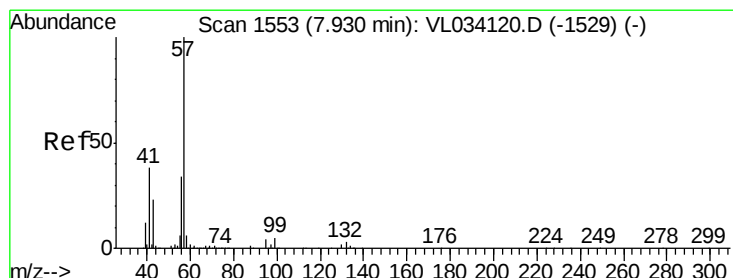
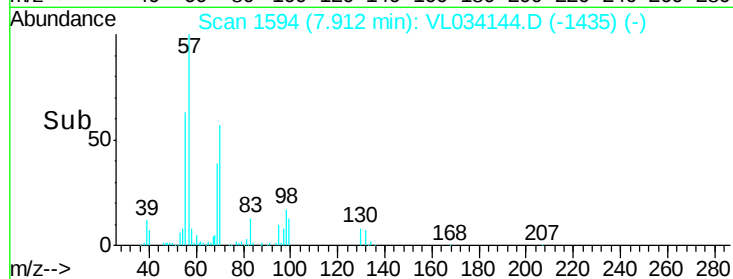
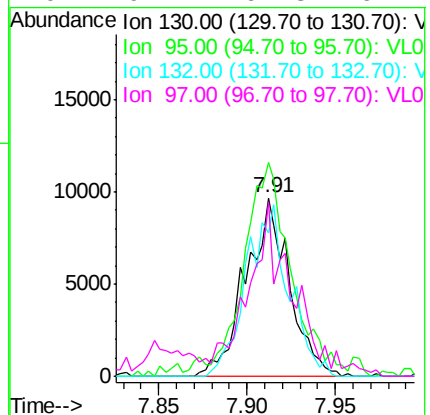
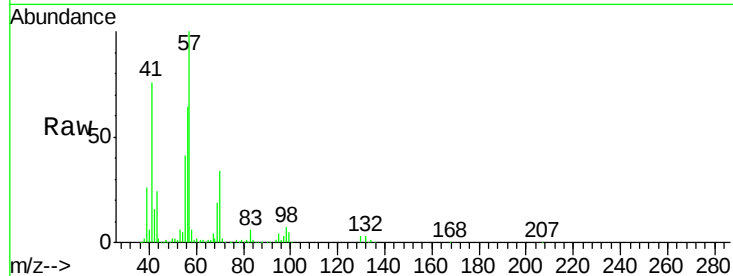
#38
 Trichloroethene
 Concen: 0.250 ppbv m
 RT: 7.91 min Scan# 1594
 Delta R.T. 0.01 min
 Lab File: VL034144.D
 Acq: 10 Sep 2019 15:56

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Tot Ion	Ratio	Resp	Lower	Upper
130	100	16493		
95	119.9		97.2	145.8
132	80.2		81.4	122.2#
97	97.4		64.8	97.2#

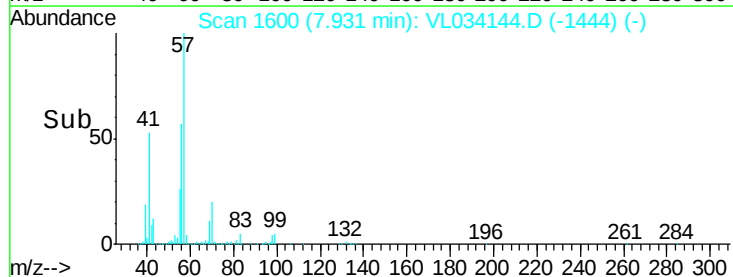
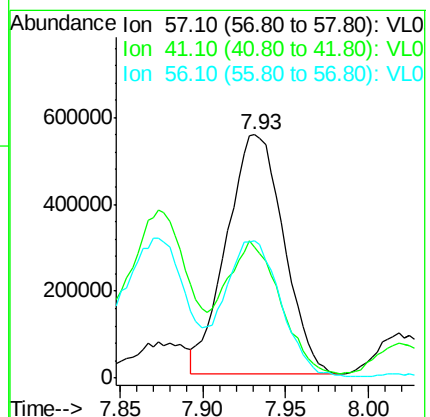
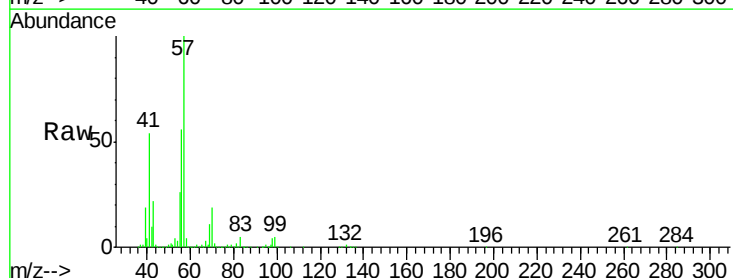
Manual Integrations
 APPROVED

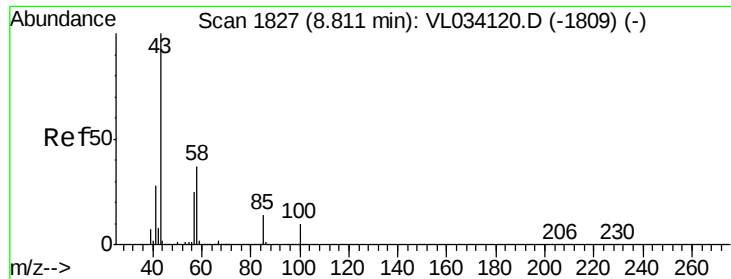
MMDadoda
 9/12/2019 5:16:50 AM



#44
 2,2,4-Trimethylpentane
 Concen: 4.060 ppbv
 RT: 7.93 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VL034144.D
 Acq: 10 Sep 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
57	100	1323058		
41	55.8		28.4	42.6#
56	56.6		26.3	39.5#





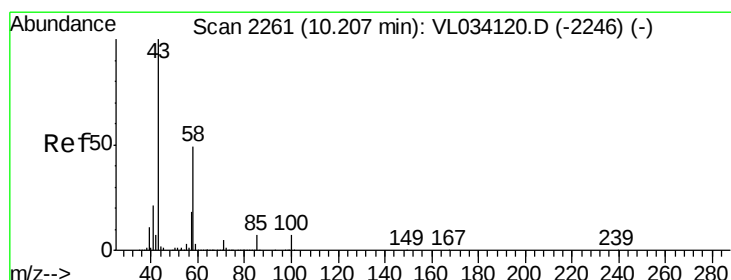
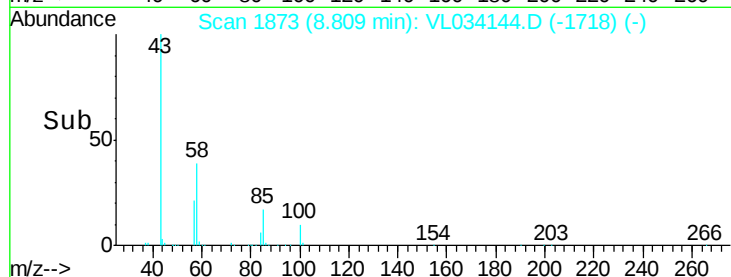
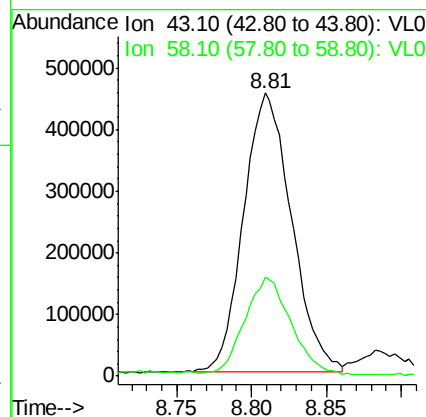
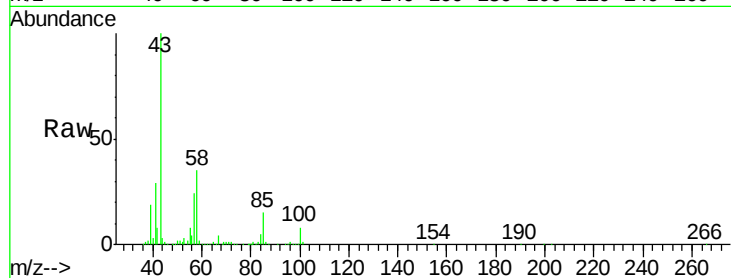
#50
4-Methyl-2-Pentanone
Concen: 4.440 ppbv
RT: 8.81 min Scan# 1873
Delta R.T. -0.00 min
Lab File: VL034144.D
Acq: 10 Sep 2019 15:56

Instrument :
MSVOA_L
ClientSampled :
SV1

Tot Ion: 43 Resp: 1007195
Ion Ratio Lower Upper
43 100
58 36.3 28.5 42.7

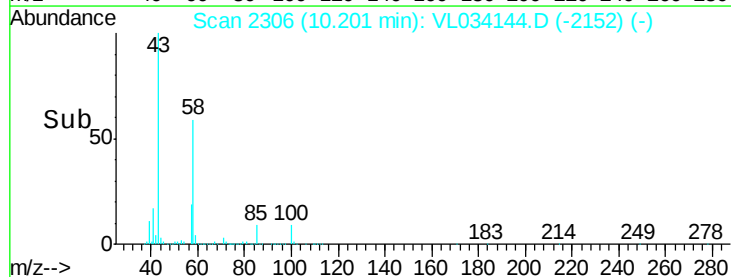
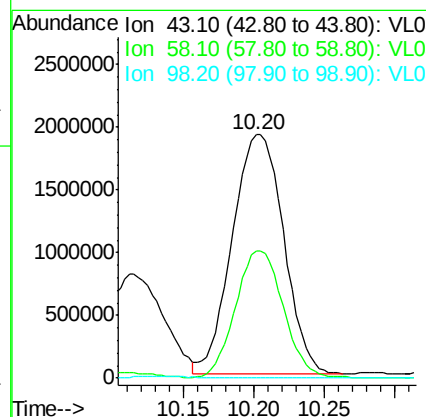
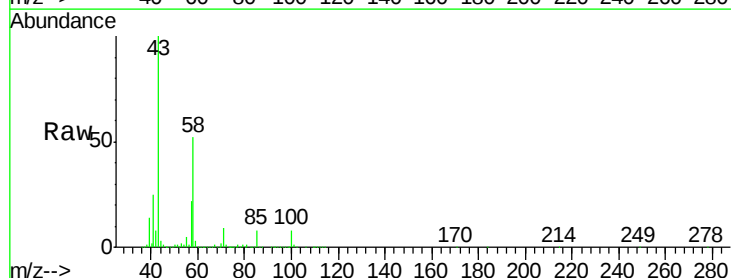
Manual Integrations
APPROVED

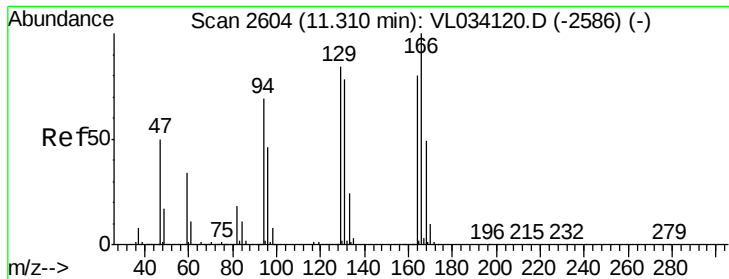
MMDadoda
9/12/2019 5:16:50 AM



#51
2-Hexanone
Concen: 24.803 ppbv
RT: 10.20 min Scan# 2306
Delta R.T. -0.01 min
Lab File: VL034144.D
Acq: 10 Sep 2019 15:56

Tgt Ion: 43 Resp: 4860101
Ion Ratio Lower Upper
43 100
58 49.8 38.2 57.2
98 0.0 0.1 0.1#





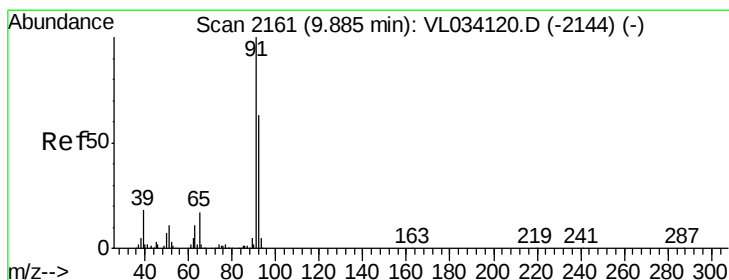
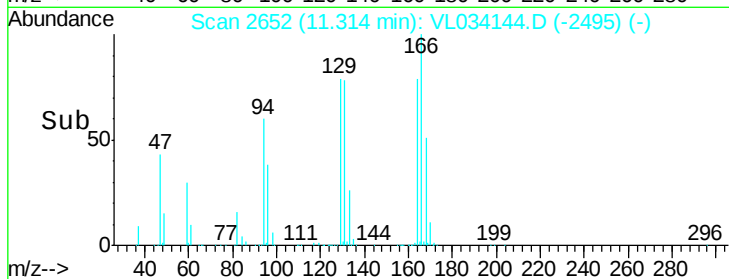
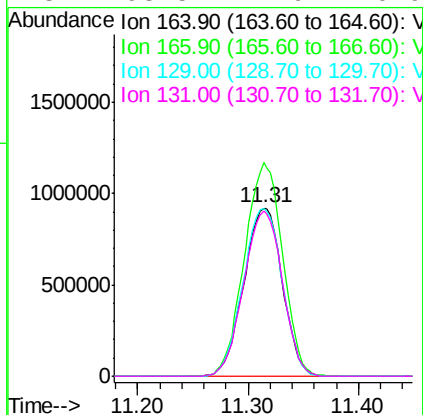
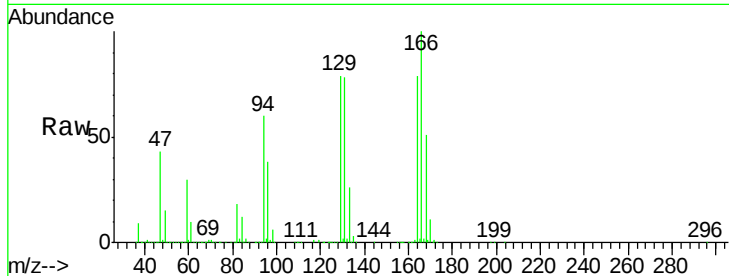
#52
Tetrachloroethene
Concen: 35.707 ppbv
RT: 11.31 min Scan# 2652
Delta R.T. 0.00 min
Lab File: VL034144.D
Acq: 10 Sep 2019 15:56

Instrument :
MSVOA_L
ClientSampled :
SV1

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.0	99.5	149.3
129	99.8	83.6	125.4
131	98.5	77.9	116.9

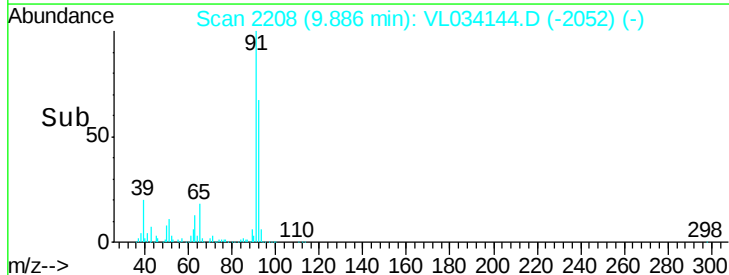
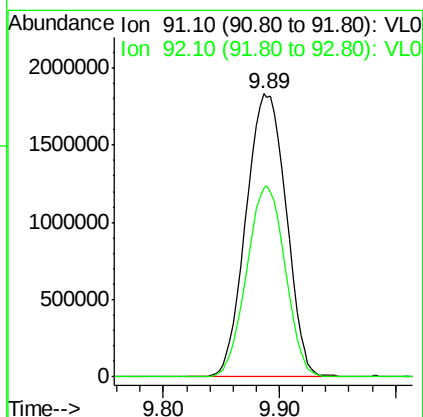
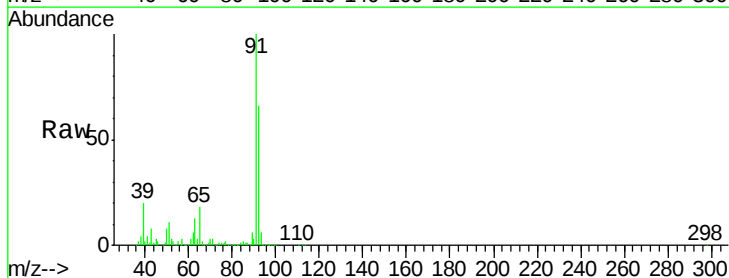
Manual Integrations
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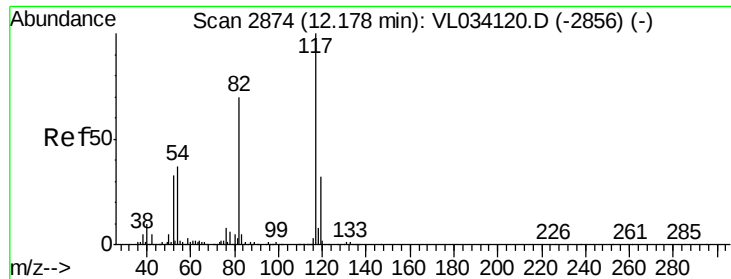
MMDadoda
9/12/2019 5:16:50 AM



#53
Toluene
Concen: 22.593 ppbv
RT: 9.89 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VL034144.D
Acq: 10 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
91	100		
92	64.7	49.3	73.9





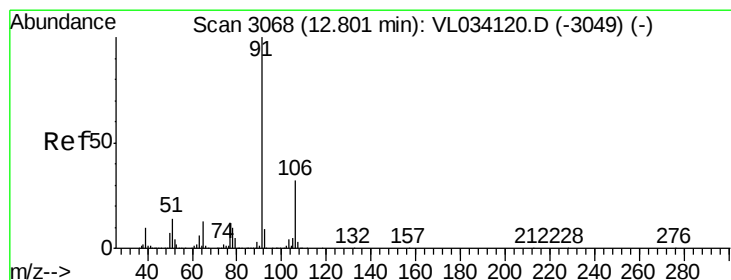
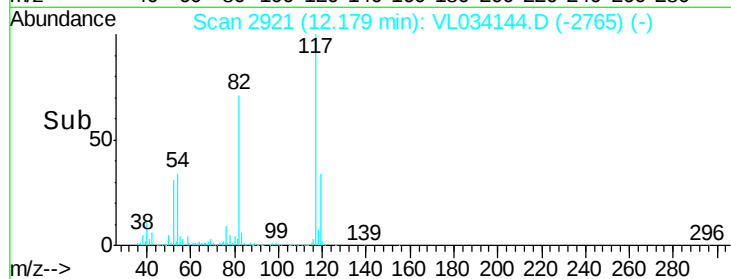
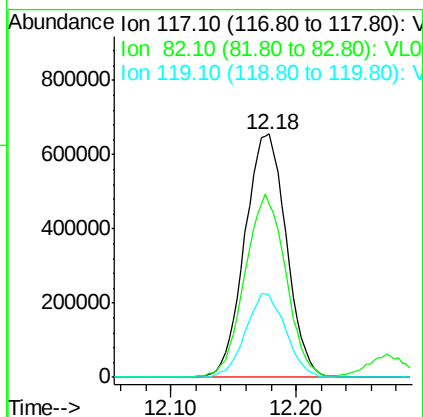
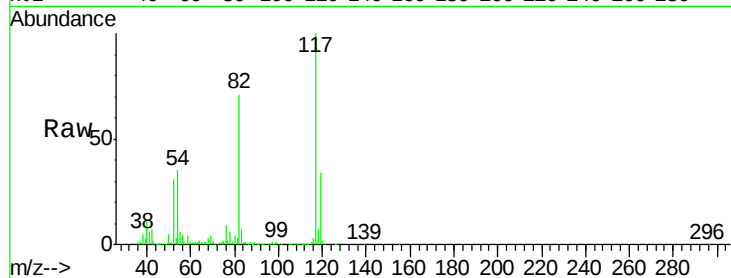
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.18 min Scan# 2921
Delta R.T. 0.00 min
Lab File: VL034144.D
Acq: 10 Sep 2019 15:56

Instrument :
MSVOA_L
ClientSampled :
SV1

Tot Ion	Ratio	Lower	Upper
117	100		
82	74.2	55.8	83.6
119	33.3	43.1	64.7#

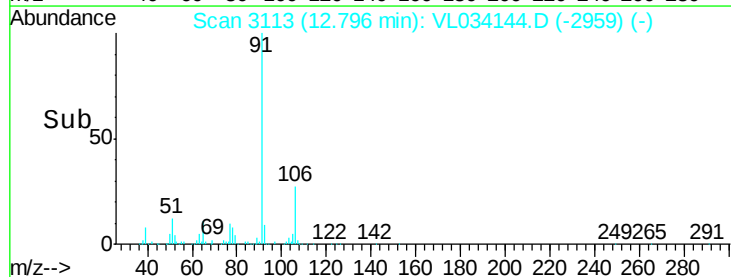
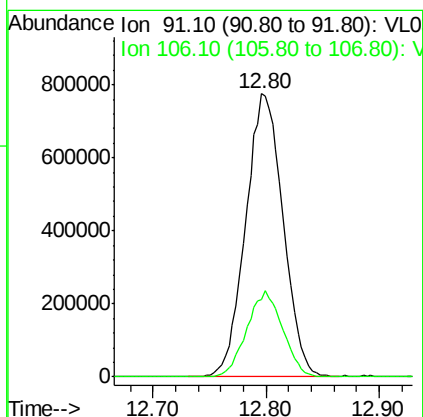
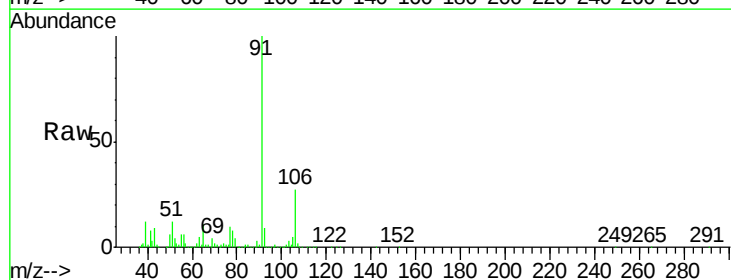
Manual Integrations
APPROVED

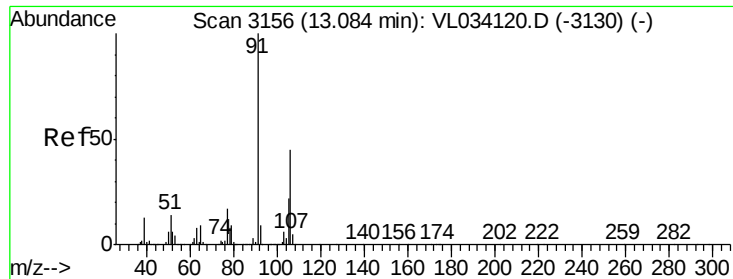
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#58
Ethyl Benzene
Concen: 7.179 ppbv
RT: 12.80 min Scan# 3113
Delta R.T. -0.01 min
Lab File: VL034144.D
Acq: 10 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
91	100		
106	27.2	25.3	37.9





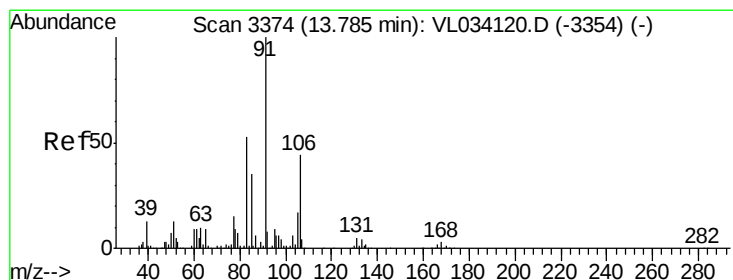
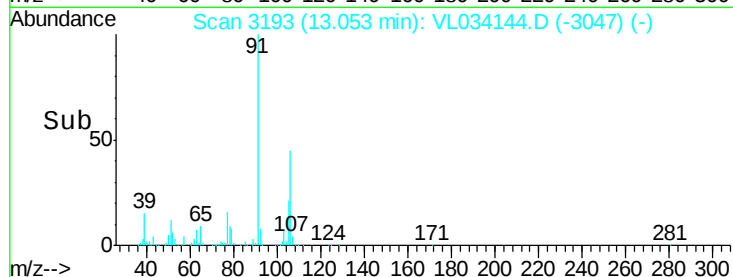
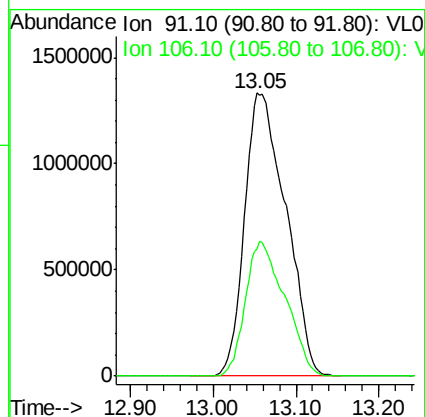
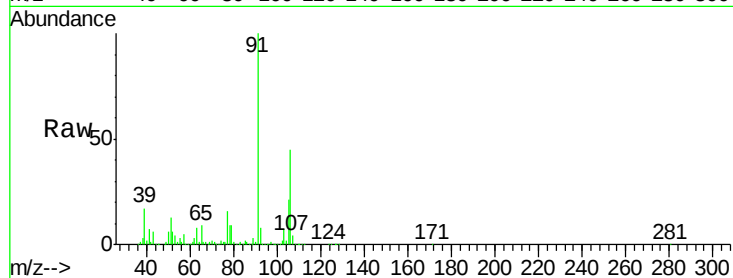
#59
m/p-Xylene
Concen: 22.665 ppbv
RT: 13.05 min Scan# 3193
Delta R.T. -0.03 min
Lab File: VL034144.D
Acq: 10 Sep 2019 15:56

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tot Ion: 91 Resp: 4578907
Ion Ratio Lower Upper
91 100
106 45.9 35.4 53.2

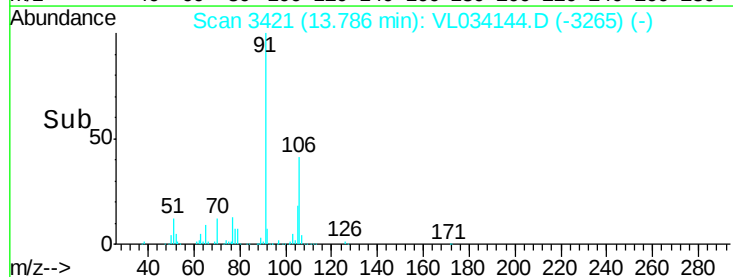
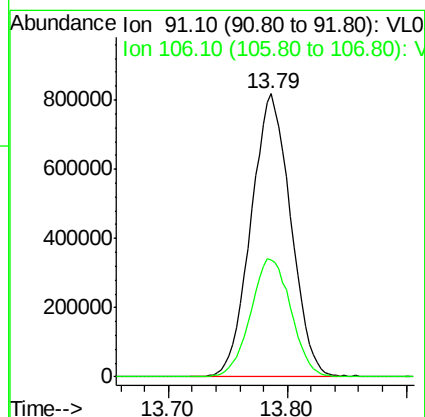
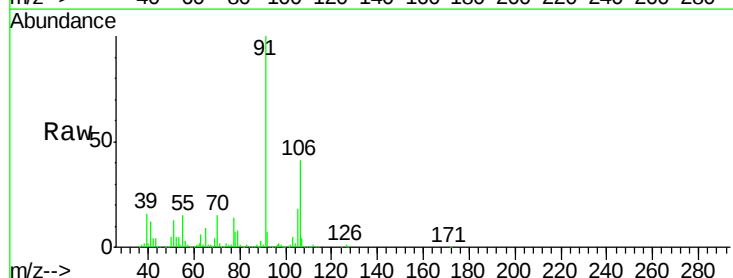
Manual Integrations
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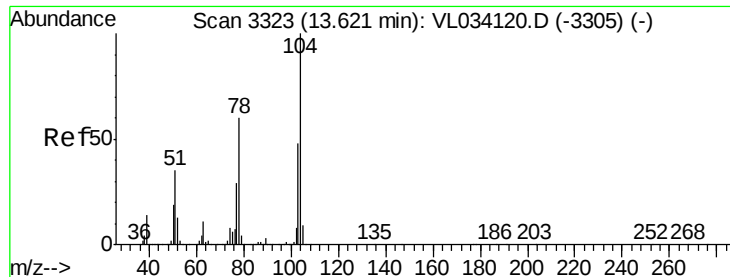
MMDadoda
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#60
o-Xylene
Concen: 9.351 ppbv
RT: 13.79 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VL034144.D
Acq: 10 Sep 2019 15:56

Tgt Ion: 91 Resp: 1881485
Ion Ratio Lower Upper
91 100
106 42.6 21.4 64.3





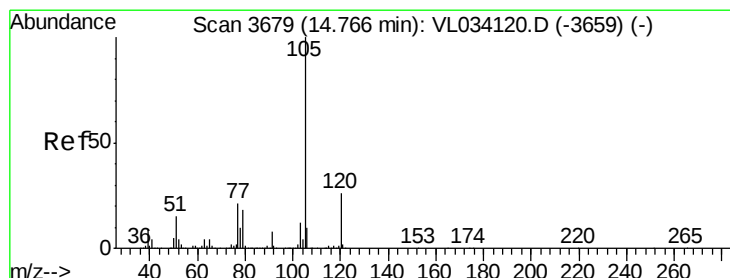
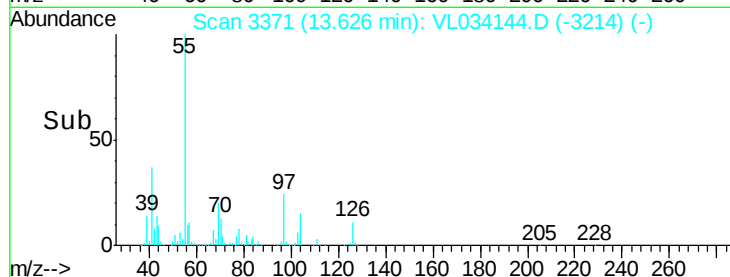
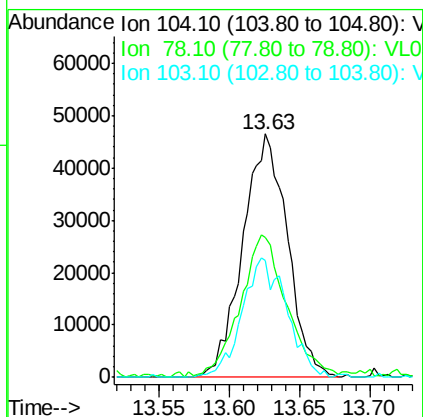
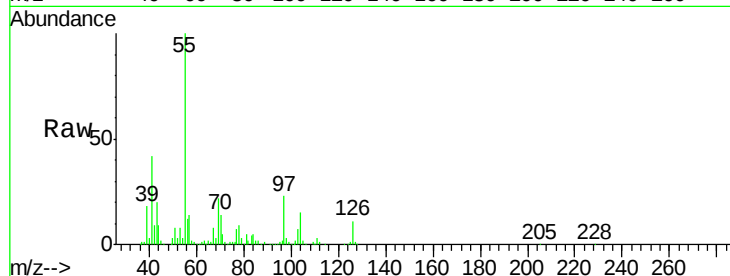
#61
Stvrene
Concen: 0.684 ppbv
RT: 13.63 min Scan# 3371
Delta R.T. 0.00 min
Lab File: VL034144.D
Acq: 10 Sep 2019 15:56

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tot Ion	Ratio	Lower	Upper
104	100		
78	62.7	47.8	71.6
103	49.5	38.7	58.1

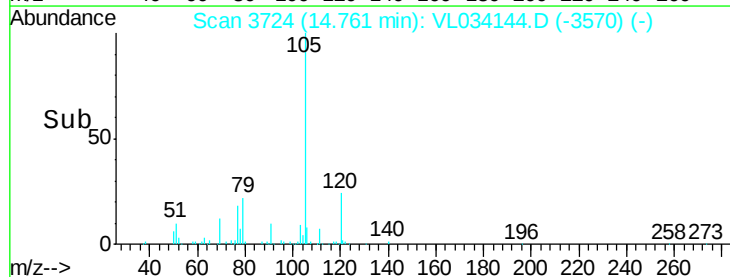
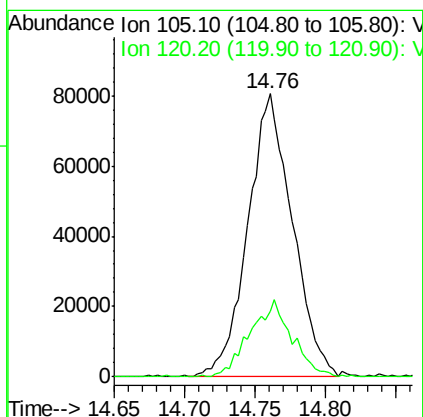
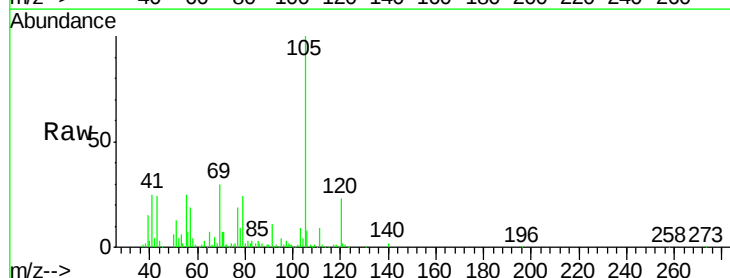
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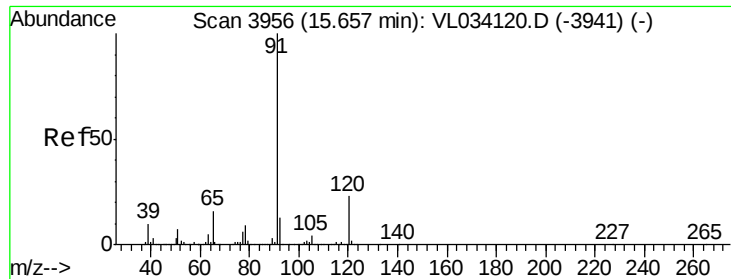
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#62
Isopropylbenzene
Concen: 0.679 ppbv
RT: 14.76 min Scan# 3724
Delta R.T. -0.01 min
Lab File: VL034144.D
Acq: 10 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.6	31.0





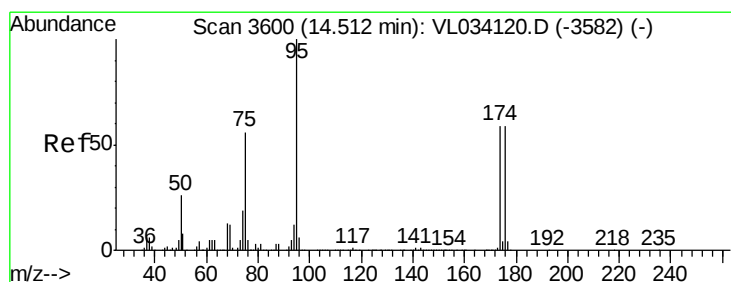
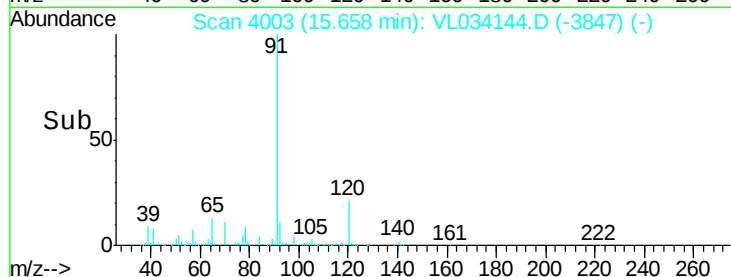
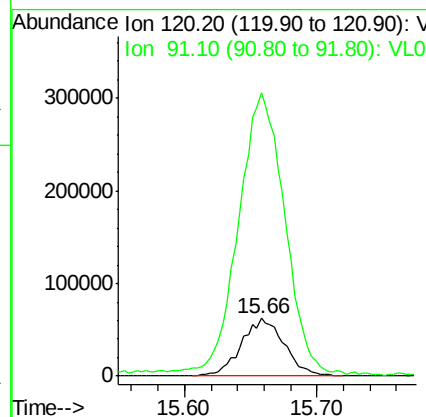
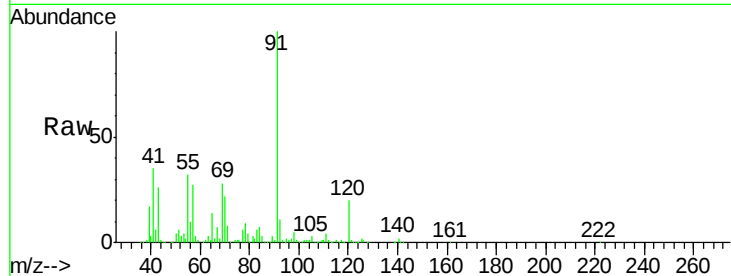
#64
n-propylbenzene
Concen: 2.148 ppbv
RT: 15.66 min Scan# 4003
Delta R.T. 0.00 min
Lab File: VL034144.D
Acq: 10 Sep 2019 15:56

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tot Ion	Ratio	Lower	Upper
120	100		
91	538.1	376.8	565.2

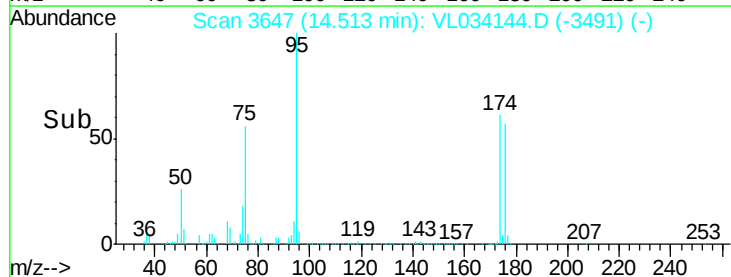
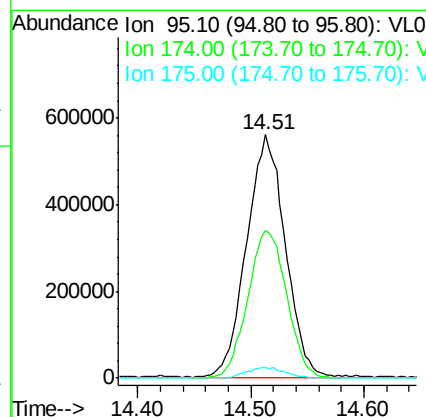
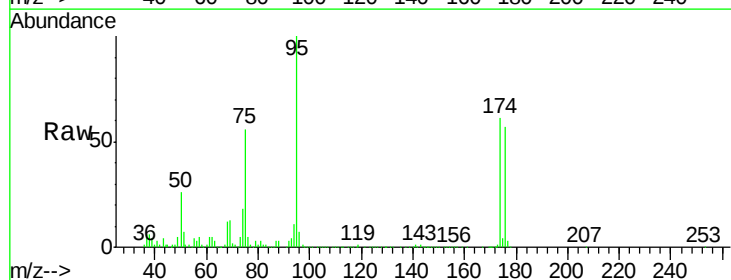
Manual Integrations
APPROVED

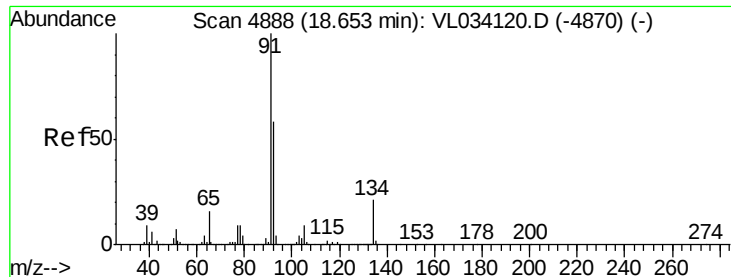
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.750 ppbv
RT: 14.51 min Scan# 3647
Delta R.T. 0.00 min
Lab File: VL034144.D
Acq: 10 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	61.3	48.1	72.1
175	4.4	3.5	5.3





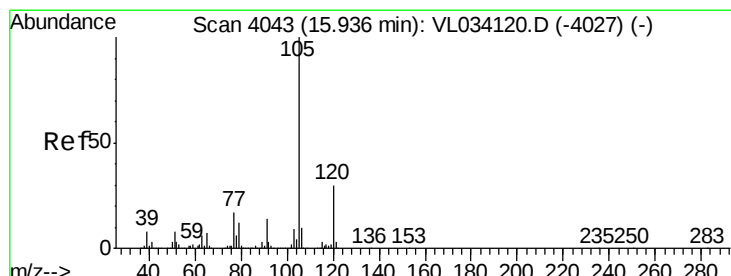
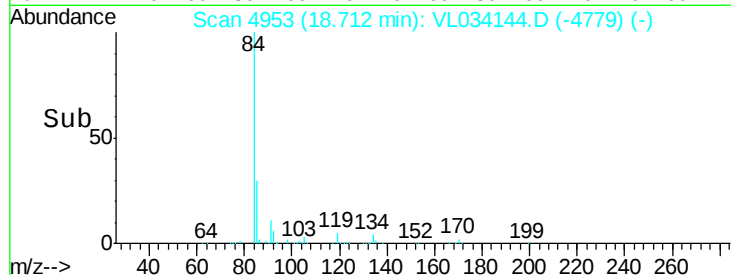
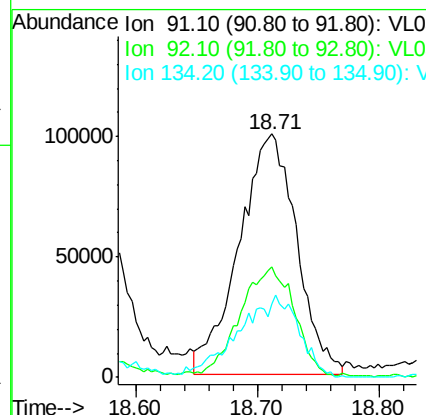
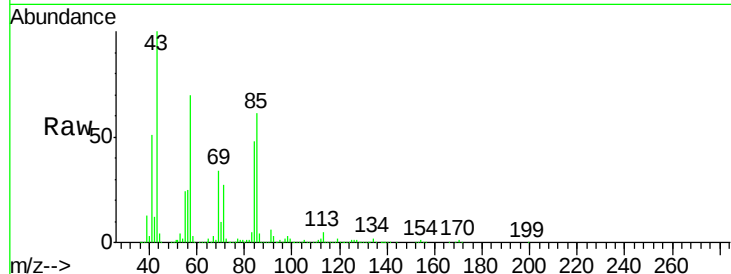
#70
n-Butylbenzene
Concen: 1.112 ppbv m
RT: 18.71 min Scan# 4953
Delta R.T. 0.06 min
Lab File: VL034144.D
Acq: 10 Sep 2019 15:56

Instrument :
MSVOA_L
ClientSampled :
SV1

Tot Ion	Ratio	Resp	Lower	Upper
91	100	328940		
92	0.0	45.3	67.9#	
134	0.0	17.4	26.0#	

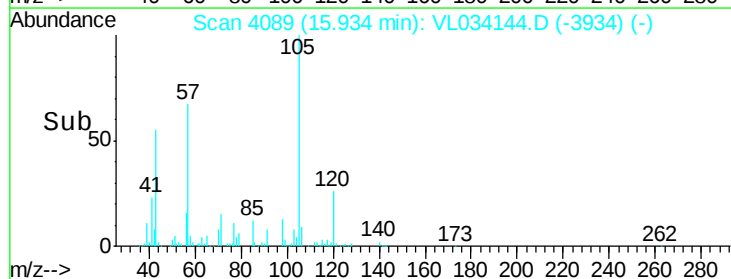
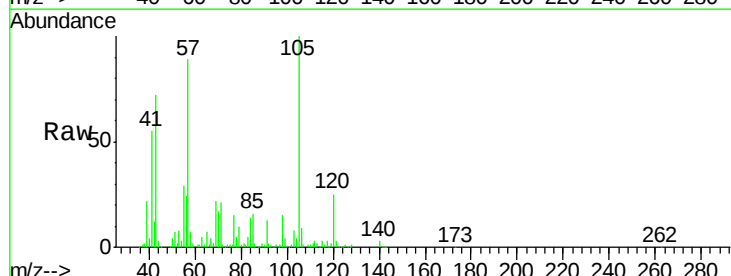
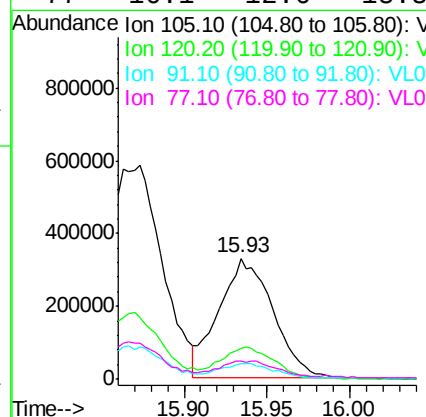
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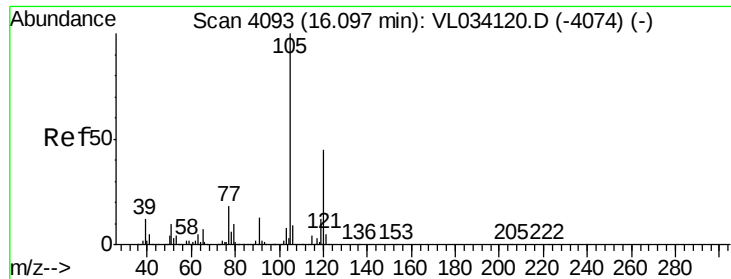
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#72
4-Ethyltoluene
Concen: 3.269 ppbv
RT: 15.93 min Scan# 4089
Delta R.T. -0.00 min
Lab File: VL034144.D
Acq: 10 Sep 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	742068		
120	26.6	23.8	35.6	
91	13.5	11.4	17.0	
77	16.1	12.6	18.8	





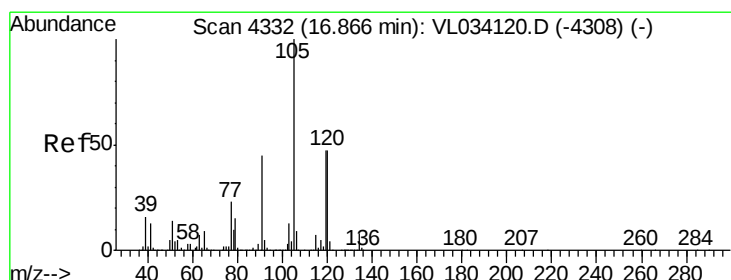
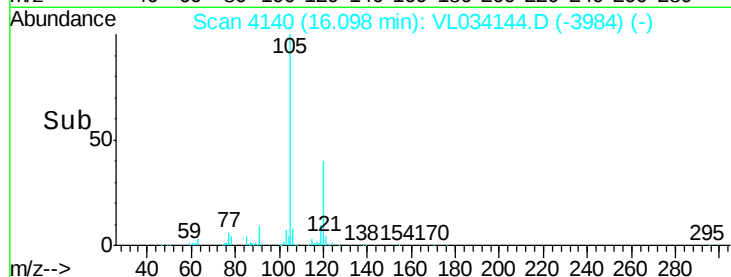
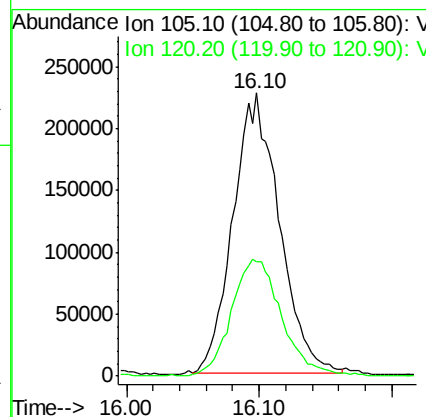
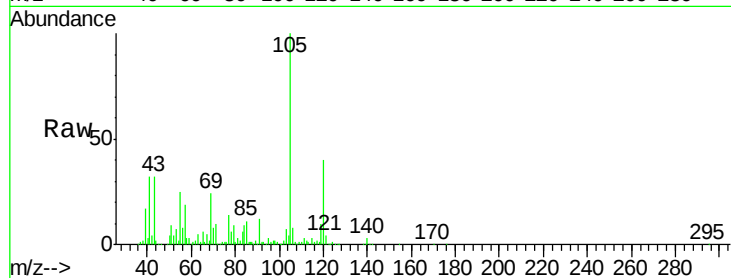
#73
 1,3,5-Trimethylbenzene
 Concen: 2.469 ppbv
 RT: 16.10 min Scan# 4140
 Delta R.T. 0.00 min
 Lab File: VL034144.D
 Acq: 10 Sep 2019 15:56

Instrument :
 MSVOA_L
 ClientSampled :
 SV1

Tot Ion	Ratio	Lower	Upper
105	100		
120	40.1	35.8	53.8

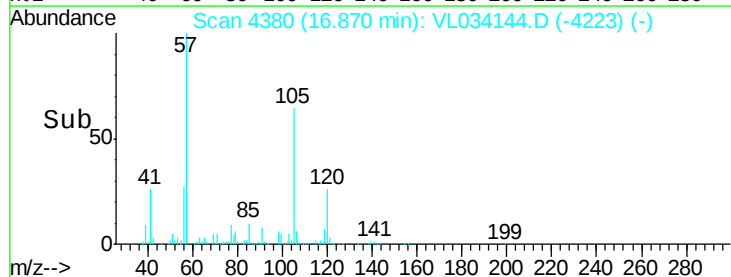
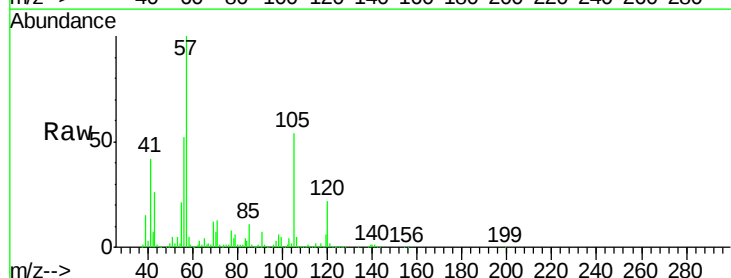
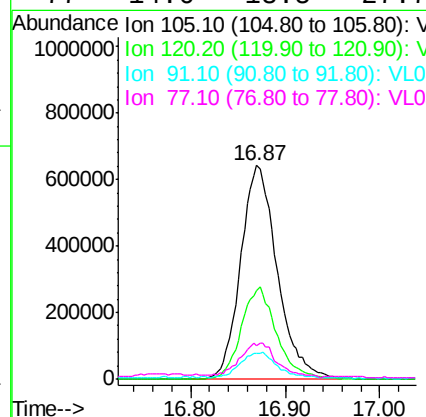
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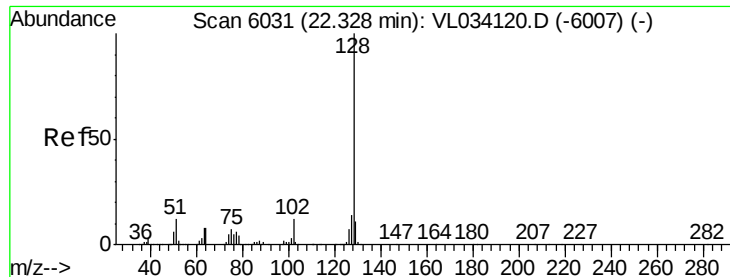
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#74
 1,2,4-Trimethylbenzene
 Concen: 7.588 ppbv
 RT: 16.87 min Scan# 4380
 Delta R.T. 0.00 min
 Lab File: VL034144.D
 Acq: 10 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	41.3	37.7	56.5
91	11.8	36.2	54.2#
77	14.6	18.5	27.7#





#79

Naphthalene

Concen: 0.196 ppbv m

RT: 22.34 min Scan# 6081

Delta R.T. 0.01 min

Lab File: VL034144.D

Acq: 10 Sep 2019 15:56

Instrument :

MSVOA_L

ClientSampleId :

SV1

Tot Ion:	128	Resp:	40298
Ion Ratio	Lower	Upper	
128	100		
127	69.6	10.9	16.3#
129	12.2	8.5	12.7

Manual Integrations
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