

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022720\
 Data File : VL034720.D
 Acq On : 27 Feb 2020 22:34
 Operator : SY/AP
 Sample : L1661-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1-MAIN-ELECT-RM

Manual Integrations
 APPROVED

MMDadoda
 2/28/2020 12:33:16 PM

Quant Time: Feb 28 11:38:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 28
 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	1104205	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2230154	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2307292	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1929513	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	131742	0.756	ppbv	98
9) Propene	2.99	41	95682m	1.921	ppbv	
10) Heptane	8.14	43	75934m	0.592	ppbv	
11) Trichlorofluoromethane	3.92	101	43134m	0.283	ppbv	
13) Ethanol	3.60	45	4619643	293.572	ppbv	100
15) Acetone	3.82	43	3042628	24.181	ppbv	98
17) tert-Butyl alcohol	4.30	59	500705	5.193	ppbv	99
19) Isopropyl Alcohol	3.97	45	4939635	65.908	ppbv #	98
20) Methylene Chloride	4.33	84	181237	3.873	ppbv	95
22) trans-1,2-Dichloroethene	4.88	96	9910m	0.211	ppbv	
26) Hexane	5.68	57	159820	1.557	ppbv #	57
29) Chloroform	5.75	83	86308	0.528	ppbv	93
30) Cyclohexane	7.13	84	31854m	0.400	ppbv	
31) cis-1,2-Dichloroethene	5.55	61	406352	4.022	ppbv	96
32) 1,1,1-Trichloroethane	6.52	97	27338m	0.179	ppbv	
34) 2-Butanone	5.24	43	387094	2.758	ppbv	96
35) Carbon Tetrachloride	7.03	117	11881m	0.080	ppbv	
36) Benzene	6.90	78	105496	0.548	ppbv #	92
38) Trichloroethene	7.85	130	410016	5.523	ppbv	95
41) Tetrahydrofuran	6.05	42	171479	2.314	ppbv	98
44) 2,2,4-Trimethylpentane	7.88	57	254879	0.757	ppbv #	80
50) 4-Methyl-2-Pentanone	8.77	43	88733	0.446	ppbv	99
52) Tetrachloroethene	11.26	164	10216m	0.145	ppbv	
53) Toluene	9.83	91	895287	4.370	ppbv	97
58) Ethyl Benzene	12.75	91	215233	0.771	ppbv	91
59) m/p-Xylene	13.00	91	709693	2.915	ppbv	99
60) o-Xylene	13.73	91	272753	1.129	ppbv	99
61) Styrene	13.57	104	19604m	0.126	ppbv	
64) n-propylbenzene	15.60	120	16597m	0.183	ppbv	
65) tert-Butylbenzene	16.81	119	38920m	0.128	ppbv	
69) p-Isopropyltoluene	17.70	119	494546	1.372	ppbv	94
72) 4-Ethyltoluene	15.88	105	82385	0.306	ppbv #	92
73) 1,3,5-Trimethylbenzene	16.05	105	75388m	0.291	ppbv	
74) 1,2,4-Trimethylbenzene	16.81	105	343402m	1.202	ppbv	
76) 1,4-Dichlorobenzene	17.18	146	27773m	0.168	ppbv	
79) Naphthalene	22.27	128	52361m	0.208	ppbv	

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

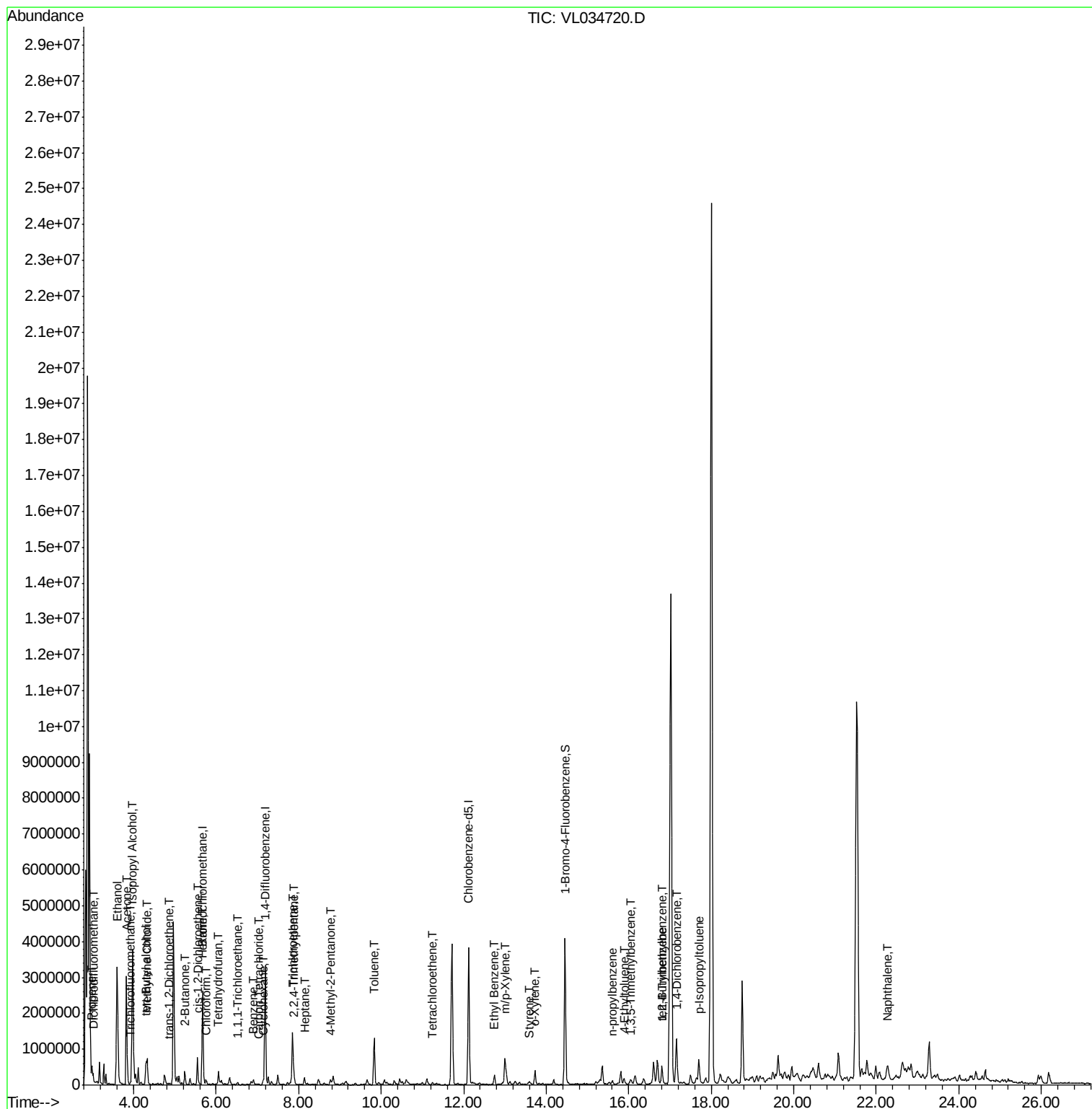
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL022720\
Data File : VL034720.D
Acq On : 27 Feb 2020 22:34
Operator : SY/AP
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Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

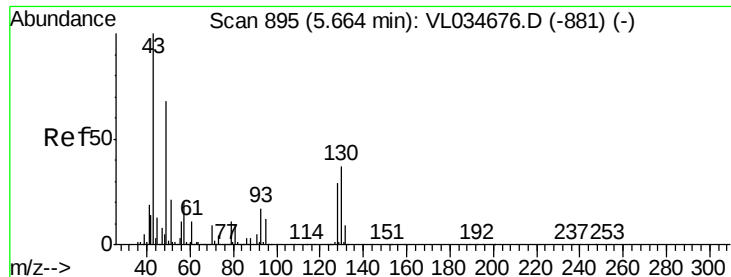
Instrument :
MSVOA_L
ClientSampleId :
SG-1-MAIN-ELECT-RM

Manual Integrations APPROVED

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Quant Time: Feb 28 11:38:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb
QLast Update : Wed Feb 26 06:58:15 2020
Response via : Initial Calibration





#1

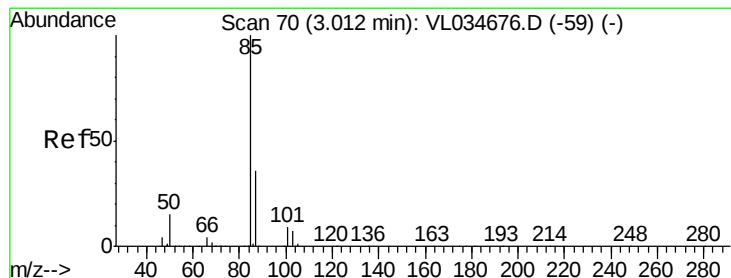
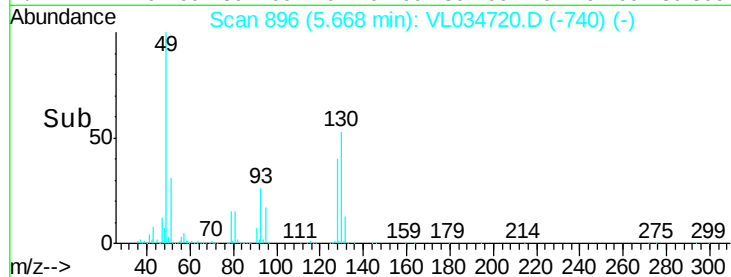
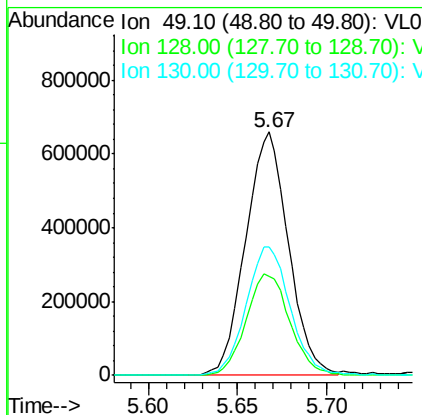
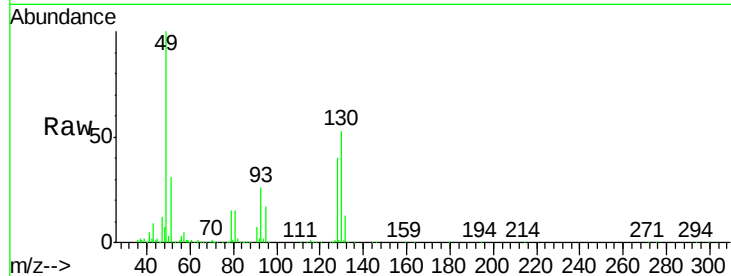
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: VL034720.D
 Acq: 27 Feb 2020 22:34

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1-MAIN-ELECT-RM

Tot Ion: 49 Resp: 1104205
 Ion Ratio Lower Upper
 49 100
 128 42.7 21.6 65.0
 130 55.0 27.7 83.1

Manual Integrations
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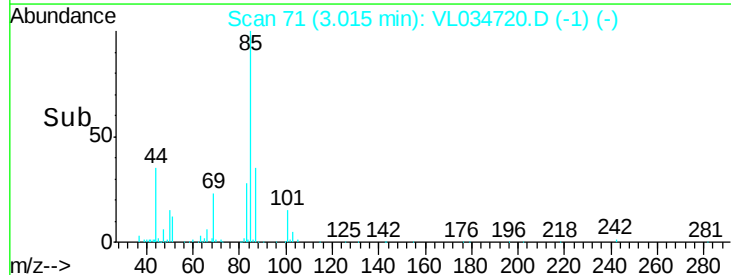
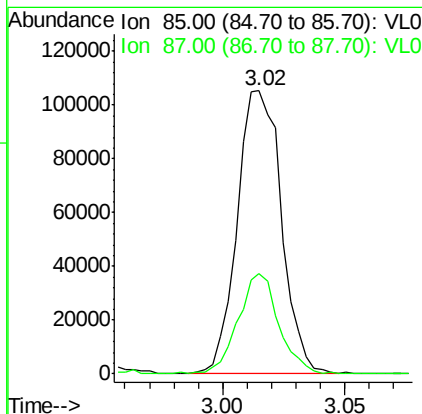
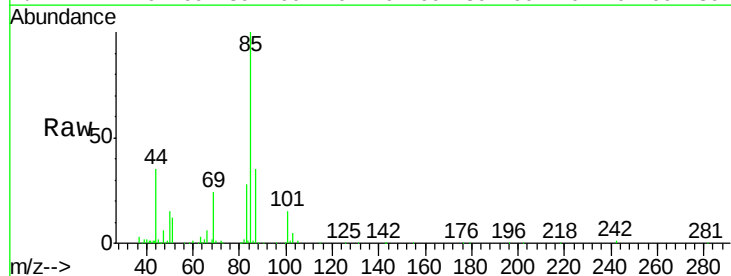
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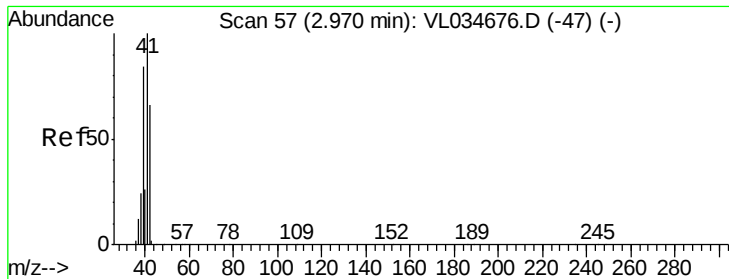


#2

Dichlorodifluoromethane
 Concen: 0.756 ppbv
 RT: 3.02 min Scan# 71
 Delta R.T. 0.00 min
 Lab File: VL034720.D
 Acq: 27 Feb 2020 22:34

Tgt Ion: 85 Resp: 131742
 Ion Ratio Lower Upper
 85 100
 87 35.3 29.2 43.8





#9

Propene

Concen: 1.921 ppbv m

RT: 2.99 min Scan# 62

Delta R.T. 0.02 min

Lab File: VL034720.D

Acq: 27 Feb 2020 22:34

Instrument :

MSVOA_L

ClientSampleId :

SG-1-MAIN-ELECT-RM

Tot Ion: 41 Resp: 95682

Ion Ratio Lower Upper

41 100

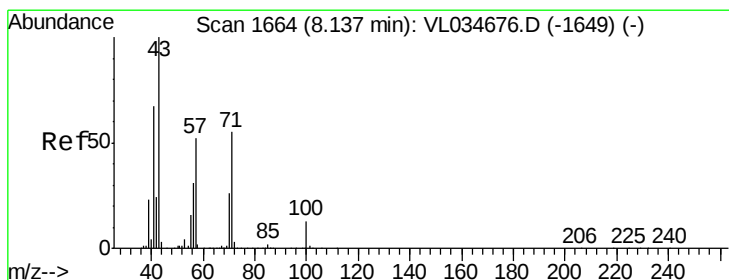
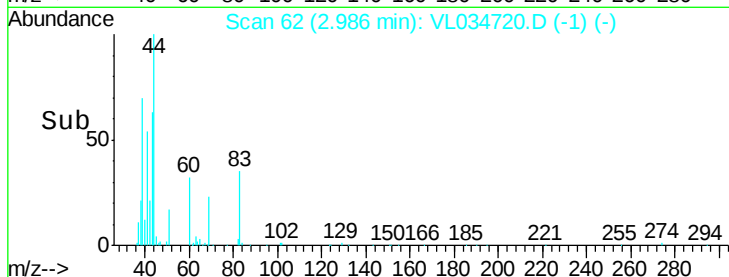
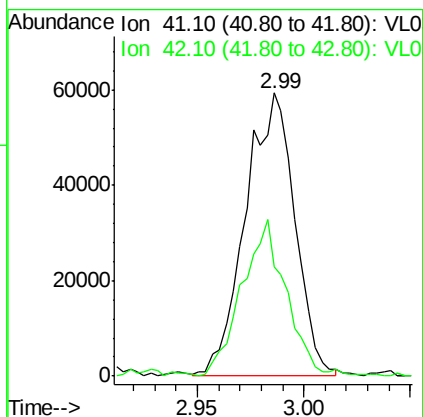
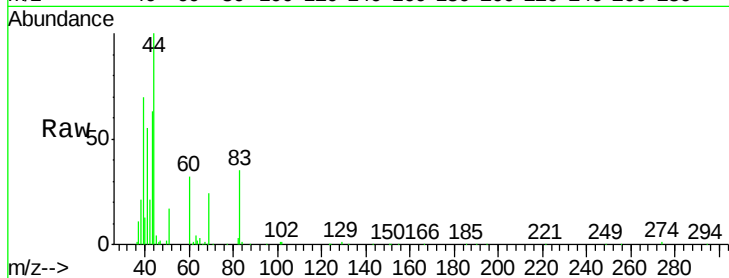
42 100.4 54.9 82.3#

Manual Integrations

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#10

Heptane

Concen: 0.592 ppbv m

RT: 8.14 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VL034720.D

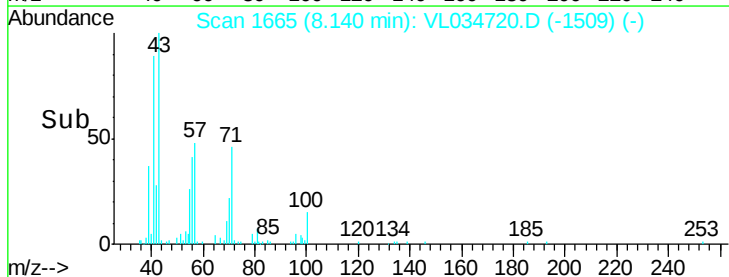
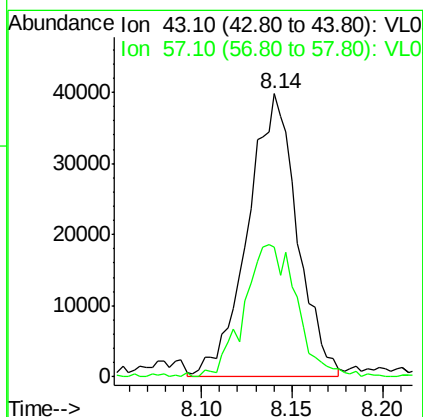
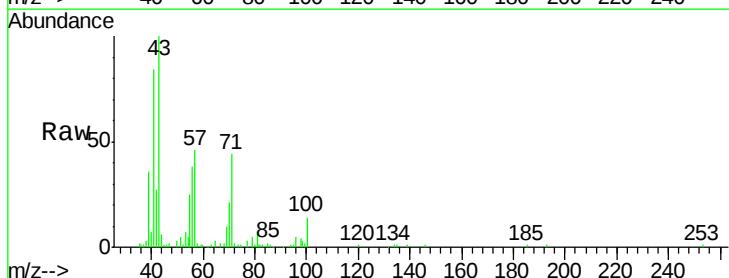
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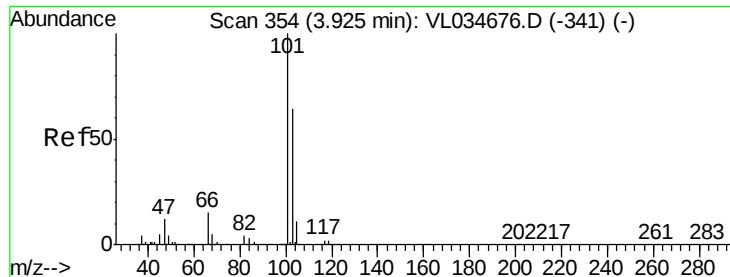
Tgt Ion: 43 Resp: 75934

Ion Ratio Lower Upper

43 100

57 50.1 41.0 61.6





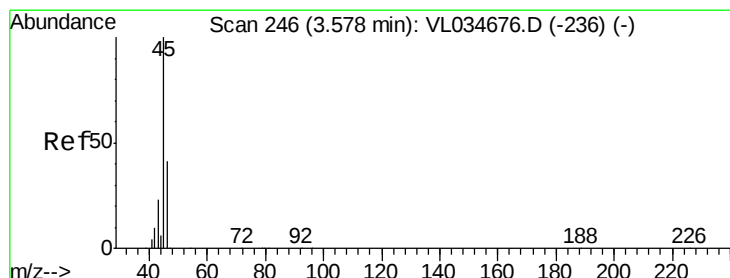
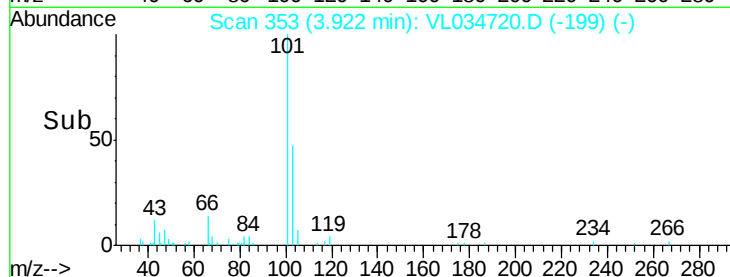
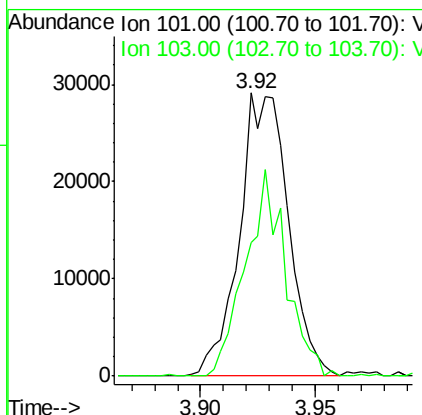
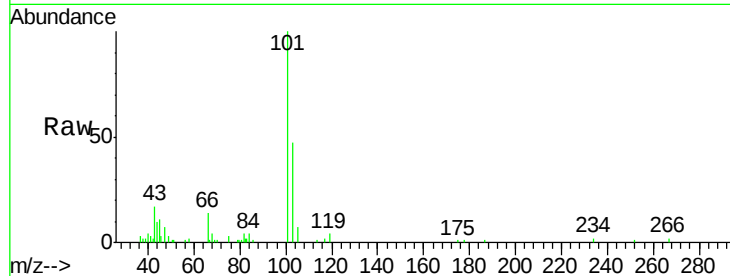
#11
 Trichlorofluoromethane
 Concen: 0.283 ppbv m
 RT: 3.92 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VL034720.D
 Acq: 27 Feb 2020 22:34

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1-MAIN-ELECT-RM

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43134	101	100			
76.8#	103	47.3	51.2		

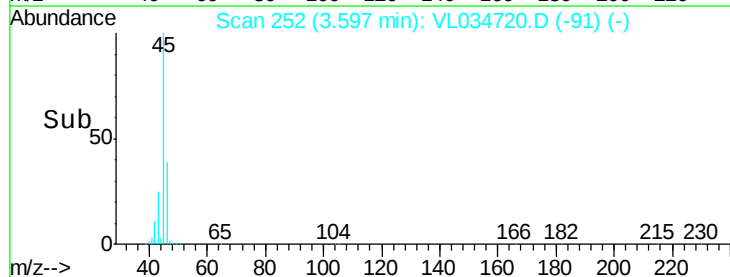
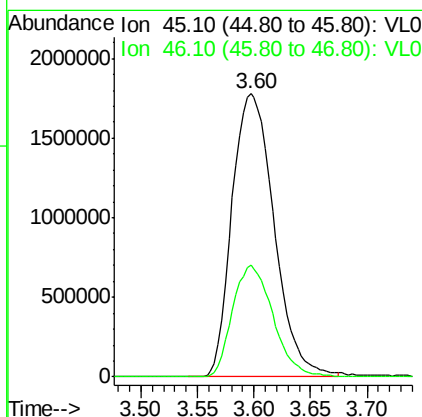
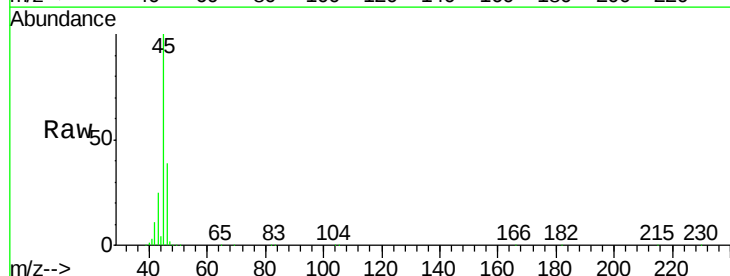
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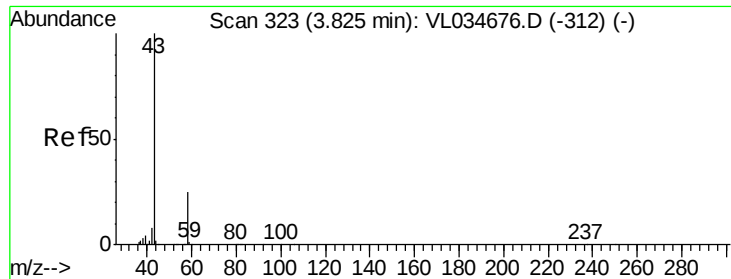
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#13
 Ethanol
 Concen: 293.572 ppbv
 RT: 3.60 min Scan# 252
 Delta R.T. 0.02 min
 Lab File: VL034720.D
 Acq: 27 Feb 2020 22:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
4619643	45	100			
61.4	46	38.3	15.4		





#15

Acetone

Concen: 24.181 ppbv

RT: 3.82 min Scan# 322

Delta R.T. -0.00 min

Lab File: VL034720.D

Acq: 27 Feb 2020 22:34

Instrument :

MSVOA_L

ClientSampleId :

SG-1-MAIN-ELECT-RM

Tot Ion: 43 Resp: 3042628

Ion Ratio Lower Upper

43 100

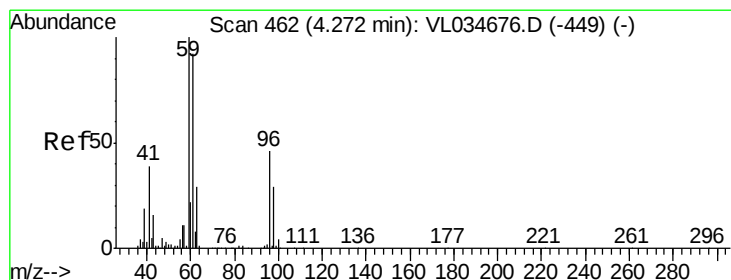
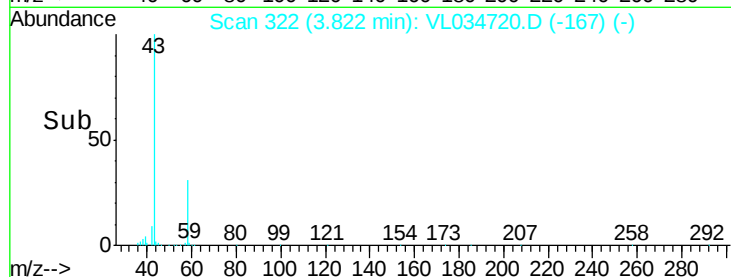
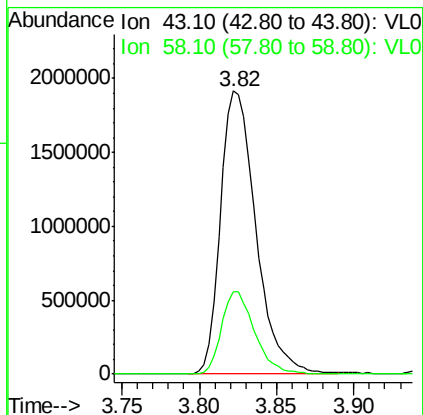
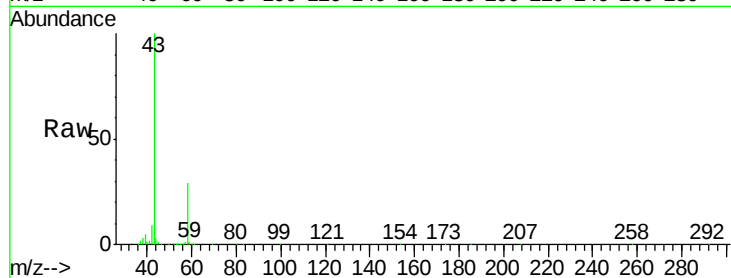
58 27.5 21.4 32.0

Manual Integrations

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#17

tert-Butyl alcohol

Concen: 5.193 ppbv

RT: 4.30 min Scan# 471

Delta R.T. 0.03 min

Lab File: VL034720.D

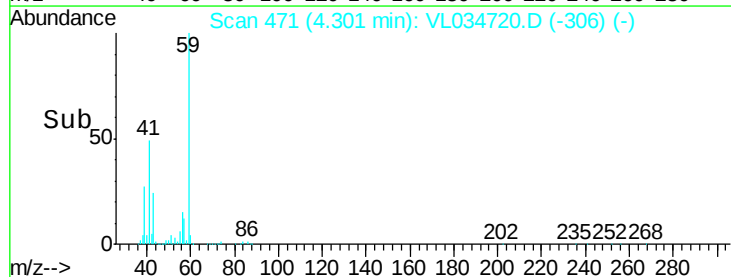
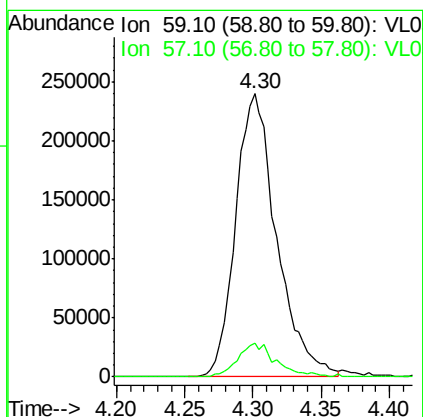
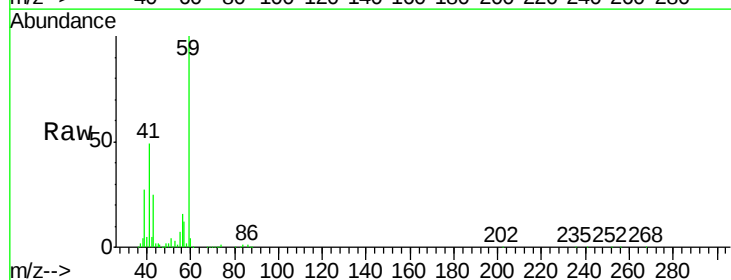
Acq: 27 Feb 2020 22:34

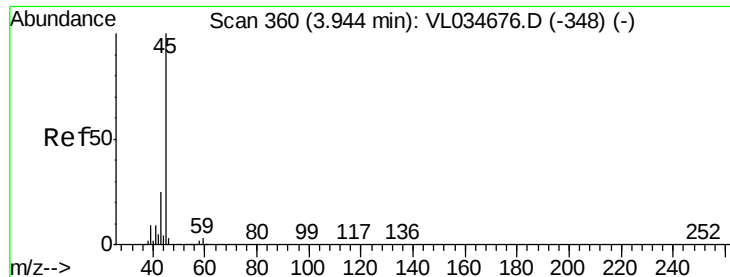
Tgt Ion: 59 Resp: 500705

Ion Ratio Lower Upper

59 100

57 11.4 8.8 13.2





#19

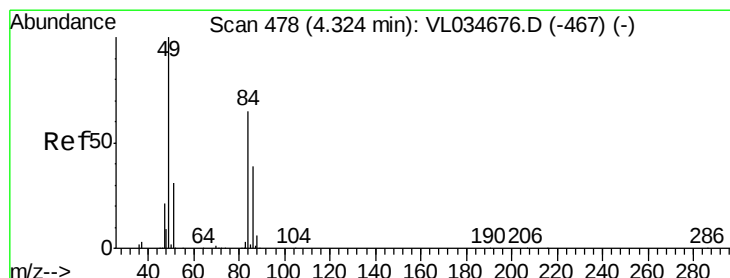
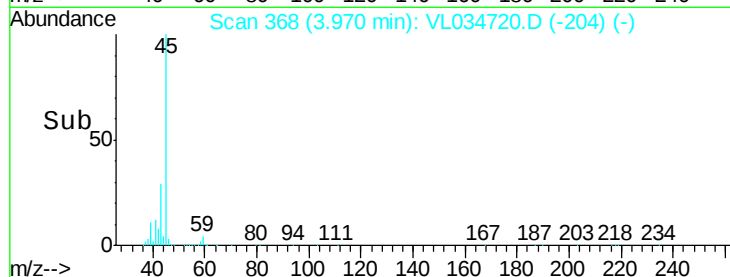
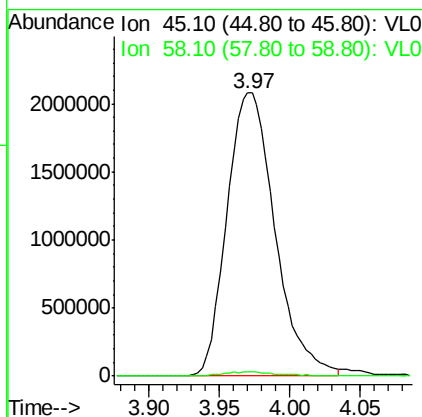
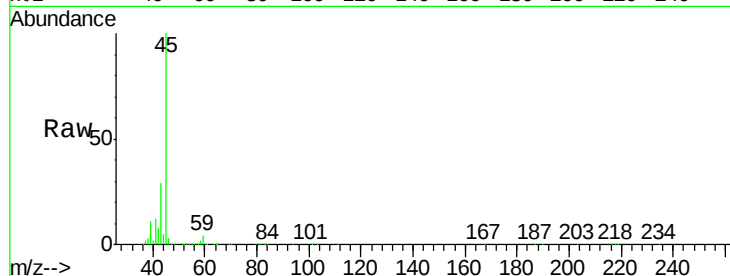
Isopropyl Alcohol
 Concen: 65.908 ppbv
 RT: 3.97 min Scan# 368
 Delta R.T. 0.03 min
 Lab File: VL034720.D
 Acq: 27 Feb 2020 22:34

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1-MAIN-ELECT-RM

Tot Ion: 45 Resp: 4939635
 Ion Ratio Lower Upper
 45 100
 58 1.7 1.8 2.6#

Manual Integrations
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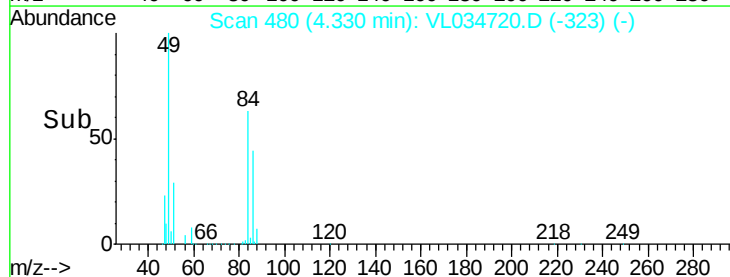
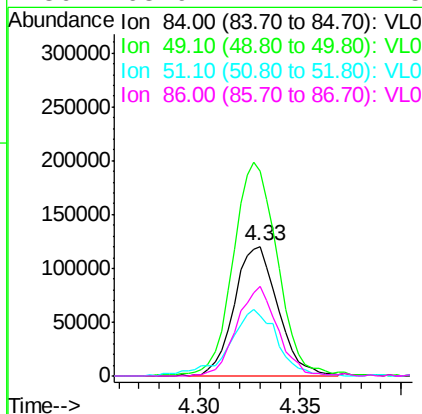
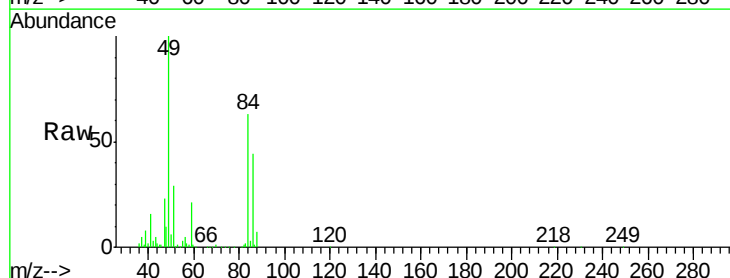
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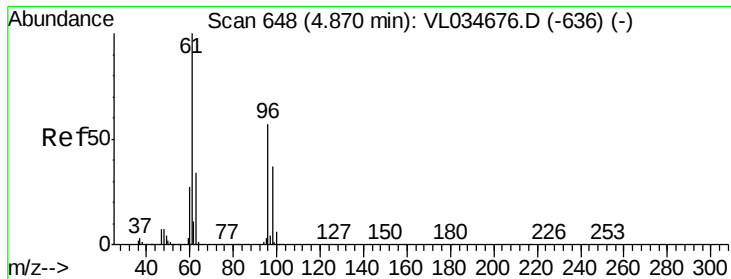


#20

Methylene Chloride
 Concen: 3.873 ppbv
 RT: 4.33 min Scan# 480
 Delta R.T. 0.01 min
 Lab File: VL034720.D
 Acq: 27 Feb 2020 22:34

Tgt Ion: 84 Resp: 181237
 Ion Ratio Lower Upper
 84 100
 49 156.4 122.8 184.2
 51 44.9 38.6 58.0
 86 68.9 47.7 71.5





#22

trans-1,2-Dichloroethene

Concen: 0.211 ppbv m

RT: 4.88 min Scan# 651

Delta R.T. 0.01 min

Lab File: VL034720.D

Acq: 27 Feb 2020 22:34

Instrument :

MSVOA_L

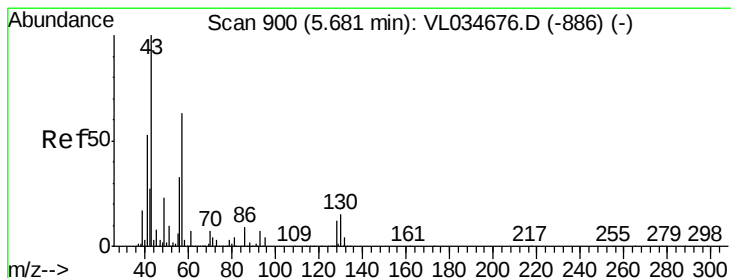
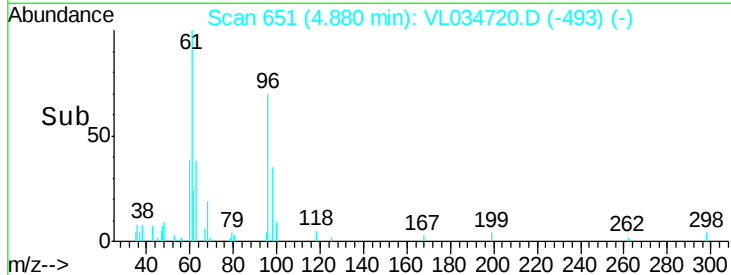
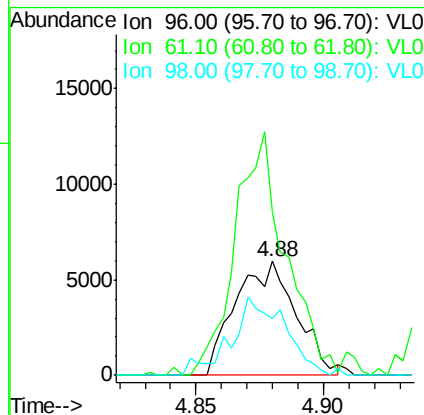
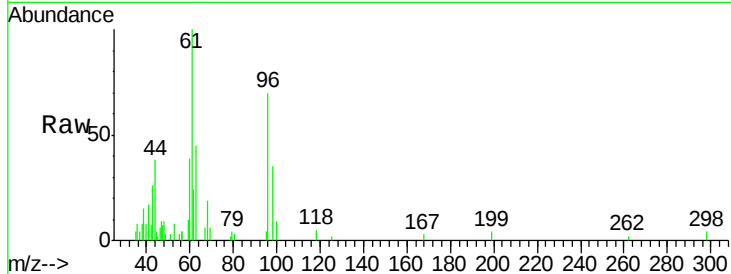
ClientSampleId :

SG-1-MAIN-ELECT-RM

Tot Ion:	96	Resp:	9910
Ion	Ratio	Lower	Upper
96	100		
61	142.6	139.4	209.0
98	49.3	51.3	76.9#

Manual Integrations
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#26

Hexane

Concen: 1.557 ppbv

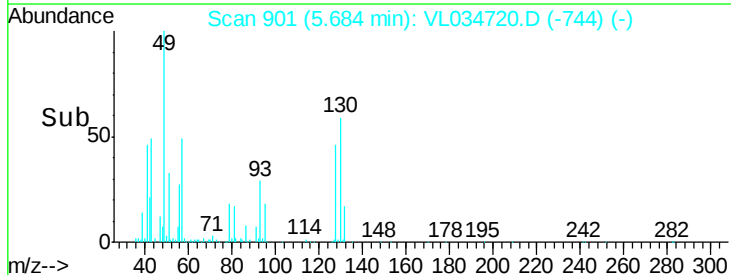
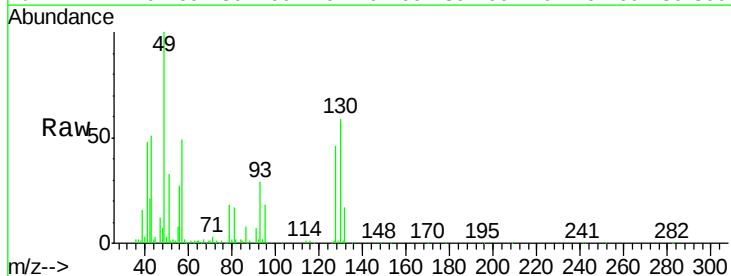
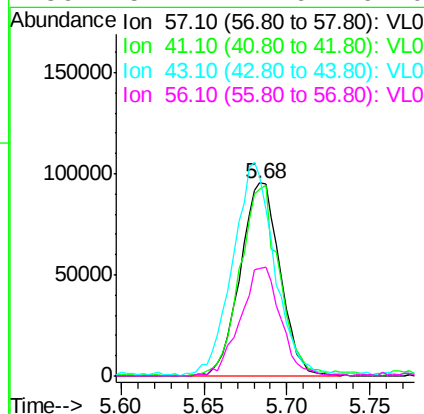
RT: 5.68 min Scan# 901

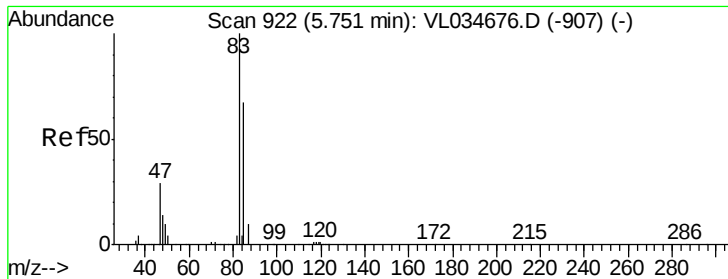
Delta R.T. 0.00 min

Lab File: VL034720.D

Acq: 27 Feb 2020 22:34

Tgt Ion:	57	Resp:	159820
Ion	Ratio	Lower	Upper
57	100		
41	98.8	70.3	105.5
43	117.4	177.0	265.4#
56	57.1	42.6	64.0





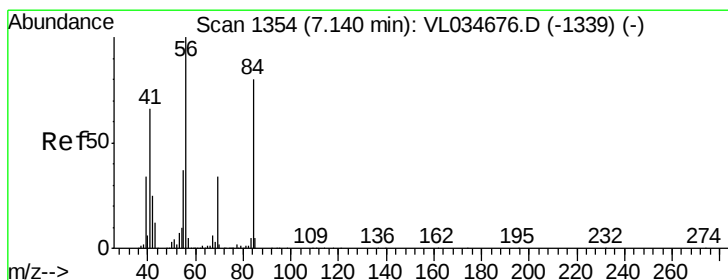
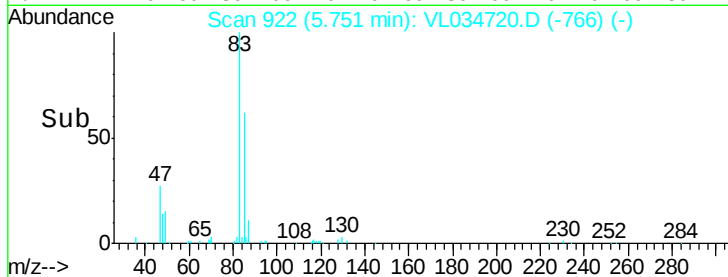
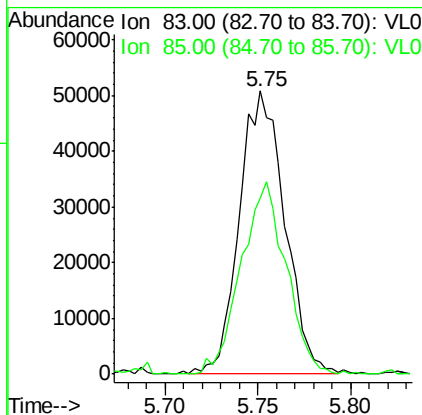
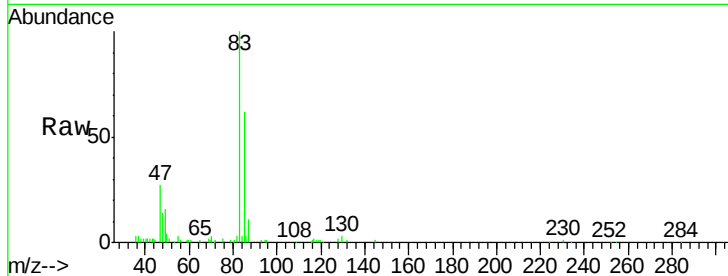
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Chloroform
Concen: 0.528 ppbv
RT: 5.75 min Scan# 922
Delta R.T. -0.00 min
Lab File: VL034720.D
Acq: 27 Feb 2020 22:34

Instrument :
MSVOA_L
ClientSampleId :
SG-1-MAIN-ELECT-RM

Tot Ion	83	Resp	86308
Ion Ratio	100	Lower	Upper
85	62.1	53.9	80.9

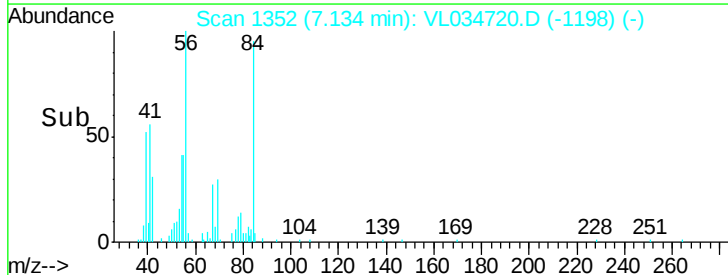
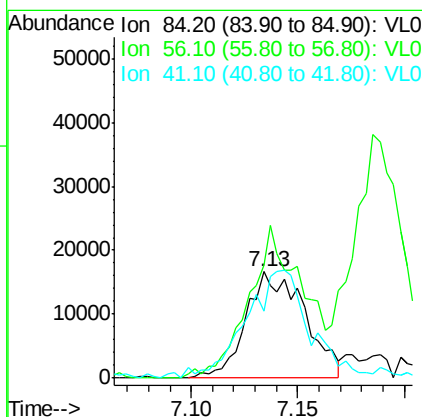
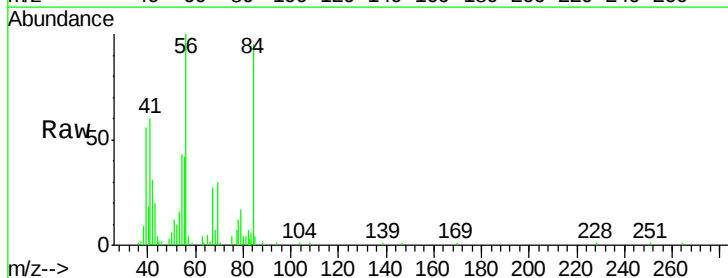
Manual Integrations
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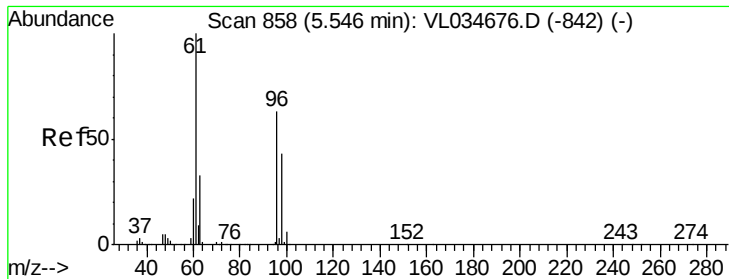
MMDadoda
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#30
Cyclohexane
Concen: 0.400 ppbv m
RT: 7.13 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL034720.D
Acq: 27 Feb 2020 22:34

Tgt Ion	84	Resp	31854
Ion Ratio	100	Lower	Upper
56	0.0	113.4	170.2#
41	107.9	68.2	102.4#





#31

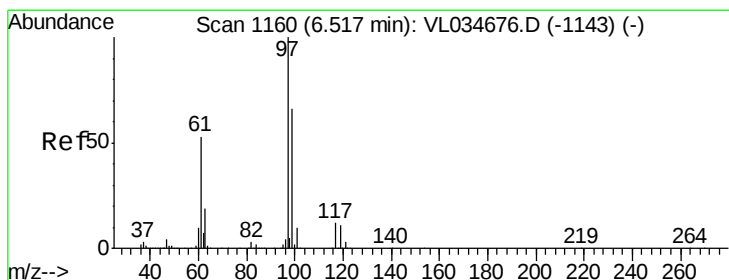
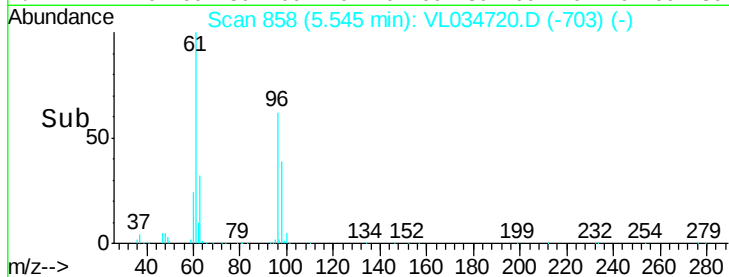
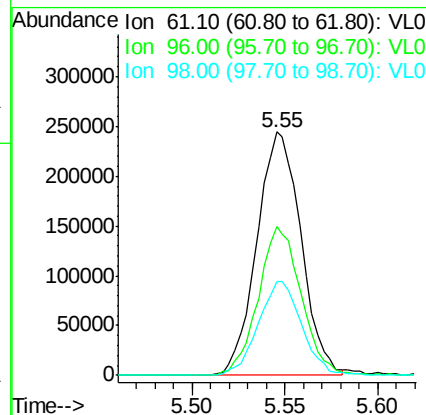
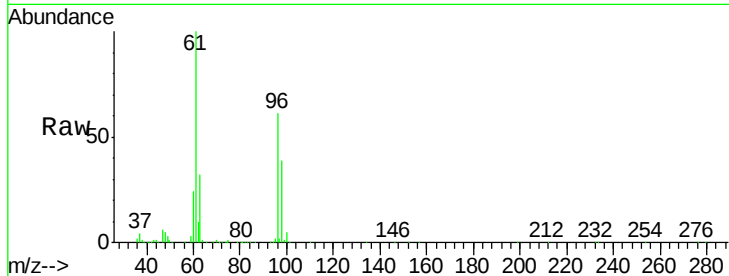
cis-1,2-Dichloroethene
 Concen: 4.022 ppbv
 RT: 5.55 min Scan# 858
 Delta R.T. -0.00 min
 Lab File: VL034720.D
 Acq: 27 Feb 2020 22:34

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1-MAIN-ELECT-RM

Tot Ion	Ratio	Resp	Lower	Upper
61	100	406352		
96	61.3		50.2	75.2
98	38.5		34.3	51.5

Manual Integrations
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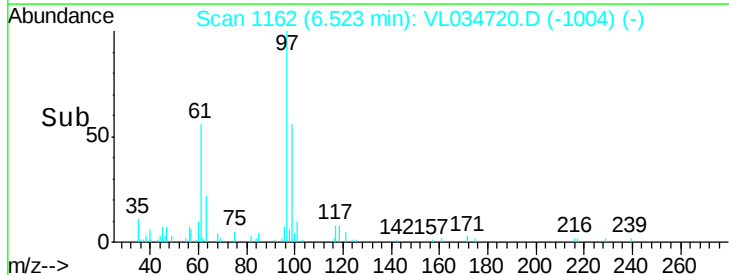
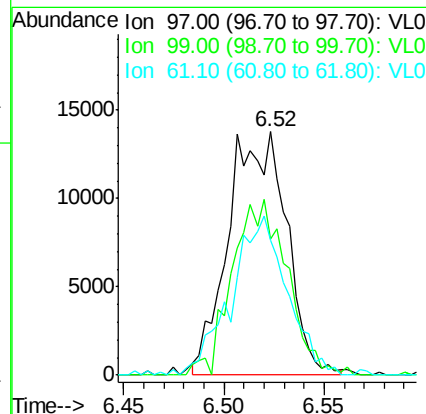
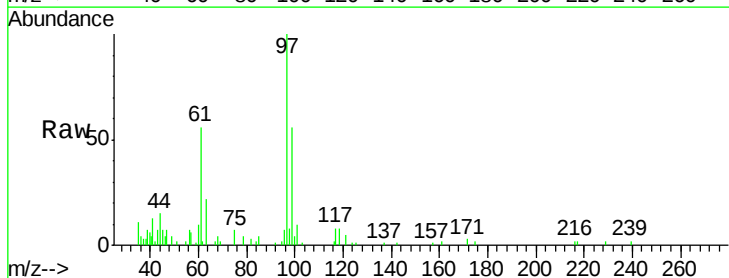
MMDadoda
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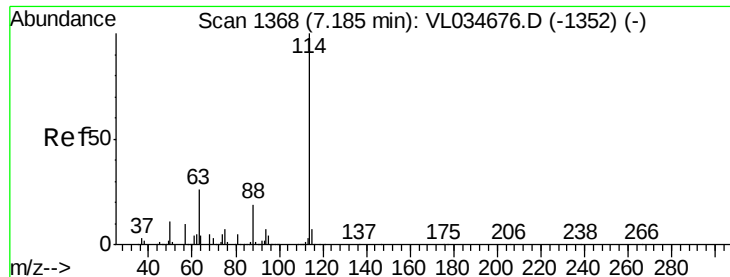


#32

1,1,1-Trichloroethane
 Concen: 0.179 ppbv m
 RT: 6.52 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VL034720.D
 Acq: 27 Feb 2020 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	27338		
99	68.7		52.3	78.5
61	63.9		42.8	64.2





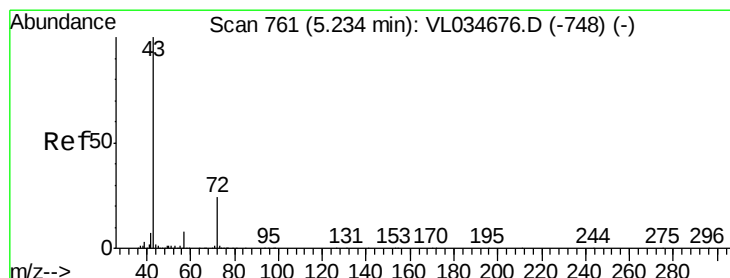
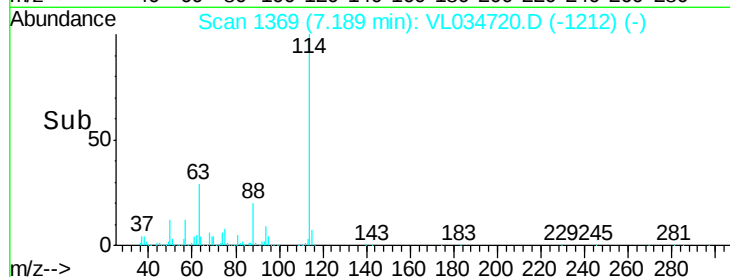
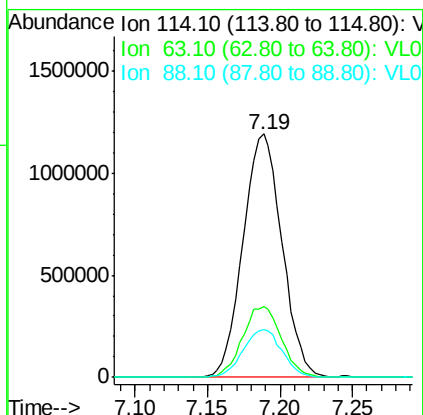
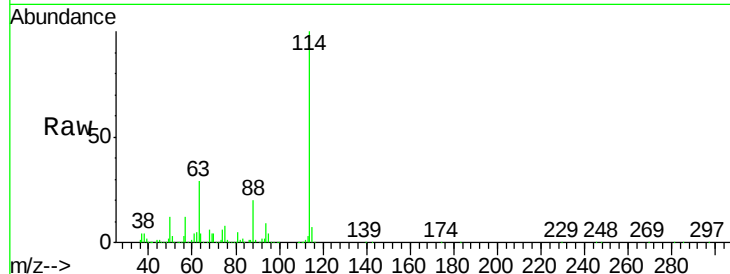
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VL034720.D
 Acq: 27 Feb 2020 22:34

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1-MAIN-ELECT-RM

Tot Ion	Ratio	Lower	Upper
114	100		
63	29.2	22.9	34.3
88	19.8	15.8	23.6

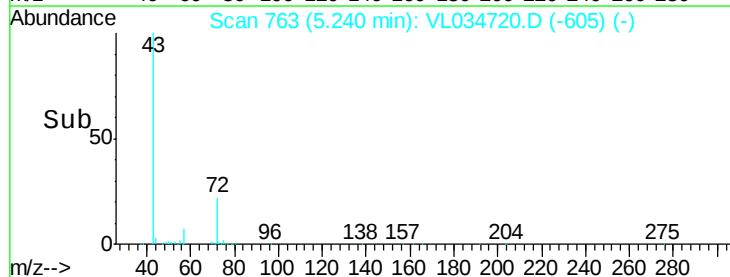
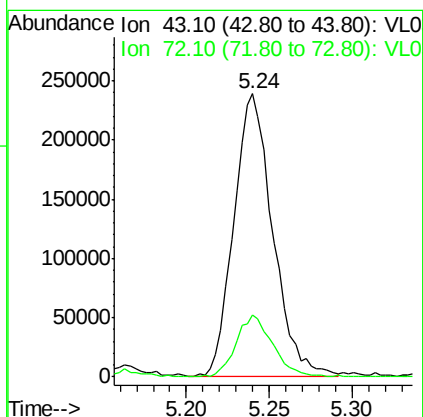
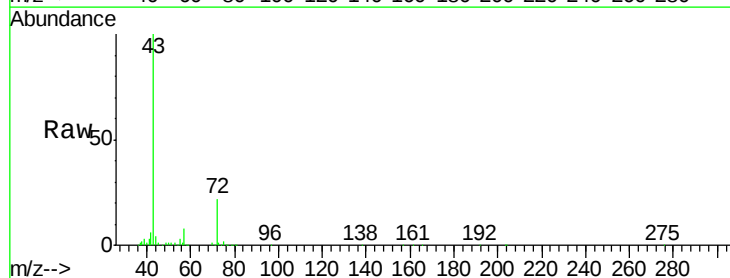
Manual Integrations
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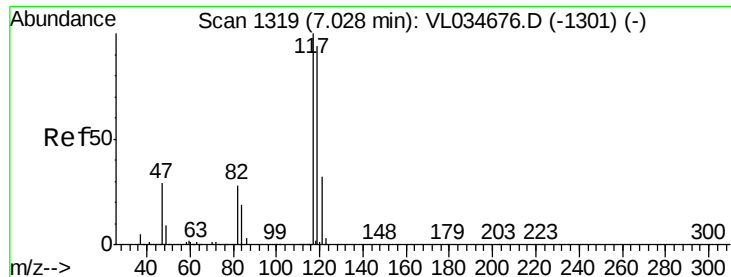
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#34
 2-Butanone
 Concen: 2.758 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: VL034720.D
 Acq: 27 Feb 2020 22:34

Tgt Ion	Ratio	Lower	Upper
43	100		
72	20.8	18.2	27.2





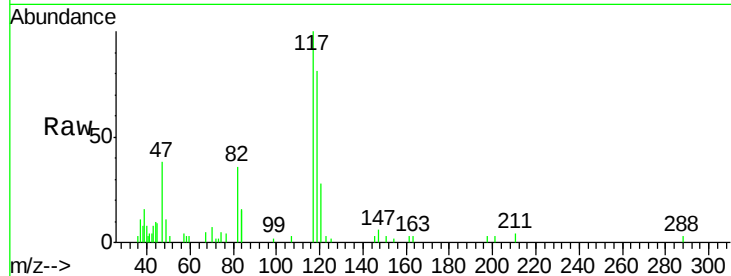
#35
Carbon Tetrachloride
Concen: 0.080 ppbv m
RT: 7.03 min Scan# 1319
Delta R.T. -0.00 min
Lab File: VL034720.D
Acq: 27 Feb 2020 22:34

Instrument :
MSVOA_L
ClientSampleId :
SG-1-MAIN-ELECT-RM

Tot Ion	Ratio	Lower	Upper
117	100		
119	81.2	75.5	113.3
121	27.9	25.4	38.0

Manual Integrations
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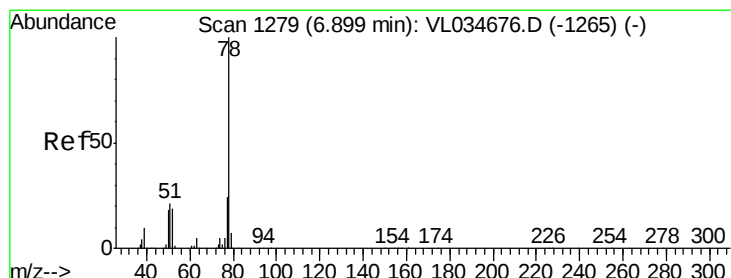
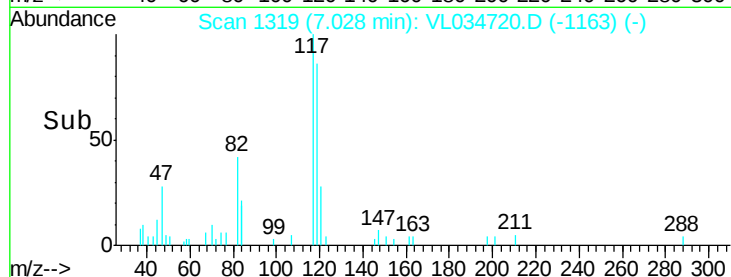
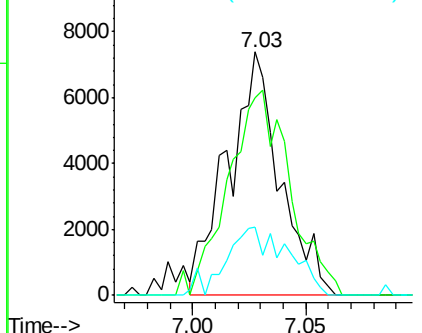


Abundance

Ion 117.00 (116.70 to 117.70): V

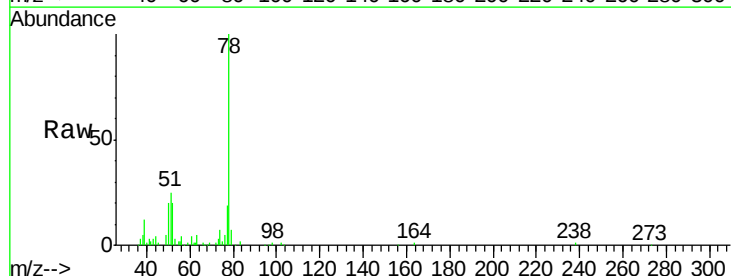
Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36
Benzene
Concen: 0.548 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. -0.00 min
Lab File: VL034720.D
Acq: 27 Feb 2020 22:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	18.7	19.5	29.3#
50	19.4	14.6	21.8

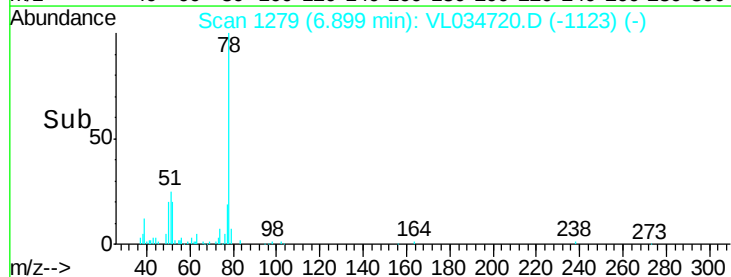
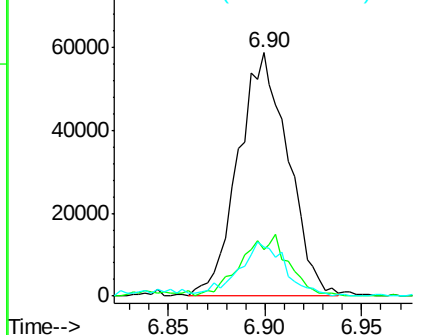


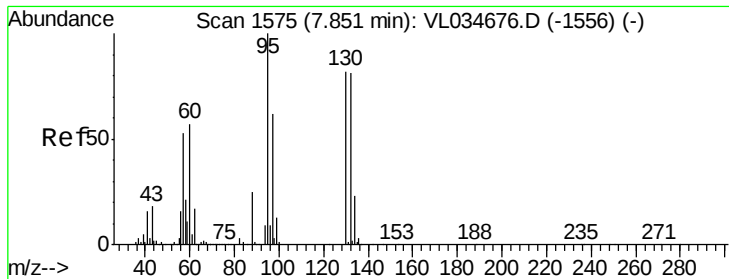
Abundance

Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





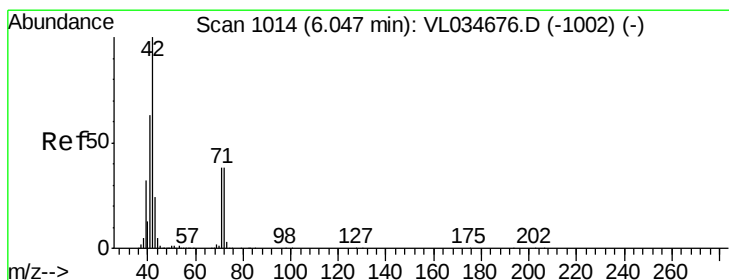
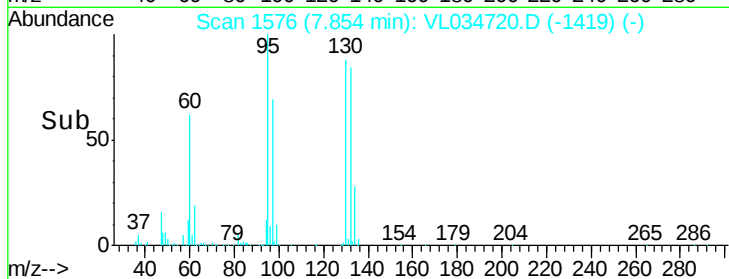
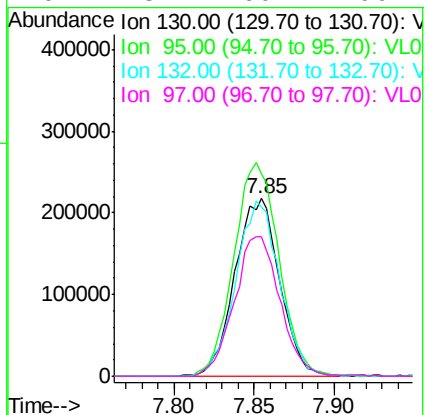
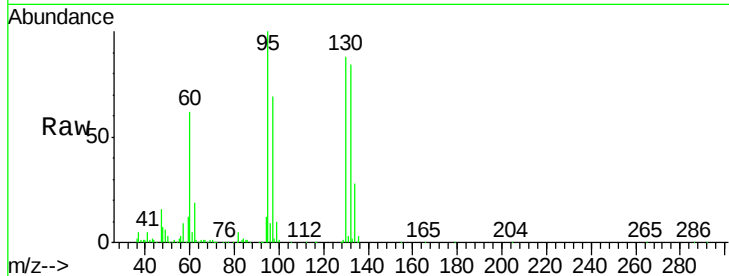
#38
 Trichloroethene
 Concen: 5.523 ppbv
 RT: 7.85 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: VL034720.D
 Acq: 27 Feb 2020 22:34

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1-MAIN-ELECT-RM

Tot Ion	Ratio	Resp	Lower	Upper
130	100	410016		
95	114.0		97.1	145.7
132	95.3		78.3	117.5
97	78.7		60.1	90.1

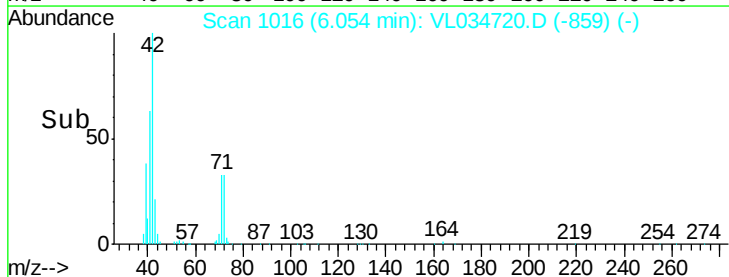
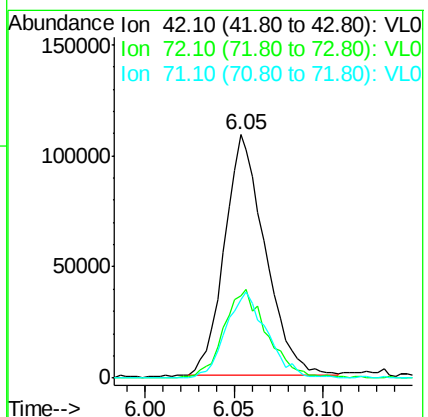
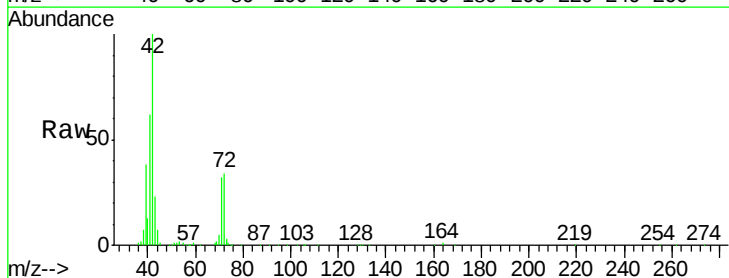
Manual Integrations
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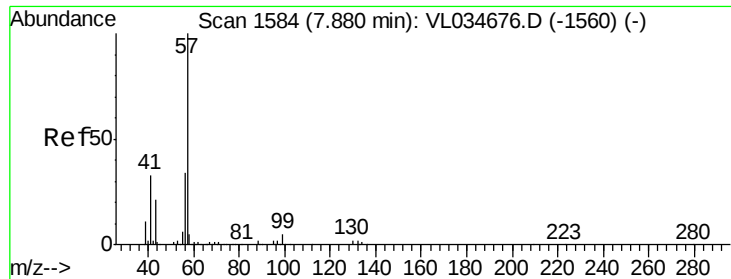
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#41
 Tetrahydrofuran
 Concen: 2.314 ppbv
 RT: 6.05 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: VL034720.D
 Acq: 27 Feb 2020 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	171479		
72	39.4		31.7	47.5
71	36.7		30.7	46.1





#44

2,2,4-Trimethylpentane

Concen: 0.757 ppbv

RT: 7.88 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VL034720.D

Acq: 27 Feb 2020 22:34

Instrument :

MSVOA_L

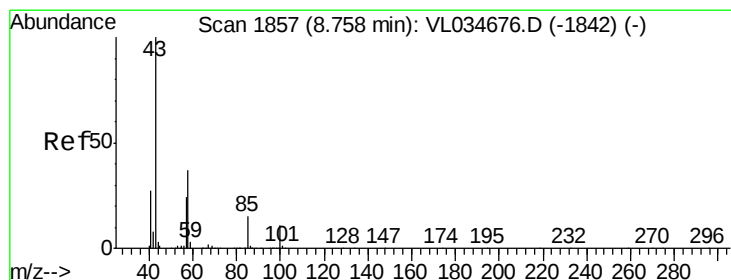
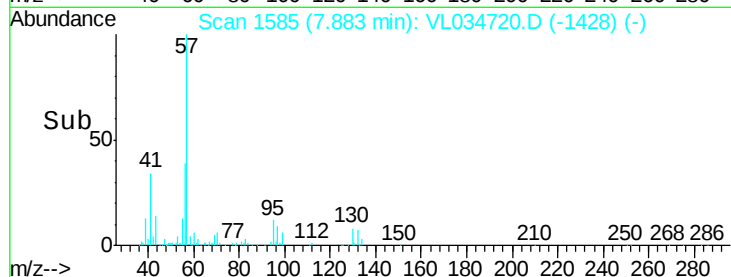
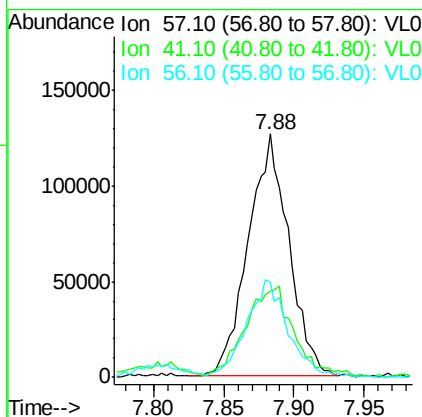
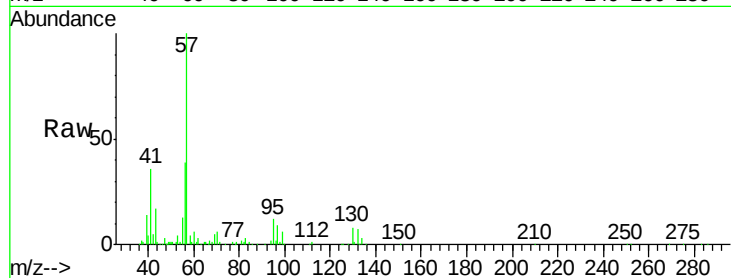
ClientSampleId :

SG-1-MAIN-ELECT-RM

Tot Ion	57	Resp	254879
Ion Ratio	Lower	Upper	
57	100		
41	45.6	26.0	39.0#
56	41.6	25.6	38.4#

Manual Integrations
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#50

4-Methyl-2-Pentanone

Concen: 0.446 ppbv

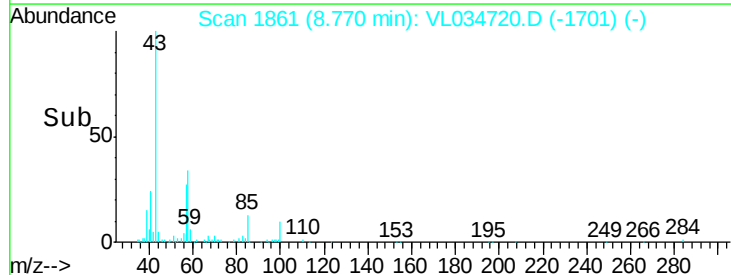
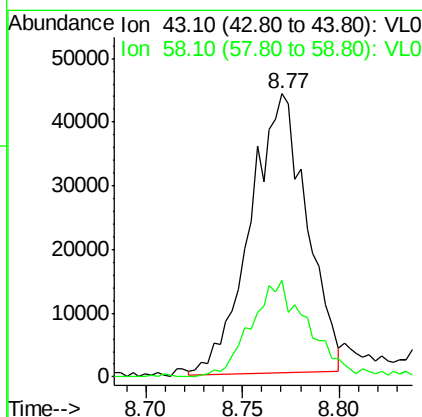
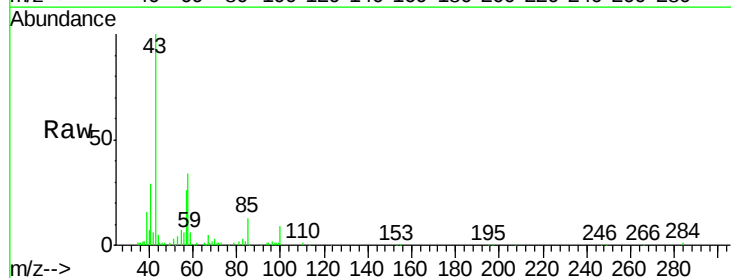
RT: 8.77 min Scan# 1861

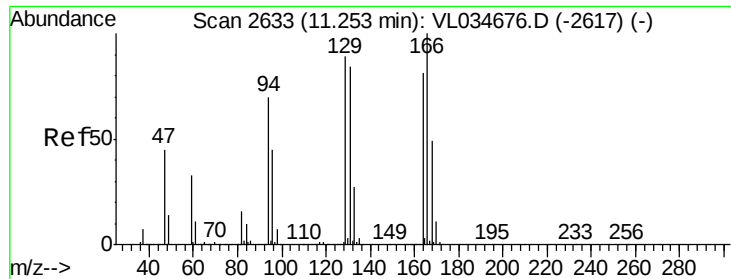
Delta R.T. 0.01 min

Lab File: VL034720.D

Acq: 27 Feb 2020 22:34

Tgt Ion	43	Resp	88733
Ion Ratio	Lower	Upper	
43	100		
58	37.1	29.0	43.6





#52

Tetrachloroethene

Concen: 0.145 ppbv m

RT: 11.26 min Scan# 2635

Delta R.T. 0.01 min

Lab File: VL034720.D

Acq: 27 Feb 2020 22:34

Instrument :

MSVOA_L

ClientSampleId :

SG-1-MAIN-ELECT-RM

Tot Ion:164 Resp: 10216

Ion Ratio Lower Upper

164 100

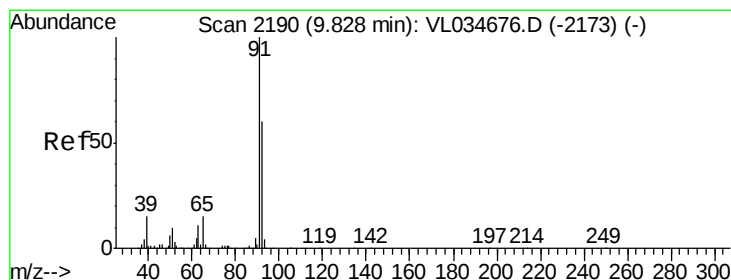
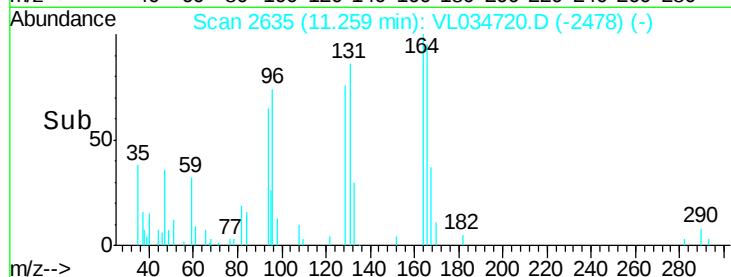
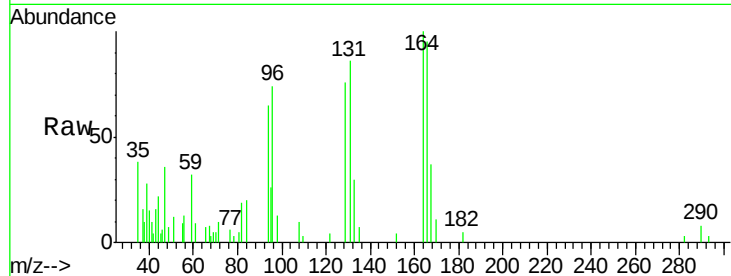
166 94.9 99.2 148.8#

129 75.7 88.0 132.0#

131 86.2 83.7 125.5

Manual Integrations
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#53

Toluene

Concen: 4.370 ppbv

RT: 9.83 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VL034720.D

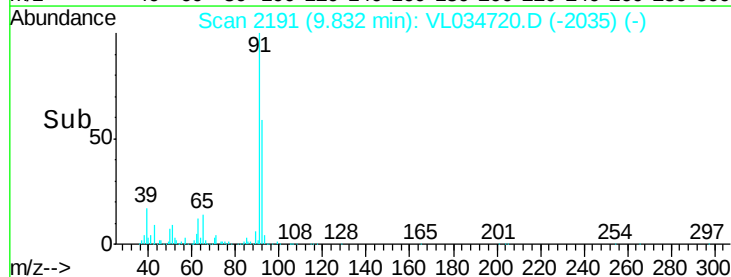
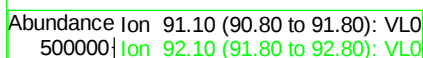
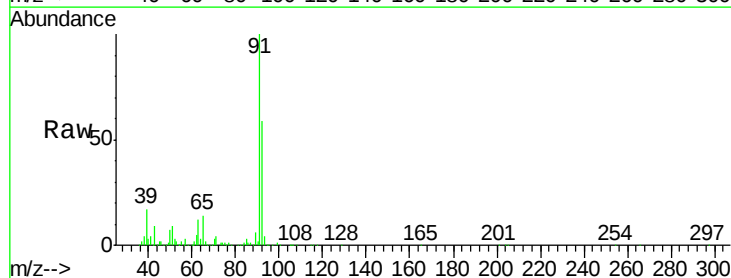
Acq: 27 Feb 2020 22:34

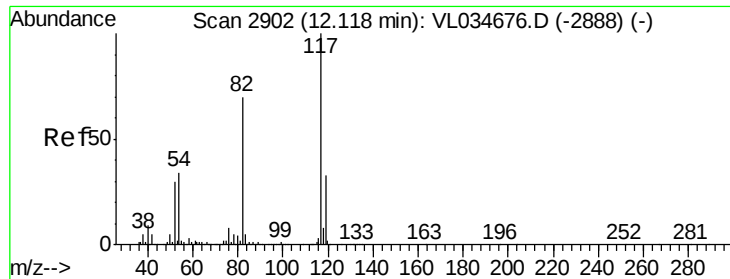
Tgt Ion: 91 Resp: 895287

Ion Ratio Lower Upper

91 100

92 58.6 48.5 72.7





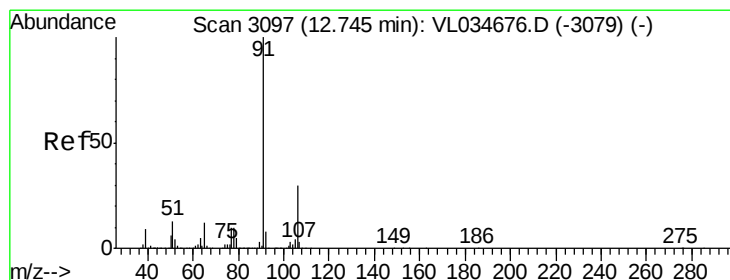
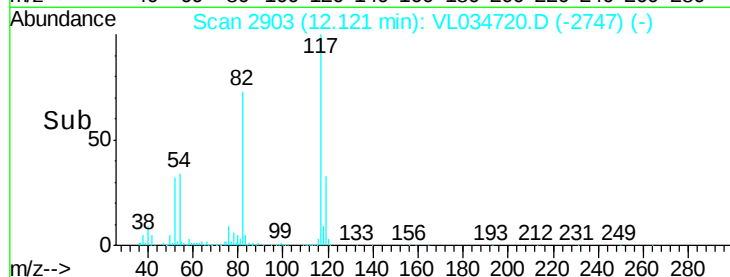
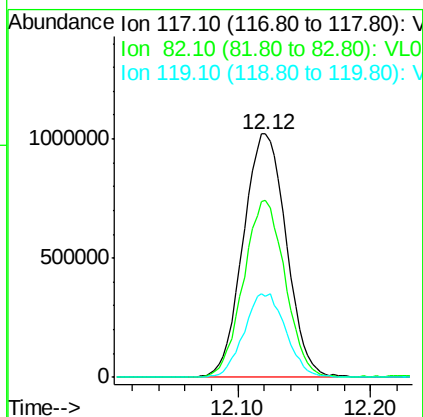
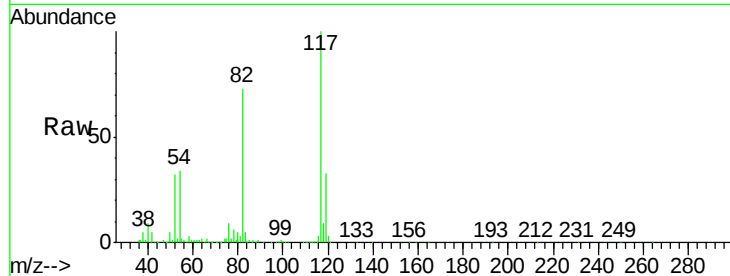
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.00 min
Lab File: VL034720.D
Acq: 27 Feb 2020 22:34

Instrument :
MSVOA_L
ClientSampleId :
SG-1-MAIN-ELECT-RM

Tot Ion	Ratio	Lower	Upper
117	100		
82	70.4	54.1	81.1
119	33.3	27.6	41.4

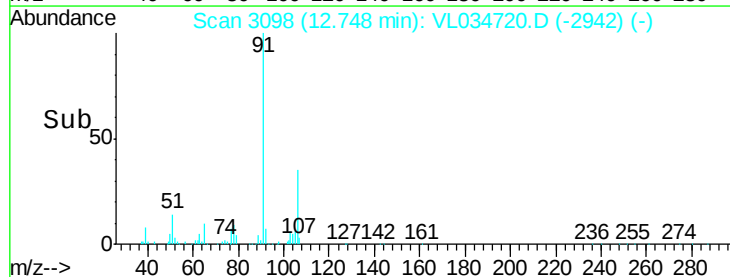
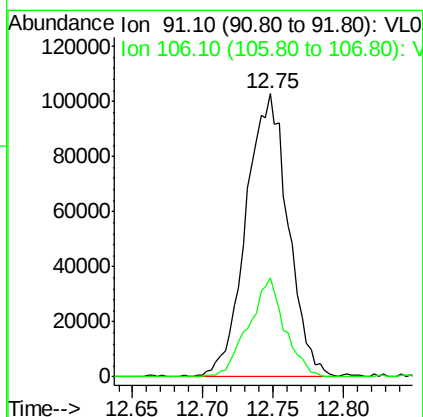
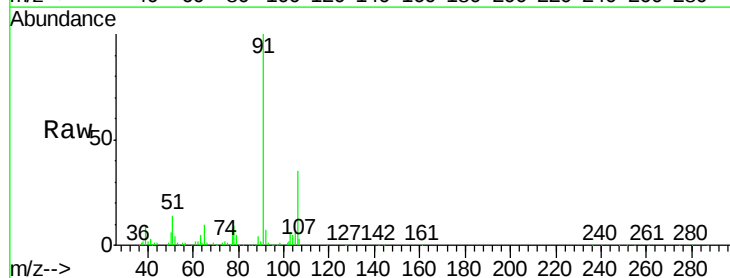
Manual Integrations
APPROVED

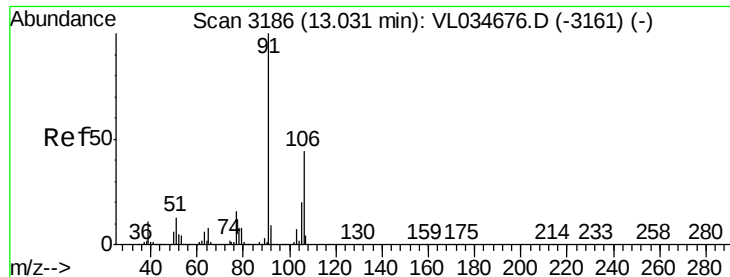
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#58
Ethyl Benzene
Concen: 0.771 ppbv
RT: 12.75 min Scan# 3098
Delta R.T. 0.00 min
Lab File: VL034720.D
Acq: 27 Feb 2020 22:34

Tgt Ion	Ratio	Lower	Upper
91	100		
106	34.8	24.0	36.0





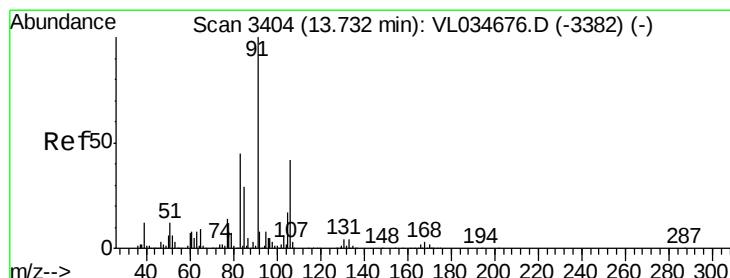
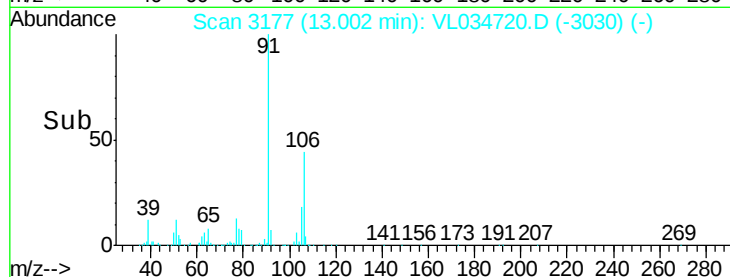
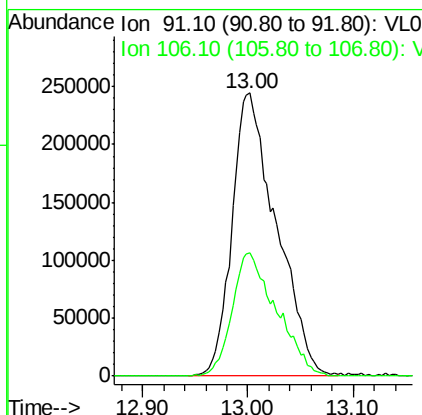
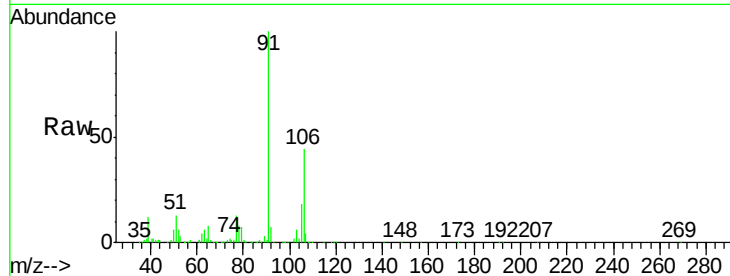
#59
m/p-Xylene
Concen: 2.915 ppbv
RT: 13.00 min Scan# 3177
Delta R.T. -0.03 min
Lab File: VL034720.D
Acq: 27 Feb 2020 22:34

Instrument :
MSVOA_L
ClientSampleId :
SG-1-MAIN-ELECT-RM

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		709693		
106	43.8	35.6	53.4		

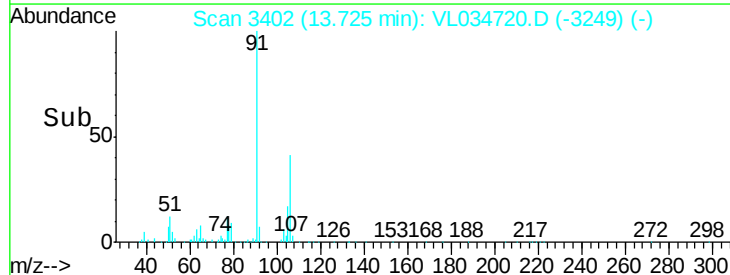
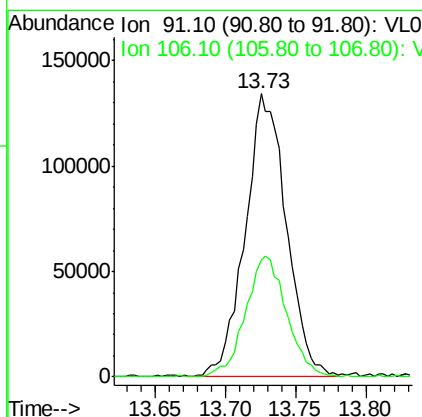
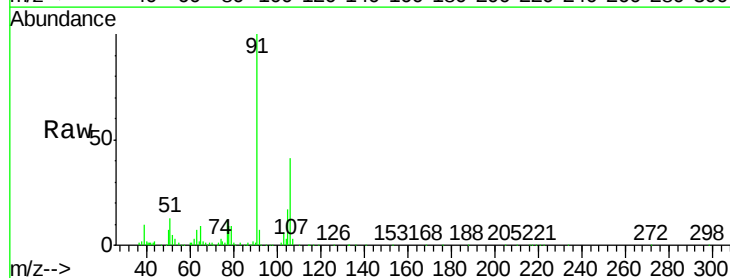
Manual Integrations
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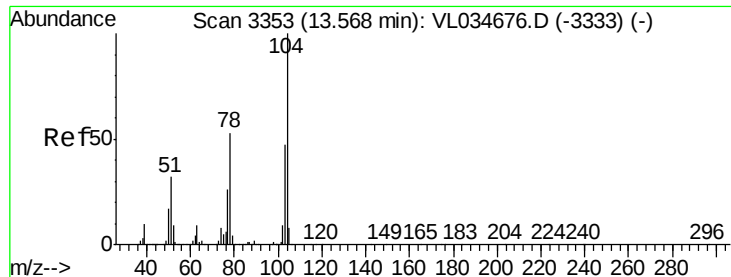
MMDadoda
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#60
o-Xylene
Concen: 1.129 ppbv
RT: 13.73 min Scan# 3402
Delta R.T. -0.01 min
Lab File: VL034720.D
Acq: 27 Feb 2020 22:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		272753		
106	43.0	21.9	65.5		





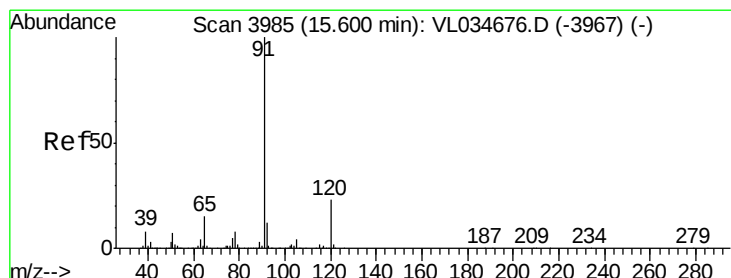
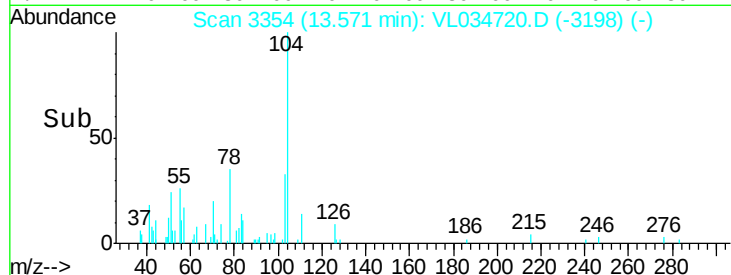
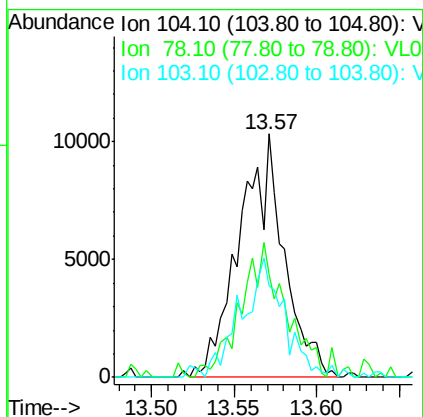
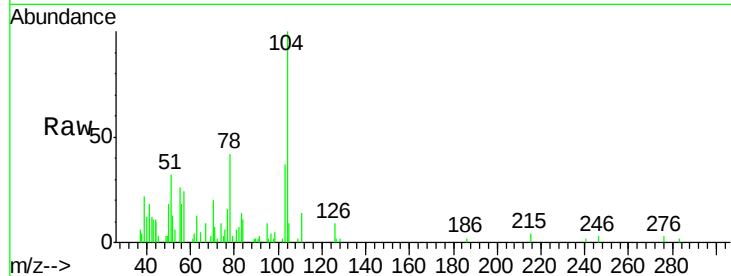
#61
Stvrene
Concen: 0.126 ppbv m
RT: 13.57 min Scan# 3354
Delta R.T. 0.00 min
Lab File: VL034720.D
Acq: 27 Feb 2020 22:34

Instrument :
MSVOA_L
ClientSampleId :
SG-1-MAIN-ELECT-RM

Tot Ion	Ratio	Lower	Upper
104	100		
78	57.1	44.2	66.4
103	47.9	37.4	56.0

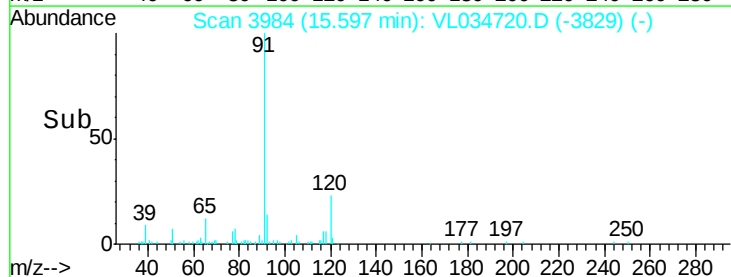
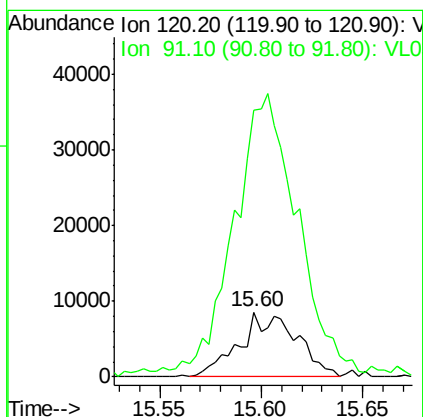
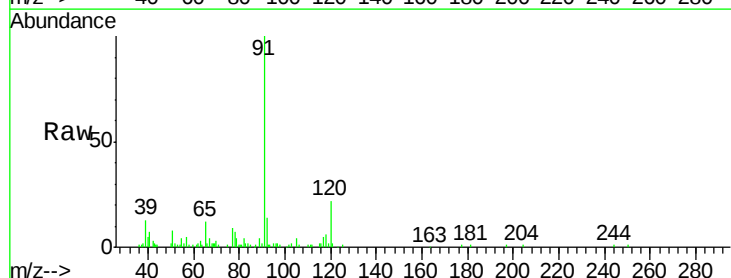
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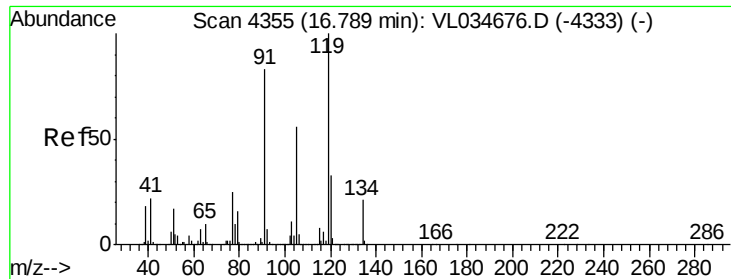
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#64
n-propylbenzene
Concen: 0.183 ppbv m
RT: 15.60 min Scan# 3984
Delta R.T. -0.00 min
Lab File: VL034720.D
Acq: 27 Feb 2020 22:34

Tgt Ion	Ratio	Lower	Upper
120	100		
91	508.0	369.8	554.8





#65

tert-Butylbenzene

Concen: 0.128 ppbv m

RT: 16.81 min Scan# 4360

Delta R.T. 0.02 min

Lab File: VL034720.D

Acq: 27 Feb 2020 22:34

Instrument :

MSVOA_L

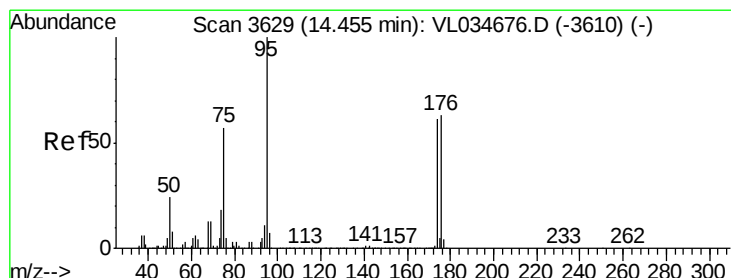
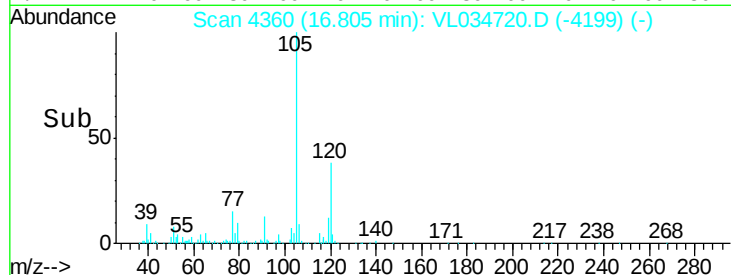
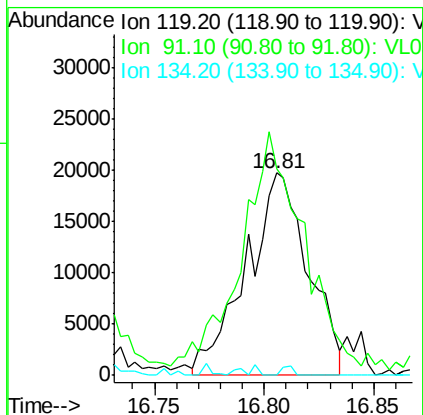
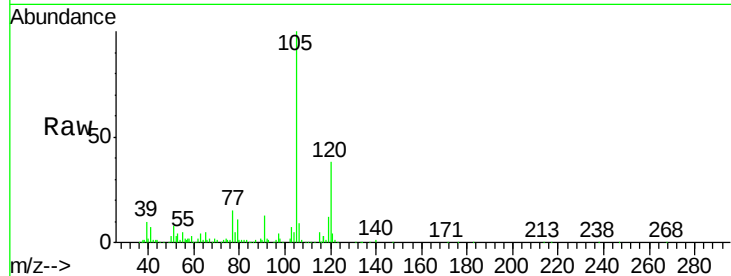
ClientSampleId :

SG-1-MAIN-ELECT-RM

Tot Ion	Ratio	Lower	Upper
119	100		
91	134.5	69.1	103.7#
134	0.0	15.8	23.8#

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.199 ppbv

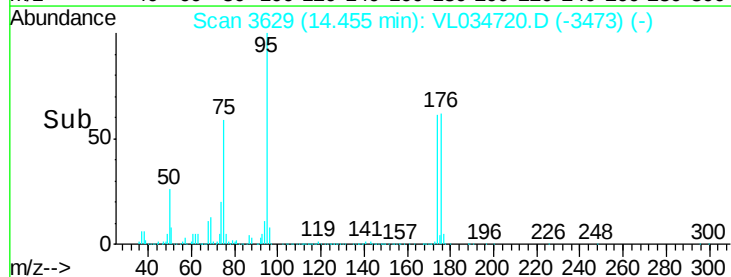
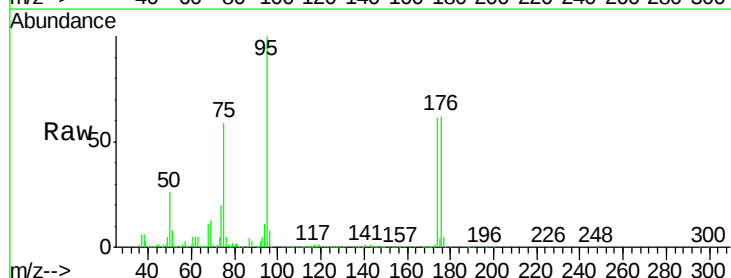
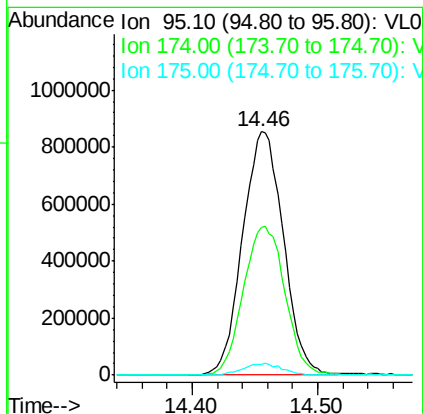
RT: 14.46 min Scan# 3629

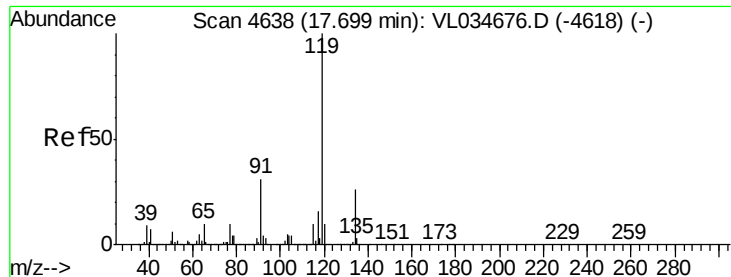
Delta R.T. -0.00 min

Lab File: VL034720.D

Acq: 27 Feb 2020 22:34

Tgt Ion	Ratio	Lower	Upper
95	100		
174	62.4	50.7	76.1
175	4.6	3.9	5.9





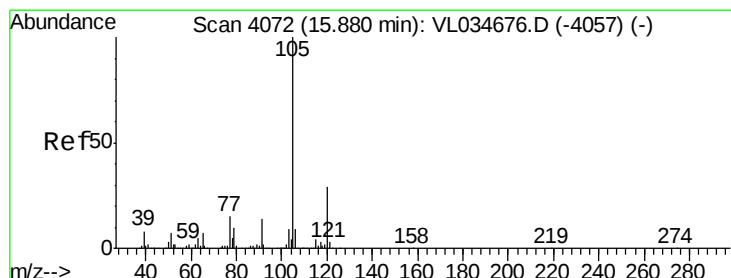
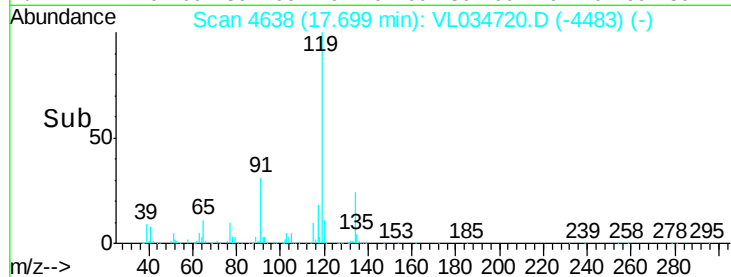
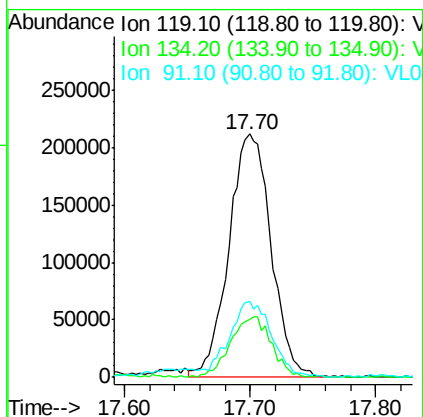
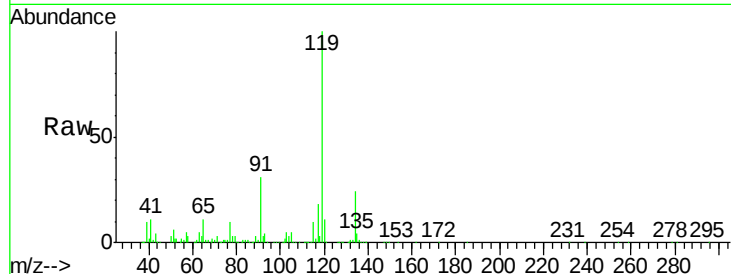
#69
 p-Isopropyltoluene
 Concen: 1.372 ppbv
 RT: 17.70 min Scan# 4638
 Delta R.T. -0.00 min
 Lab File: VL034720.D
 Acq: 27 Feb 2020 22:34

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1-MAIN-ELECT-RM

Tot Ion	Ratio	Resp	Lower	Upper
119	100	494546		
134	24.2	20.6	31.0	
91	36.0	25.3	37.9	

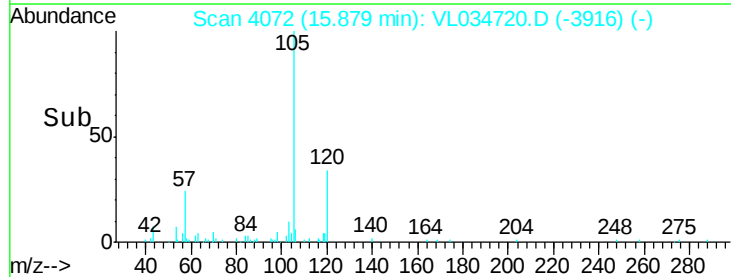
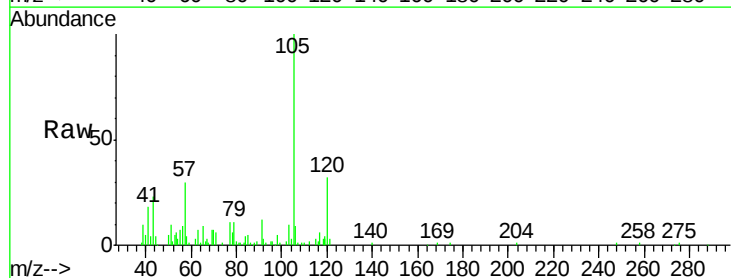
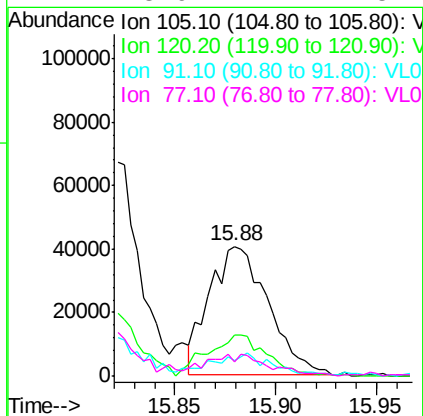
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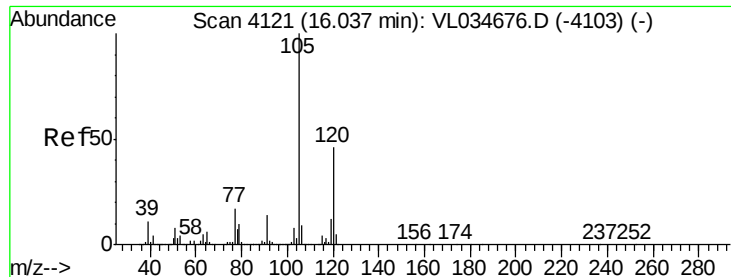
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#72
 4-Ethyltoluene
 Concen: 0.306 ppbv
 RT: 15.88 min Scan# 4072
 Delta R.T. -0.00 min
 Lab File: VL034720.D
 Acq: 27 Feb 2020 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	82385		
120	32.2	23.7	35.5	
91	18.5	10.9	16.3#	
77	18.9	12.2	18.2#	





#73

1,3,5-Trimethylbenzene

Concen: 0.291 ppbv m

RT: 16.05 min Scan# 4124

Delta R.T. 0.01 min

Lab File: VL034720.D

Acq: 27 Feb 2020 22:34

Instrument :

MSVOA_L

ClientSampleId :

SG-1-MAIN-ELECT-RM

Tot Ion:105 Resp: 75388

Ion Ratio Lower Upper

105 100

120 40.1

37.1

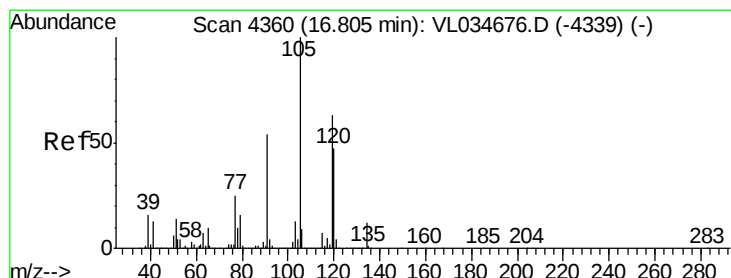
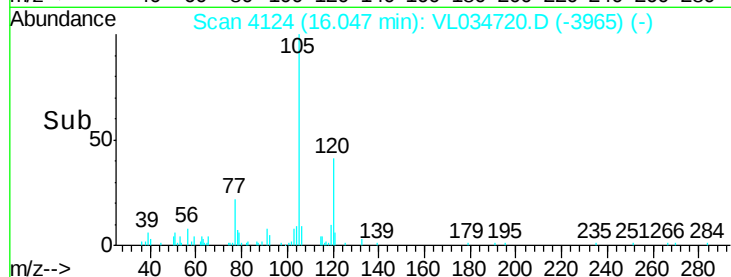
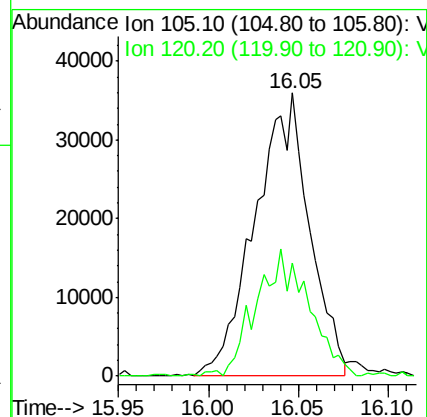
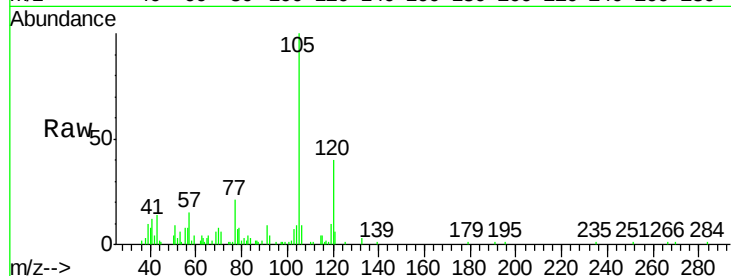
55.7

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#74

1,2,4-Trimethylbenzene

Concen: 1.202 ppbv m

RT: 16.81 min Scan# 4360

Delta R.T. -0.00 min

Lab File: VL034720.D

Acq: 27 Feb 2020 22:34

Tgt Ion:105 Resp: 343402

Ion Ratio Lower Upper

105 100

120 38.1

37.9

56.9

91 12.6

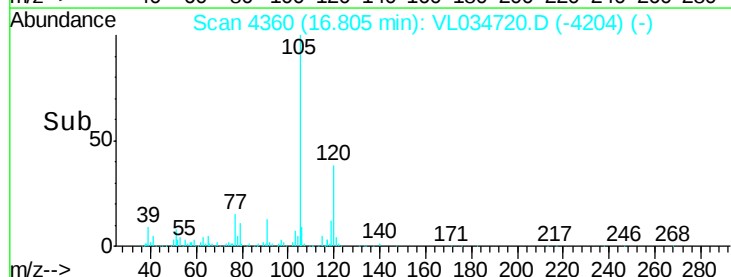
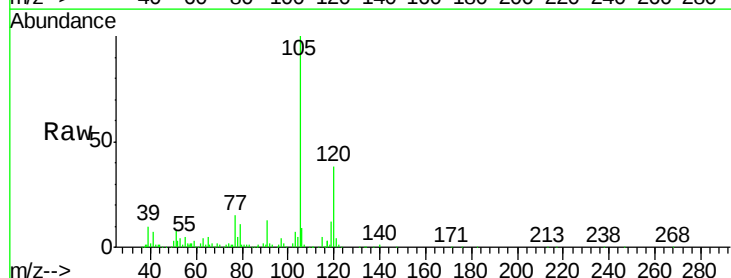
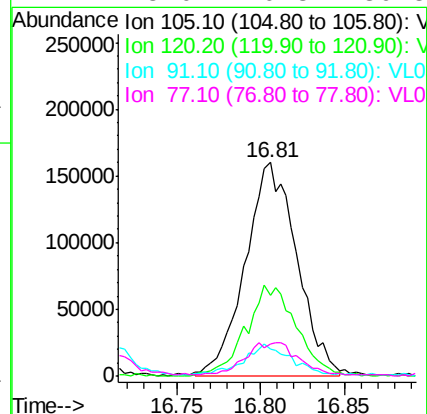
43.9

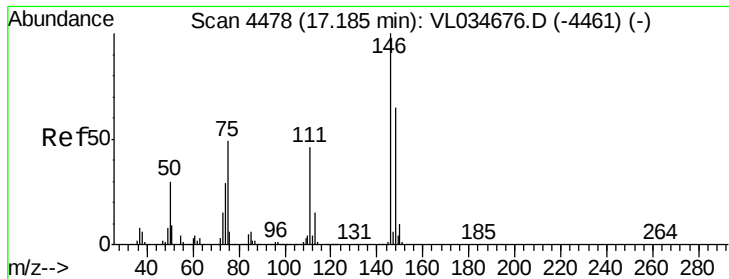
65.9#

77 15.0

20.3

30.5#





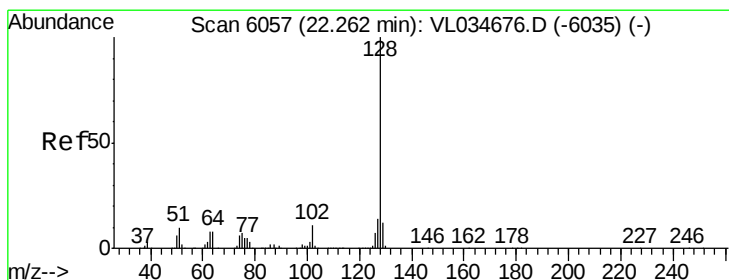
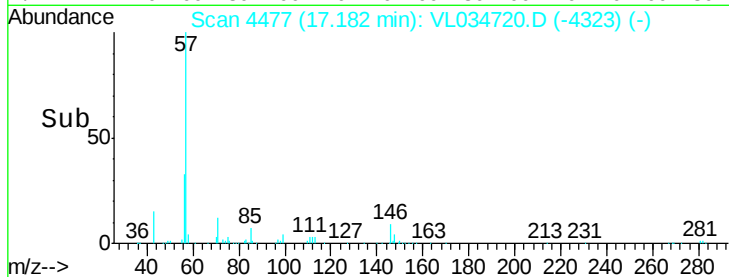
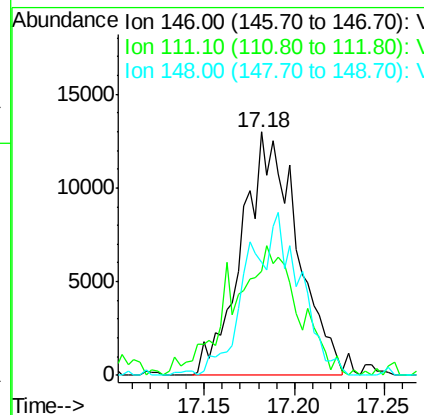
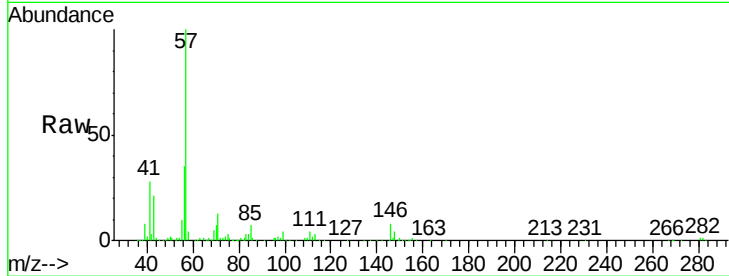
#76
 1,4-Dichlorobenzene
 Concen: 0.168 ppbv m
 RT: 17.18 min Scan# 4477
 Delta R.T. -0.00 min
 Lab File: VL034720.D
 Acq: 27 Feb 2020 22:34

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1-MAIN-ELECT-RM

Tot Ion	Ratio	Lower	Upper
146	100		
111	65.4	23.4	70.0
148	64.3	31.9	95.5

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#79
 Naphthalene
 Concen: 0.208 ppbv m
 RT: 22.27 min Scan# 6059
 Delta R.T. 0.01 min
 Lab File: VL034720.D
 Acq: 27 Feb 2020 22:34

Tgt Ion	Ratio	Lower	Upper
128	100		
127	16.0	11.0	16.6
129	8.9	9.4	14.2#

