

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120219\
 Data File : VL034424.D
 Acq On : 2 Dec 2019 13:42
 Operator : SY/AP
 Sample : K6068-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1

Manual Integrations
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Quant Time: Dec 03 11:12:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1066485	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.22	114	2135682	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.15	117	2248327	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.49	95	1820885	9.63	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.30%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	90909	0.471	ppbv	99
3) Chlorodifluoromethane	2.97	51	35338m	0.266	ppbv	
5) Vinyl Chloride	3.23	62	4963m	0.067	ppbv	
9) Propene	2.99	41	3049465	51.620	ppbv	99
10) Heptane	8.17	43	429433	2.817	ppbv	99
11) Trichlorofluoromethane	3.95	101	46144	0.240	ppbv #	80
13) Ethanol	3.61	45	2205670	134.032	ppbv	98
15) Acetone	3.84	43	4351749	28.496	ppbv	94
17) tert-Butyl alcohol	4.32	59	743215	5.790	ppbv	99
19) Isopropyl Alcohol	3.99	45	10685391	109.160	ppbv #	98
20) Methylene Chloride	4.35	84	249817	4.613	ppbv	92
22) trans-1,2-Dichloroethene	4.90	96	67672	1.204	ppbv	96
26) Hexane	5.71	57	621854	5.310	ppbv #	43
27) Carbon Disulfide	4.56	76	109493	0.858	ppbv #	71
29) Chloroform	5.78	83	428215	2.258	ppbv	99
30) Cyclohexane	7.17	84	143930	1.626	ppbv	93
31) cis-1,2-Dichloroethene	5.57	61	650744	5.378	ppbv	99
32) 1,1,1-Trichloroethane	6.55	97	550515	3.096	ppbv	99
34) 2-Butanone	5.27	43	615980	3.504	ppbv	98
35) Carbon Tetrachloride	7.05	117	16996m	0.093	ppbv	
36) Benzene	6.93	78	668261	3.130	ppbv	98
38) Trichloroethene	7.89	130	7892798	90.089	ppbv	92
41) Tetrahydrofuran	6.09	42	68375m	0.693	ppbv	
44) 2,2,4-Trimethylpentane	7.92	57	482689	1.237	ppbv #	82
52) Tetrachloroethene	11.29	164	358607	3.882	ppbv	93
53) Toluene	9.86	91	3011665	12.419	ppbv	98
58) Ethyl Benzene	12.78	91	503610	1.443	ppbv	96
59) m/p-Xylene	13.03	91	1379167	4.573	ppbv	98
60) o-Xylene	13.76	91	466808	1.565	ppbv	97
69) p-Isopropyltoluene	17.74	119	207846	0.505	ppbv	98
72) 4-Ethyltoluene	15.91	105	113325m	0.329	ppbv	
73) 1,3,5-Trimethylbenzene	16.07	105	88412m	0.262	ppbv	
74) 1,2,4-Trimethylbenzene	16.84	105	324570	0.906	ppbv #	61
78) Hexachloro-1,3-Butadiene	23.46	225	29212m	0.171	ppbv	
79) Naphthalene	22.32	128	31062m	0.100	ppbv	

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

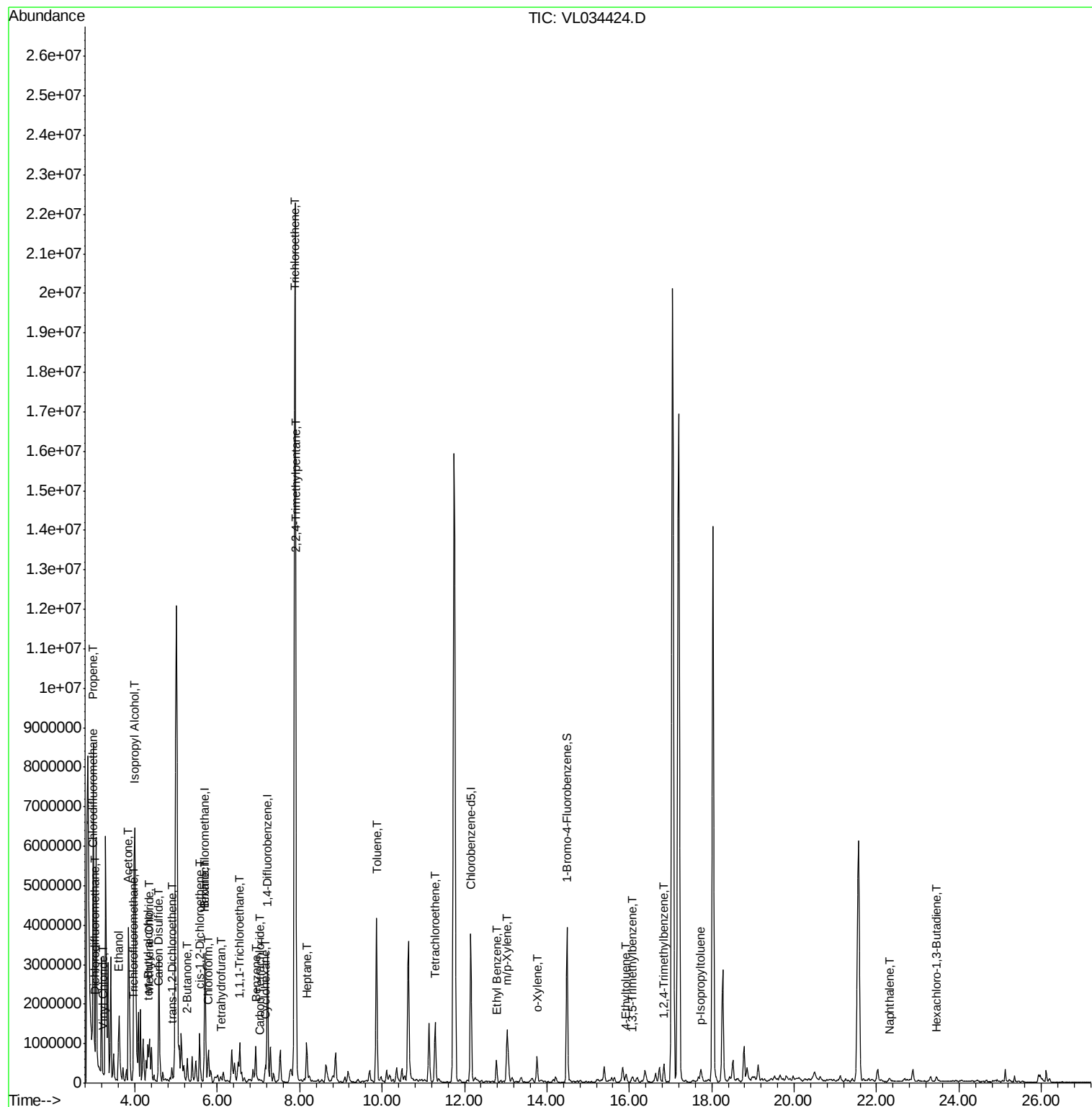
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL120219\
Data File : VL034424.D
Acq On : 2 Dec 2019 13:42
Operator : SY/AP
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ALS Vial : 1 Sample Multiplier: 1

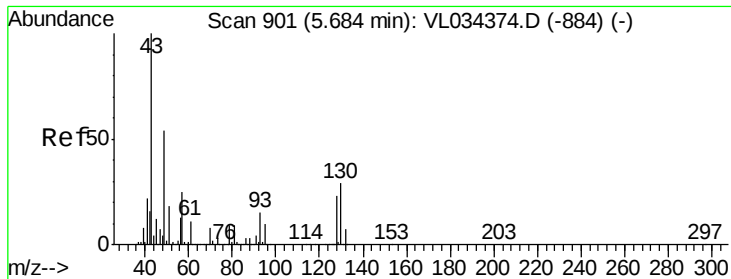
Instrument :
MSVOA_L
ClientSampleId :
SV-1

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Quant Time: Dec 03 11:12:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 904

Delta R.T. 0.01 min

Lab File: VL034424.D

Acq: 2 Dec 2019 13:42

Instrument :

MSVOA_L

ClientSampled :

SV-1

Tot Ion: 49 Resp: 1066485

Ion Ratio Lower Upper

49 100

128 43.2 21.8 65.3

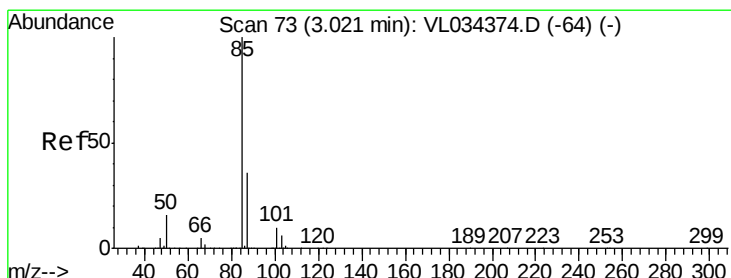
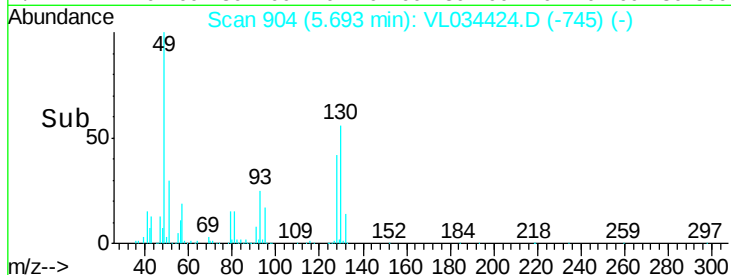
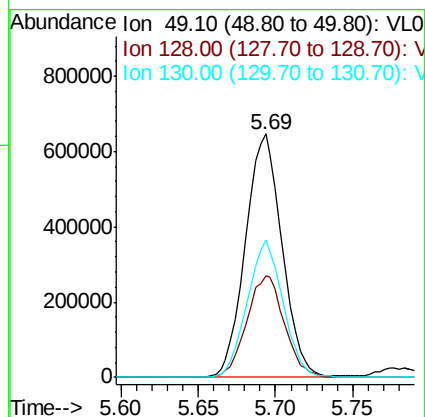
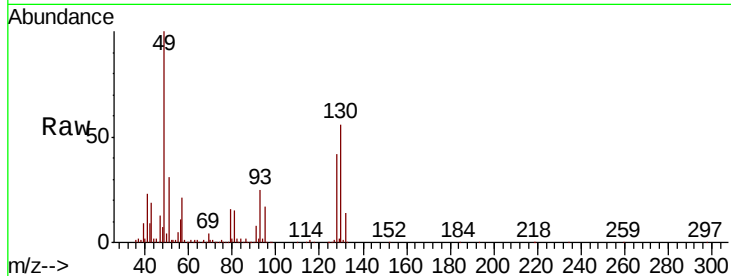
130 55.2 28.0 84.0

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#2

Dichlorodifluoromethane

Concen: 0.471 ppbv

RT: 3.02 min Scan# 74

Delta R.T. 0.00 min

Lab File: VL034424.D

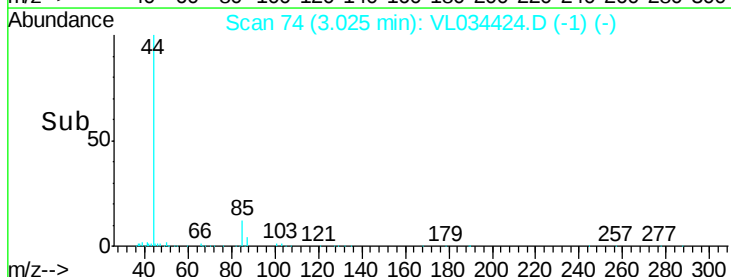
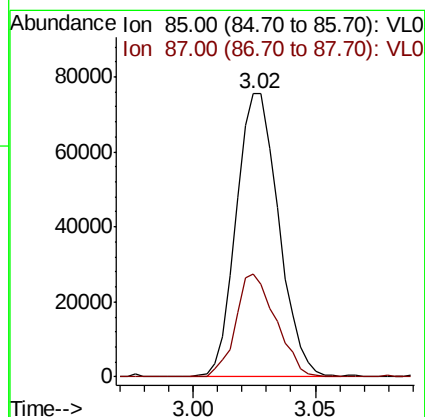
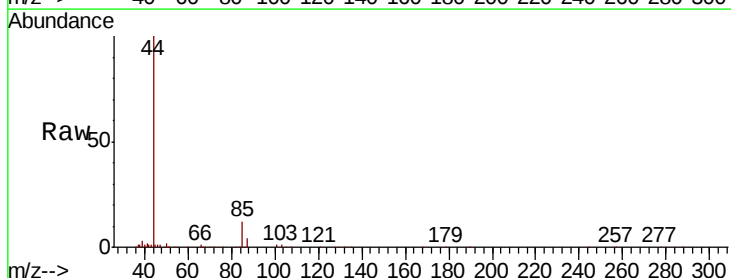
Acq: 2 Dec 2019 13:42

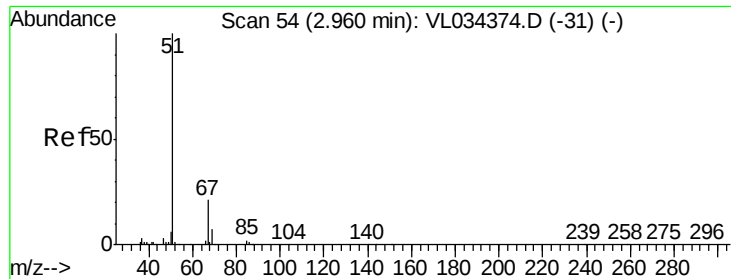
Tgt Ion: 85 Resp: 90909

Ion Ratio Lower Upper

85 100

87 36.3 28.5 42.7





#3

Chlorodifluoromethane

Concen: 0.266 ppbv m

RT: 2.97 min Scan# 56

Delta R.T. 0.01 min

Lab File: VL034424.D

Acq: 2 Dec 2019 13:42

Instrument :

MSVOA_L

ClientSampleId :

SV-1

Tot Ion: 51 Resp: 35338

Ion Ratio Lower Upper

51 100

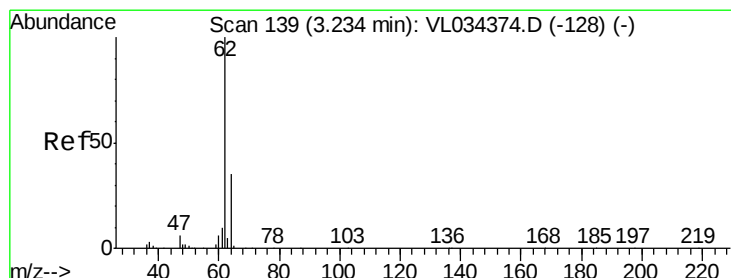
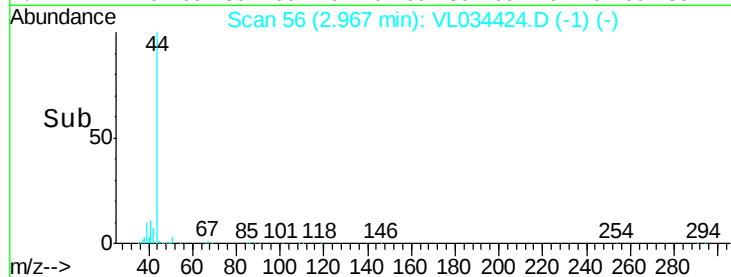
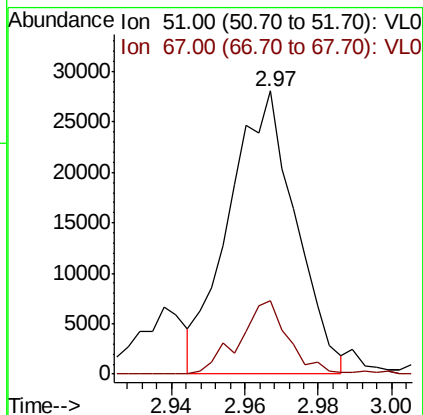
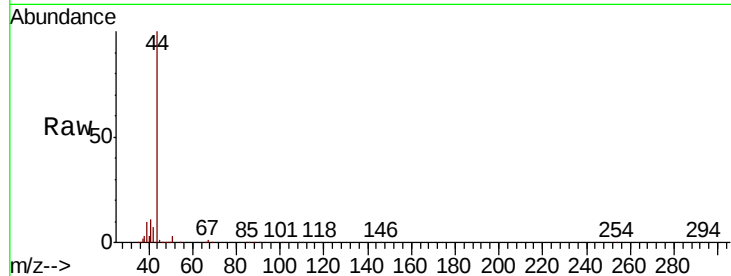
67 19.7 16.2 24.2

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#5

Vinyl Chloride

Concen: 0.067 ppbv m

RT: 3.23 min Scan# 139

Delta R.T. 0.00 min

Lab File: VL034424.D

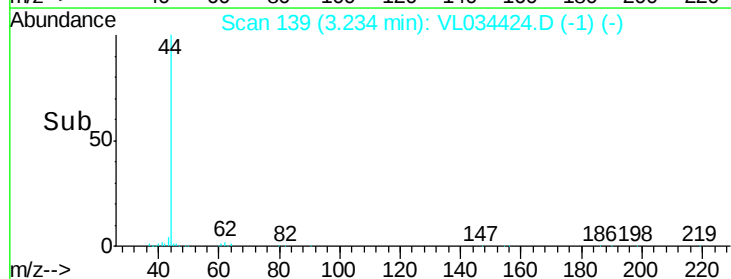
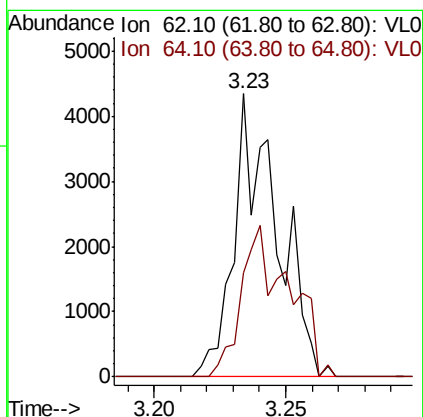
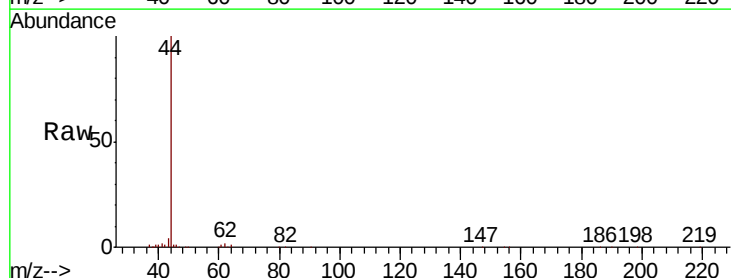
Acq: 2 Dec 2019 13:42

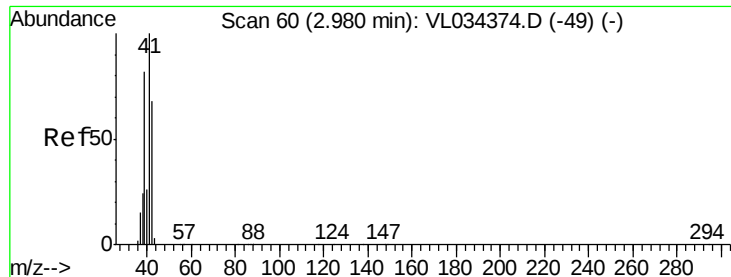
Tgt Ion: 62 Resp: 4963

Ion Ratio Lower Upper

62 100

64 36.6 28.4 42.6





#9

Propene

Concen: 51.620 ppbv

RT: 2.99 min Scan# 62

Delta R.T. 0.01 min

Lab File: VL034424.D

Acq: 2 Dec 2019 13:42

Instrument :

MSVOA_L

ClientSampled :

SV-1

Tot Ion: 41 Resp: 3049465

Ion Ratio Lower Upper

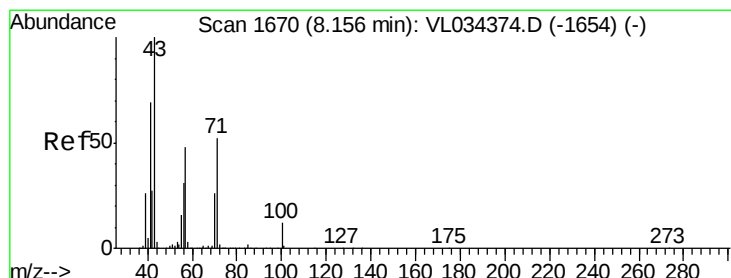
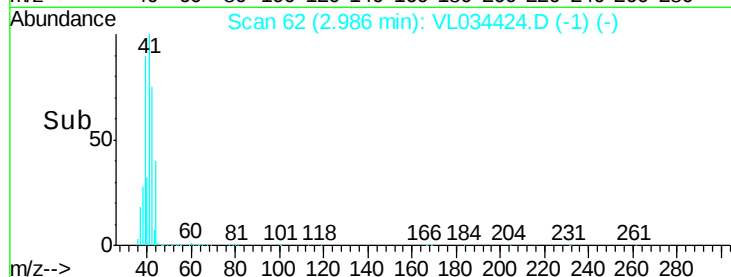
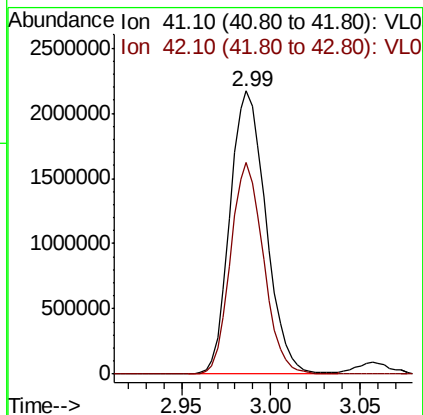
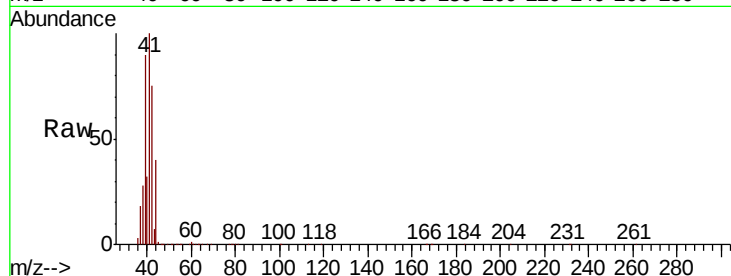
41 100

42 68.8 54.6 82.0

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#10

Heptane

Concen: 2.817 ppbv

RT: 8.17 min Scan# 1674

Delta R.T. 0.01 min

Lab File: VL034424.D

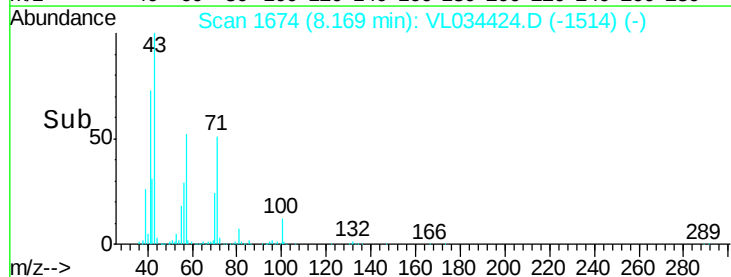
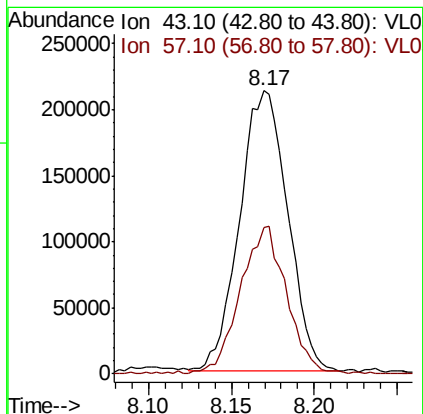
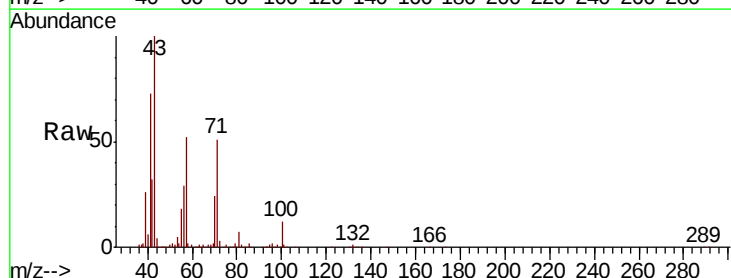
Acq: 2 Dec 2019 13:42

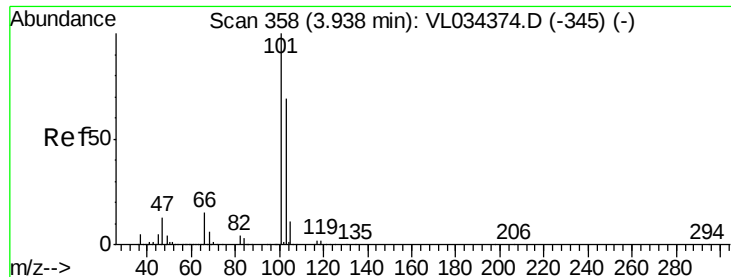
Tgt Ion: 43 Resp: 429433

Ion Ratio Lower Upper

43 100

57 50.9 40.2 60.2





#11

Trichlorofluoromethane

Concen: 0.240 ppbv

RT: 3.95 min Scan# 361

Delta R.T. 0.01 min

Lab File: VL034424.D

Acq: 2 Dec 2019 13:42

Instrument :

MSVOA_L

ClientSampleId :

SV-1

Tot Ion:101 Resp: 46144

Ion Ratio Lower Upper

101 100

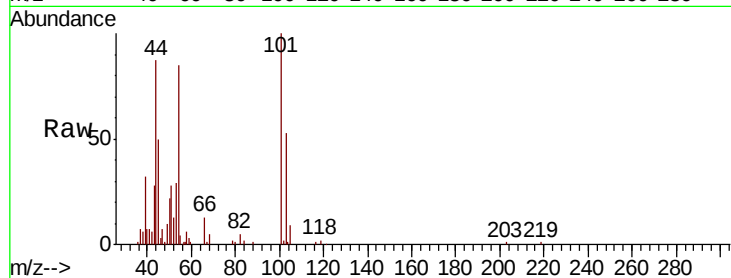
103 53.1 55.4 83.0#

Manual Integrations

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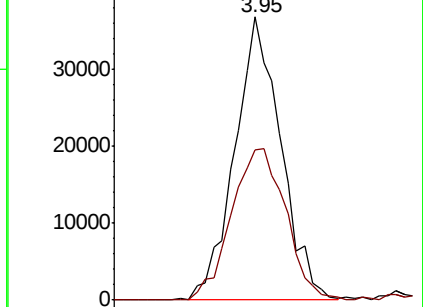
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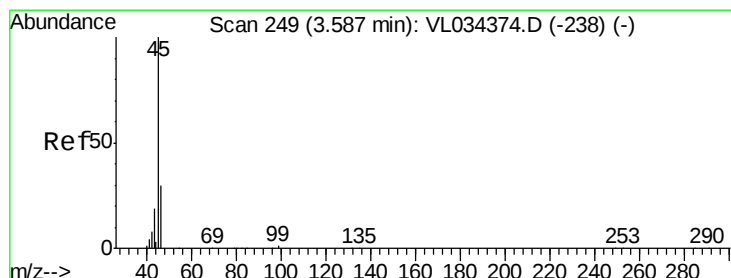
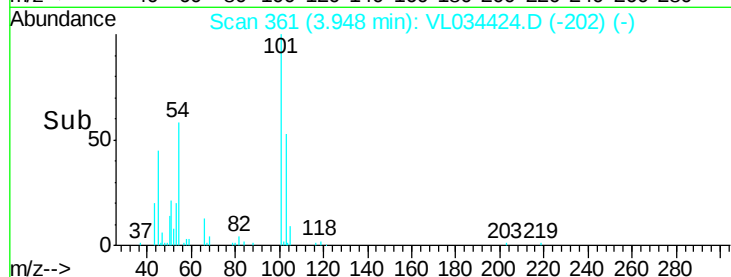


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



Time--> 3.90 3.95 4.00



#13

Ethanol

Concen: 134.032 ppbv

RT: 3.61 min Scan# 256

Delta R.T. 0.02 min

Lab File: VL034424.D

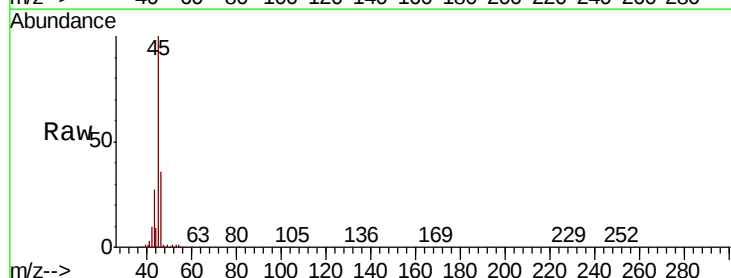
Acq: 2 Dec 2019 13:42

Tgt Ion: 45 Resp: 2205670

Ion Ratio Lower Upper

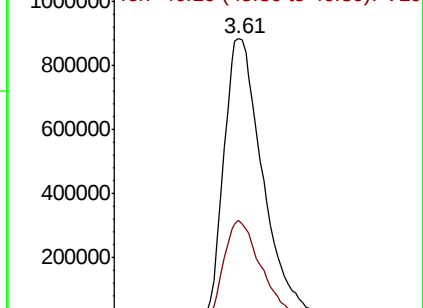
45 100

46 36.0 13.8 55.4

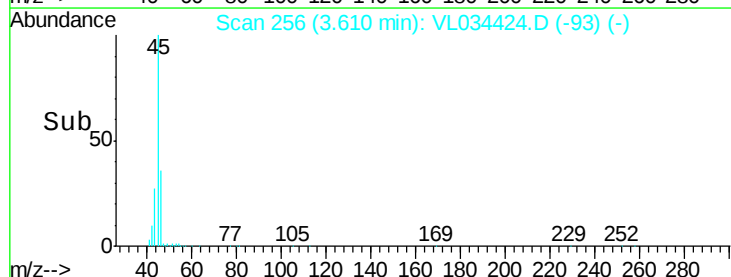


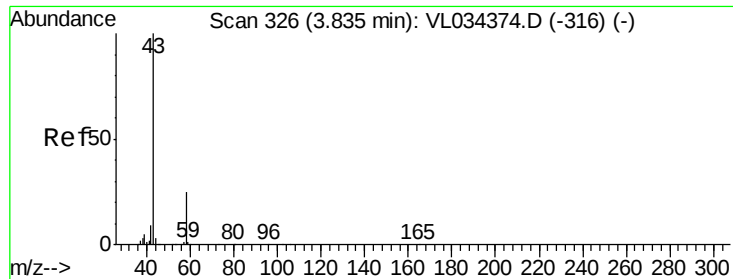
Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0



Time--> 3.50 3.60 3.70





#15

Acetone

Concen: 28.496 ppbv

RT: 3.84 min Scan# 328

Delta R.T. 0.01 min

Lab File: VL034424.D

Acq: 2 Dec 2019 13:42

Instrument :

MSVOA_L

ClientSampled :

SV-1

Tot Ion: 43 Resp: 4351749

Ion Ratio Lower Upper

43 100

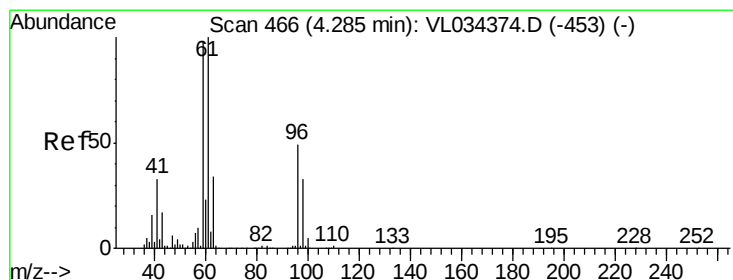
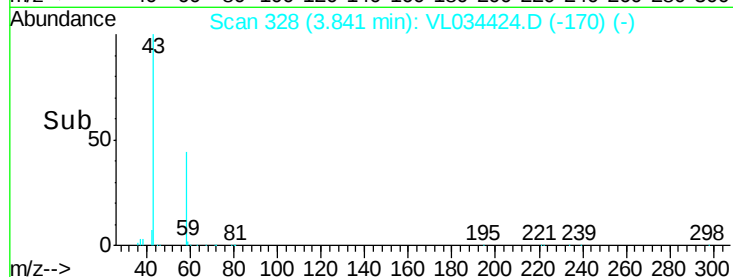
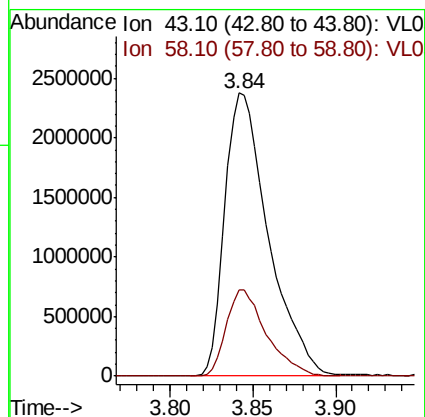
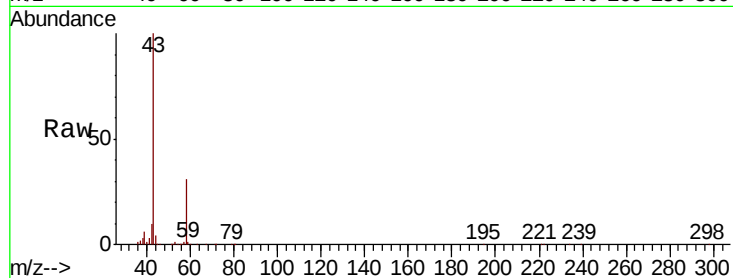
58 28.4 20.2 30.4

Manual Integrations

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#17

tert-Butyl alcohol

Concen: 5.790 ppbv

RT: 4.32 min Scan# 478

Delta R.T. 0.04 min

Lab File: VL034424.D

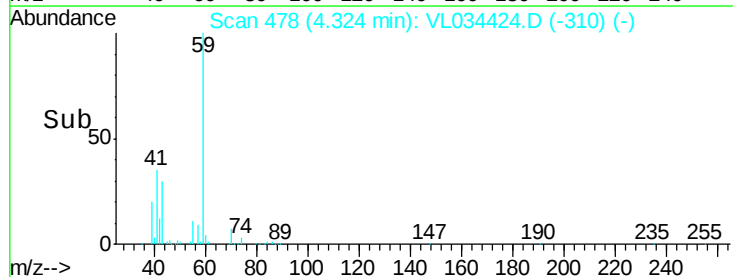
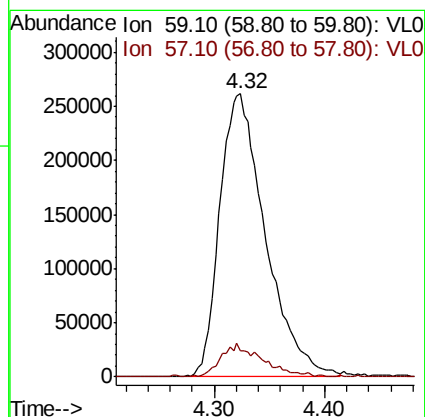
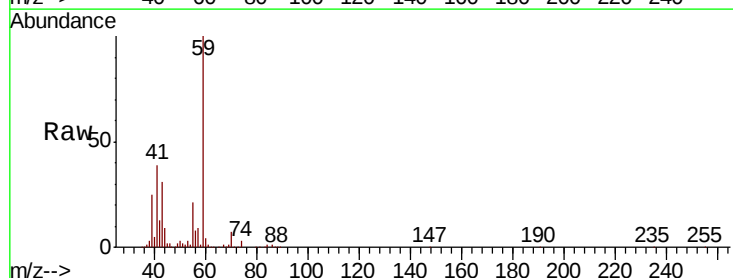
Acq: 2 Dec 2019 13:42

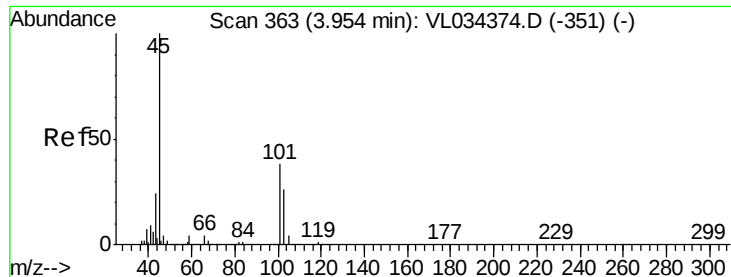
Tgt Ion: 59 Resp: 743215

Ion Ratio Lower Upper

59 100

57 11.2 8.8 13.2





#19

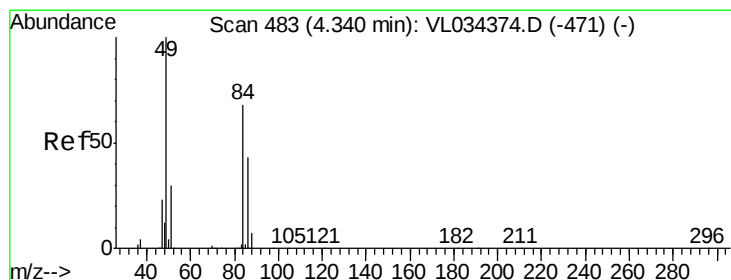
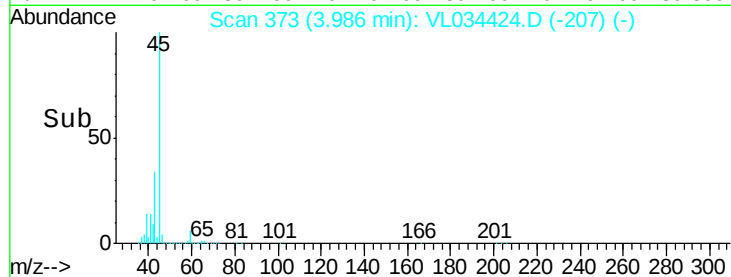
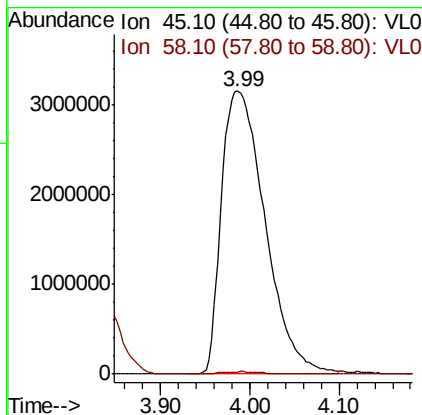
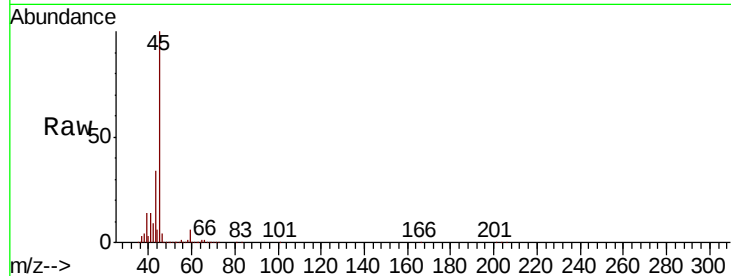
Isopropyl Alcohol
 Concen: 109.160 ppbv
 RT: 3.99 min Scan# 373
 Delta R.T. 0.03 min
 Lab File: VL034424.D
 Acq: 2 Dec 2019 13:42

Instrument :
 MSVOA_L
 ClientSampled :
 SV-1

Tot Ion: 45 Resp: 10685391
 Ion Ratio Lower Upper
 45 100
 58 0.8 1.3 1.9#

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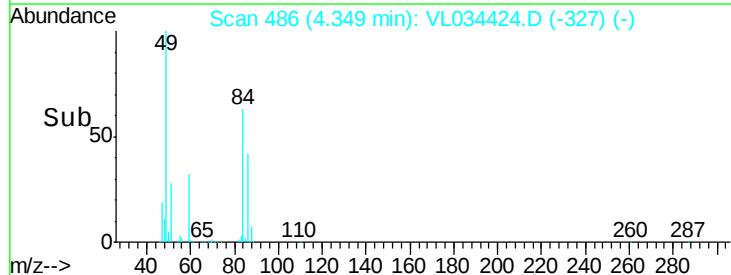
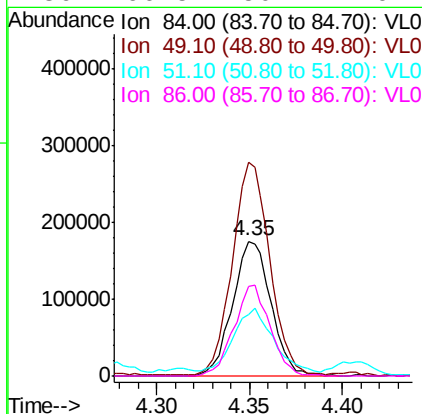
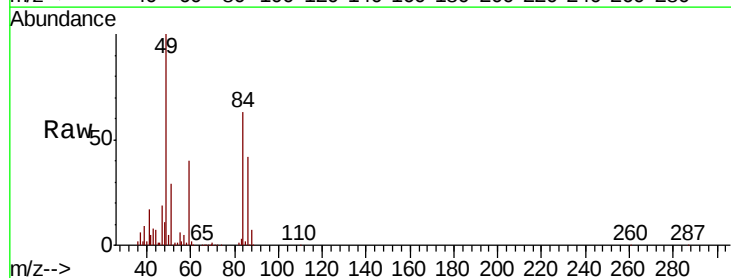
apatel
 12/4/2019 4:46:24 PM

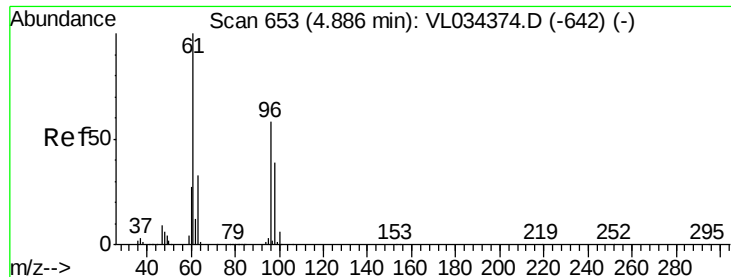


#20

Methylene Chloride
 Concen: 4.613 ppbv
 RT: 4.35 min Scan# 486
 Delta R.T. 0.01 min
 Lab File: VL034424.D
 Acq: 2 Dec 2019 13:42

Tgt Ion: 84 Resp: 249817
 Ion Ratio Lower Upper
 84 100
 49 158.4 116.8 175.2
 51 41.2 35.6 53.4
 86 66.5 50.7 76.1





#22

trans-1,2-Dichloroethene

Concen: 1.204 ppbv

RT: 4.90 min Scan# 657

Delta R.T. 0.01 min

Lab File: VL034424.D

Acq: 2 Dec 2019 13:42

Instrument :

MSVOA_L

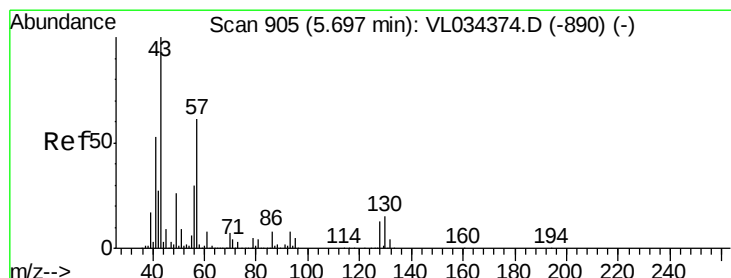
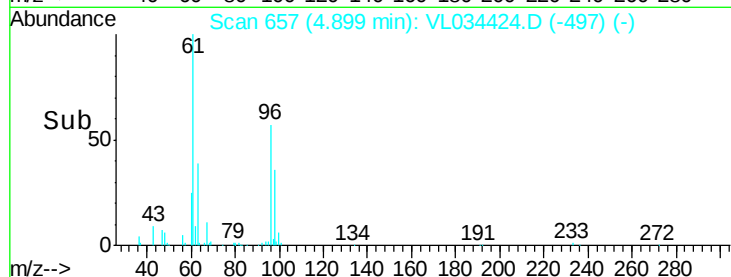
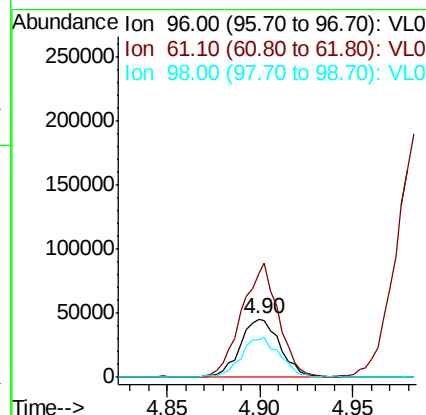
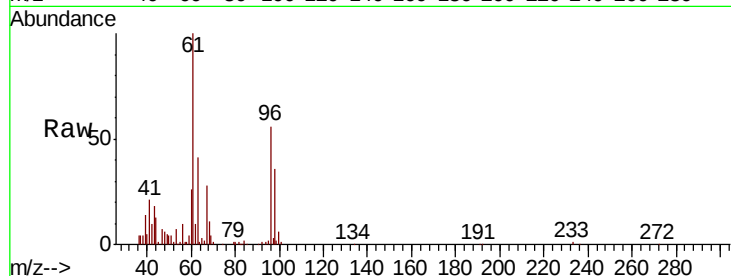
ClientSampled :

SV-1

Tot Ion:	96	Resp:	67672
Ion	Ratio	Lower	Upper
96	100		
61	177.4	137.9	206.9
98	63.9	53.5	80.3

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#26

Hexane

Concen: 5.310 ppbv

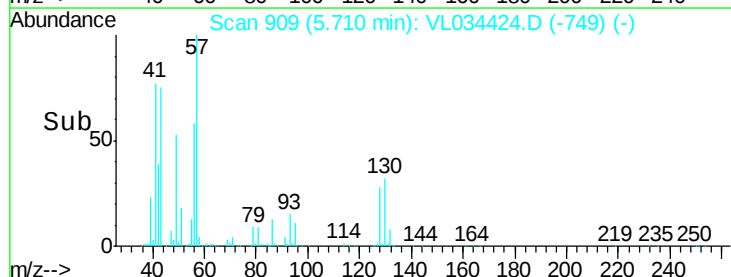
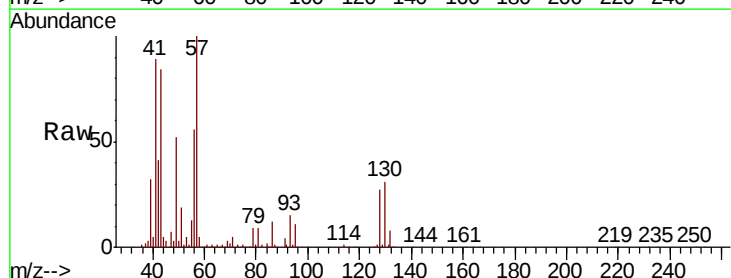
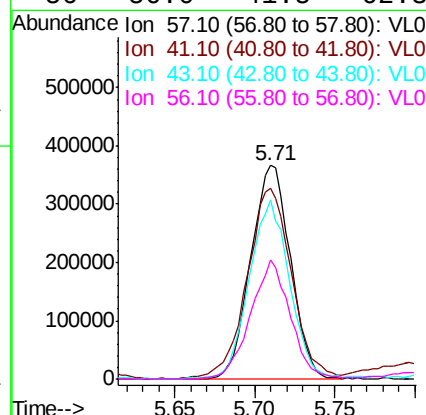
RT: 5.71 min Scan# 909

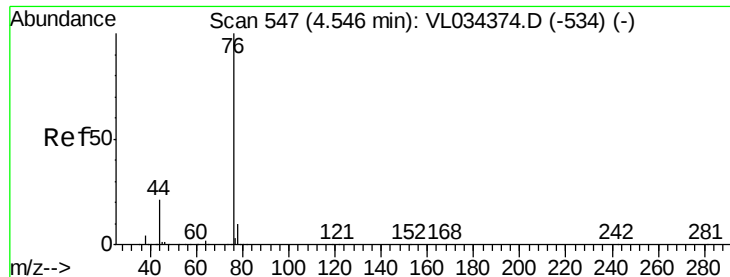
Delta R.T. 0.01 min

Lab File: VL034424.D

Acq: 2 Dec 2019 13:42

Tgt Ion:	57	Resp:	621854
Ion	Ratio	Lower	Upper
57	100		
41	100.1	75.0	112.4
43	85.8	186.6	279.8#
56	56.0	41.5	62.3





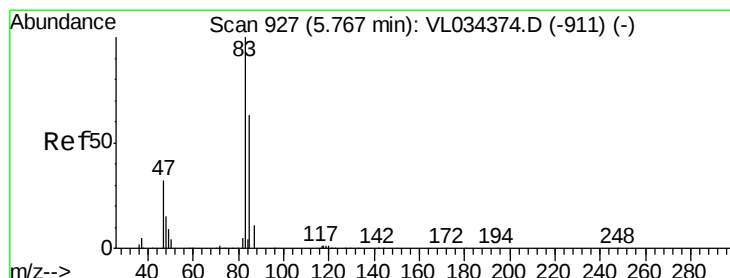
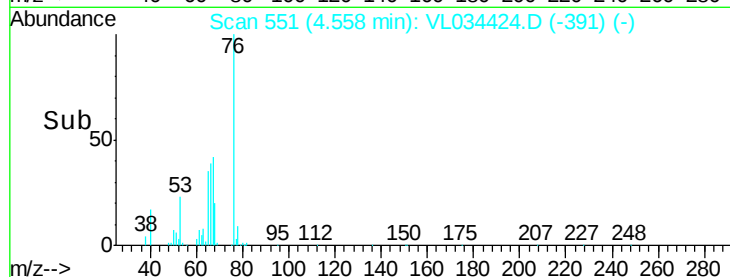
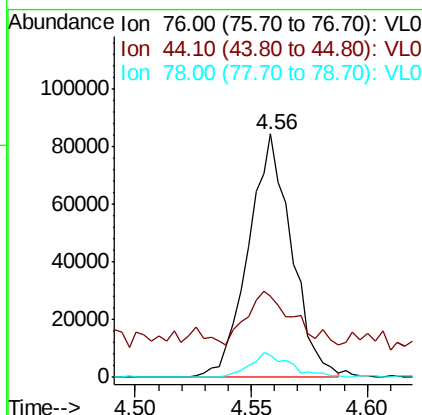
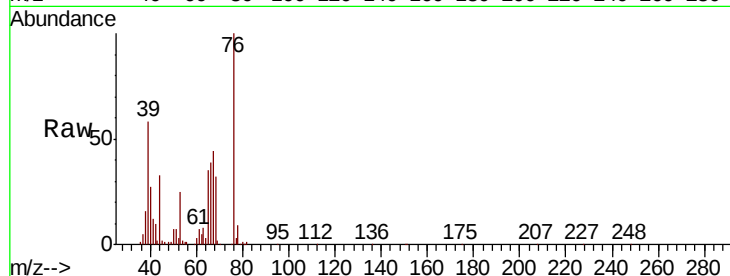
#27
Carbon Disulfide
Concen: 0.858 ppbv
RT: 4.56 min Scan# 551
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument :
MSVOA_L
ClientSampled :
SV-1

Tot Ion	Ratio	Lower	Upper
76	100		
44	40.6	17.0	25.4#
78	9.6	7.6	11.4

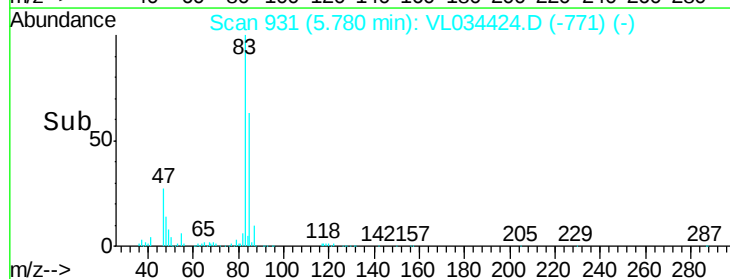
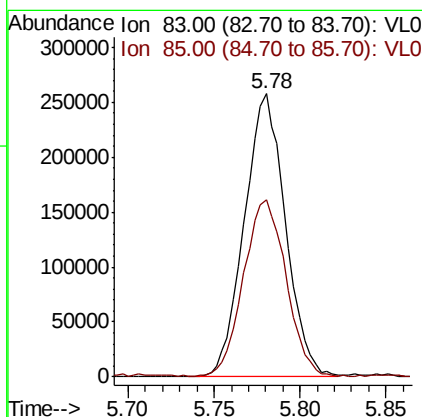
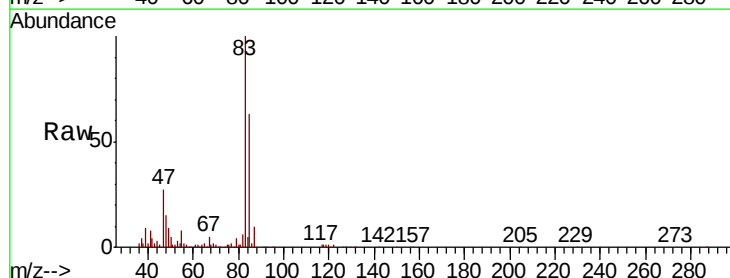
Manual Integrations
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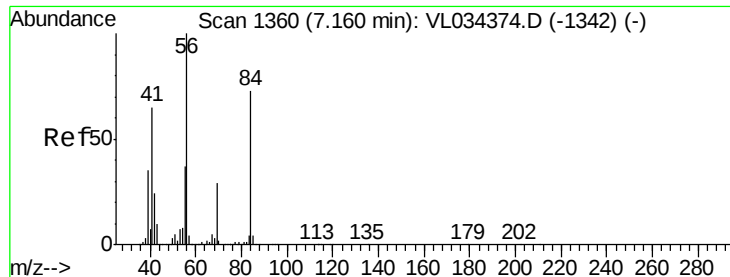
apatel
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#29
Chloroform
Concen: 2.258 ppbv
RT: 5.78 min Scan# 931
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.4	75.6





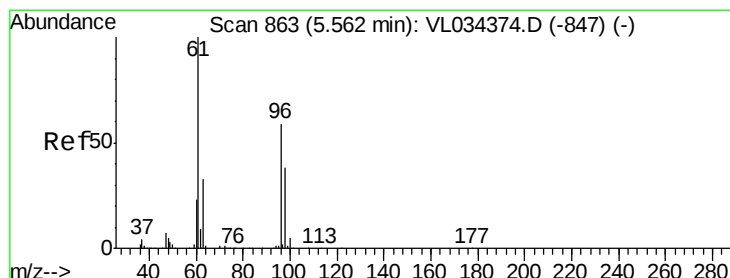
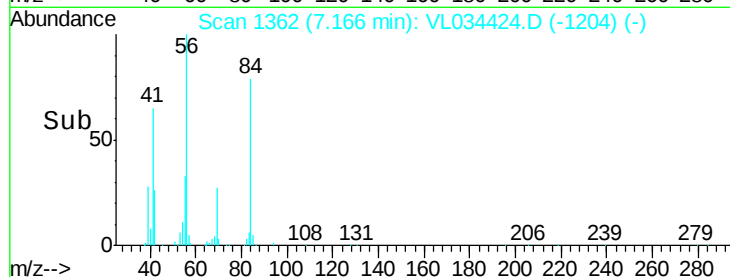
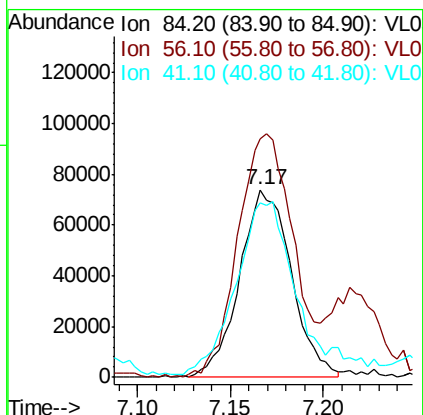
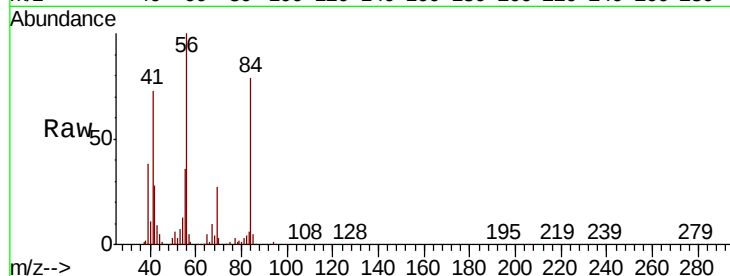
#30
Cvclohexane
Concen: 1.626 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument :
MSVOA_L
ClientSampleId :
SV-1

Tot Ion	Ratio	Lower	Upper
84	100		
56	142.0	112.6	169.0
41	108.3	73.4	110.2

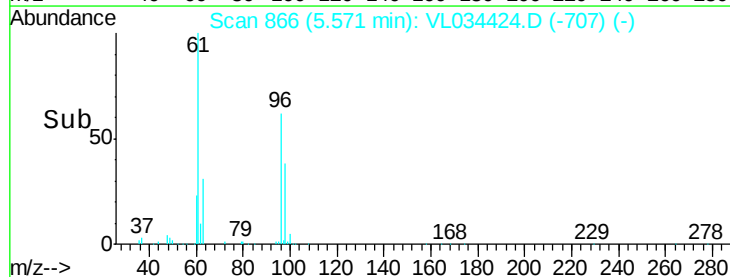
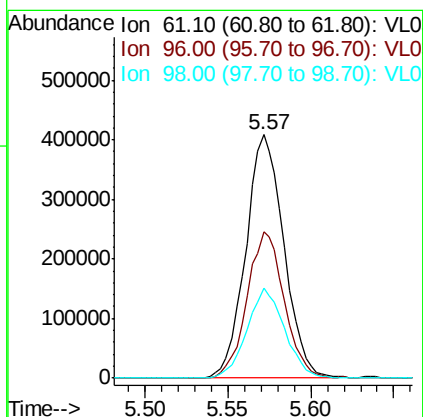
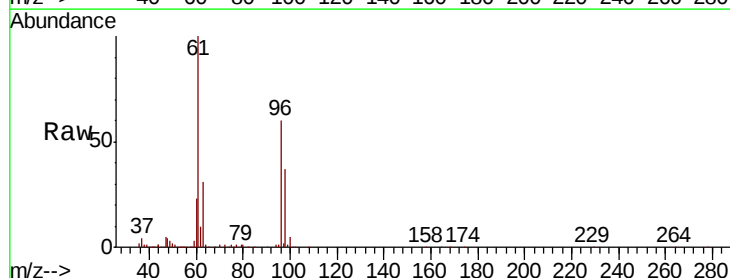
Manual Integrations
APPROVED

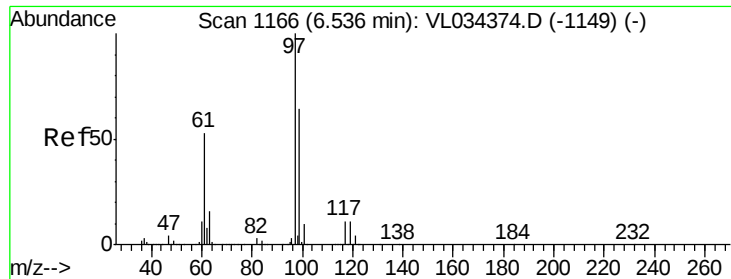
apatel
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#31
cis-1,2-Dichloroethene
Concen: 5.378 ppbv
RT: 5.57 min Scan# 866
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion	Ratio	Lower	Upper
61	100		
96	60.1	47.4	71.2
98	36.9	30.6	45.8





#32

1,1,1-Trichloroethane

Concen: 3.096 ppbv

RT: 6.55 min Scan# 1170

Delta R.T. 0.01 min

Lab File: VL034424.D

Acq: 2 Dec 2019 13:42

Instrument :

MSVOA_L

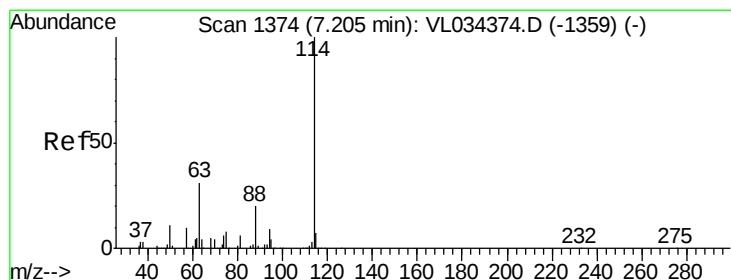
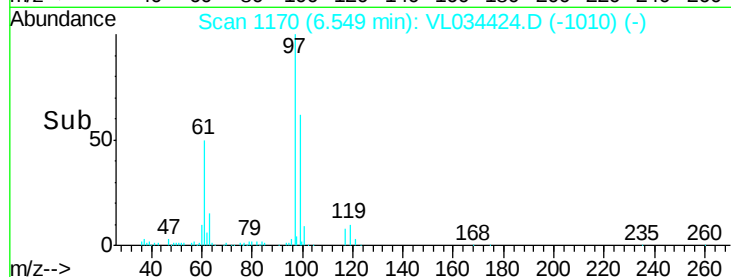
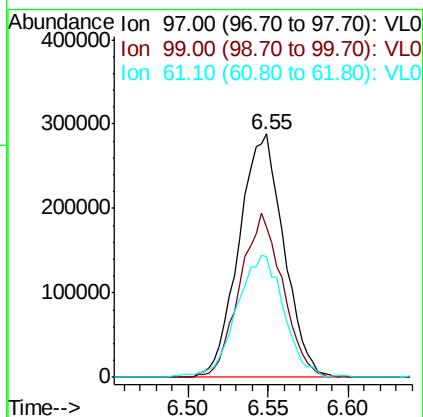
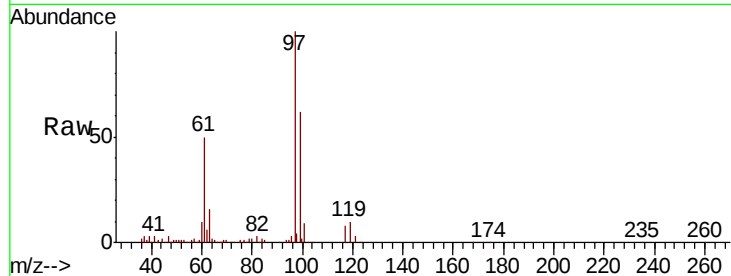
ClientSampled :

SV-1

Tot Ion:	97	Resp:	550515
Ion Ratio	Lower	Upper	
97	100		
99	64.8	52.3	78.5
61	53.6	43.7	65.5

Manual Integrations
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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

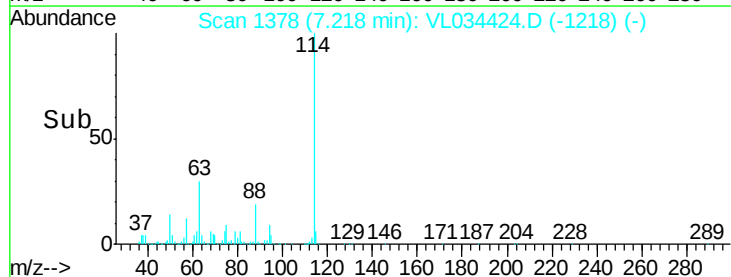
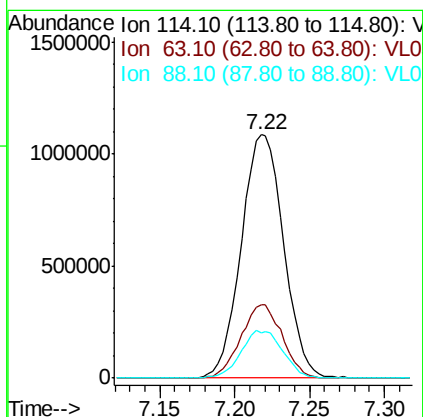
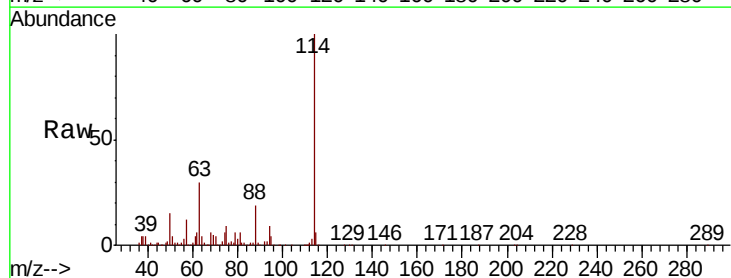
RT: 7.22 min Scan# 1378

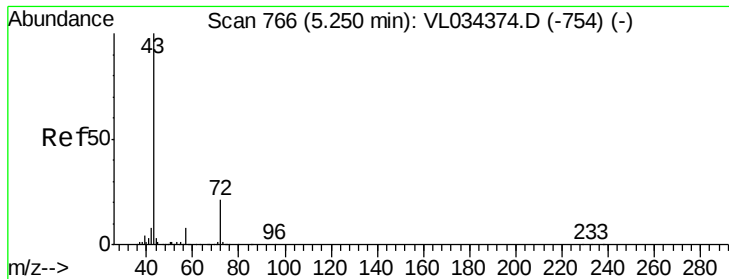
Delta R.T. 0.01 min

Lab File: VL034424.D

Acq: 2 Dec 2019 13:42

Tgt Ion:	114	Resp:	2135682
Ion Ratio	Lower	Upper	
114	100		
63	29.9	24.2	36.4
88	19.4	15.9	23.9





#34

2-Butanone

Concen: 3.504 ppbv

RT: 5.27 min Scan# 773

Delta R.T. 0.02 min

Lab File: VL034424.D

Acq: 2 Dec 2019 13:42

Instrument :

MSVOA_L

ClientSampleId :

SV-1

Tot Ion: 43 Resp: 615980

Ion Ratio Lower Upper

43 100

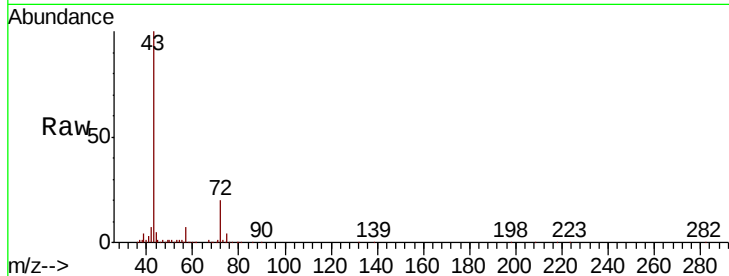
72 20.4 17.0 25.6

Manual Integrations

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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

5.27

400000

300000

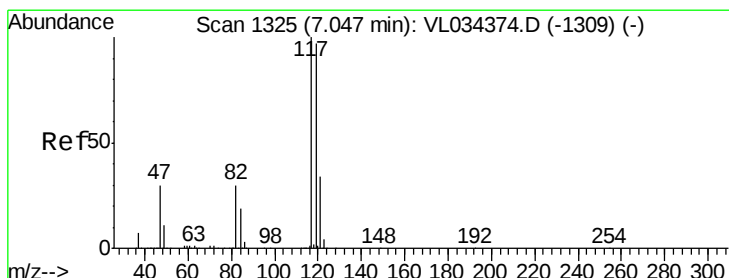
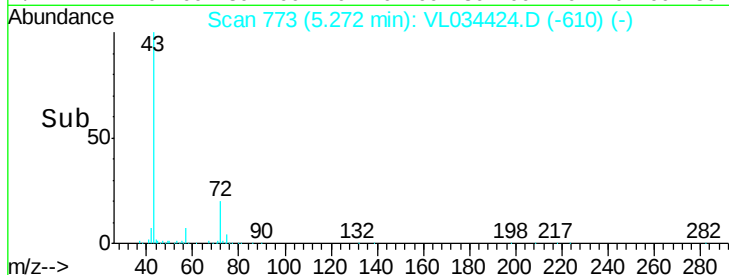
200000

100000

0

5.20 5.25 5.30

Time-->



#35

Carbon Tetrachloride

Concen: 0.093 ppbv m

RT: 7.05 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VL034424.D

Acq: 2 Dec 2019 13:42

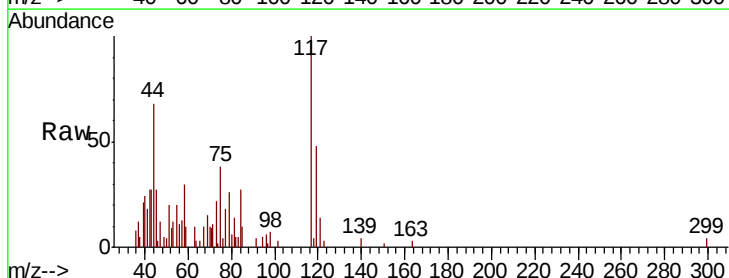
Tgt Ion: 117 Resp: 16996

Ion Ratio Lower Upper

117 100

119 47.9 77.3 115.9#

121 13.9 27.4 41.2#



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

10000

8000

6000

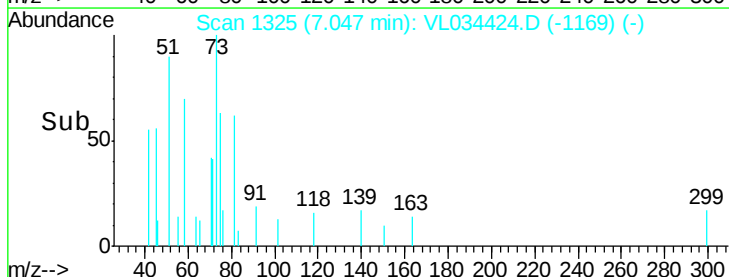
4000

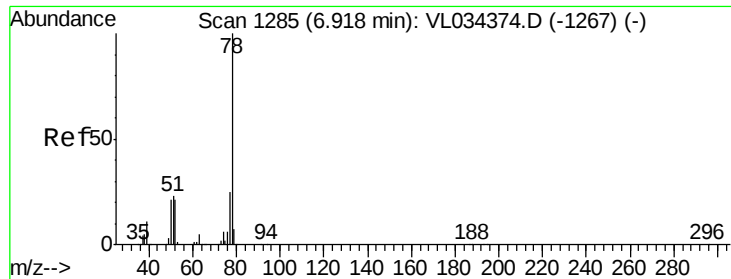
2000

0

6.95 7.00 7.05 7.10

Time-->





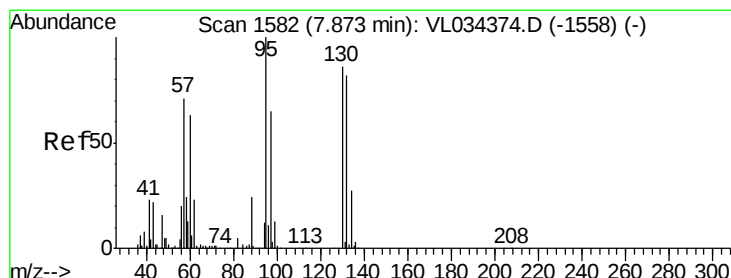
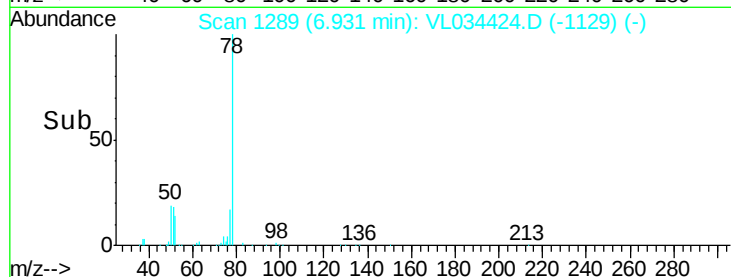
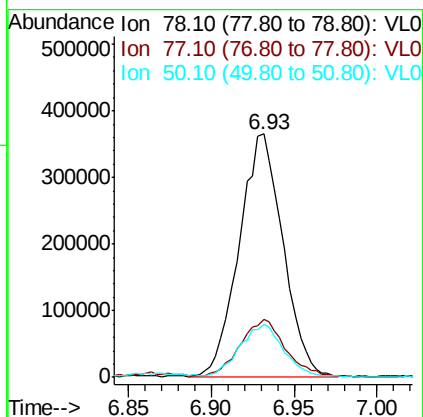
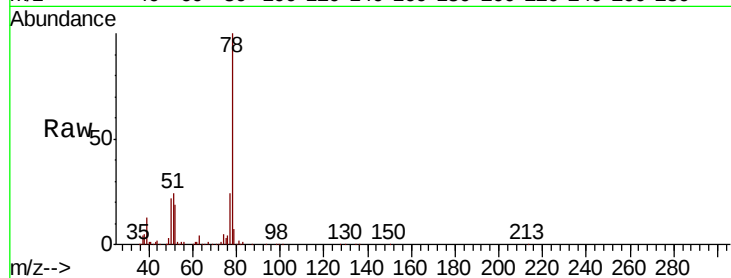
#36
Benzene
Concen: 3.130 ppbv
RT: 6.93 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument :
MSVOA_L
ClientSampleId :
SV-1

Tot Ion	Ratio	Lower	Upper
78	100		
77	23.1	20.2	30.4
50	21.5	17.1	25.7

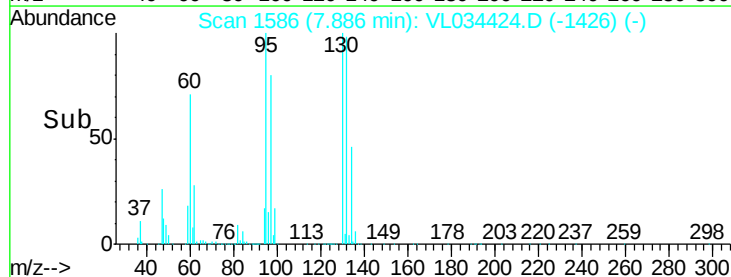
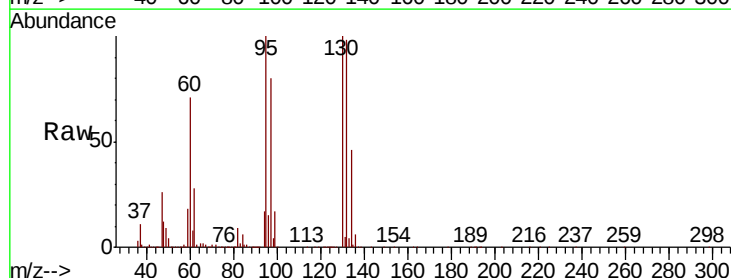
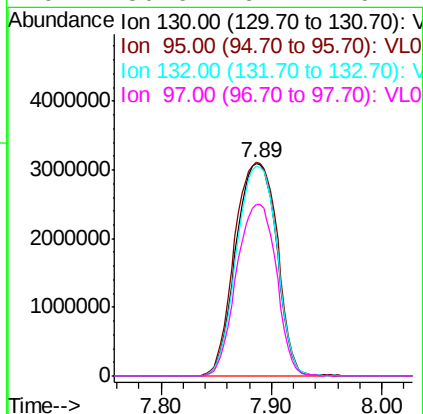
Manual Integrations
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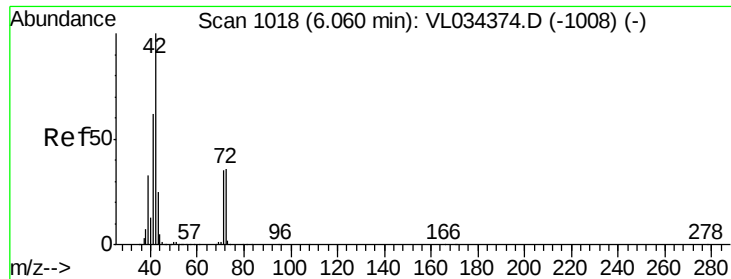
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#38
Trichloroethene
Concen: 90.089 ppbv
RT: 7.89 min Scan# 1586
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.2	93.4	140.0
132	98.4	76.4	114.6
97	80.6	61.1	91.7





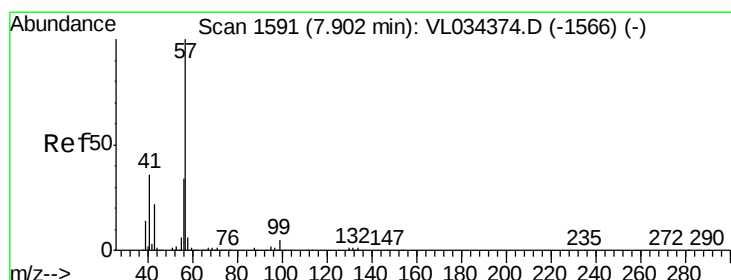
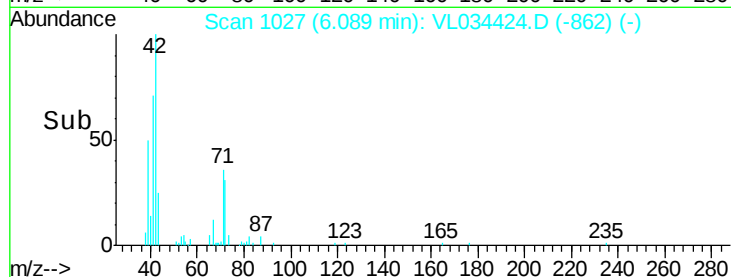
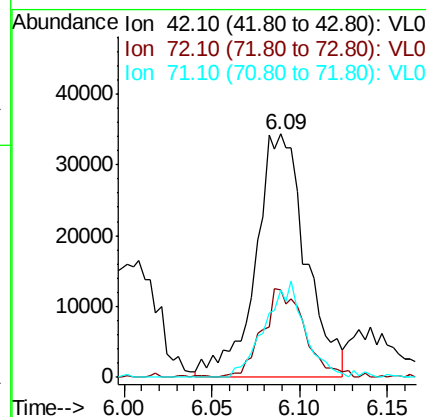
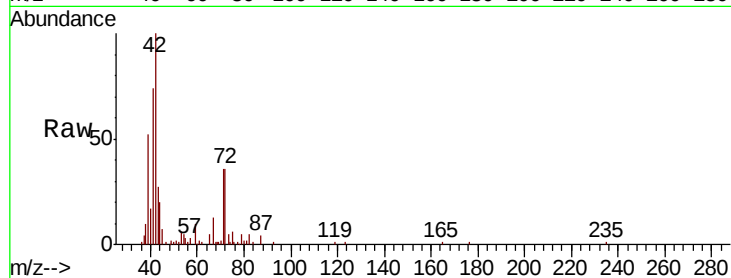
#41
Tetrahydrofuran
Concen: 0.693 ppbv m
RT: 6.09 min Scan# 1027
Delta R.T. 0.03 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument :
MSVOA_L
ClientSampled :
SV-1

Tot Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.2	45.4#
71	0.0	29.4	44.2#

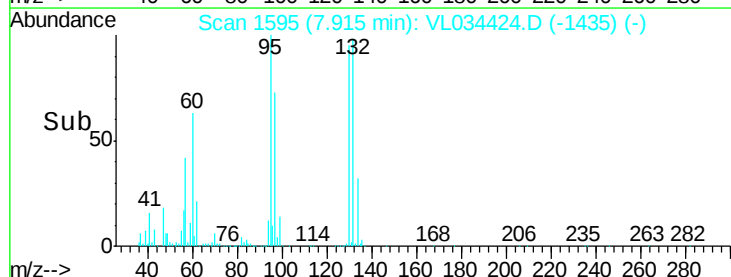
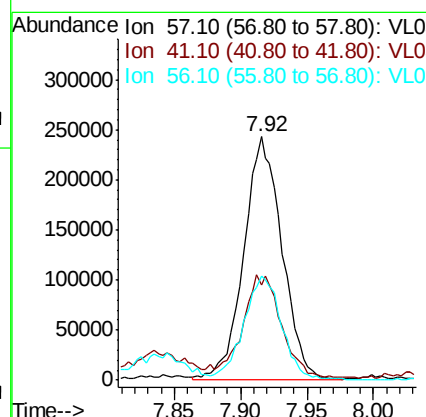
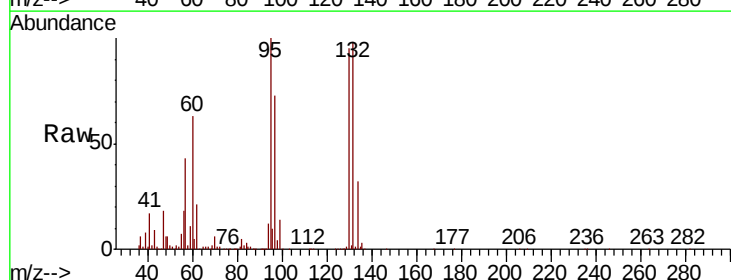
Manual Integrations
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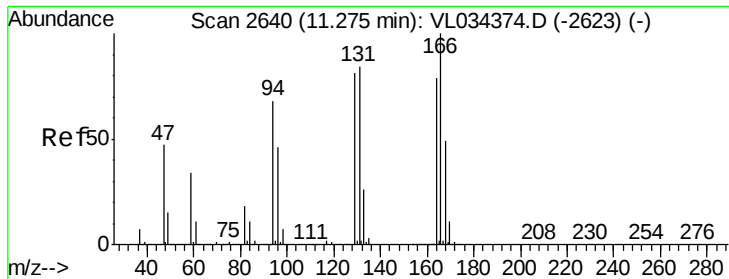
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#44
2,2,4-Trimethylpentane
Concen: 1.237 ppbv
RT: 7.92 min Scan# 1595
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion	Ratio	Lower	Upper
57	100		
41	44.6	28.6	42.8#
56	42.8	25.3	37.9#





#52

Tetrachloroethene

Concen: 3.882 ppbv

RT: 11.29 min Scan# 2644

Delta R.T. 0.01 min

Lab File: VL034424.D

Acq: 2 Dec 2019 13:42

Instrument :

MSVOA_L

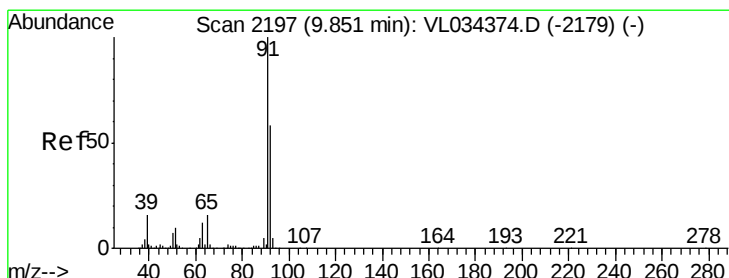
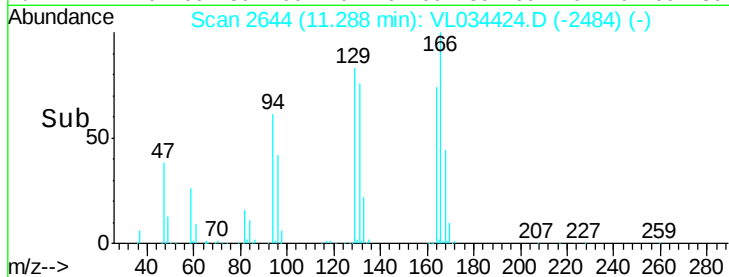
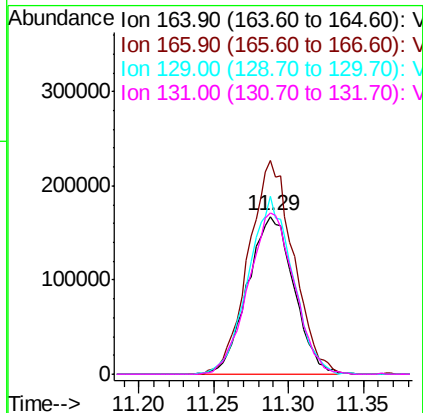
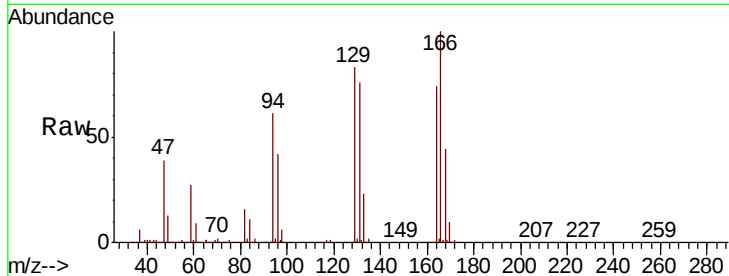
ClientSampled :

SV-1

Tot Ion:	164	Resp:	358607
Ion Ratio	Lower	Upper	
164	100		
166	135.3	101.7	152.5
129	112.6	82.6	123.8
131	102.4	85.2	127.8

Manual Integrations
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#53

Toluene

Concen: 12.419 ppbv

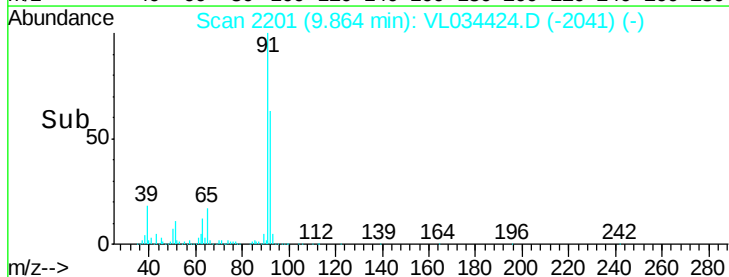
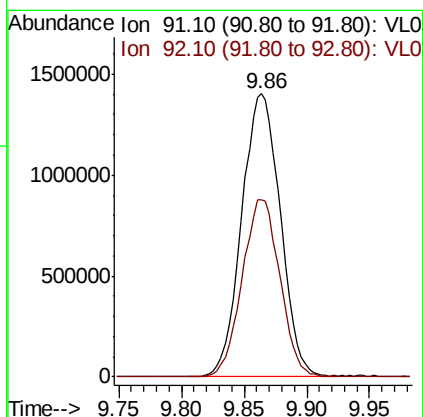
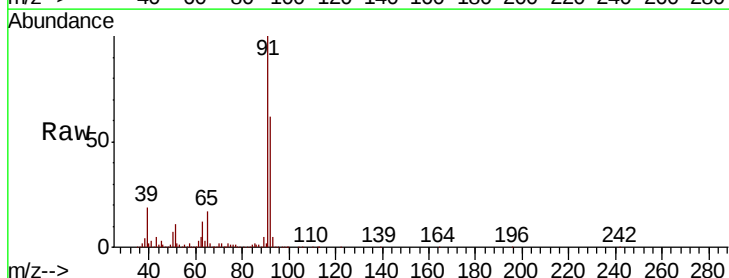
RT: 9.86 min Scan# 2201

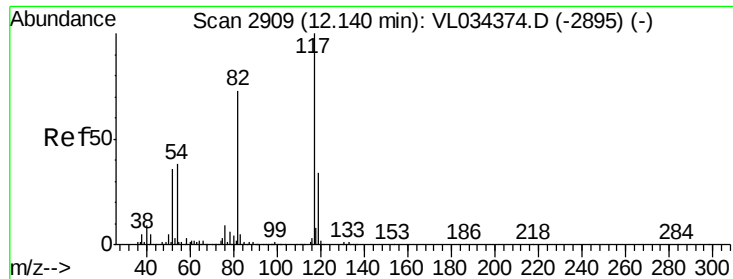
Delta R.T. 0.01 min

Lab File: VL034424.D

Acq: 2 Dec 2019 13:42

Tgt Ion:	91	Resp:	3011665
Ion Ratio	Lower	Upper	
91	100		
92	61.7	47.9	71.9





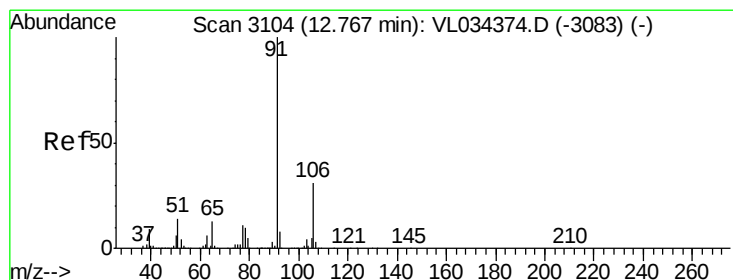
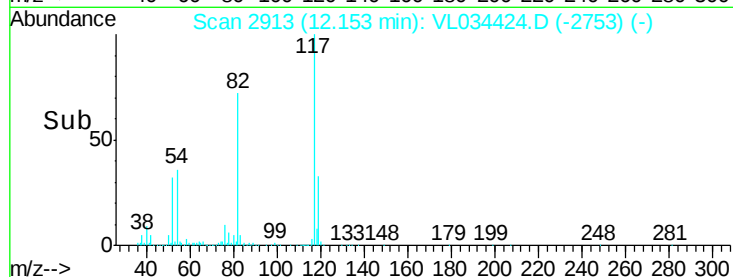
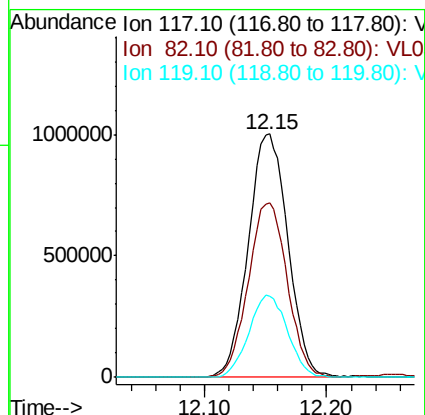
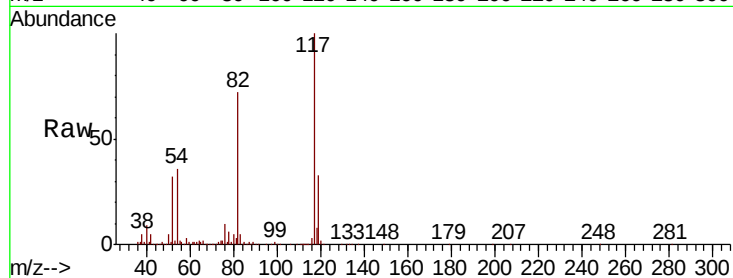
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2913
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument :
MSVOA_L
ClientSampled :
SV-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	70.7	57.5	86.3
119	33.1	25.4	38.2

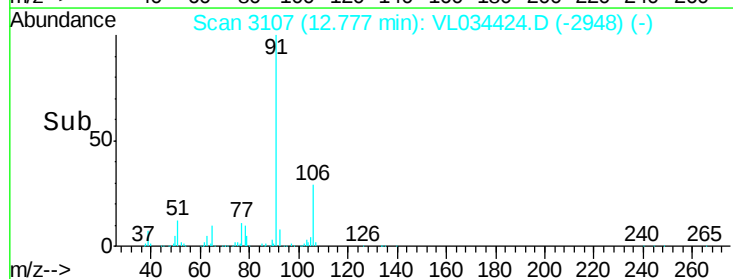
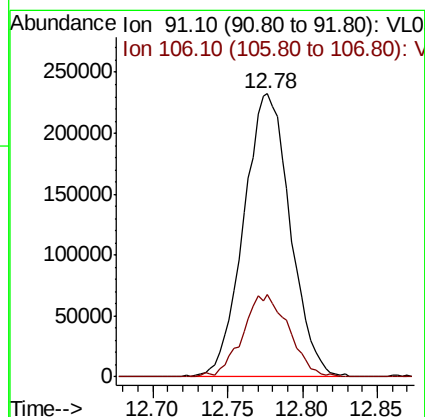
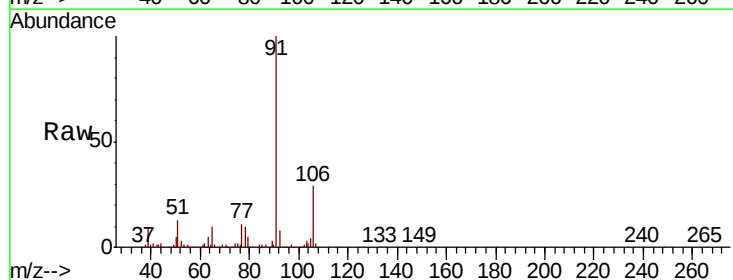
Manual Integrations
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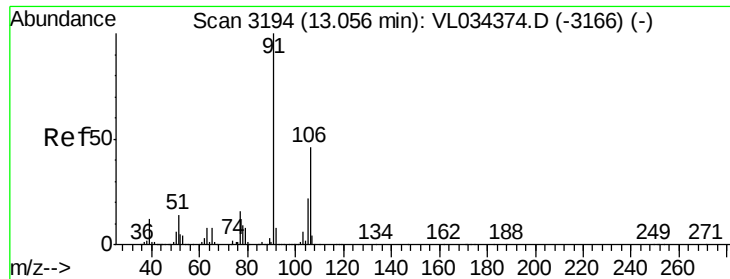
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#58
Ethyl Benzene
Concen: 1.443 ppbv
RT: 12.78 min Scan# 3107
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.0	24.8	37.2





#59

m/p-Xylene

Concen: 4.573 ppbv

RT: 13.03 min Scan# 3186

Delta R.T. -0.03 min

Lab File: VL034424.D

Acq: 2 Dec 2019 13:42

Instrument :

MSVOA_L

ClientSampled :

SV-1

Tot Ion: 91 Resp: 1379167

Ion Ratio Lower Upper

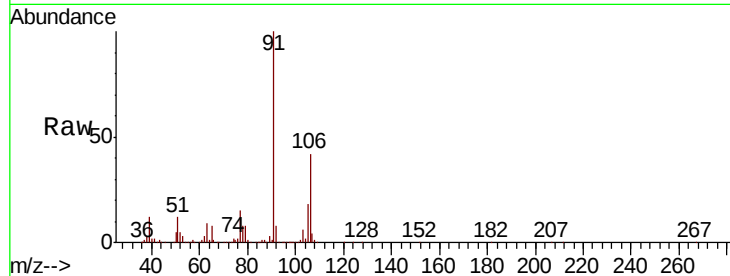
91 100

106 44.6 34.6 51.8

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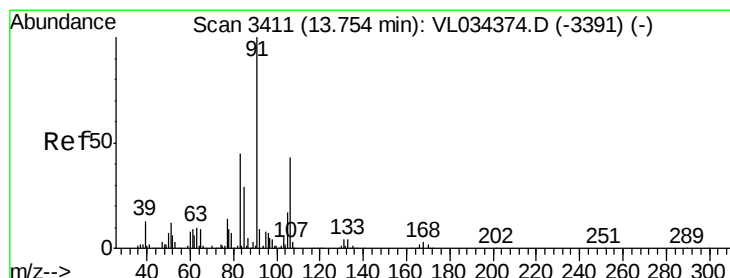
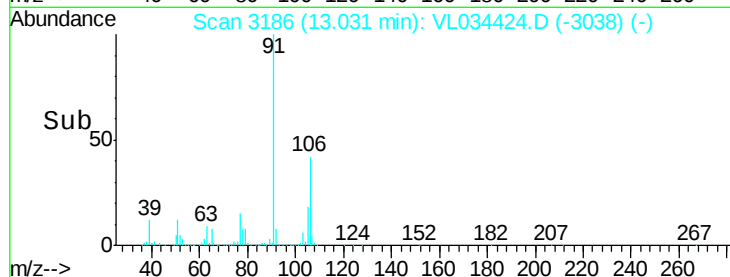
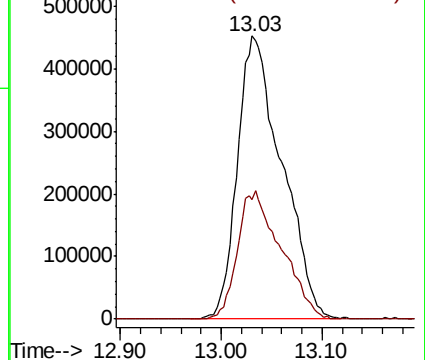
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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#60

o-Xylene

Concen: 1.565 ppbv

RT: 13.76 min Scan# 3413

Delta R.T. 0.01 min

Lab File: VL034424.D

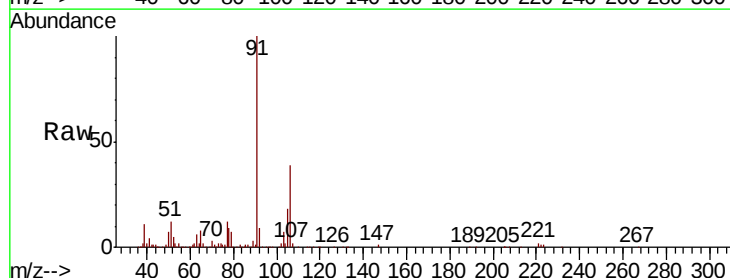
Acq: 2 Dec 2019 13:42

Tgt Ion: 91 Resp: 466808

Ion Ratio Lower Upper

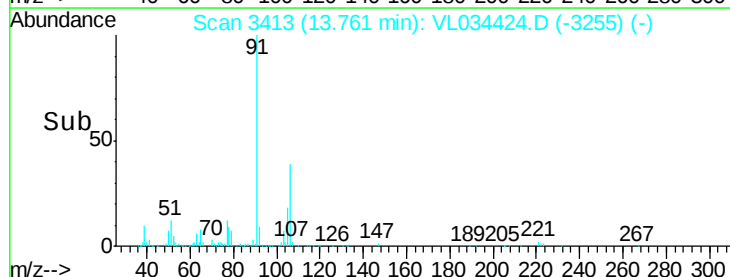
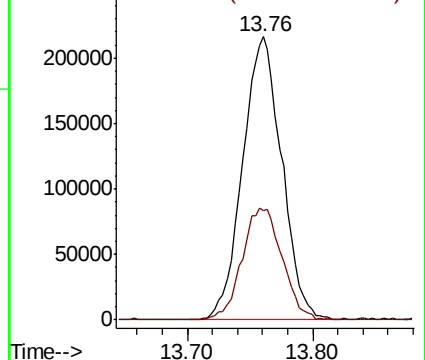
91 100

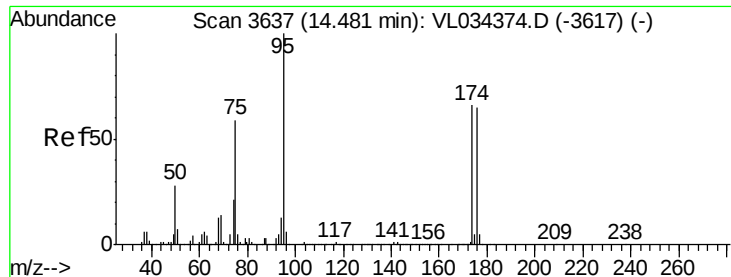
106 40.7 21.3 64.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





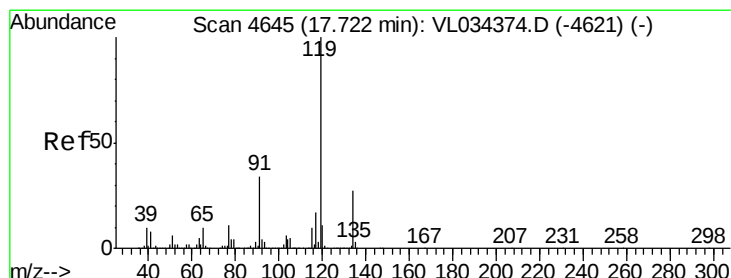
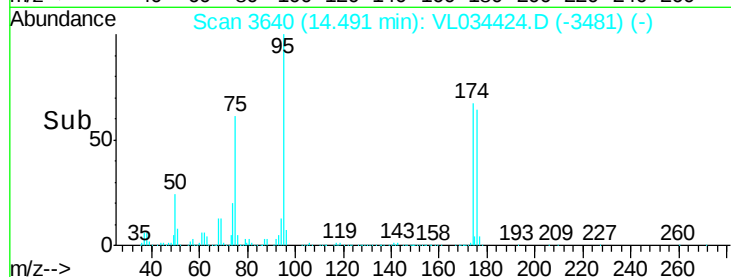
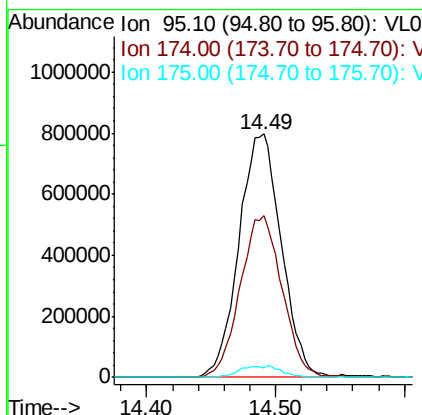
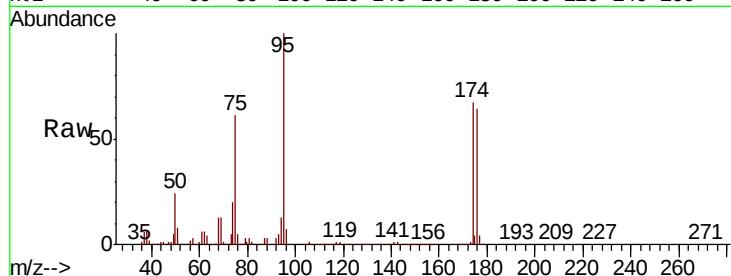
#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.627 ppbv
 RT: 14.49 min Scan# 3640
 Delta R.T. 0.01 min
 Lab File: VL034424.D
 Acq: 2 Dec 2019 13:42

Instrument :
 MSVOA_L
 ClientSampled :
 SV-1

Tot Ion: 95 Resp: 1820885
 Ion Ratio Lower Upper
 95 100
 174 66.0 52.2 78.2
 175 4.7 3.8 5.8

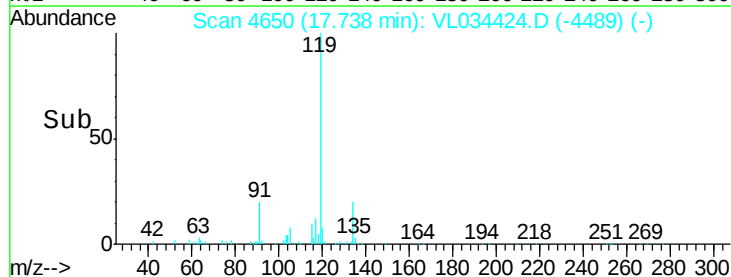
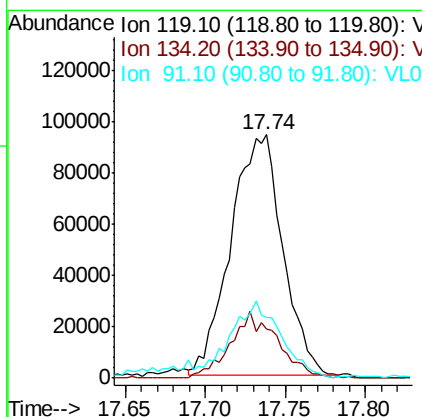
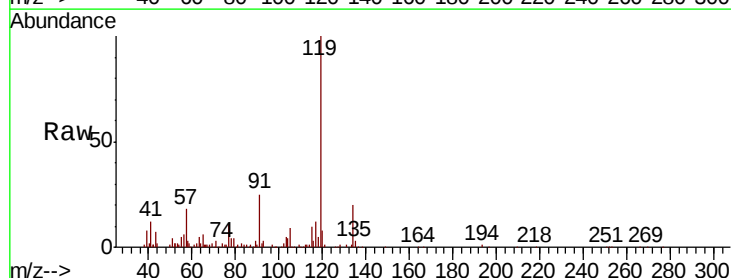
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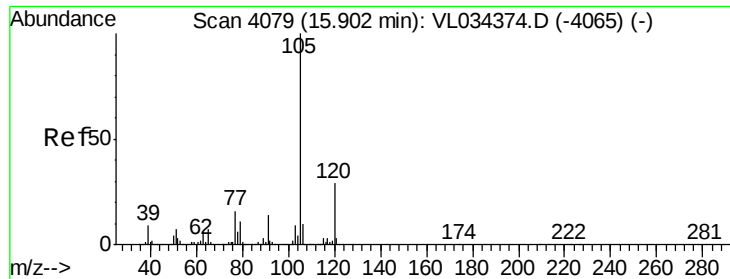
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#69
 p-Isopropyltoluene
 Concen: 0.505 ppbv
 RT: 17.74 min Scan# 4650
 Delta R.T. 0.02 min
 Lab File: VL034424.D
 Acq: 2 Dec 2019 13:42

Tgt Ion: 119 Resp: 207846
 Ion Ratio Lower Upper
 119 100
 134 25.4 20.6 31.0
 91 34.8 26.3 39.5





#72

4-Ethyltoluene

Concen: 0.329 ppbv m

RT: 15.91 min Scan# 4083

Delta R.T. 0.01 min

Lab File: VL034424.D

Acq: 2 Dec 2019 13:42

Instrument :

MSVOA_L

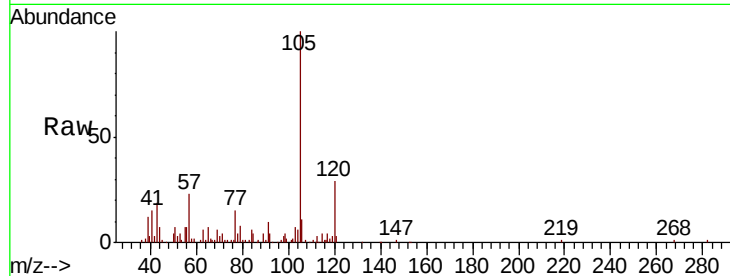
ClientSampled :

SV-1

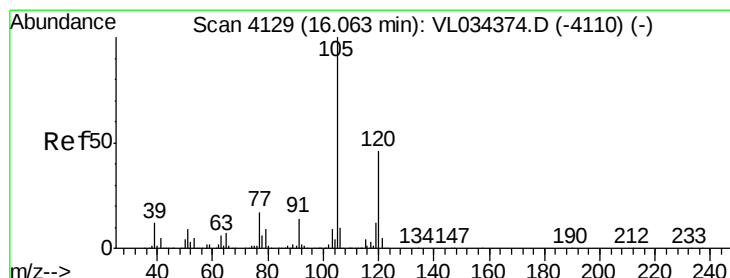
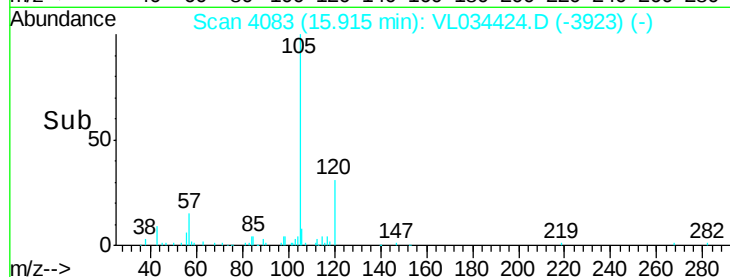
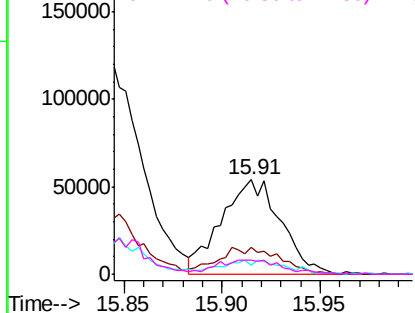
Tot Ion	Ratio	Resp	Lower	Upper
105	100	113325		
120	0.0	23.5	35.3#	
91	0.0	11.4	17.0#	
77	0.0	12.6	19.0#	

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Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V
Ion 91.10 (90.80 to 91.80): VL0
Ion 77.10 (76.80 to 77.80): VL0



#73

1,3,5-Trimethylbenzene

Concen: 0.262 ppbv m

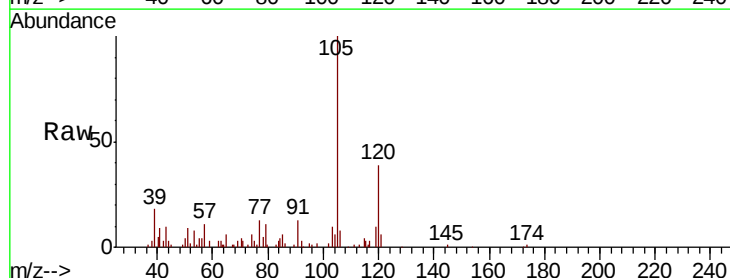
RT: 16.07 min Scan# 4131

Delta R.T. 0.01 min

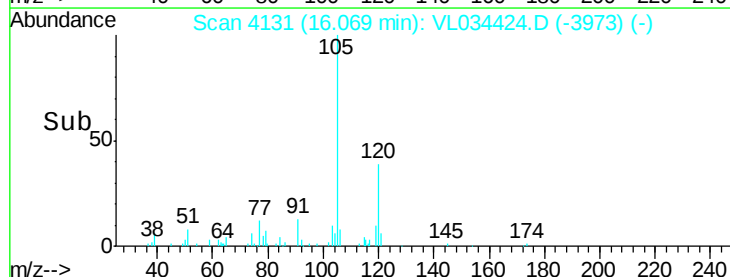
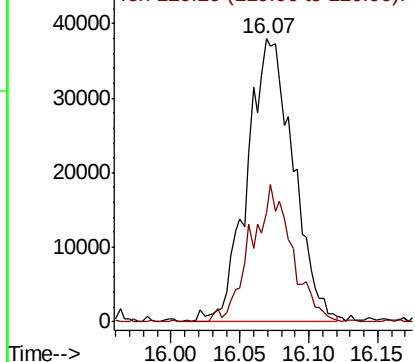
Lab File: VL034424.D

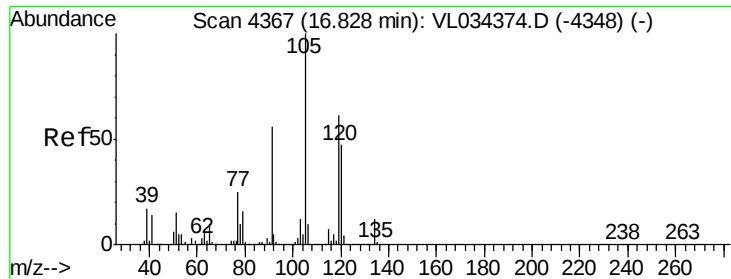
Acq: 2 Dec 2019 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	88412		
120	38.7	37.1	55.7	



Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V





#74

1,2,4-Trimethylbenzene

Concen: 0.906 ppbv

RT: 16.84 min Scan# 4371

Delta R.T. 0.01 min

Lab File: VL034424.D

Acq: 2 Dec 2019 13:42

Instrument :

MSVOA_L

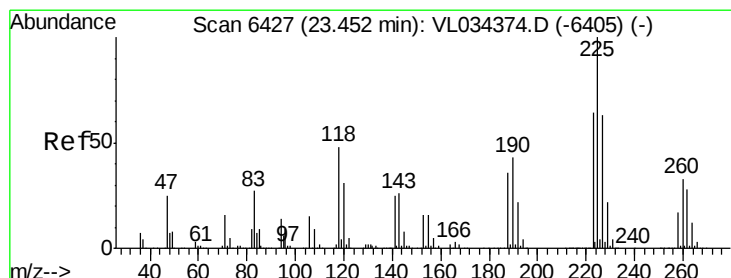
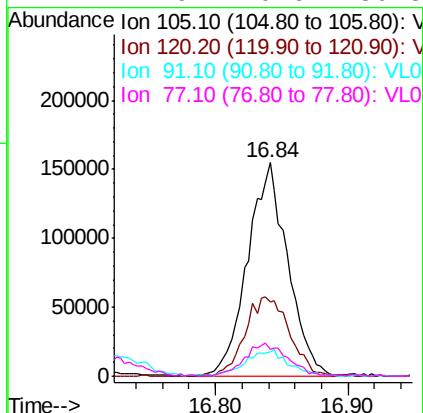
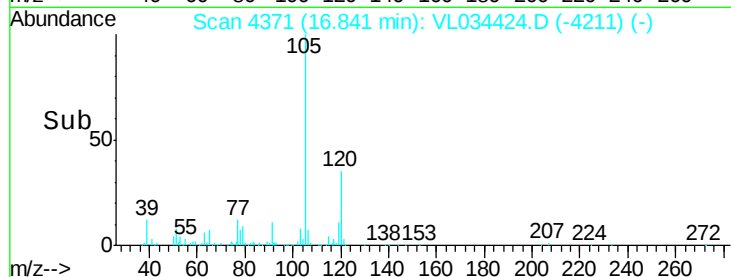
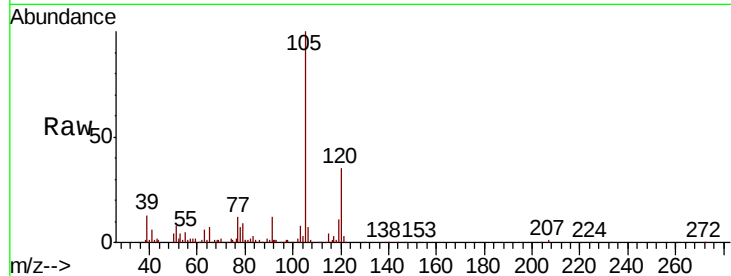
ClientSampleId :

SV-1

Tot Ion	Ratio	Resp	Lower	Upper
105	100	324570		
120	34.7		37.4	56.0#
91	12.5		46.3	69.5#
77	11.9		20.6	30.8#

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#78

Hexachloro-1,3-Butadiene

Concen: 0.171 ppbv m

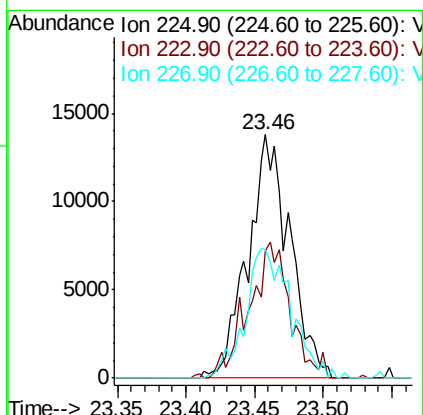
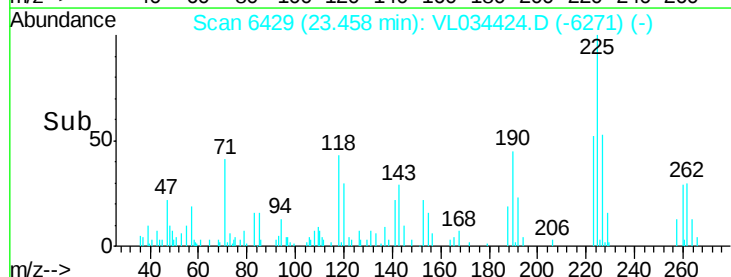
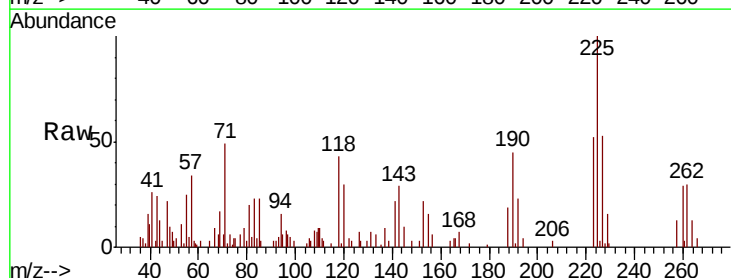
RT: 23.46 min Scan# 6429

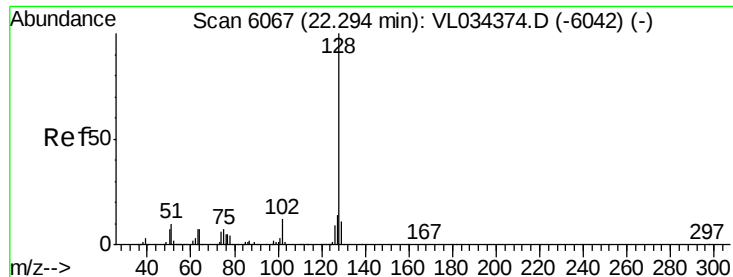
Delta R.T. 0.01 min

Lab File: VL034424.D

Acq: 2 Dec 2019 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	29212		
223	0.0		50.2	75.2#
227	0.0		51.5	77.3#





#79

Naphthalene

Concen: 0.100 ppbv m

RT: 22.32 min Scan# 6074

Delta R.T. 0.02 min

Lab File: VL034424.D

Acq: 2 Dec 2019 13:42

Instrument :

MSVOA_L

ClientSampleId :

SV-1

Tot Ion:	128	Resp:	31062
Ion Ratio	Lower	Upper	
128	100		
127	3.9	11.0	16.6#
129	14.2	8.9	13.3#

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