

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022620\
 Data File : VL034699.D
 Acq On : 26 Feb 2020 22:34
 Operator : SY/AP
 Sample : L1663-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EP-103

Manual Integrations
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MMDadoda
 2/27/2020 5:20:11 PM

Quant Time: Feb 27 16:03:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 27 16:03:54 2020
 QLast Update : Wed Feb 26 06:58:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	977588	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	2026667	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.13	117	2176031	10.00	ppbv	0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.47	95	1735134	9.72	ppbv	0.01	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	19613m	0.127	ppbv	
3) Chlorodifluoromethane	2.95	51	29422m	0.279	ppbv	
4) Chloromethane	3.11	50	31704	0.537	ppbv	99
9) Propene	2.99	41	28822	0.654	ppbv	89
10) Heptane	8.15	43	165736	1.460	ppbv	100
11) Trichlorofluoromethane	3.93	101	36128	0.267	ppbv #	80
13) Ethanol	3.63	45	15277093	1096.582	ppbv	92
15) Acetone	3.83	43	3550069	31.869	ppbv	97
17) tert-Butyl alcohol	4.34	59	756338m	8.860	ppbv	
19) Isopropyl Alcohol	4.00	45	7571329	114.107	ppbv #	98
20) Methylene Chloride	4.33	84	132948	3.209	ppbv	95
26) Hexane	5.69	57	237594	2.614	ppbv #	56
28) Methyl tert-Butyl Ether	5.01	73	96854m	0.746	ppbv	
29) Chloroform	5.76	83	17683m	0.122	ppbv	
30) Cyclohexane	7.16	84	61810m	0.878	ppbv	
34) 2-Butanone	5.24	43	467851	3.668	ppbv	99
35) Carbon Tetrachloride	7.03	117	12074m	0.089	ppbv	
36) Benzene	6.91	78	197993	1.131	ppbv	93
38) Trichloroethene	7.86	130	20309m	0.301	ppbv	
41) Tetrahydrofuran	6.06	42	201191	2.988	ppbv	100
44) 2,2,4-Trimethylpentane	7.89	57	389881	1.274	ppbv #	81
50) 4-Methyl-2-Pentanone	8.78	43	126522	0.700	ppbv	97
52) Tetrachloroethene	11.26	164	16618m	0.259	ppbv	
53) Toluene	9.84	91	1717770	9.227	ppbv	100
58) Ethyl Benzene	12.76	91	467881	1.777	ppbv	97
59) m/p-Xylene	13.01	91	1360965	5.927	ppbv	98
60) o-Xylene	13.74	91	536454	2.354	ppbv	99
61) Styrene	13.57	104	37616m	0.257	ppbv	
62) Isopropylbenzene	14.72	105	32433m	0.098	ppbv	
64) n-propylbenzene	15.62	120	28853m	0.337	ppbv	
69) p-Isopropyltoluene	17.72	119	821988	2.418	ppbv	99
70) n-Butylbenzene	18.63	91	60498m	0.163	ppbv	
72) 4-Ethyltoluene	15.89	105	164397	0.648	ppbv	95
73) 1,3,5-Trimethylbenzene	16.06	105	152866	0.627	ppbv	92
74) 1,2,4-Trimethylbenzene	16.82	105	615615	2.285	ppbv #	69
76) 1,4-Dichlorobenzene	17.20	146	46362m	0.298	ppbv	
79) Naphthalene	22.29	128	88652m	0.374	ppbv	

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

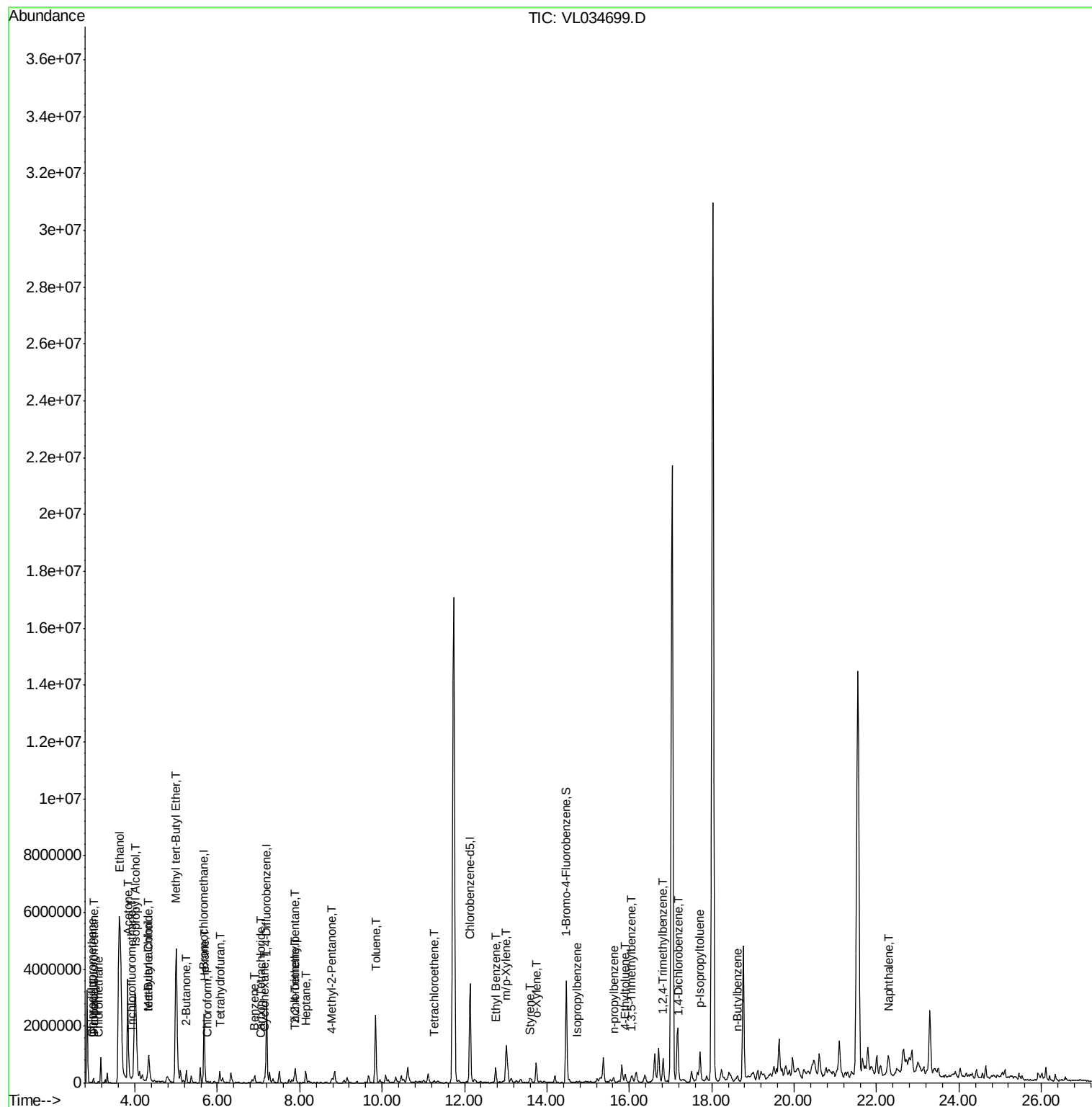
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL022620\
Data File : VL034699.D
Acq On : 26 Feb 2020 22:34
Operator : SY/AP
Sample : L1663-02
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

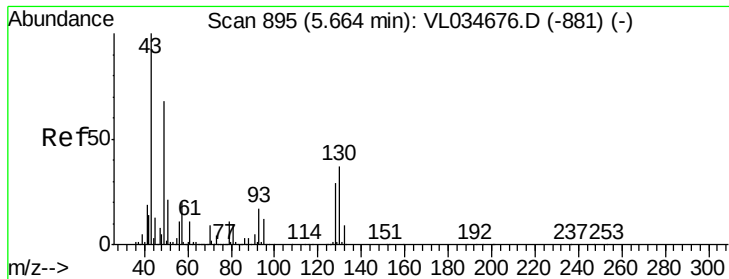
Instrument :
MSVOA_L
ClientSampleId :
EP-103

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Quant Time: Feb 27 16:03:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb
QLast Update : Wed Feb 26 06:58:15 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. 0.01 min

Lab File: VL034699.D

Acq: 26 Feb 2020 22:34

Instrument :

MSVOA_L

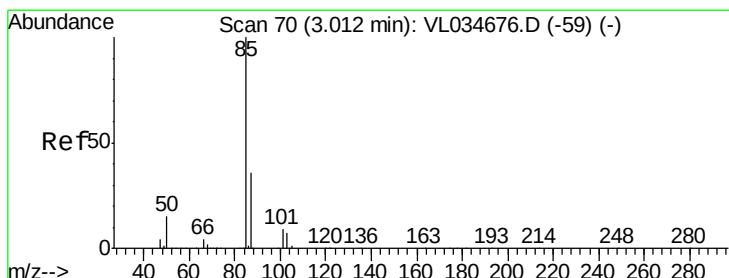
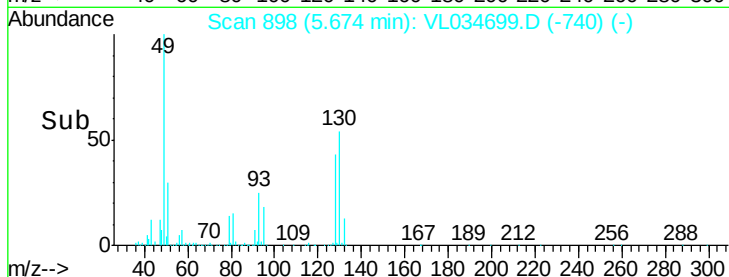
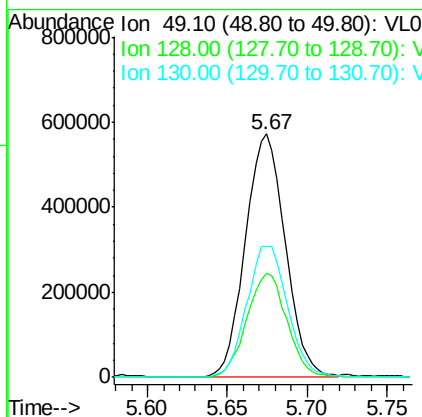
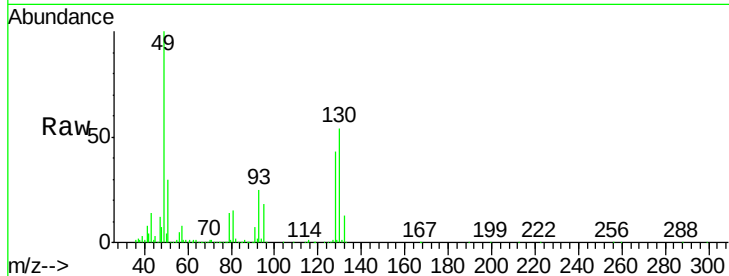
ClientSampled :

EP-103

Tot Ion	49	Resp	977588
Ion Ratio	Lower	Upper	
49	100		
128	43.4	21.6	65.0
130	55.8	27.7	83.1

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#2

Dichlorodifluoromethane

Concen: 0.127 ppbv m

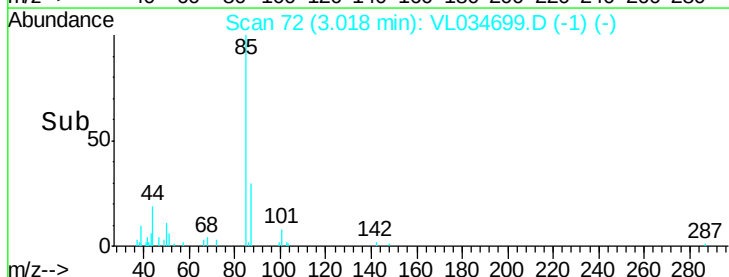
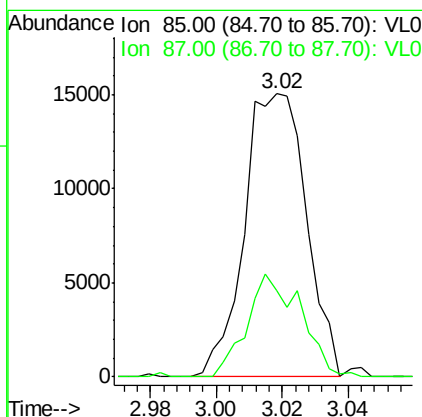
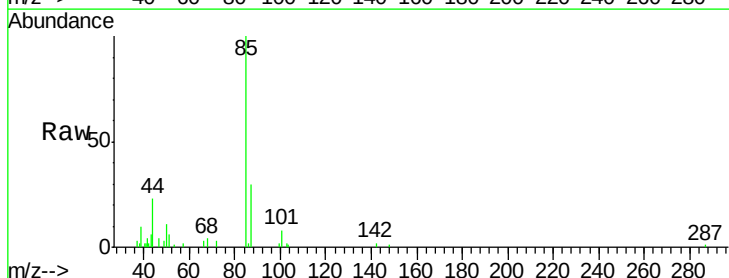
RT: 3.02 min Scan# 72

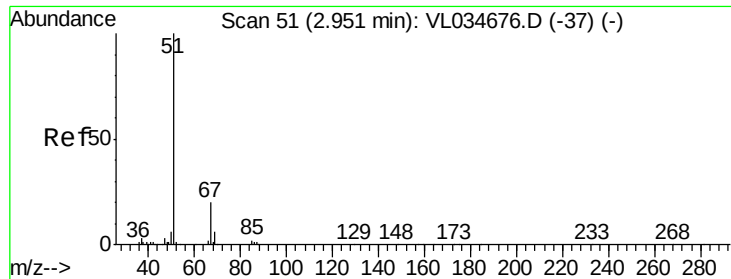
Delta R.T. 0.01 min

Lab File: VL034699.D

Acq: 26 Feb 2020 22:34

Tgt Ion	85	Resp	19613
Ion Ratio	Lower	Upper	
85	100		
87	30.4	29.2	43.8





#3

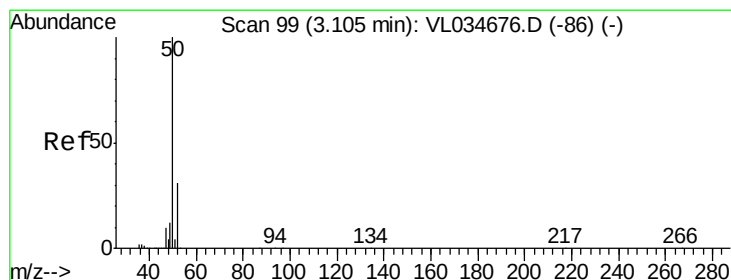
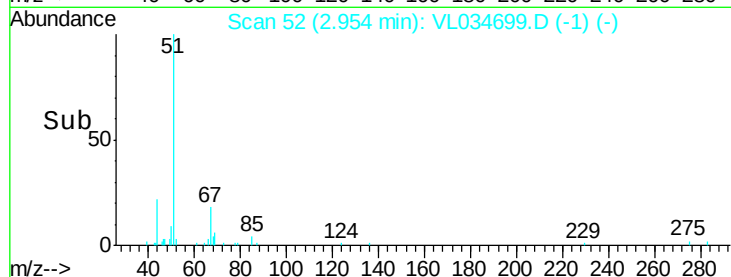
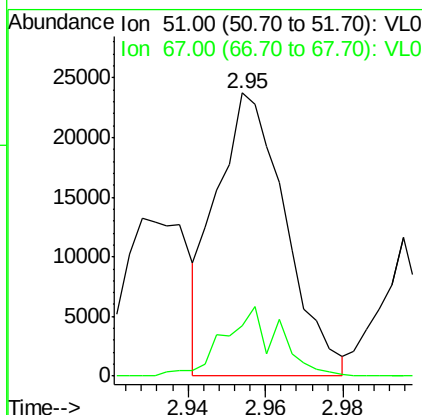
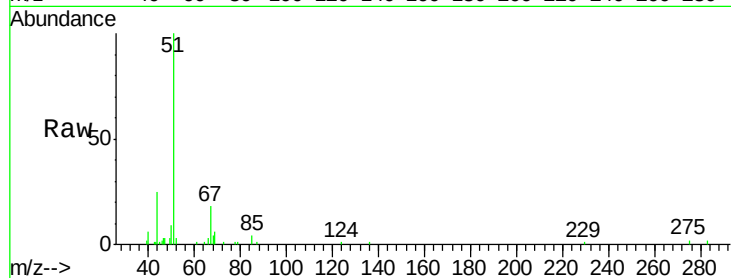
Chlorodifluoromethane
 Concen: 0.279 ppbv
 RT: 2.95 min Scan# 52
 Delta R.T. 0.00 min
 Lab File: VL034699.D
 Acq: 26 Feb 2020 22:34

Instrument :
 MSVOA_L
 ClientSampleId :
 EP-103

Tot Ion	Ratio	Lower	Upper
51	100		
67	19.9	15.5	23.3

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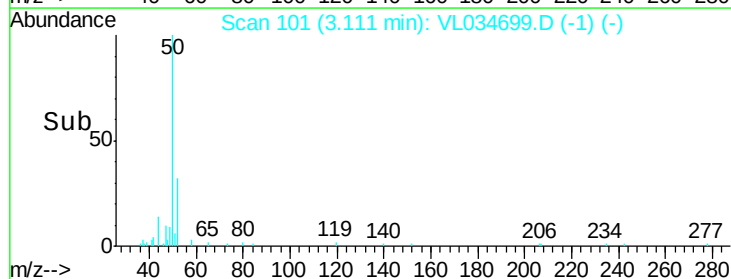
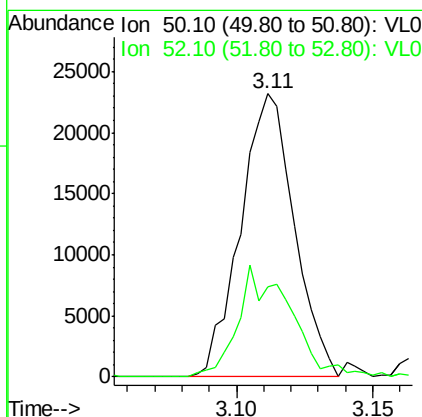
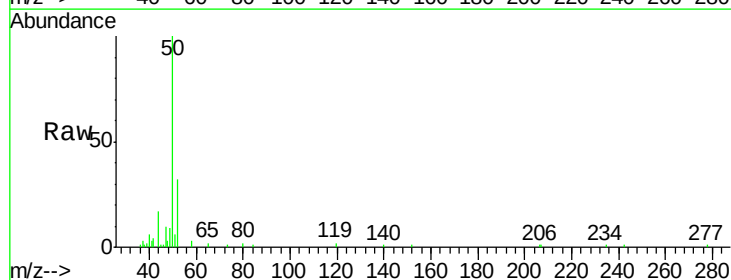
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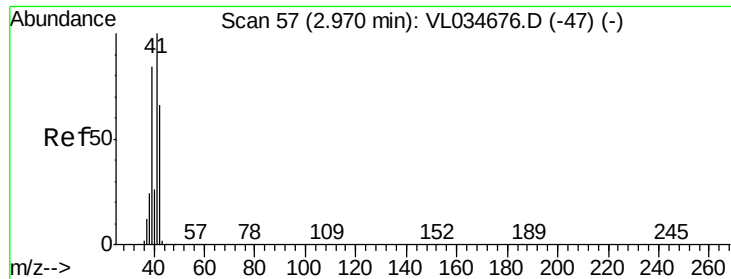


#4

Chloromethane
 Concen: 0.537 ppbv
 RT: 3.11 min Scan# 101
 Delta R.T. 0.01 min
 Lab File: VL034699.D
 Acq: 26 Feb 2020 22:34

Tgt Ion	Ratio	Lower	Upper
50	100		
52	32.0	25.0	37.4





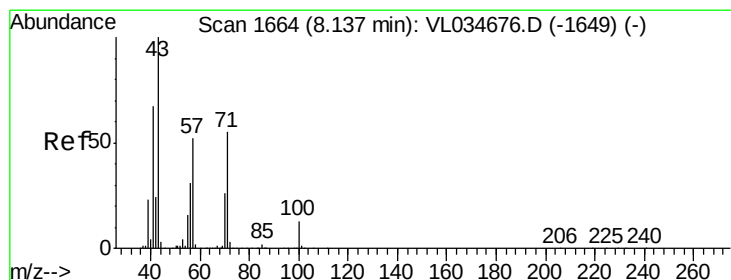
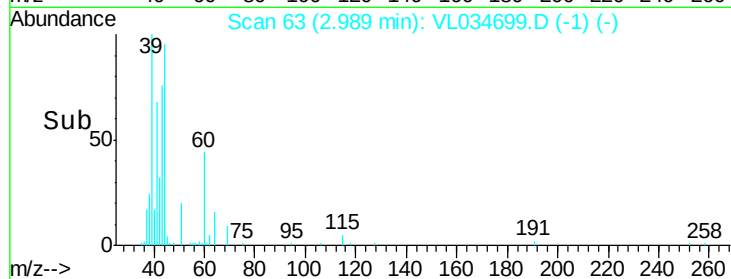
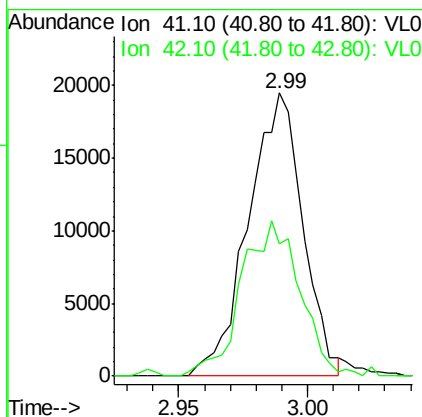
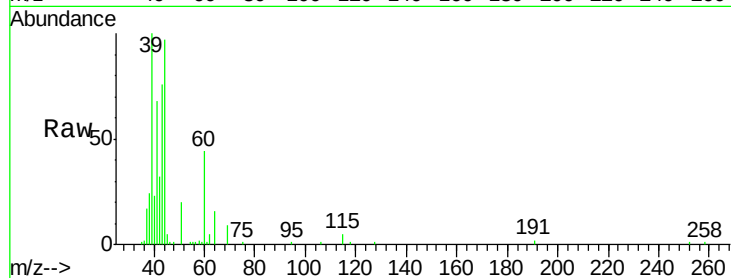
#9
 Propene
 Concen: 0.654 ppbv
 RT: 2.99 min Scan# 63
 Delta R.T. 0.02 min
 Lab File: VL034699.D
 Acq: 26 Feb 2020 22:34

Instrument :
 MSVOA_L
 ClientSampled :
 EP-103

Tot Ion: 41 Resp: 28822
 Ion Ratio Lower Upper
 41 100
 42 60.0 54.9 82.3

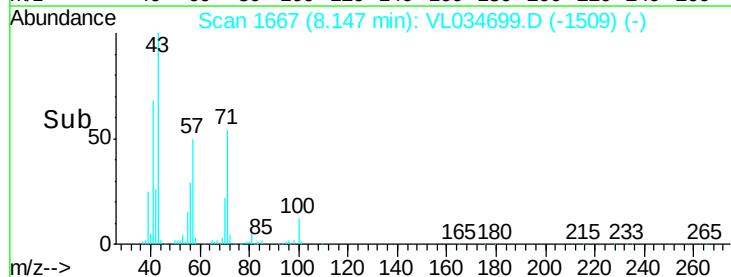
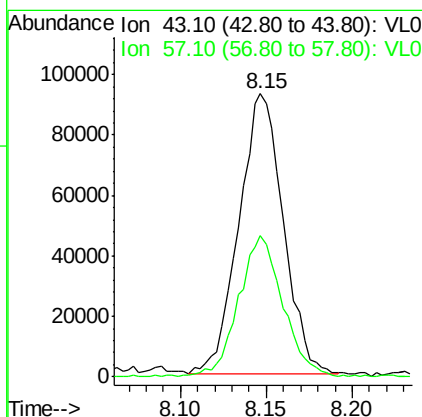
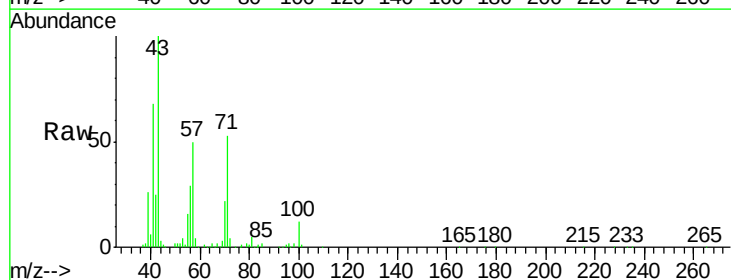
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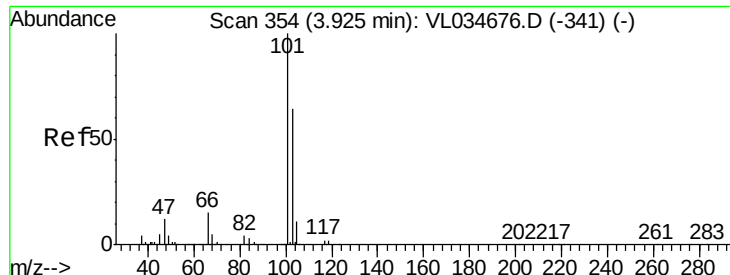
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#10
 Heptane
 Concen: 1.460 ppbv
 RT: 8.15 min Scan# 1667
 Delta R.T. 0.01 min
 Lab File: VL034699.D
 Acq: 26 Feb 2020 22:34

Tgt Ion: 43 Resp: 165736
 Ion Ratio Lower Upper
 43 100
 57 51.4 41.0 61.6





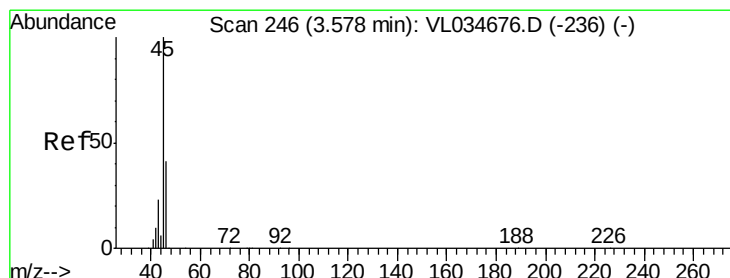
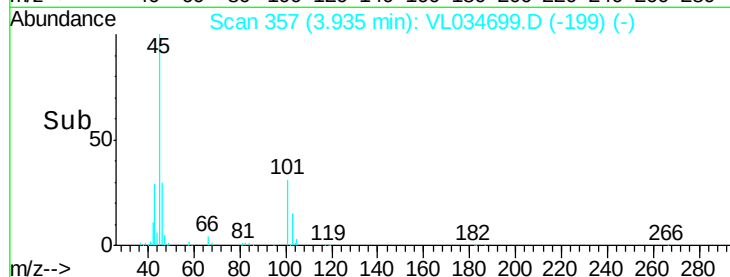
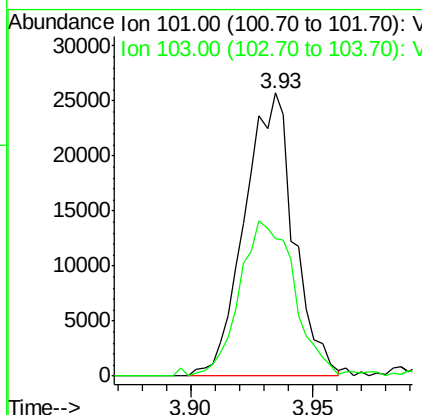
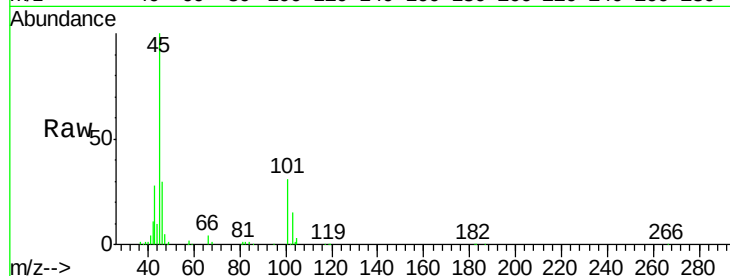
#11
 Trichlorofluoromethane
 Concen: 0.267 ppbv
 RT: 3.93 min Scan# 357
 Delta R.T. 0.01 min
 Lab File: VL034699.D
 Acq: 26 Feb 2020 22:34

Instrument :
 MSVOA_L
 ClientSampleId :
 EP-103

Tot Ion:101 Resp: 36128
 Ion Ratio Lower Upper
 101 100
 103 48.7 51.2 76.8#

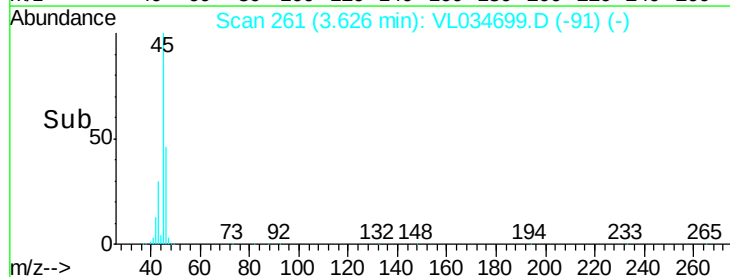
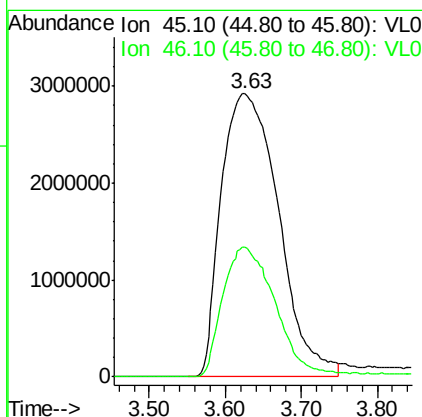
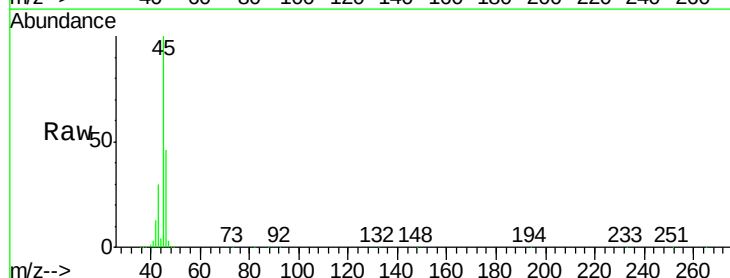
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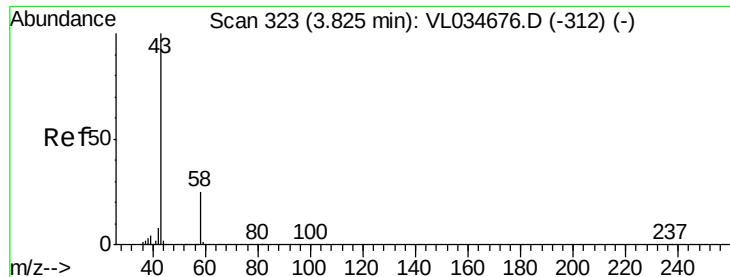
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#13
 Ethanol
 Concen: 1096.582 ppbv
 RT: 3.63 min Scan# 261
 Delta R.T. 0.05 min
 Lab File: VL034699.D
 Acq: 26 Feb 2020 22:34

Tgt Ion: 45 Resp:15277093
 Ion Ratio Lower Upper
 45 100
 46 42.9 15.4 61.4





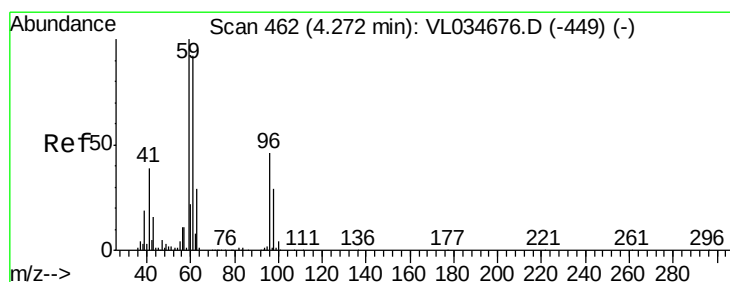
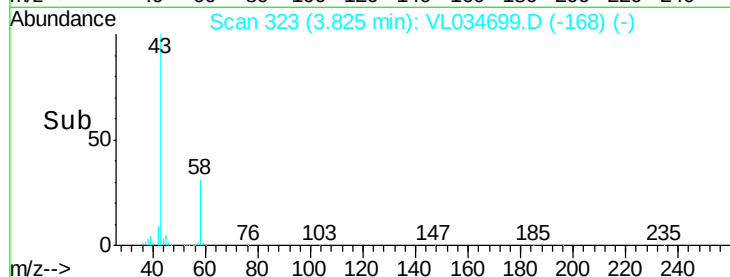
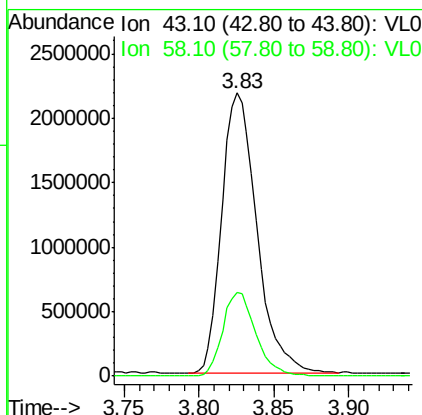
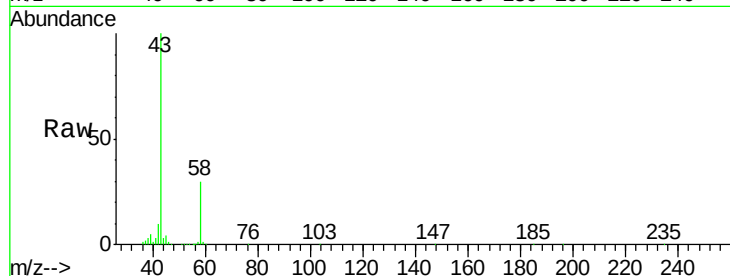
#15
Acetone
Concen: 31.869 ppbv
RT: 3.83 min Scan# 323
Delta R.T. -0.00 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument :
MSVOA_L
ClientSampleId :
EP-103

Tot Ion: 43 Resp: 3550069
Ion Ratio Lower Upper
43 100
58 28.4 21.4 32.0

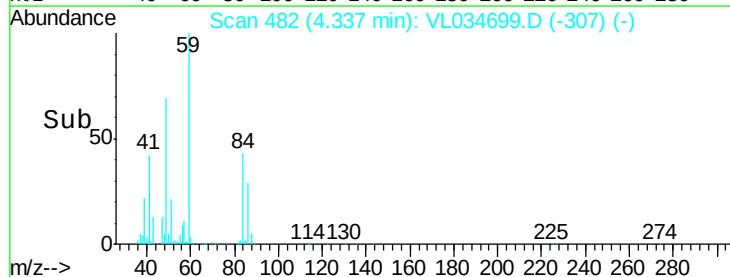
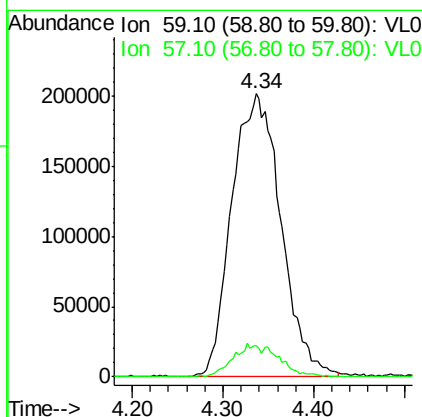
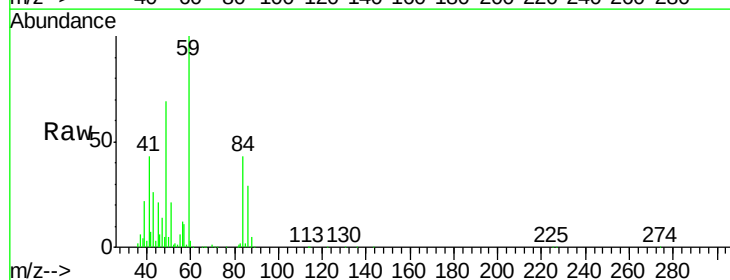
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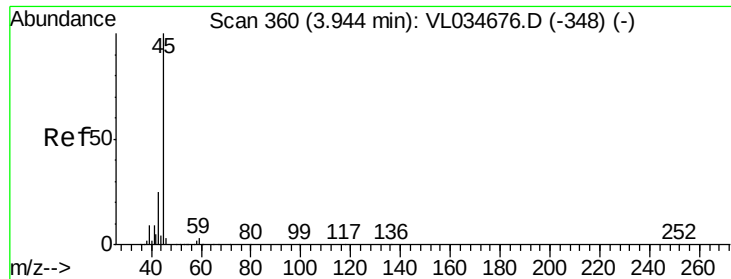
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#17
tert-Butyl alcohol
Concen: 8.860 ppbv m
RT: 4.34 min Scan# 482
Delta R.T. 0.06 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion: 59 Resp: 756338
Ion Ratio Lower Upper
59 100
57 10.9 8.8 13.2





#19

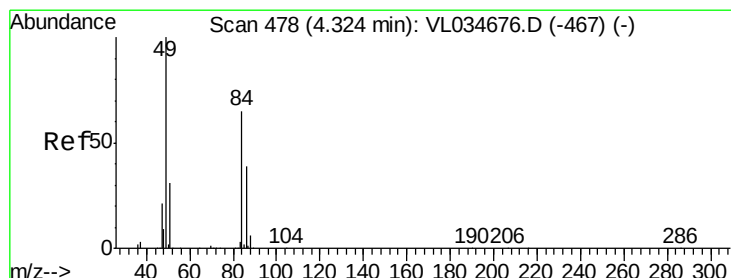
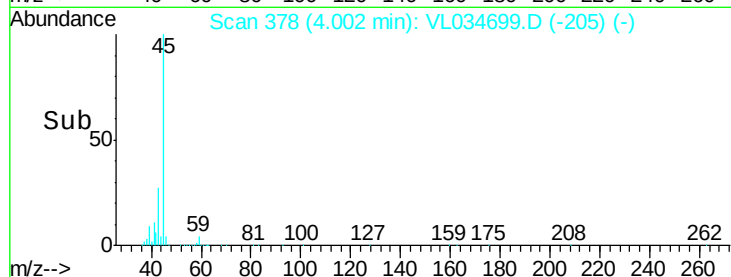
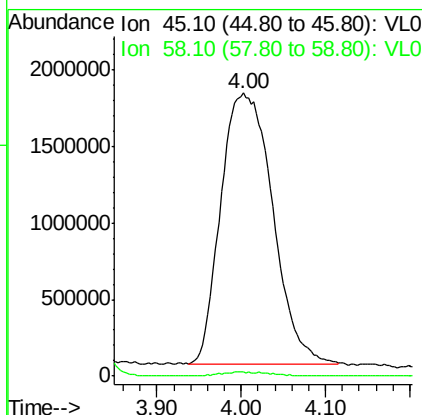
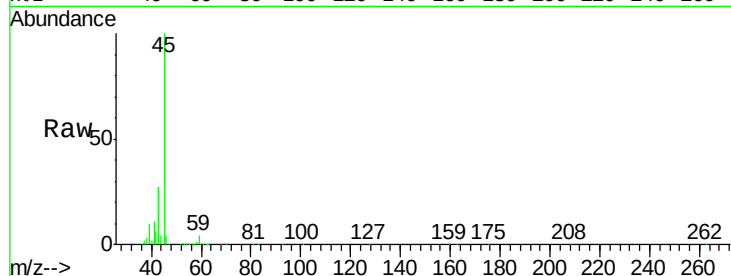
Isopropyl Alcohol
 Concen: 114.107 ppbv
 RT: 4.00 min Scan# 378
 Delta R.T. 0.06 min
 Lab File: VL034699.D
 Acq: 26 Feb 2020 22:34

Instrument :
 MSVOA_L
 ClientSampleId :
 EP-103

Tot Ion: 45 Resp: 7571329
 Ion Ratio Lower Upper
 45 100
 58 1.4 1.8 2.6#

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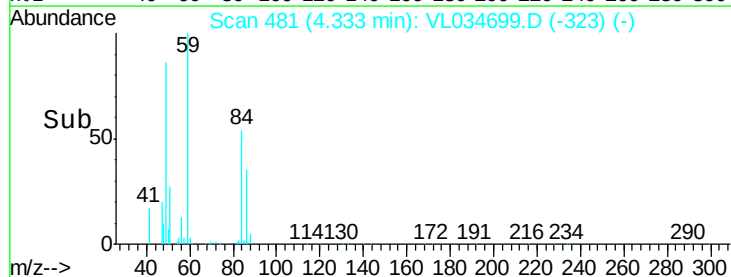
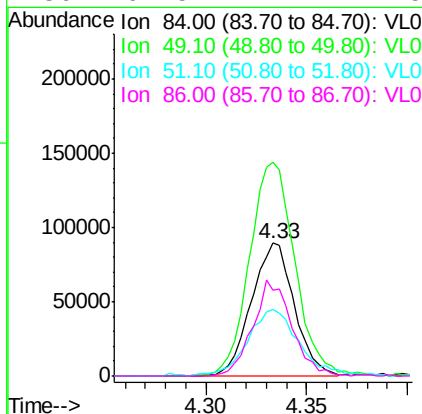
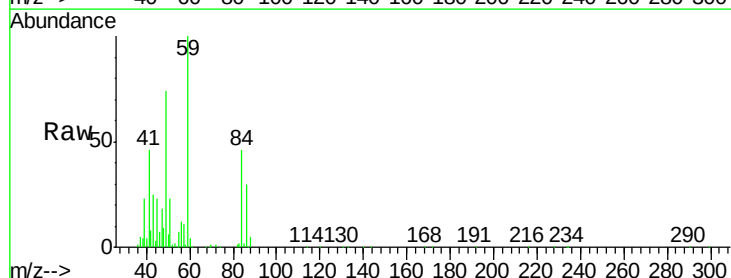
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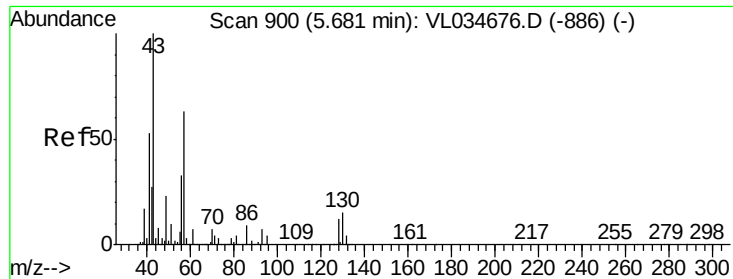


#20

Methylene Chloride
 Concen: 3.209 ppbv
 RT: 4.33 min Scan# 481
 Delta R.T. 0.01 min
 Lab File: VL034699.D
 Acq: 26 Feb 2020 22:34

Tgt Ion: 84 Resp: 132948
 Ion Ratio Lower Upper
 84 100
 49 160.6 122.8 184.2
 51 49.9 38.6 58.0
 86 64.5 47.7 71.5





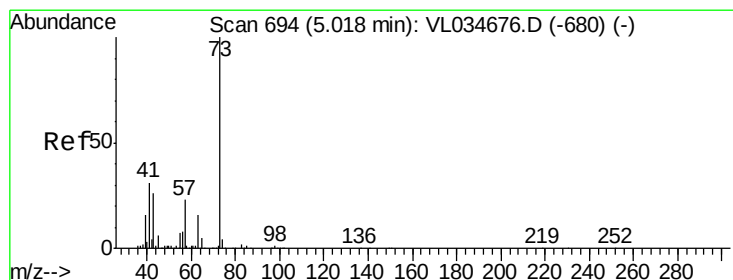
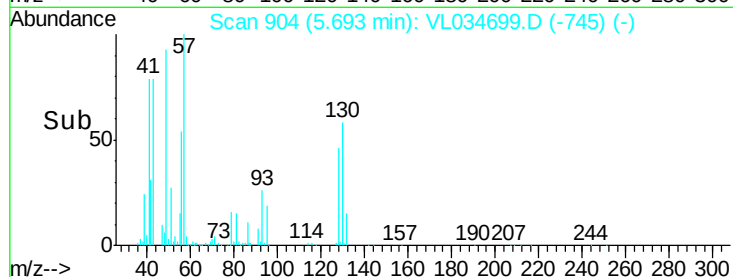
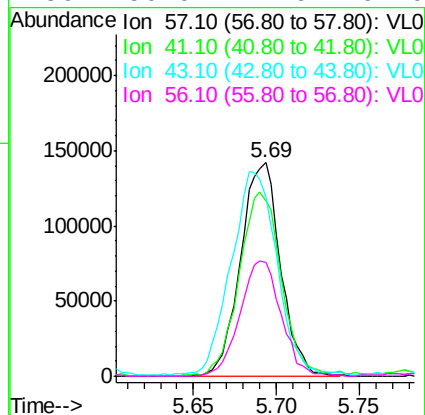
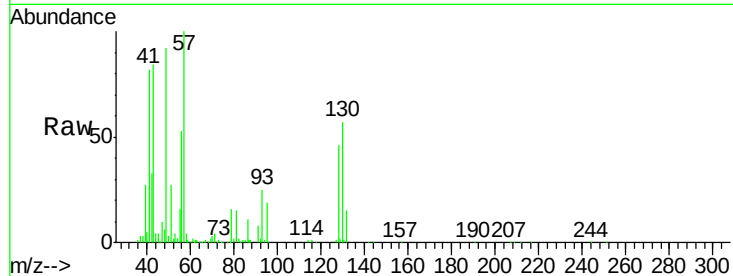
#26
Hexane
Concen: 2.614 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument :
MSVOA_L
ClientSampleId :
EP-103

Tot Ion	57	Resp	237594
Ion	Ratio	Lower	Upper
57	100		
41	92.7	70.3	105.5
43	109.1	177.0	265.4#
56	56.0	42.6	64.0

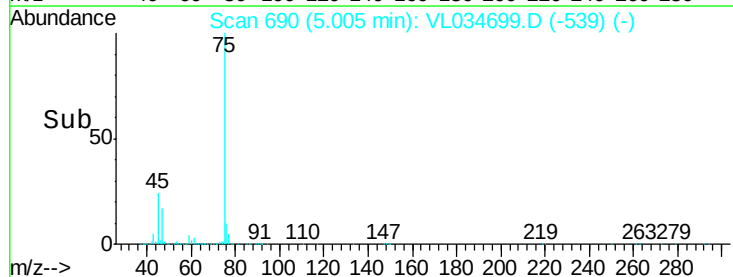
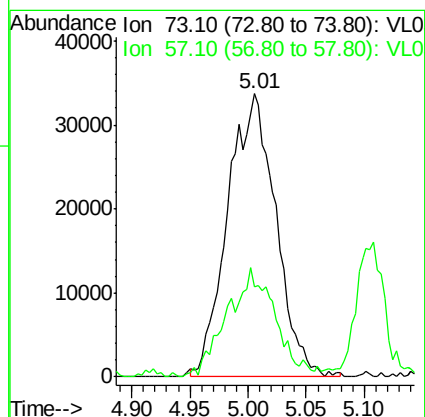
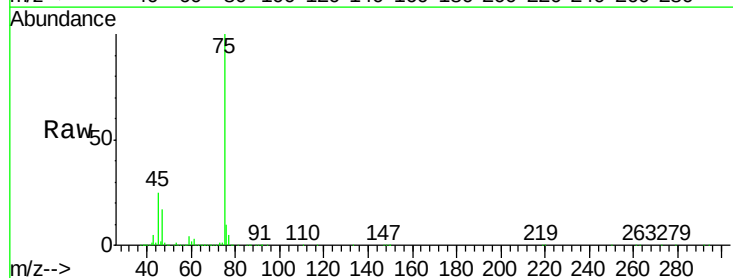
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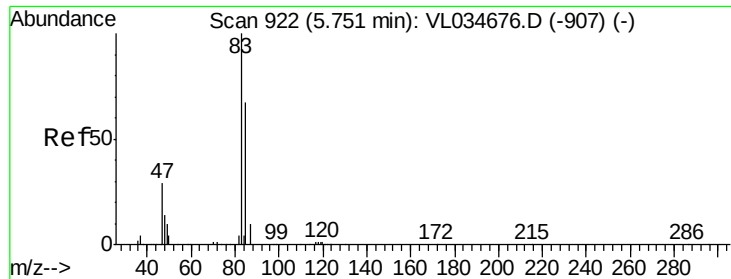
MMDadoda
2/27/2020 5:20:11 PM



#28
Methyl tert-Butyl Ether
Concen: 0.746 ppbv m
RT: 5.01 min Scan# 690
Delta R.T. -0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion	73	Resp	96854
Ion	Ratio	Lower	Upper
73	100		
57	38.2	18.6	28.0#





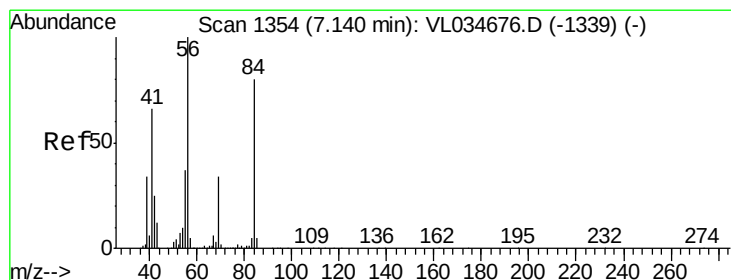
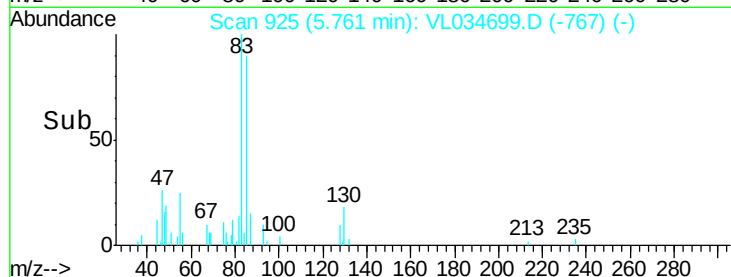
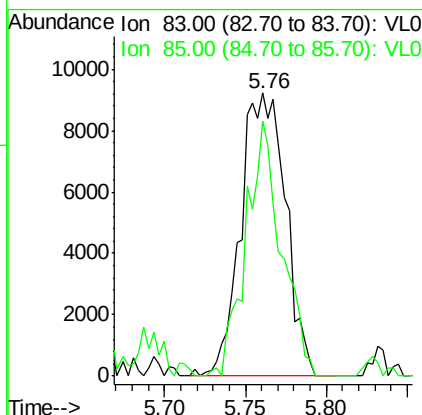
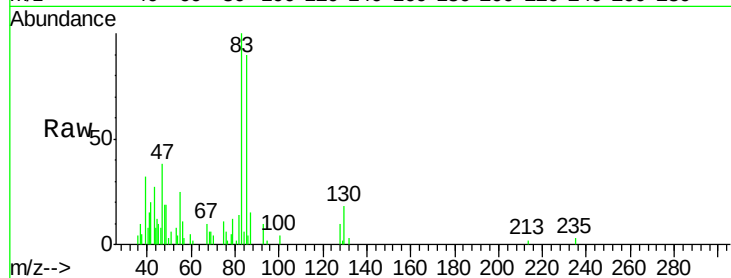
#29
Chloroform
Concen: 0.122 ppbv m
RT: 5.76 min Scan# 925
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument :
MSVOA_L
ClientSampled :
EP-103

Tot Ion	83	Resp	17683
Ion Ratio	100	Lower	Upper
85	90.4	53.9	80.9#

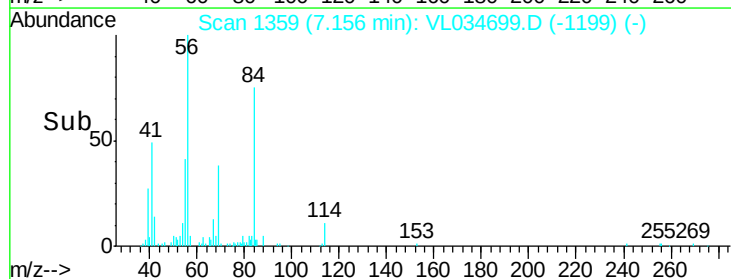
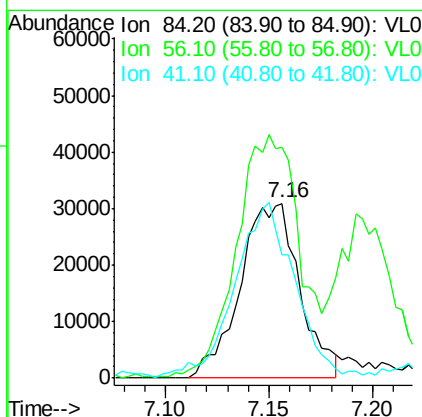
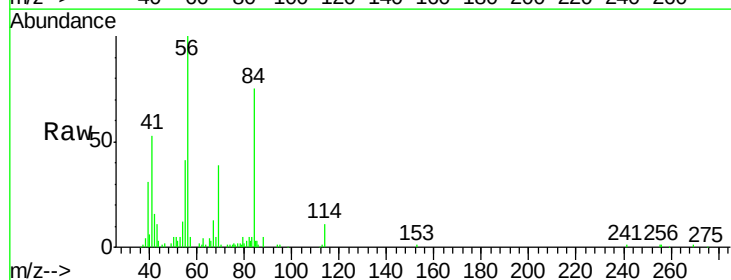
Manual Integrations
APPROVED

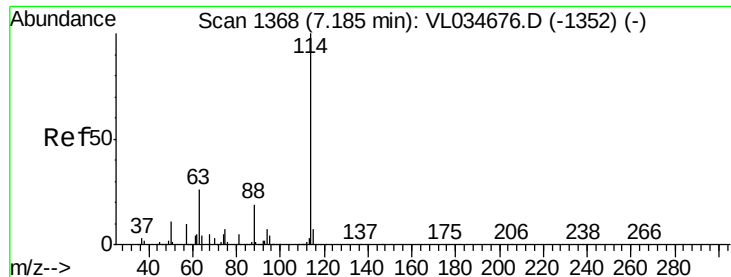
MMDadoda
2/27/2020 5:20:11 PM



#30
Cyclohexane
Concen: 0.878 ppbv m
RT: 7.16 min Scan# 1359
Delta R.T. 0.02 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion	84	Resp	61810
Ion Ratio	100	Lower	Upper
56	143.4	113.4	170.2
41	101.3	68.2	102.4





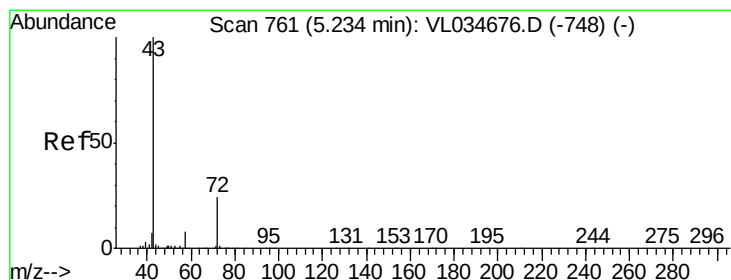
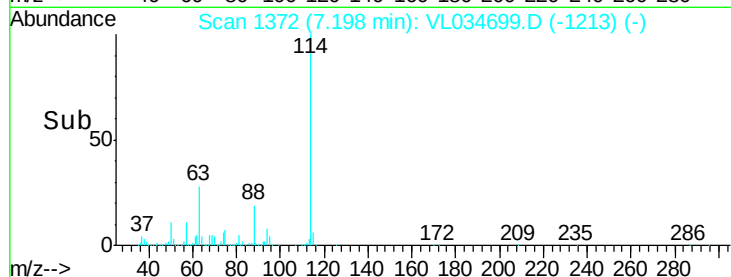
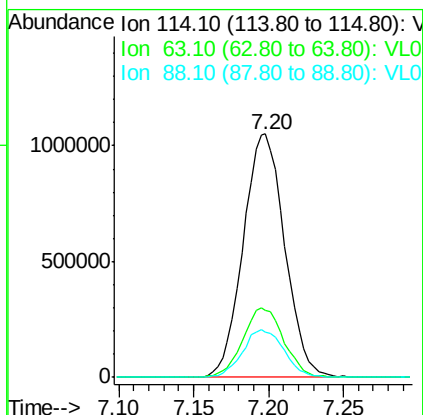
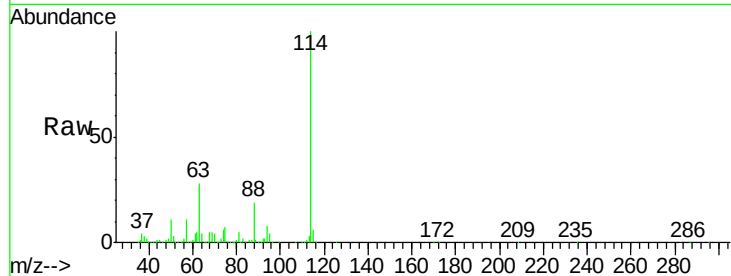
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1372
 Delta R.T. 0.01 min
 Lab File: VL034699.D
 Acq: 26 Feb 2020 22:34

Instrument :
 MSVOA_L
 ClientSampleId :
 EP-103

Tot Ion	Ratio	Lower	Upper
114	100		
63	28.2	22.9	34.3
88	19.6	15.8	23.6

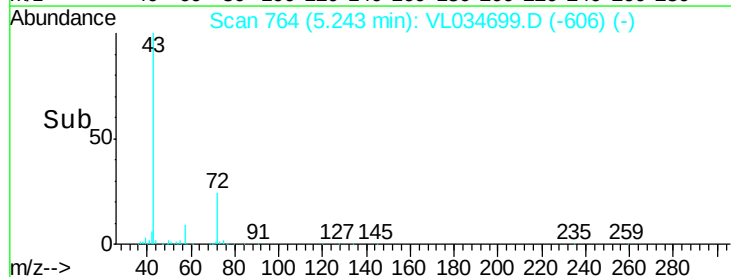
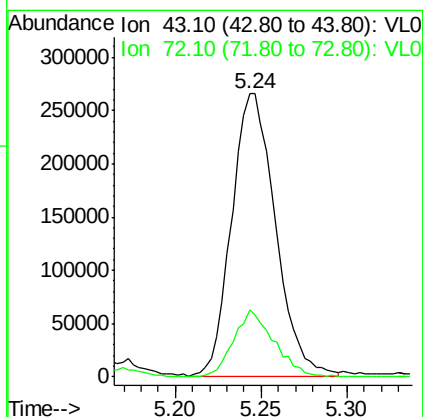
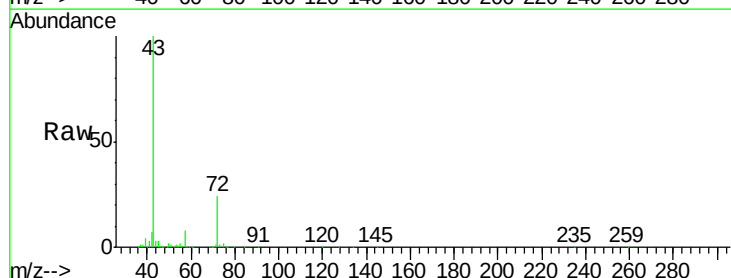
Manual Integrations
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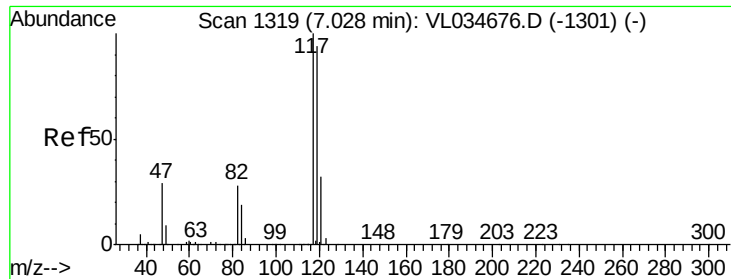
MMDadoda
 2/27/2020 5:20:11 PM



#34
 2-Butanone
 Concen: 3.668 ppbv
 RT: 5.24 min Scan# 764
 Delta R.T. 0.01 min
 Lab File: VL034699.D
 Acq: 26 Feb 2020 22:34

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.0	18.2	27.2





#35

Carbon Tetrachloride

Concen: 0.089 ppbv m

RT: 7.03 min Scan# 1321

Delta R.T. 0.01 min

Lab File: VL034699.D

Acq: 26 Feb 2020 22:34

Instrument :

MSVOA_L

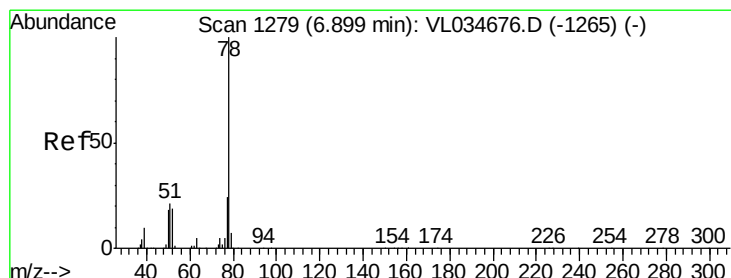
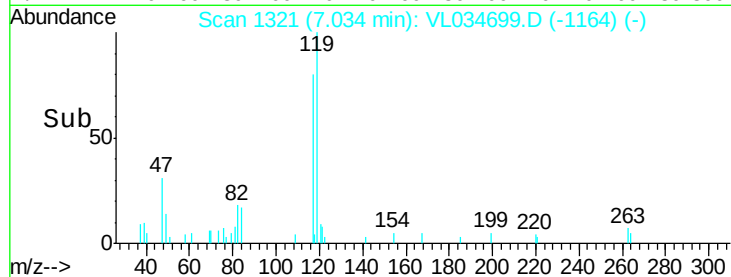
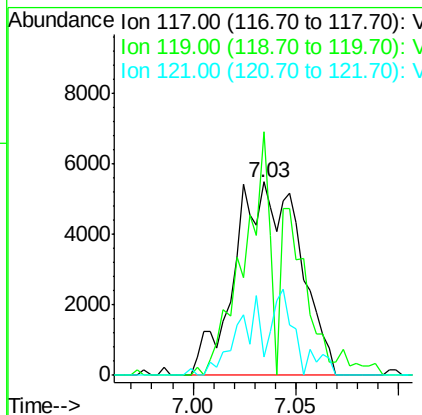
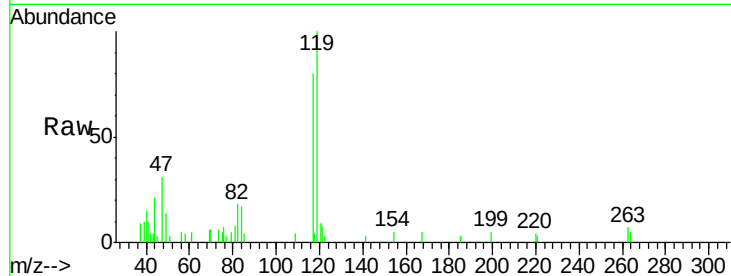
ClientSampled :

EP-103

Tot Ion	Ratio	Lower	Upper
117	100		
119	125.7	75.5	113.3#
121	9.5	25.4	38.0#

Manual Integrations
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#36

Benzene

Concen: 1.131 ppbv

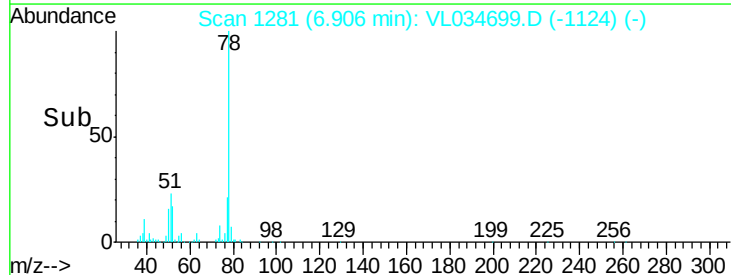
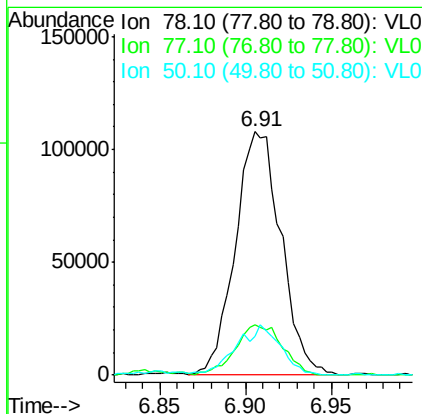
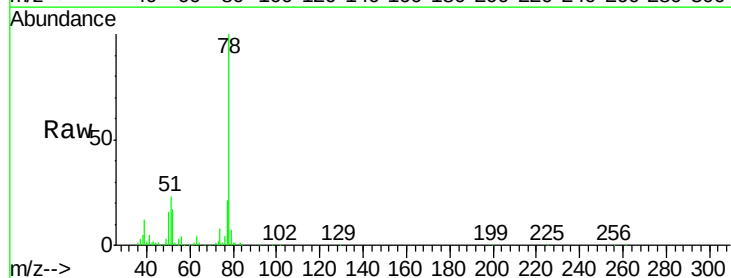
RT: 6.91 min Scan# 1281

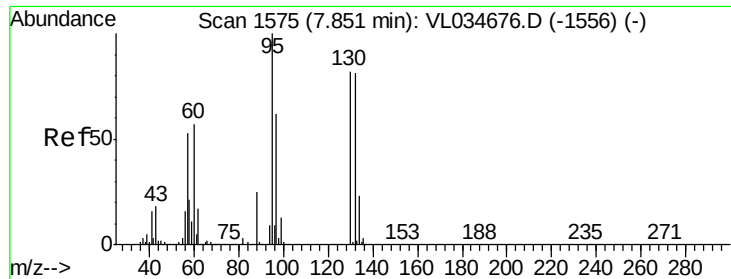
Delta R.T. 0.01 min

Lab File: VL034699.D

Acq: 26 Feb 2020 22:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	20.8	19.5	29.3
50	15.7	14.6	21.8





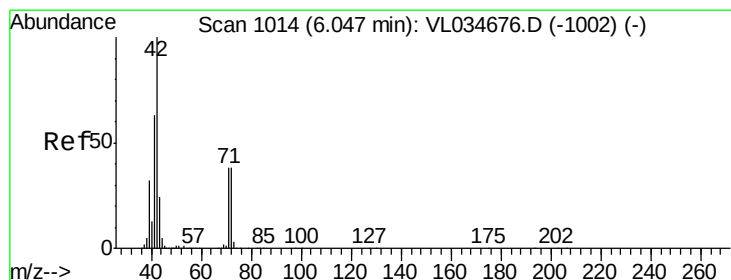
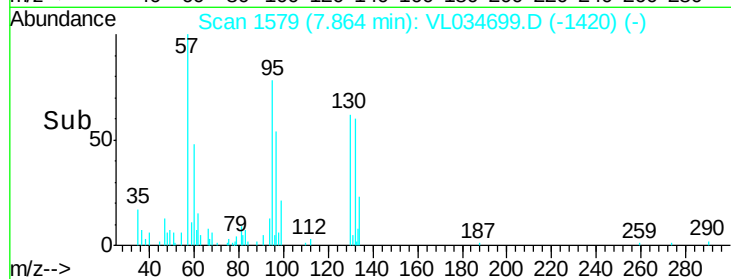
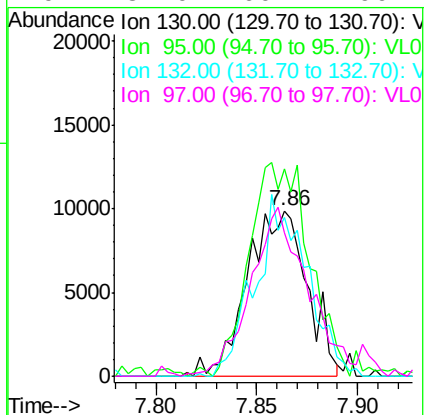
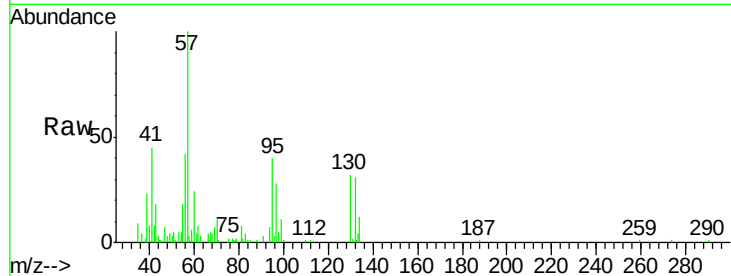
#38
 Trichloroethene
 Concen: 0.301 ppbv m
 RT: 7.86 min Scan# 1579
 Delta R.T. 0.01 min
 Lab File: VL034699.D
 Acq: 26 Feb 2020 22:34

Instrument :
 MSVOA_L
 ClientSampleId :
 EP-103

Tot Ion	Ion	Ratio	Resp	Lower	Upper
130	100		20309		
95	125.7		97.1	145.7	
132	96.3		78.3	117.5	
97	87.0		60.1	90.1	

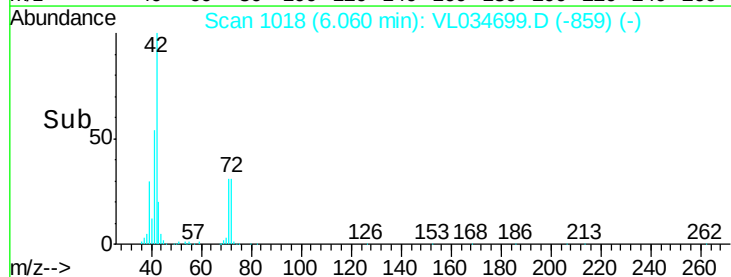
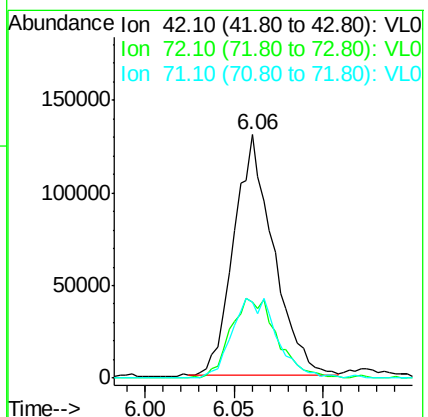
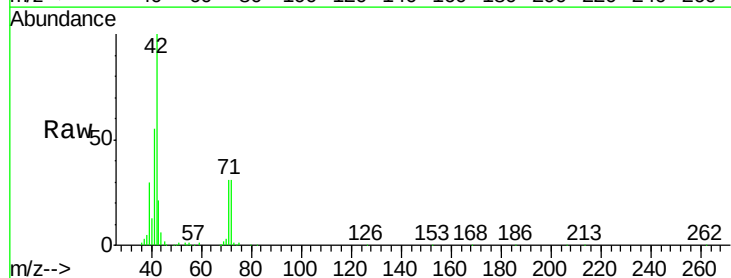
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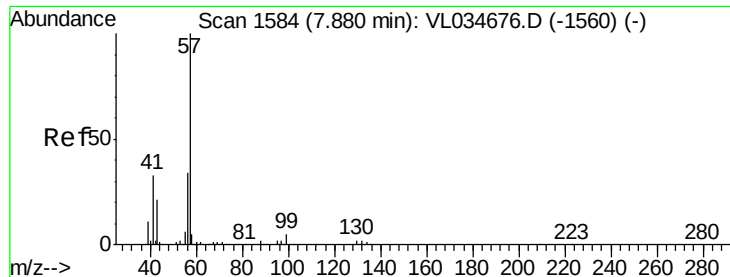
MMDadoda
 2/27/2020 5:20:11 PM



#41
 Tetrahydrofuran
 Concen: 2.988 ppbv
 RT: 6.06 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: VL034699.D
 Acq: 26 Feb 2020 22:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		201191		
72	39.3		31.7	47.5	
71	38.3		30.7	46.1	





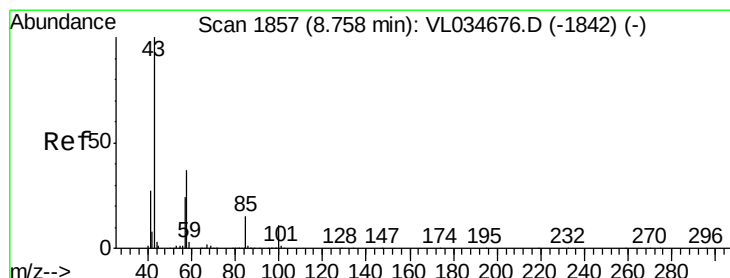
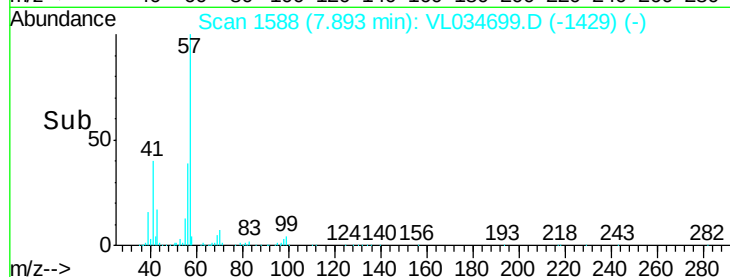
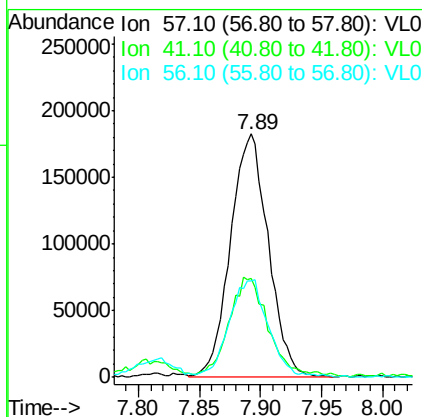
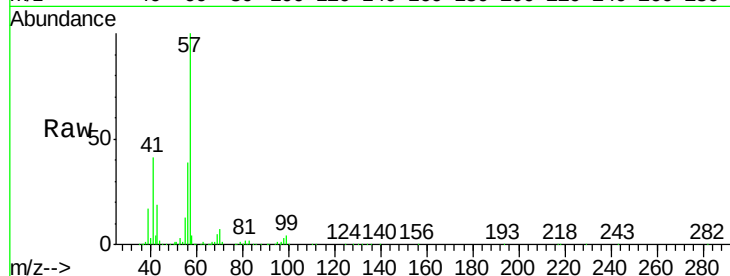
#44
 2,2,4-Trimethylpentane
 Concen: 1.274 ppbv
 RT: 7.89 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: VL034699.D
 Acq: 26 Feb 2020 22:34

Instrument :
 MSVOA_L
 ClientSampleId :
 EP-103

Tot Ion	Ratio	Lower	Upper
57	100		
41	43.7	26.0	39.0#
56	41.8	25.6	38.4#

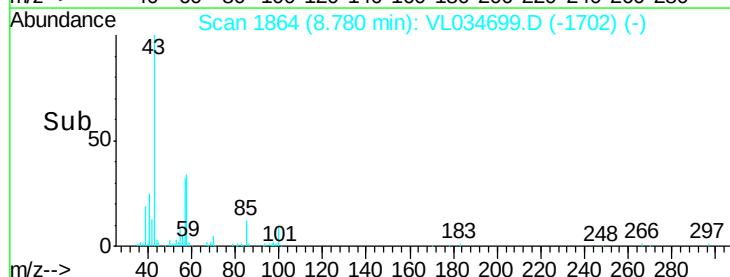
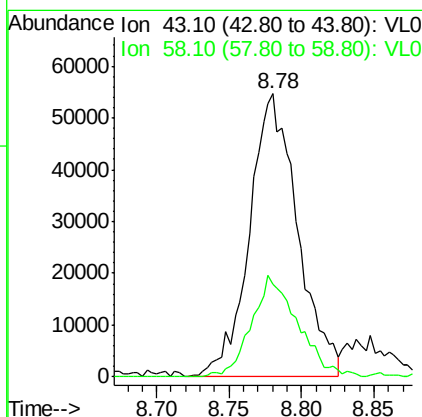
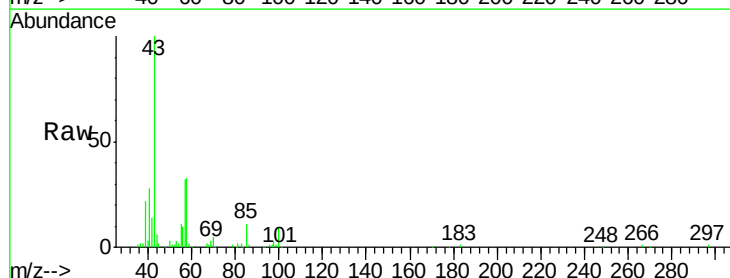
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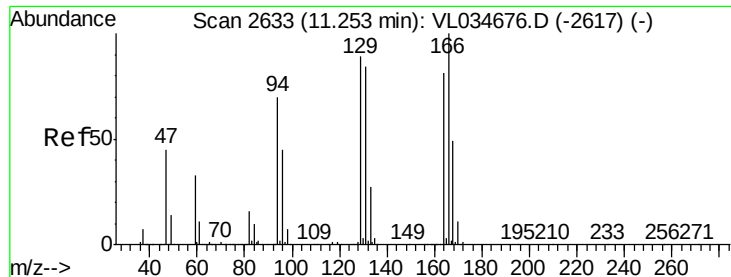
MMDadoda
 2/27/2020 5:20:11 PM



#50
 4-Methyl-2-Pentanone
 Concen: 0.700 ppbv
 RT: 8.78 min Scan# 1864
 Delta R.T. 0.02 min
 Lab File: VL034699.D
 Acq: 26 Feb 2020 22:34

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.7	29.0	43.6





#52

Tetrachloroethene

Concen: 0.259 ppbv m

RT: 11.26 min Scan# 2636

Delta R.T. 0.01 min

Lab File: VL034699.D

Acq: 26 Feb 2020 22:34

Instrument :

MSVOA_L

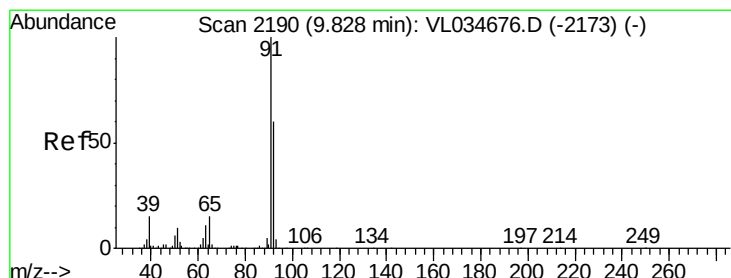
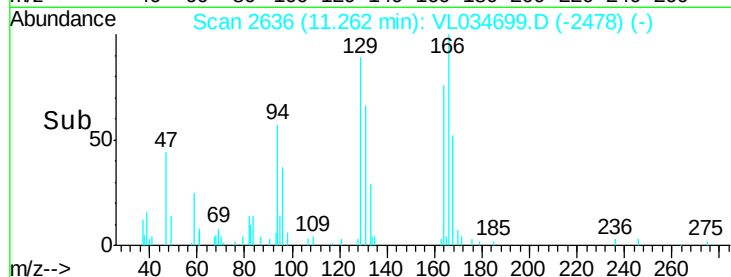
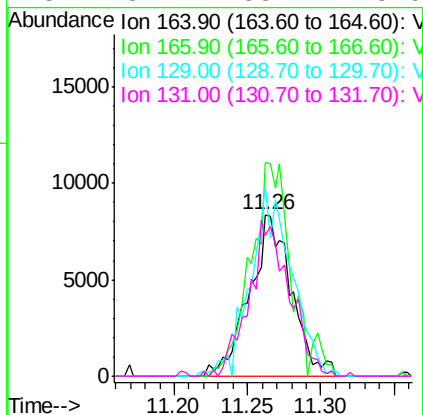
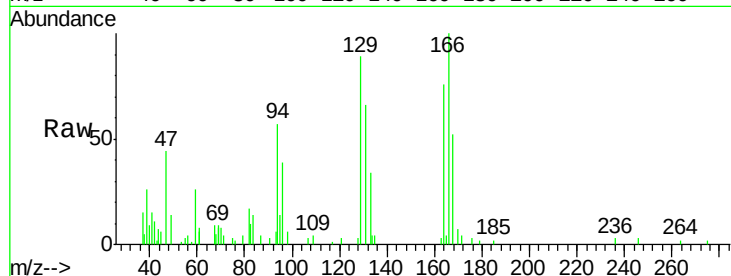
ClientSampleId :

EP-103

Tot Ion:	164	Resp:	16618
Ion	Ratio	Lower	Upper
164	100		
166	132.4	99.2	148.8
129	117.8	88.0	132.0
131	87.4	83.7	125.5

Manual Integrations
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2/27/2020 5:20:11 PM



#53

Toluene

Concen: 9.227 ppbv

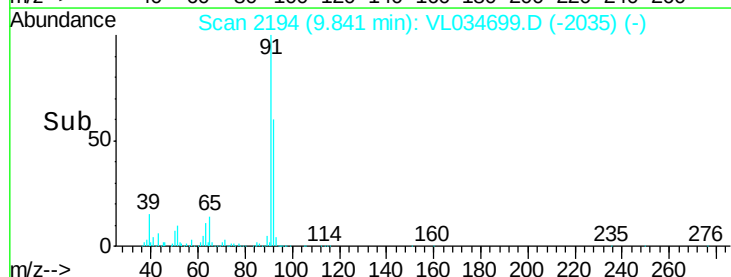
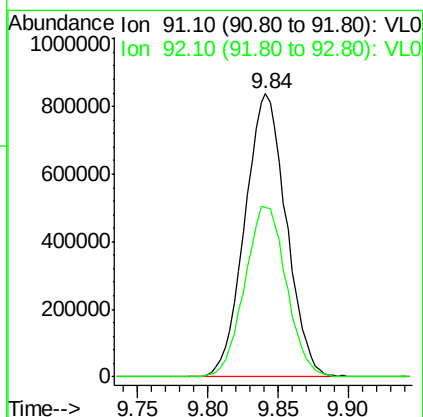
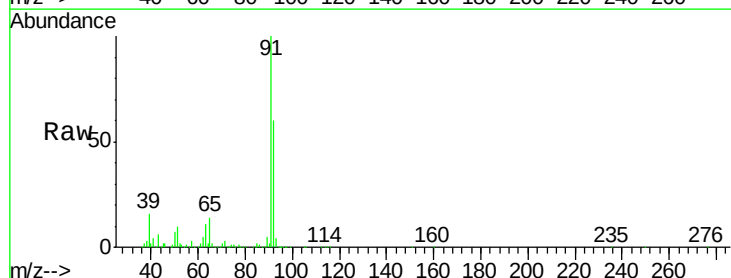
RT: 9.84 min Scan# 2194

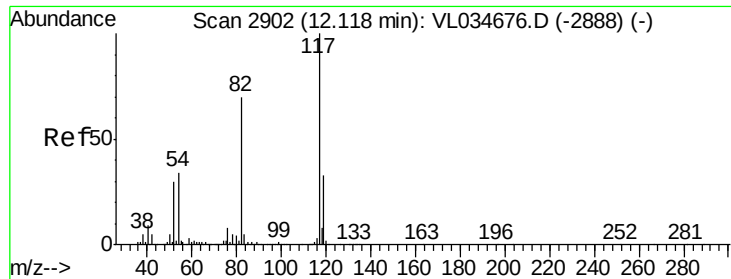
Delta R.T. 0.01 min

Lab File: VL034699.D

Acq: 26 Feb 2020 22:34

Tgt Ion:	91	Resp:	1717770
Ion	Ratio	Lower	Upper
91	100		
92	61.0	48.5	72.7





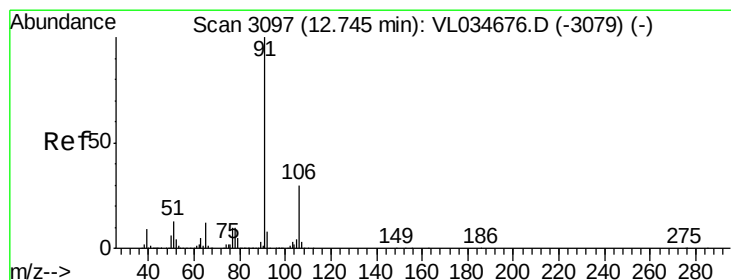
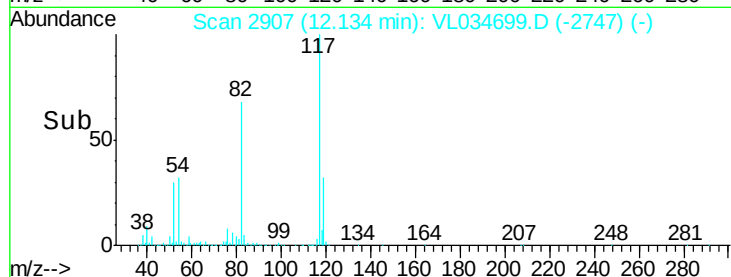
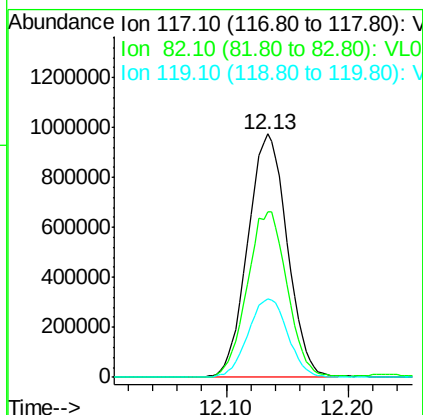
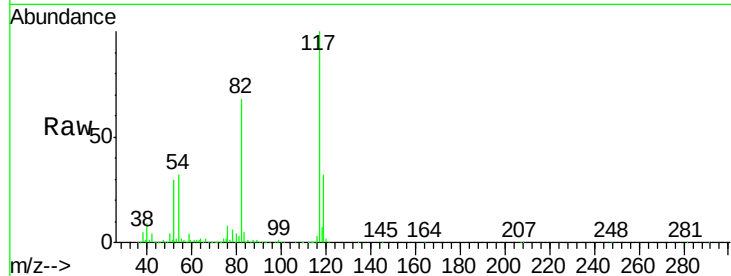
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. 0.02 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument :
MSVOA_L
ClientSampled :
EP-103

Tot Ion	Ratio	Lower	Upper
117	100		
82	69.0	54.1	81.1
119	32.6	27.6	41.4

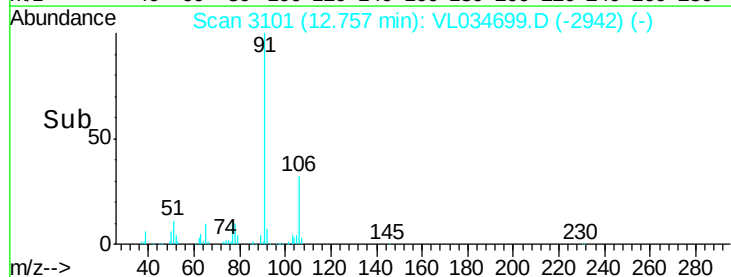
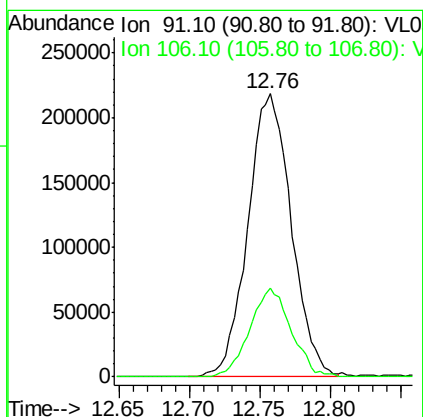
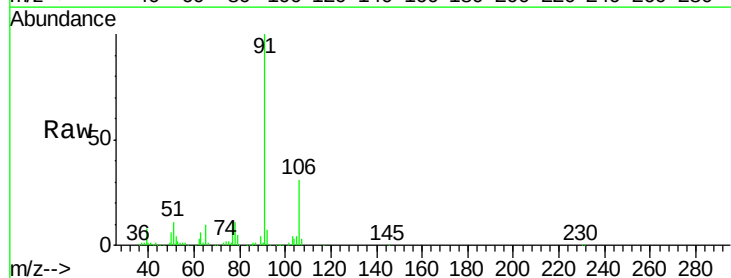
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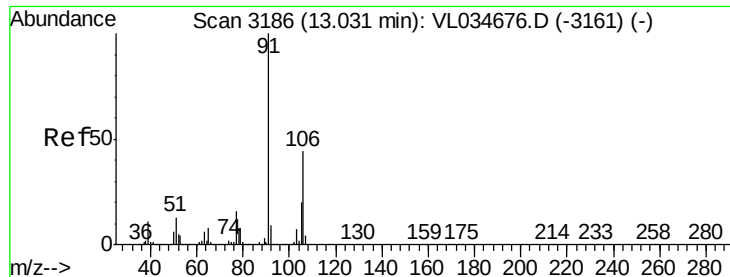
MMDadoda
2/27/2020 5:20:11 PM



#58
Ethyl Benzene
Concen: 1.777 ppbv
RT: 12.76 min Scan# 3101
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.6	24.0	36.0





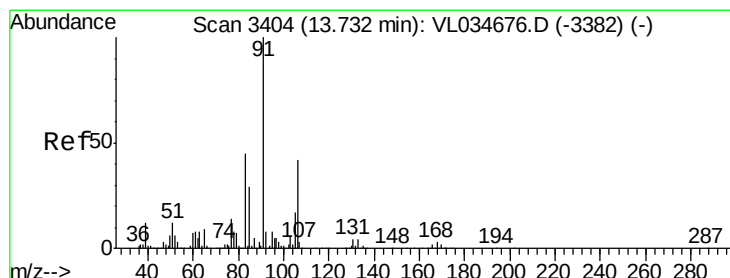
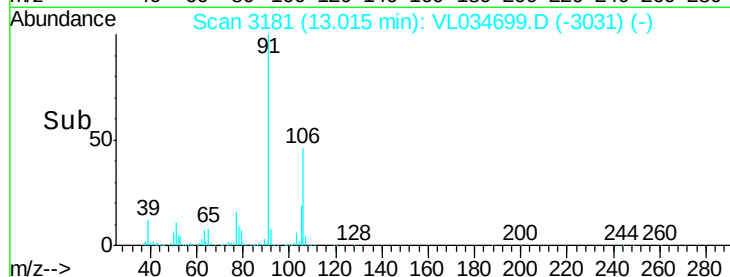
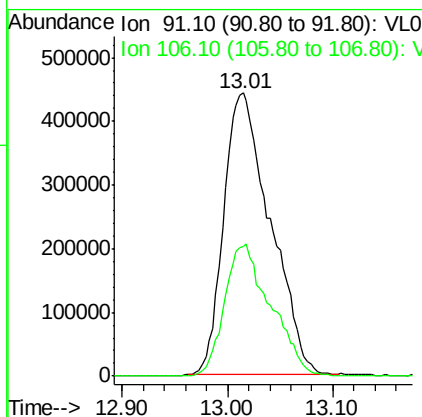
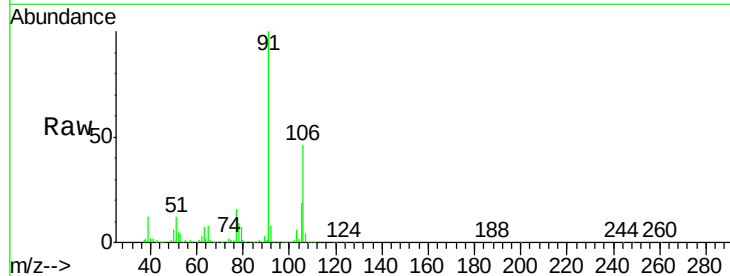
#59
m/p-Xylene
Concen: 5.927 ppbv
RT: 13.01 min Scan# 3181
Delta R.T. -0.02 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument :
MSVOA_L
ClientSampled :
EP-103

Tot Ion: 91 Resp: 1360965
Ion Ratio Lower Upper
91 100
106 46.1 35.6 53.4

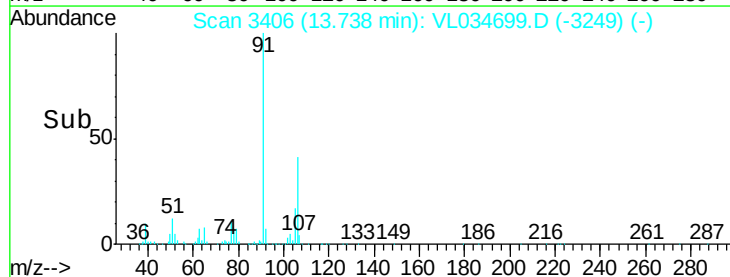
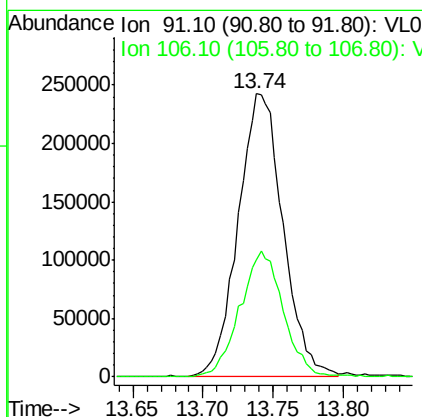
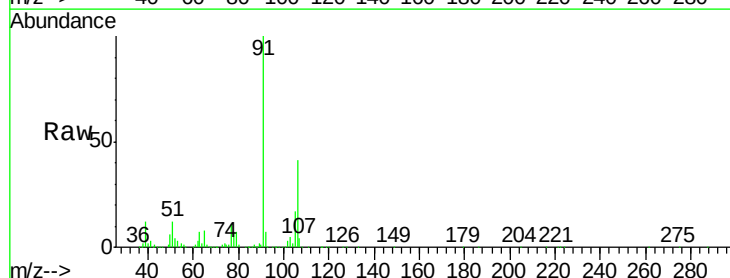
Manual Integrations
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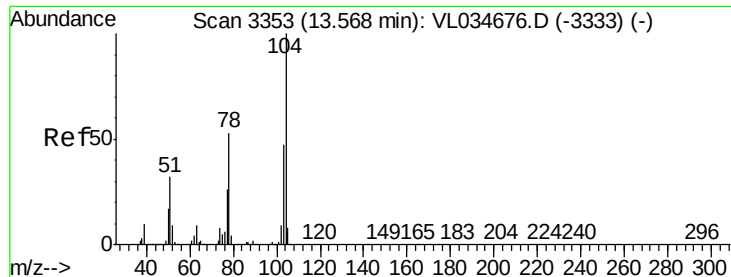
MMDadoda
2/27/2020 5:20:11 PM



#60
o-Xylene
Concen: 2.354 ppbv
RT: 13.74 min Scan# 3406
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion: 91 Resp: 536454
Ion Ratio Lower Upper
91 100
106 43.3 21.9 65.5





#61

Stvrene

Concen: 0.257 ppbv m

RT: 13.57 min Scan# 3355

Delta R.T. 0.01 min

Lab File: VL034699.D

Acq: 26 Feb 2020 22:34

Instrument :

MSVOA_L

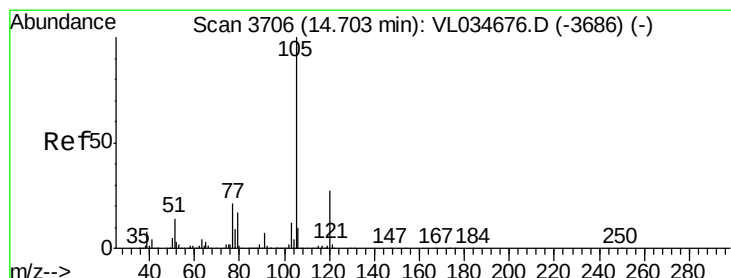
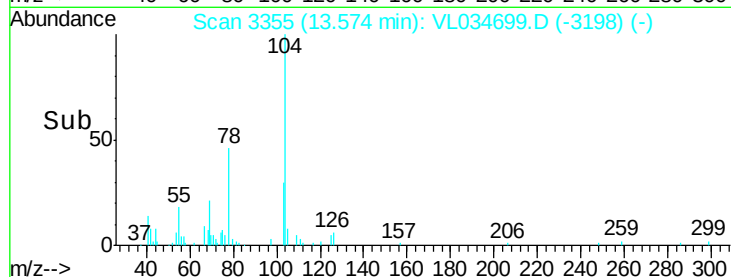
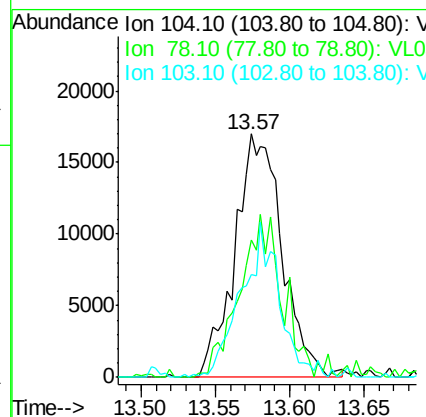
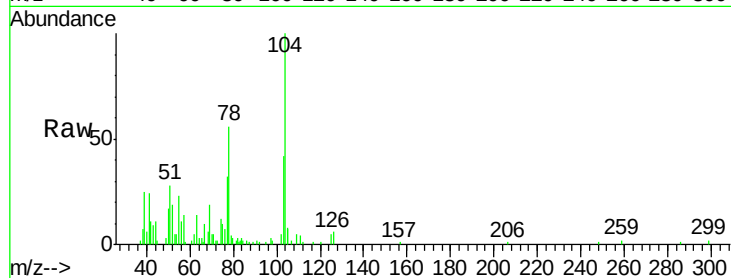
ClientSampled :

EP-103

Tot Ion:	104	Resp:	37616
Ion Ratio	Lower	Upper	
104	100		
78	59.8	44.2	66.4
103	52.3	37.4	56.0

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#62

Isopropylbenzene

Concen: 0.098 ppbv m

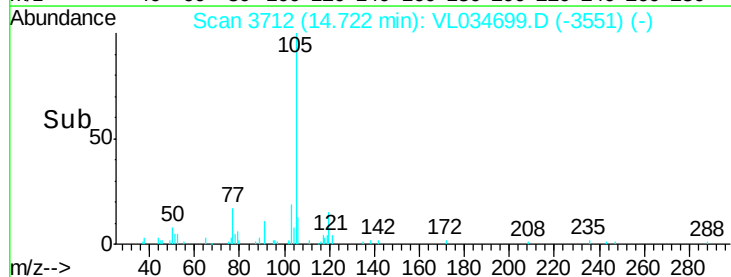
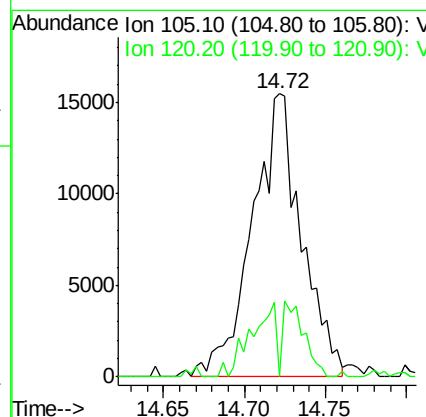
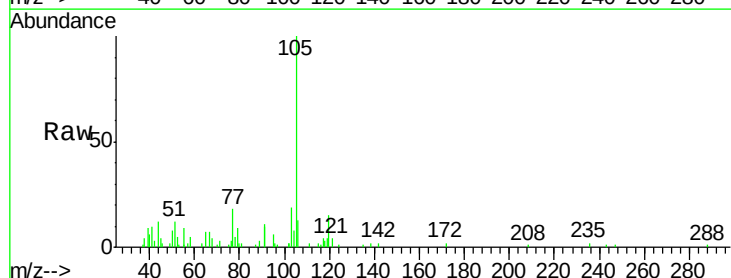
RT: 14.72 min Scan# 3712

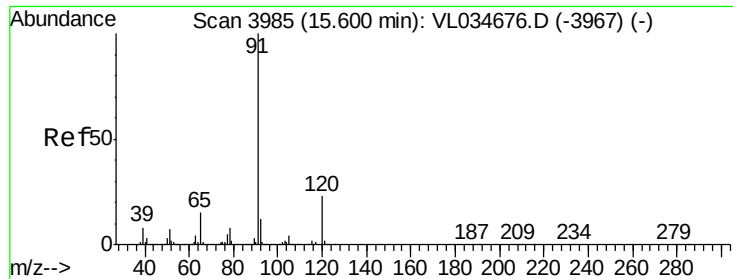
Delta R.T. 0.02 min

Lab File: VL034699.D

Acq: 26 Feb 2020 22:34

Tgt Ion:	105	Resp:	32433
Ion Ratio	Lower	Upper	
105	100		
120	13.6	20.2	30.4#





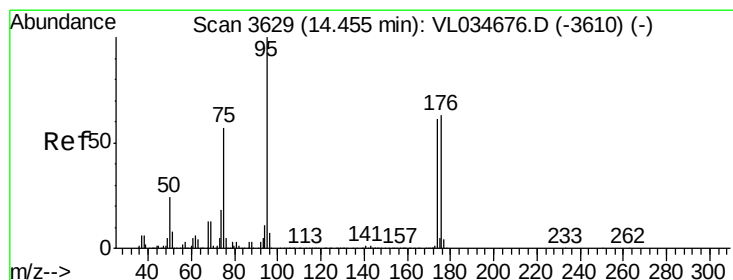
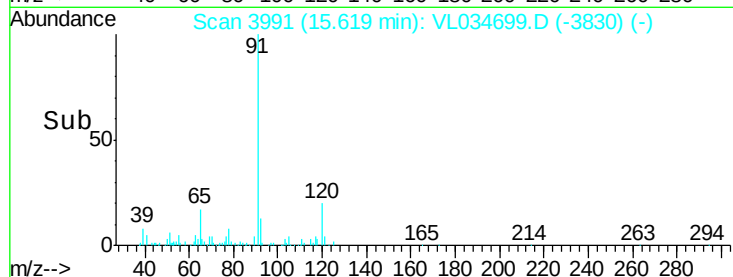
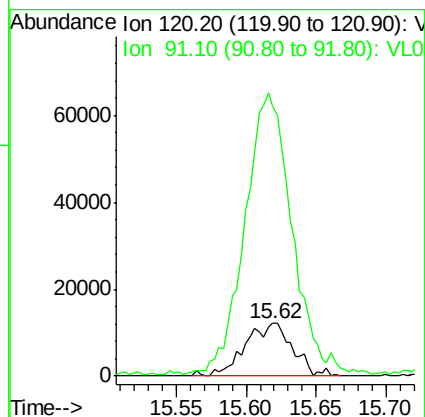
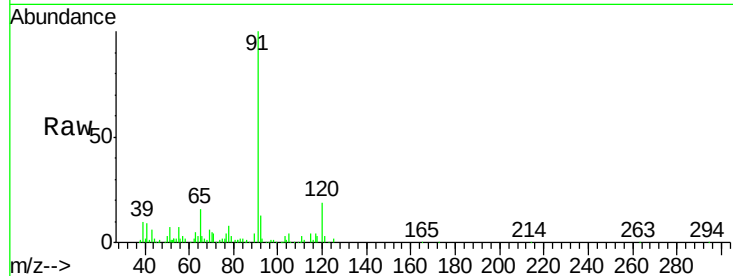
#64
n-propylbenzene
Concen: 0.337 ppbv m
RT: 15.62 min Scan# 3991
Delta R.T. 0.02 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument :
MSVOA_L
ClientSampleId :
EP-103

Tot Ion:120 Resp: 28853
Ion Ratio Lower Upper
120 100
91 535.2 369.8 554.8

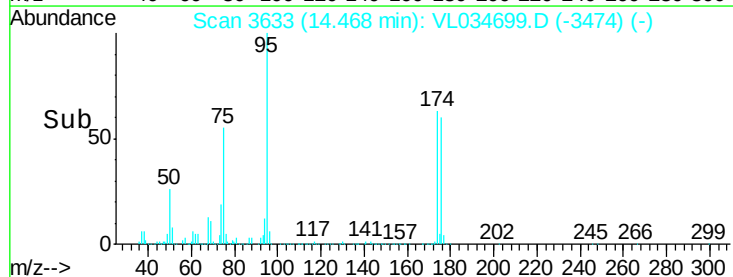
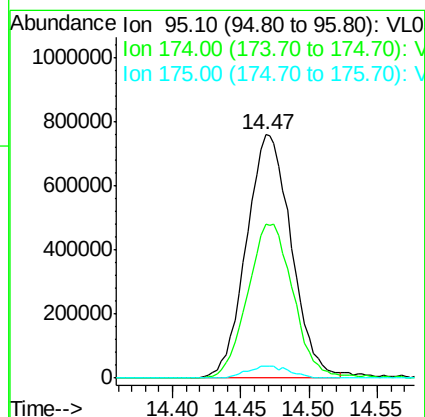
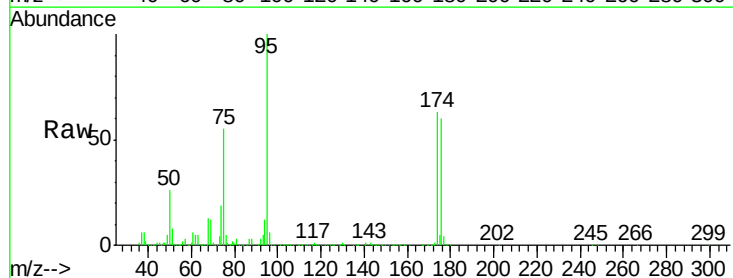
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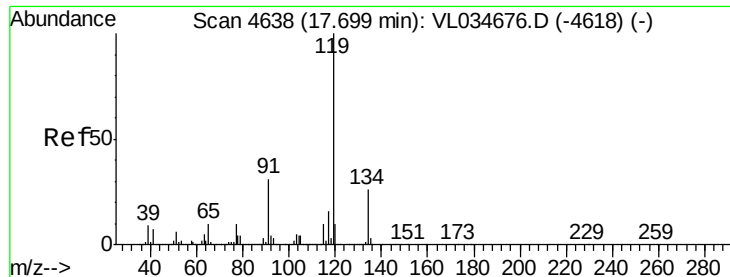
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.725 ppbv
RT: 14.47 min Scan# 3633
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion: 95 Resp: 1735134
Ion Ratio Lower Upper
95 100
174 64.7 50.7 76.1
175 4.8 3.9 5.9





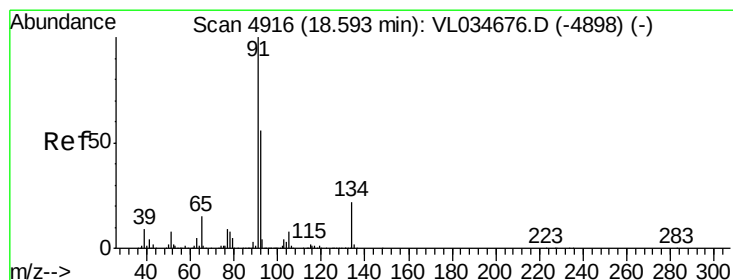
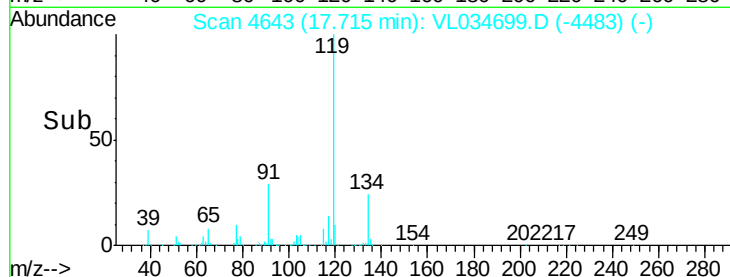
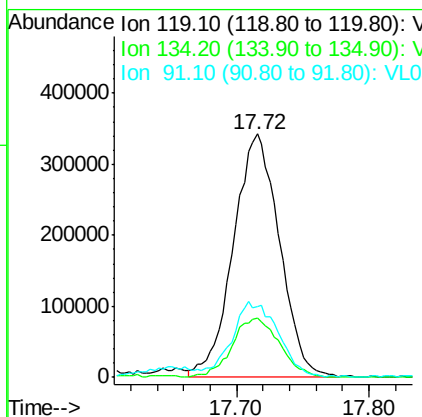
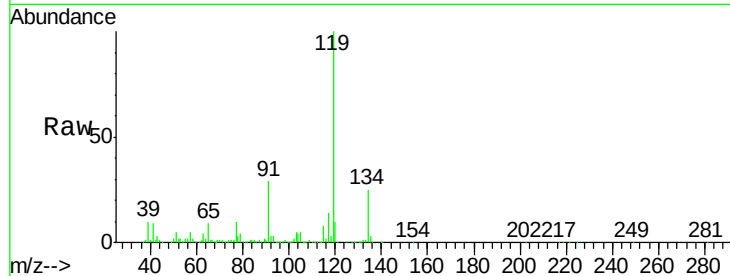
#69
p-Isopropyltoluene
Concen: 2.418 ppbv
RT: 17.72 min Scan# 4643
Delta R.T. 0.02 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument :
MSVOA_L
ClientSampled :
EP-103

Tot Ion	Ratio	Resp	Lower	Upper
119	100	821988		
134	25.6		20.6	31.0
91	31.2		25.3	37.9

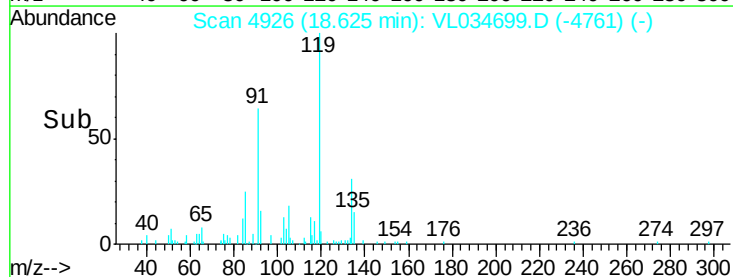
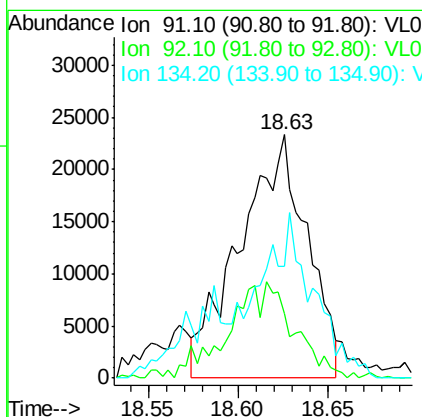
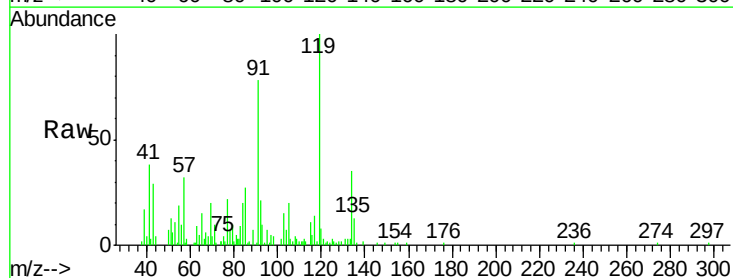
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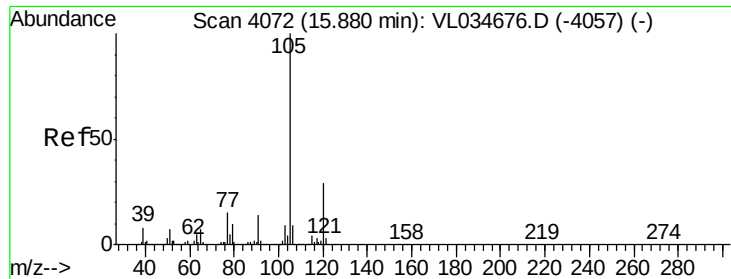
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#70
n-Butylbenzene
Concen: 0.163 ppbv m
RT: 18.63 min Scan# 4926
Delta R.T. 0.03 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	60498		
92	811.7		43.8	65.6#
134	241.5		17.6	26.4#





#72

4-Ethyltoluene

Concen: 0.648 ppbv

RT: 15.89 min Scan# 4076

Delta R.T. 0.01 min

Lab File: VL034699.D

Acq: 26 Feb 2020 22:34

Instrument :

MSVOA_L

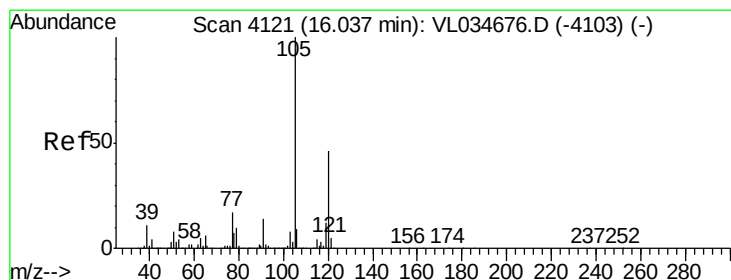
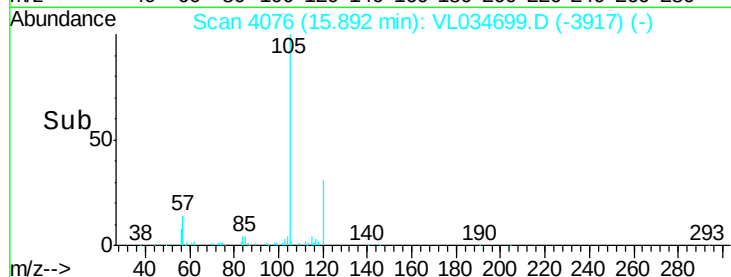
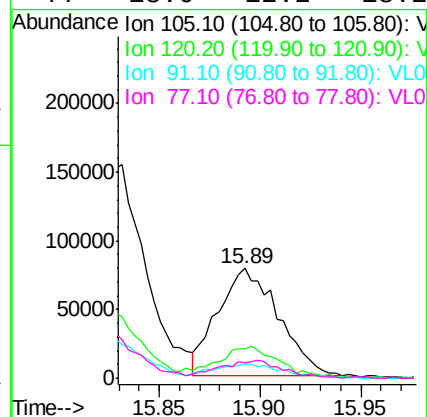
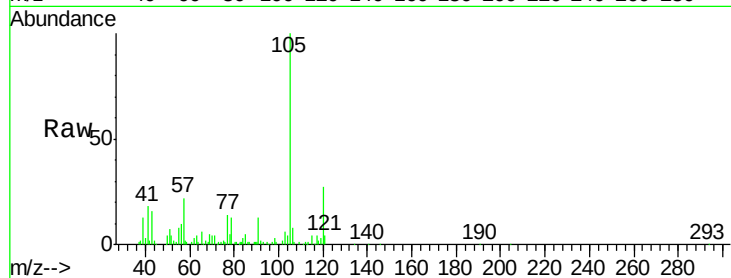
ClientSampled :

EP-103

Tot Ion	Ratio	Resp	Lower	Upper
105	100	164397		
120	31.0	23.7	35.5	
91	16.3	10.9	16.3	
77	18.0	12.2	18.2	

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#73

1,3,5-Trimethylbenzene

Concen: 0.627 ppbv

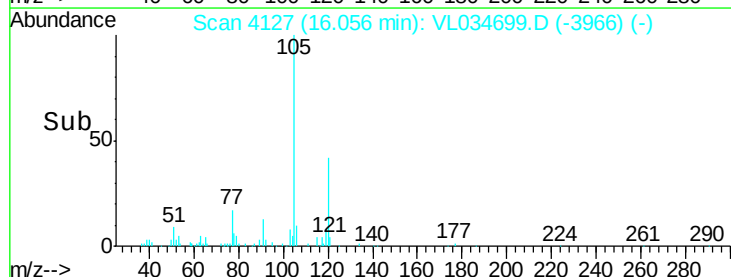
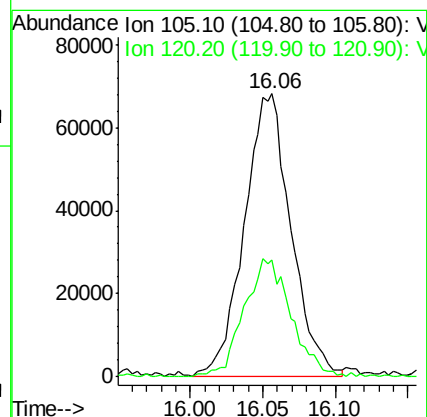
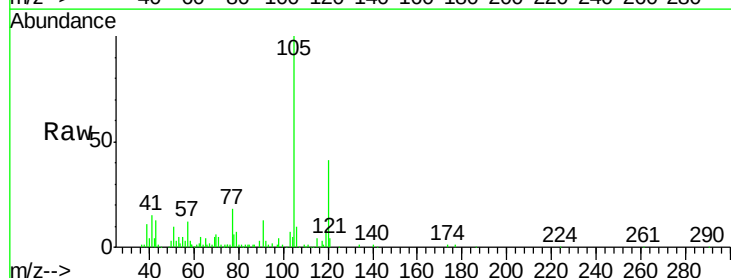
RT: 16.06 min Scan# 4127

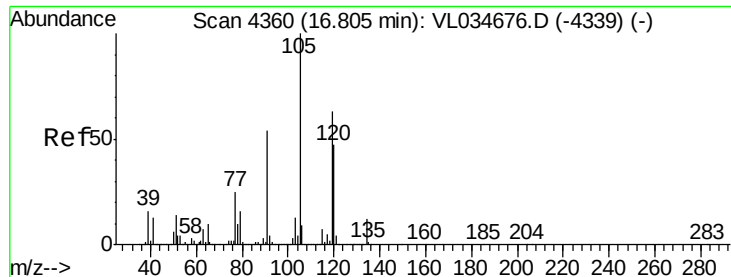
Delta R.T. 0.02 min

Lab File: VL034699.D

Acq: 26 Feb 2020 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	152866		
120	41.3	37.1	55.7	





#74

1,2,4-Trimethylbenzene

Concen: 2.285 ppbv

RT: 16.82 min Scan# 4364

Delta R.T. 0.01 min

Lab File: VL034699.D

Acq: 26 Feb 2020 22:34

Instrument :

MSVOA_L

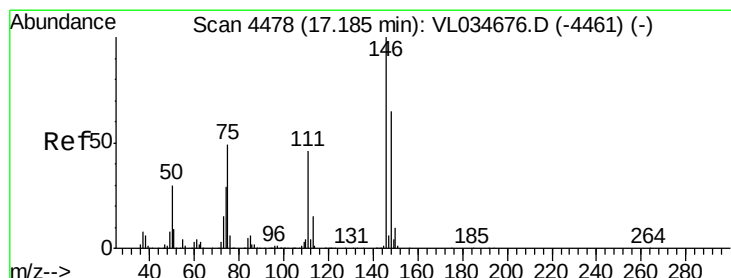
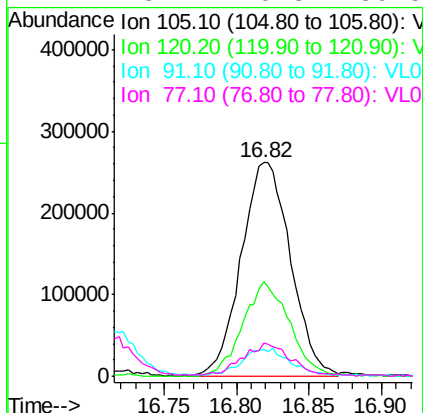
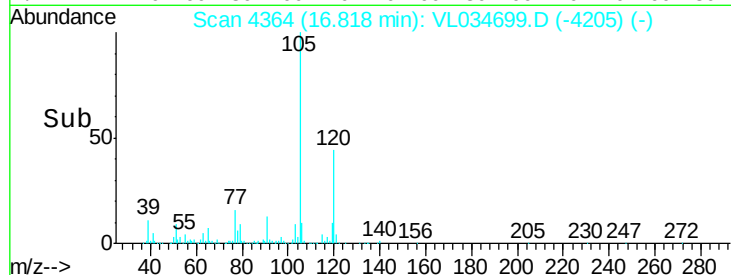
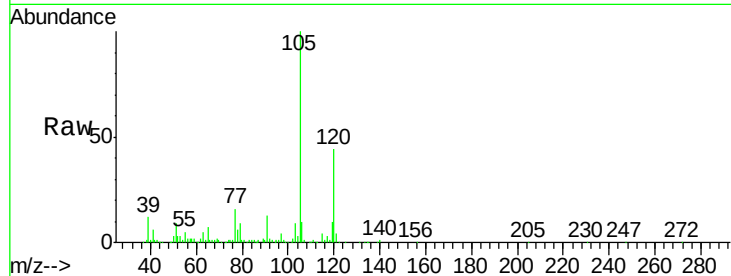
ClientSampleId :

EP-103

Tot Ion	Ratio	Resp	Lower	Upper
105	100	615615		
120	44.3	37.9	56.9	
91	12.0	43.9	65.9	
77	15.4	20.3	30.5	

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#76

1,4-Dichlorobenzene

Concen: 0.298 ppbv m

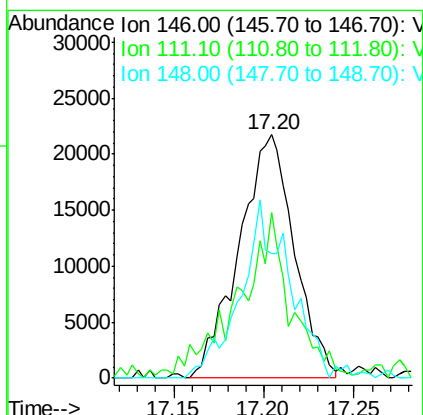
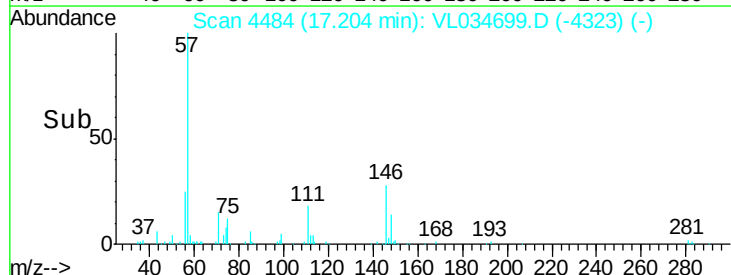
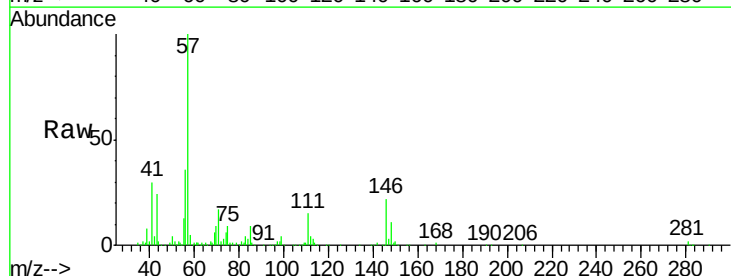
RT: 17.20 min Scan# 4484

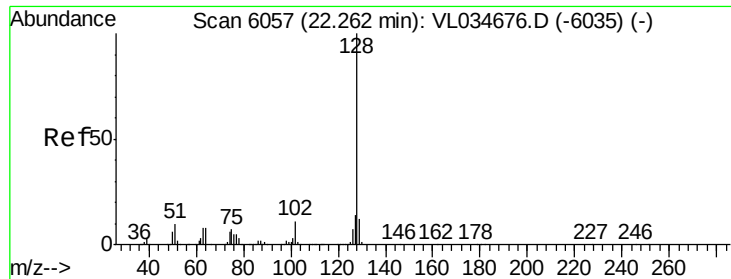
Delta R.T. 0.02 min

Lab File: VL034699.D

Acq: 26 Feb 2020 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	46362		
111	64.7	23.4	70.0	
148	66.3	31.9	95.5	





#79

Naphthalene

Concen: 0.374 ppbv m

RT: 22.29 min Scan# 6065

Delta R.T. 0.03 min

Lab File: VL034699.D

Acq: 26 Feb 2020 22:34

Instrument :

MSVOA_L

ClientSampleId :

EP-103

Tot Ion:	128	Resp:	88652
Ion Ratio	Lower	Upper	
128	100		
127	11.1	11.0	16.6
129	9.6	9.4	14.2

Manual Integrations
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