

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120219\
 Data File : VL034431.D
 Acq On : 2 Dec 2019 18:12
 Operator : SY/AP
 Sample : K6068-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-3

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Quant Time: Dec 03 11:36:52 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	910414	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.23	114	1799461	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.16	117	1870516	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.49	95	1544596	9.82	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	541457	3.287	ppbv	94
3) Chlorodifluoromethane	2.96	51	165104m	1.453	ppbv	
7) Chloroethane	3.54	64	14279m	0.627	ppbv	
9) Propene	2.99	41	267778	5.310	ppbv	84
10) Heptane	8.18	43	68504m	0.526	ppbv	
11) Trichlorofluoromethane	3.95	101	43462	0.265	ppbv #	81
13) Ethanol	3.61	45	708045	50.402	ppbv	95
15) Acetone	3.85	43	2276456	17.462	ppbv	99
17) tert-Butyl alcohol	4.32	59	416724	3.803	ppbv	99
19) Isopropyl Alcohol	3.99	45	7522300	90.020	ppbv #	98
20) Methylene Chloride	4.35	84	151221	3.271	ppbv	97
22) trans-1,2-Dichloroethene	4.90	96	246595	5.137	ppbv	94
26) Hexane	5.71	57	152360	1.524	ppbv #	48
29) Chloroform	5.78	83	2288855	14.139	ppbv	97
30) Cyclohexane	7.17	84	39688m	0.525	ppbv	
31) cis-1,2-Dichloroethene	5.57	61	4845325	46.906	ppbv #	81
32) 1,1,1-Trichloroethane	6.55	97	2288492	15.078	ppbv	99
34) 2-Butanone	5.29	43	424974	2.869	ppbv	99
35) Carbon Tetrachloride	7.06	117	14538m	0.094	ppbv	
36) Benzene	6.93	78	161419m	0.897	ppbv	
38) Trichloroethene	7.92	130	20670383	280.016	ppbv	87
41) Tetrahydrofuran	6.10	42	220243	2.651	ppbv	96
50) 4-Methyl-2-Pentanone	8.80	43	95435m	0.445	ppbv	
51) 2-Hexanone	10.20	43	97575	0.544	ppbv #	90
52) Tetrachloroethene	11.31	164	8635070	110.947	ppbv	86
53) Toluene	9.87	91	1083784	5.304	ppbv	98
58) Ethyl Benzene	12.78	91	235754	0.812	ppbv	90
59) m/p-Xylene	13.04	91	686826m	2.737	ppbv	
60) o-Xylene	13.76	91	256861	1.035	ppbv	96
69) p-Isopropyltoluene	17.73	119	159216m	0.465	ppbv	
72) 4-Ethyltoluene	15.91	105	98276	0.343	ppbv	97
73) 1,3,5-Trimethylbenzene	16.08	105	75968m	0.271	ppbv	
74) 1,2,4-Trimethylbenzene	16.84	105	317506m	1.065	ppbv	
79) Naphthalene	22.30	128	32995m	0.128	ppbv	

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

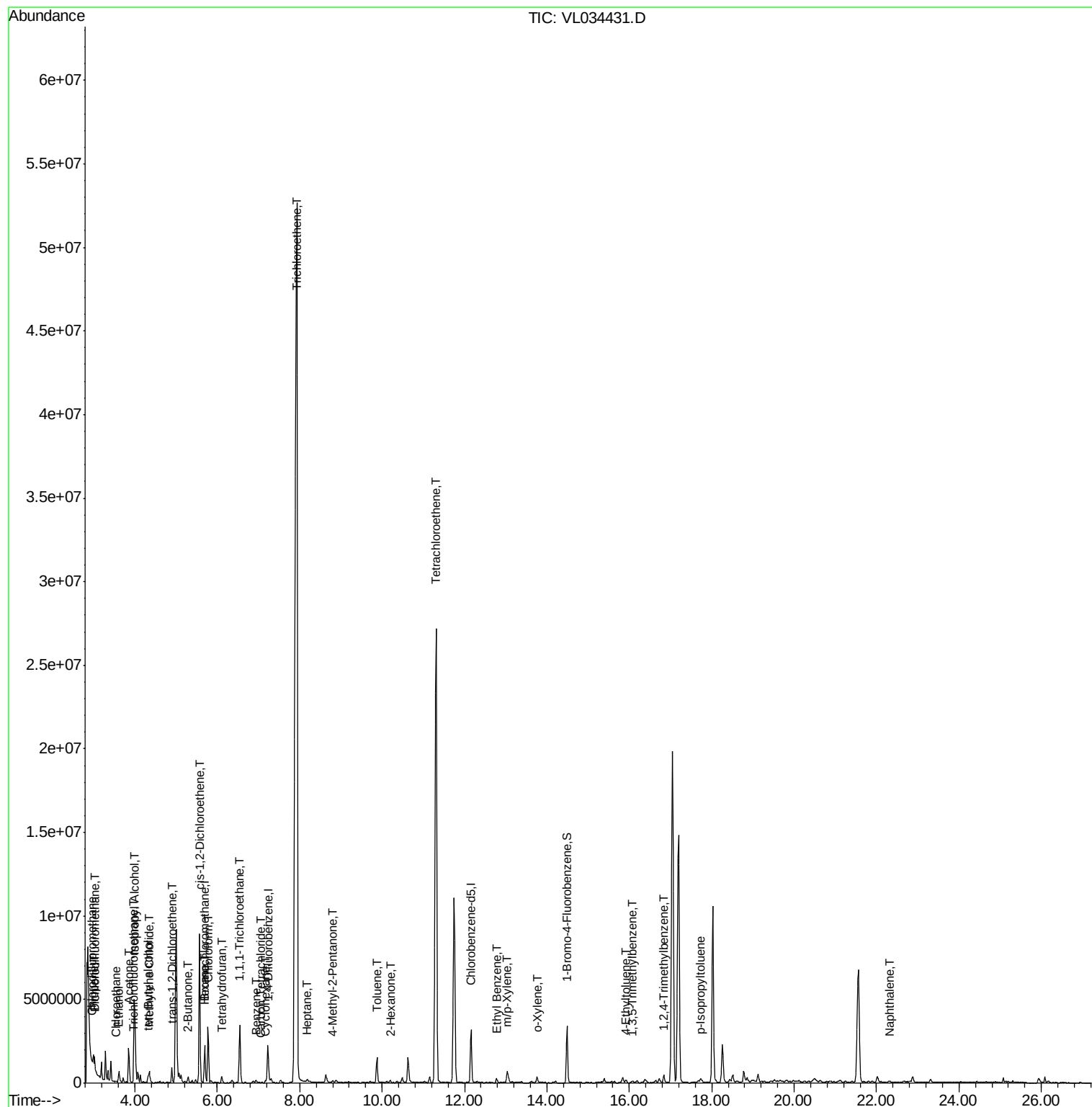
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL120219\
Data File : VL034431.D
Acq On : 2 Dec 2019 18:12
Operator : SY/AP
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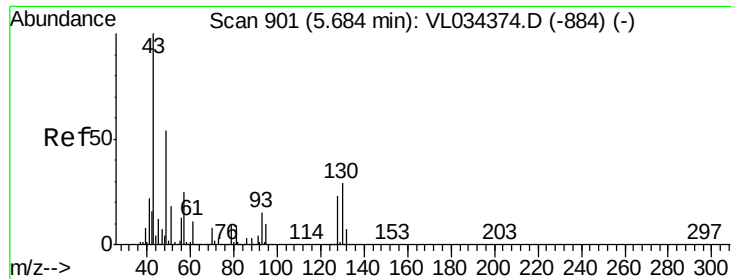
Instrument :
MSVOA_L
ClientSampleId :
SV-3

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Quant Time: Dec 03 11:36:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue 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# 902

Delta R.T. 0.00 min

Lab File: VL034431.D

Acq: 2 Dec 2019 18:12

Instrument :

MSVOA_L

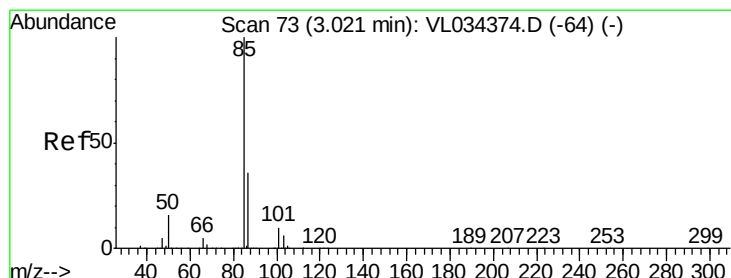
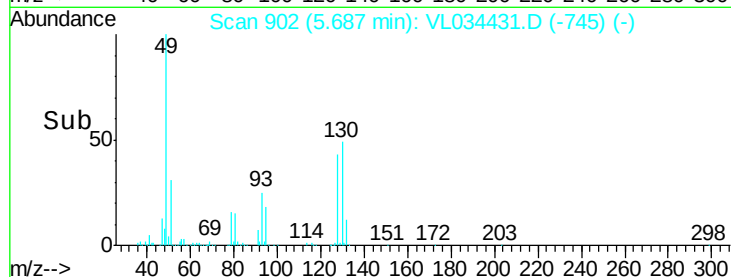
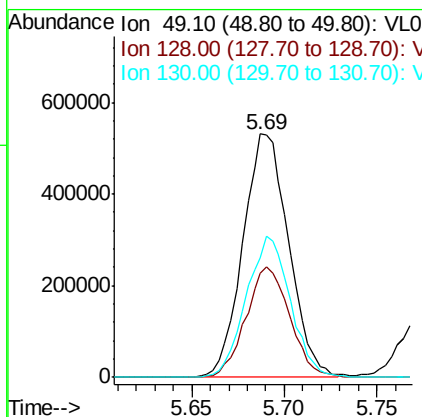
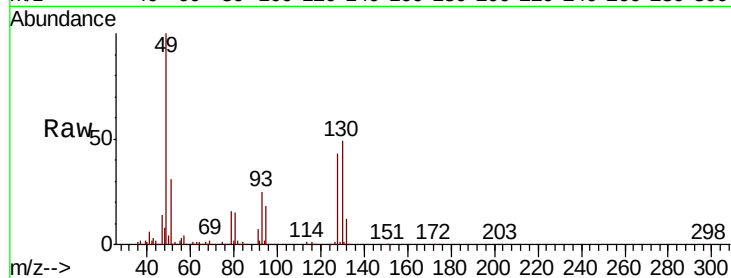
ClientSampled :

SV-3

Tot Ion:	49	Resp:	910414
Ion	Ratio	Lower	Upper
49	100		
128	43.9	21.8	65.3
130	56.2	28.0	84.0

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#2

Dichlorodifluoromethane

Concen: 3.287 ppbv

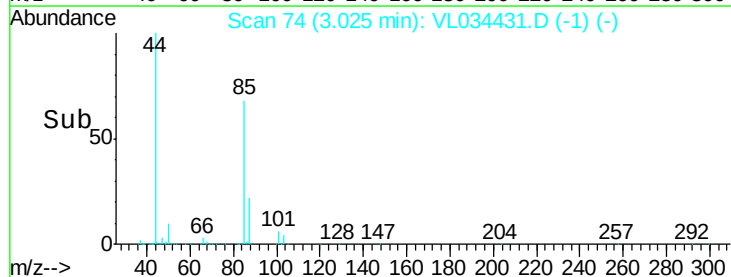
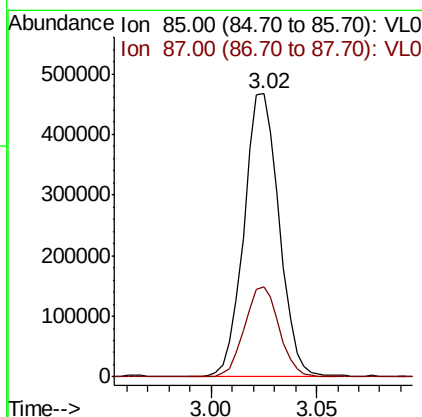
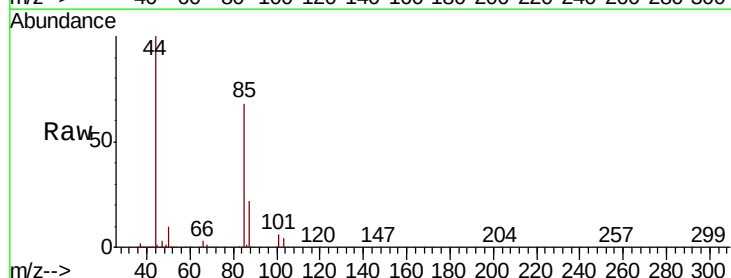
RT: 3.02 min Scan# 74

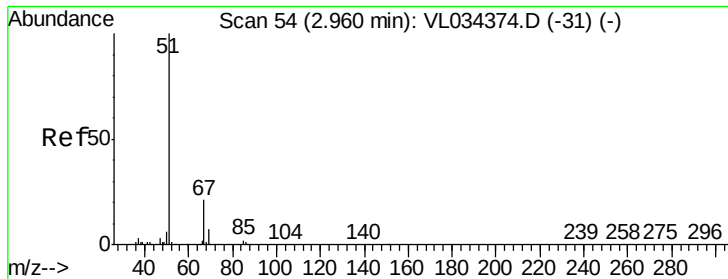
Delta R.T. 0.00 min

Lab File: VL034431.D

Acq: 2 Dec 2019 18:12

Tgt Ion:	85	Resp:	541457
Ion	Ratio	Lower	Upper
85	100		
87	31.9	28.5	42.7





#3

Chlorodifluoromethane

Concen: 1.453 ppbv m

RT: 2.96 min Scan# 54

Delta R.T. 0.00 min

Lab File: VL034431.D

Acq: 2 Dec 2019 18:12

Instrument :

MSVOA_L

ClientSampleId :

SV-3

Tot Ion: 51 Resp: 165104

Ion Ratio Lower Upper

51 100

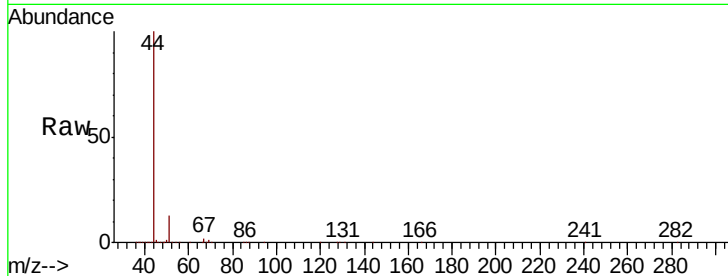
67 19.0 16.2 24.2

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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

2.96

150000

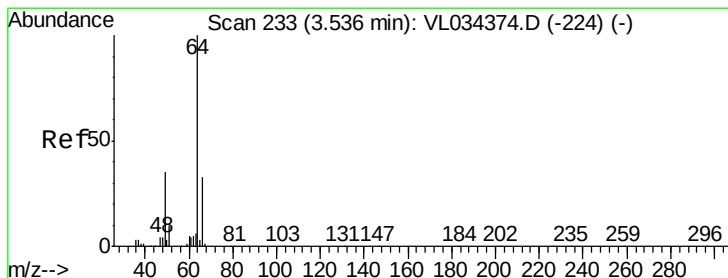
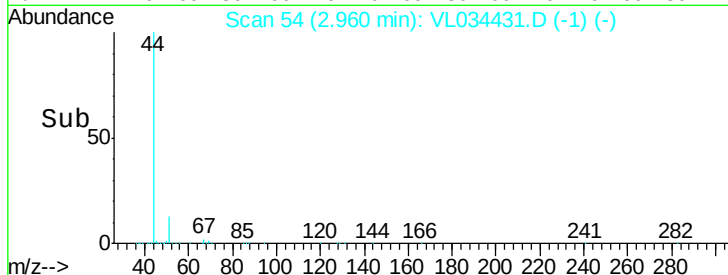
100000

50000

0

2.92 2.94 2.96 2.98 3.00

Time-->



#7

Chloroethane

Concen: 0.627 ppbv m

RT: 3.54 min Scan# 235

Delta R.T. 0.01 min

Lab File: VL034431.D

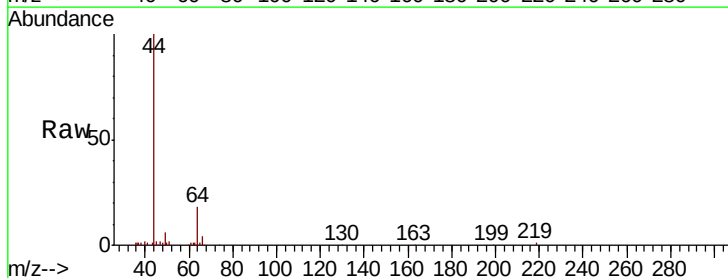
Acq: 2 Dec 2019 18:12

Tgt Ion: 64 Resp: 14279

Ion Ratio Lower Upper

64 100

66 20.8 26.0 39.0#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

15000

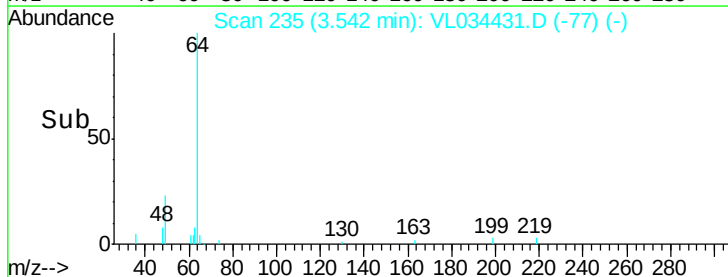
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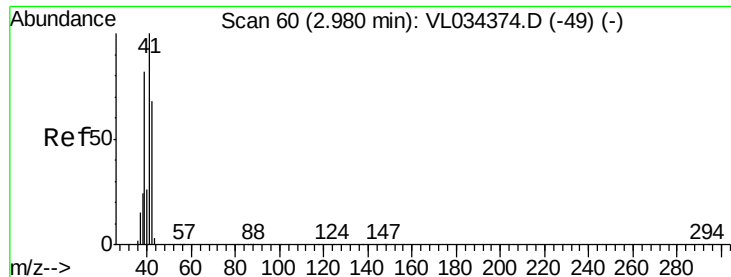
5000

0

3.50 3.55 3.60

Time-->





#9

Propene

Concen: 5.310 ppbv

RT: 2.99 min Scan# 64

Delta R.T. 0.01 min

Lab File: VL034431.D

Acq: 2 Dec 2019 18:12

Instrument :

MSVOA_L

ClientSampleId :

SV-3

Tot Ion: 41 Resp: 267778

Ion Ratio Lower Upper

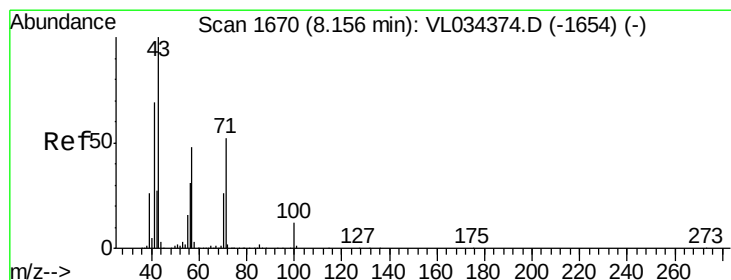
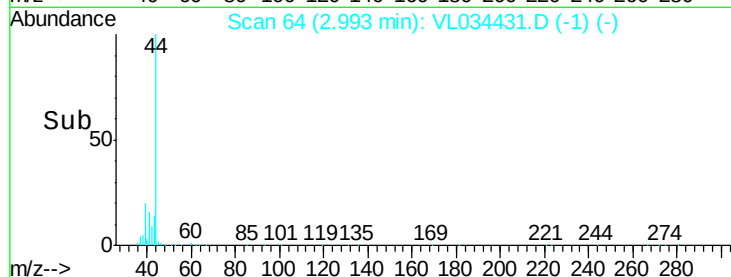
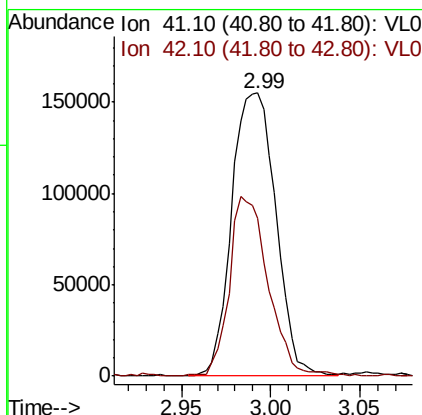
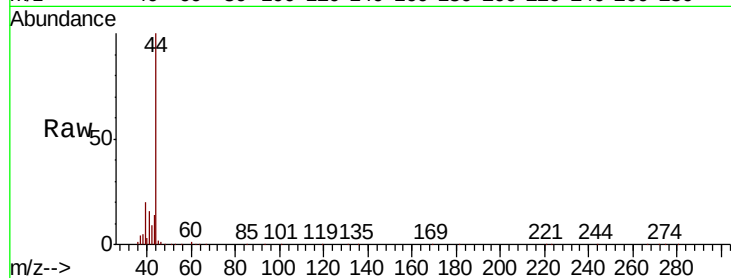
41 100

42 55.6 54.6 82.0

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#10

Heptane

Concen: 0.526 ppbv m

RT: 8.18 min Scan# 1677

Delta R.T. 0.02 min

Lab File: VL034431.D

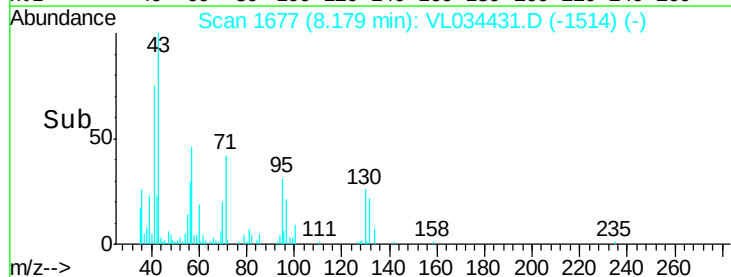
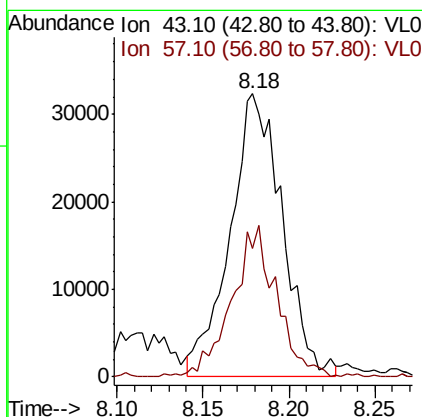
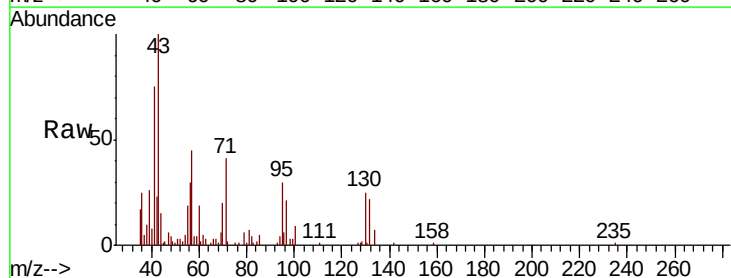
Acq: 2 Dec 2019 18:12

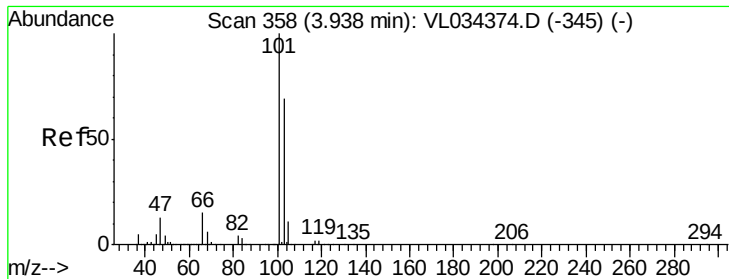
Tgt Ion: 43 Resp: 68504

Ion Ratio Lower Upper

43 100

57 45.8 40.2 60.2





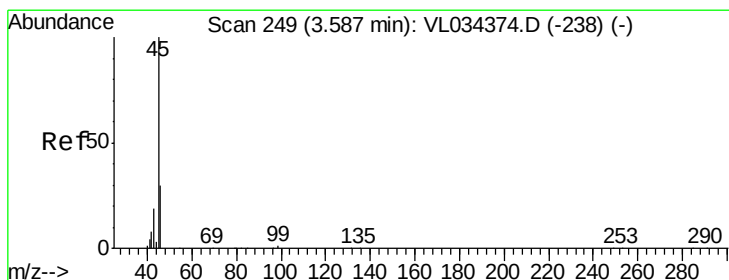
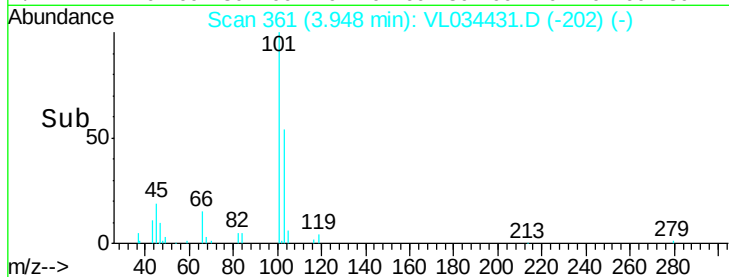
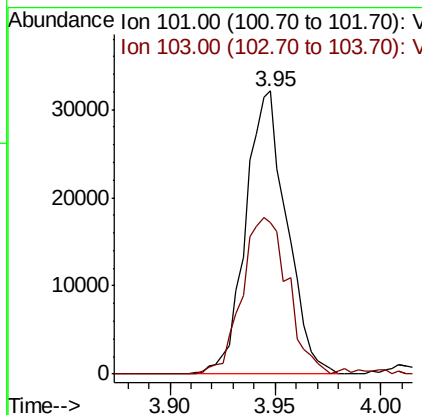
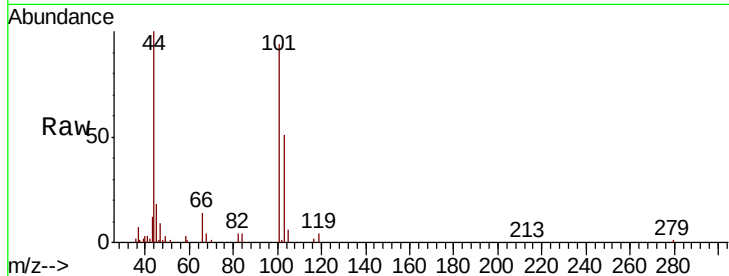
#11
Trichlorofluoromethane
Concen: 0.265 ppbv
RT: 3.95 min Scan# 361
Delta R.T. 0.01 min
Lab File: VL034431.D
Acq: 2 Dec 2019 18:12

Instrument :
MSVOA_L
ClientSampleId :
SV-3

Tot Ion:101 Resp: 43462
Ion Ratio Lower Upper
101 100
103 53.5 55.4 83.0#

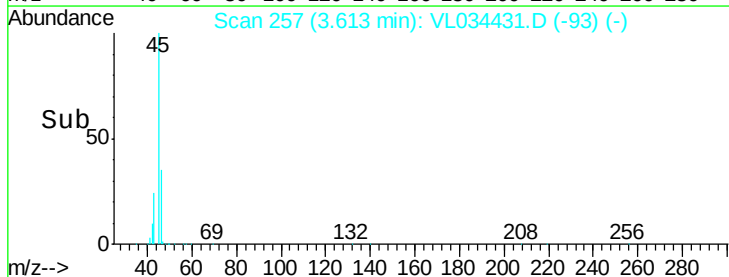
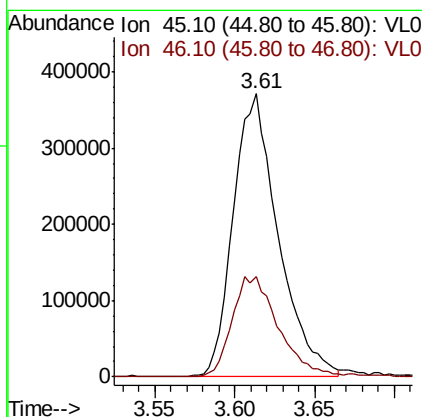
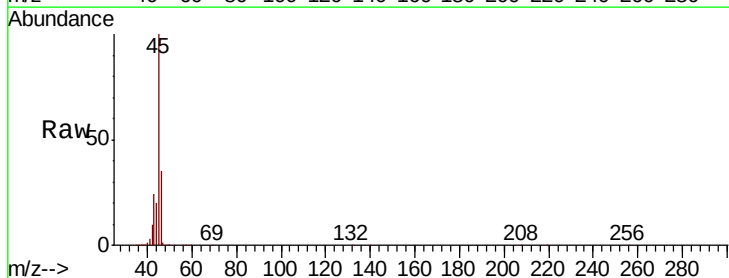
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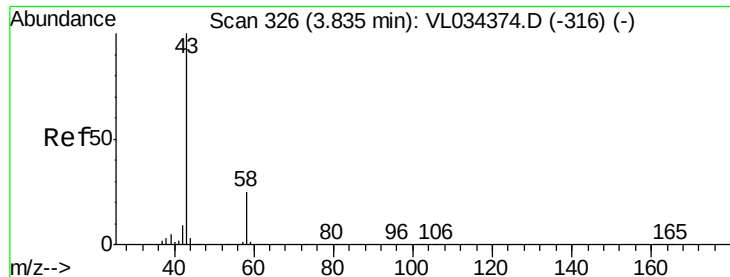
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#13
Ethanol
Concen: 50.402 ppbv
RT: 3.61 min Scan# 257
Delta R.T. 0.03 min
Lab File: VL034431.D
Acq: 2 Dec 2019 18:12

Tgt Ion: 45 Resp: 708045
Ion Ratio Lower Upper
45 100
46 37.5 13.8 55.4





#15

Acetone

Concen: 17.462 ppbv

RT: 3.85 min Scan# 330

Delta R.T. 0.01 min

Lab File: VL034431.D

Acq: 2 Dec 2019 18:12

Instrument :

MSVOA_L

ClientSampled :

SV-3

Tot Ion: 43 Resp: 2276456

Ion Ratio Lower Upper

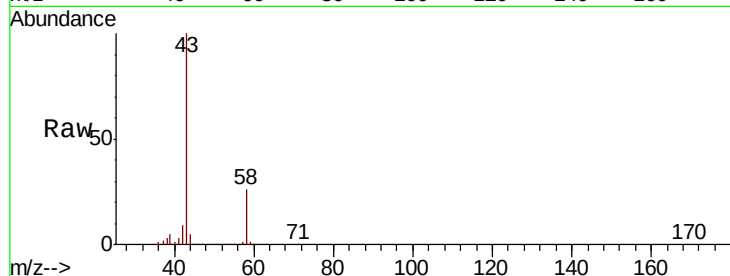
43 100

58 26.0 20.2 30.4

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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

1500000

1000000

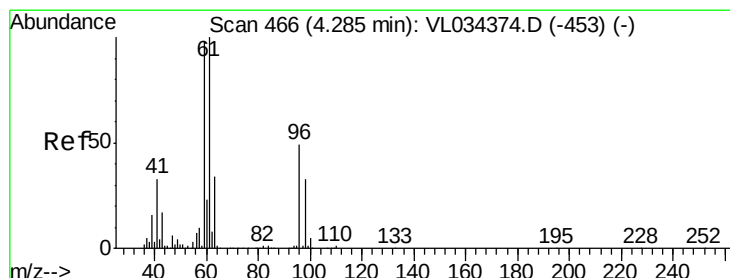
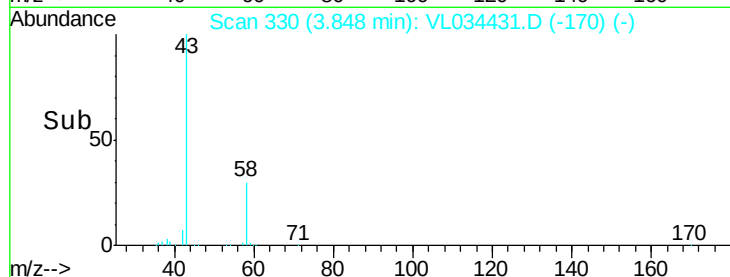
500000

0

3.85

3.80 3.85 3.90 3.95

Time-->



#17

tert-Butyl alcohol

Concen: 3.803 ppbv

RT: 4.32 min Scan# 478

Delta R.T. 0.04 min

Lab File: VL034431.D

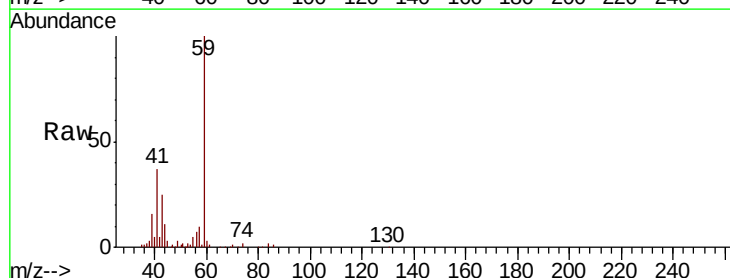
Acq: 2 Dec 2019 18:12

Tgt Ion: 59 Resp: 416724

Ion Ratio Lower Upper

59 100

57 11.5 8.8 13.2



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

200000

150000

100000

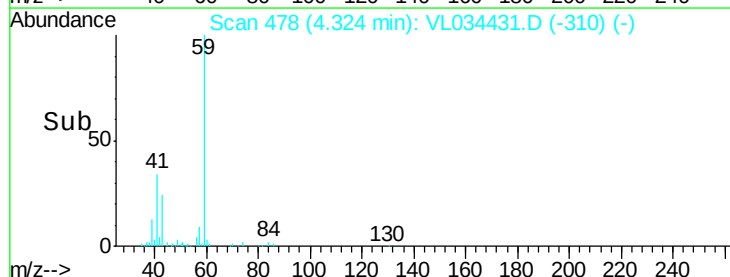
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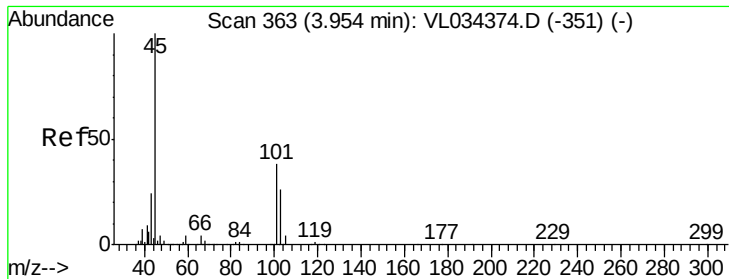
0

4.32

4.25 4.30 4.35 4.40

Time-->





#19

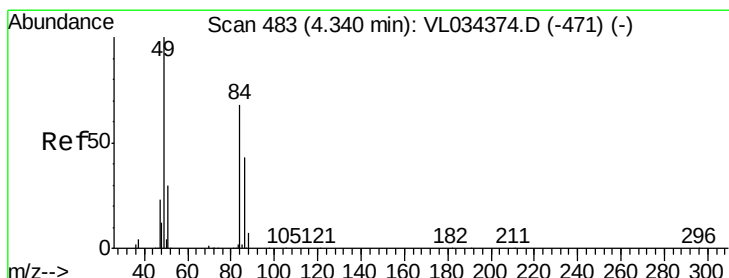
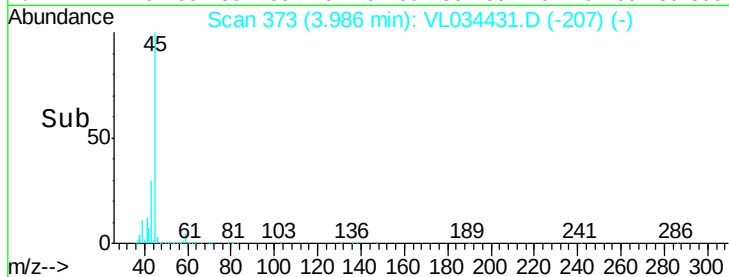
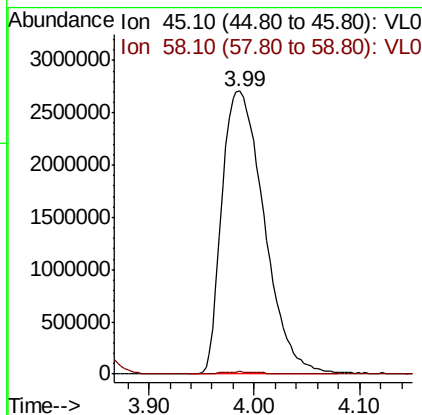
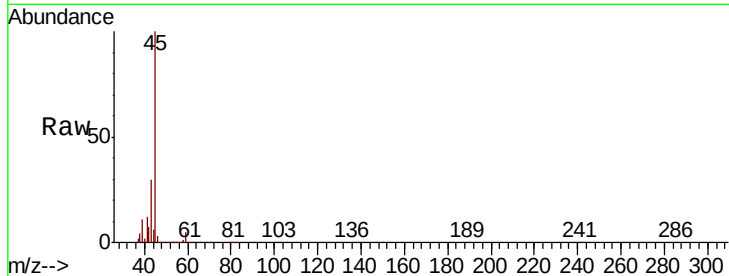
Isopropyl Alcohol
 Concen: 90.020 ppbv
 RT: 3.99 min Scan# 373
 Delta R.T. 0.03 min
 Lab File: VL034431.D
 Acq: 2 Dec 2019 18:12

Instrument :
 MSVOA_L
 ClientSampled :
 SV-3

Tot Ion: 45 Resp: 7522300
 Ion Ratio Lower Upper
 45 100
 58 0.8 1.3 1.9#

Manual Integrations
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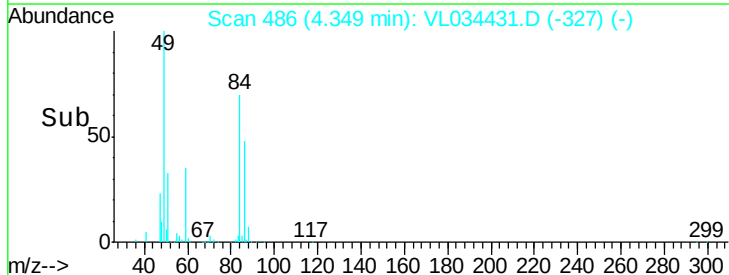
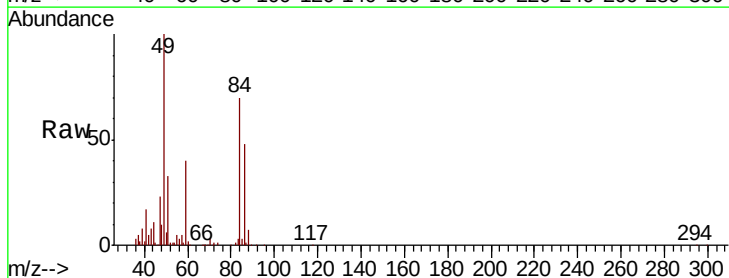
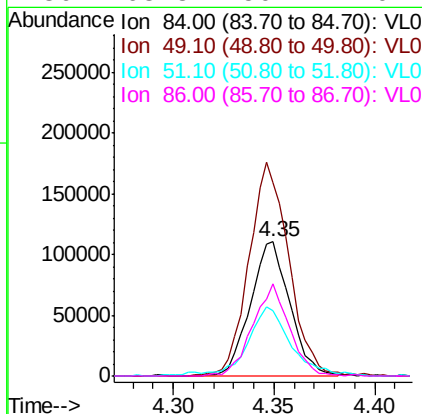
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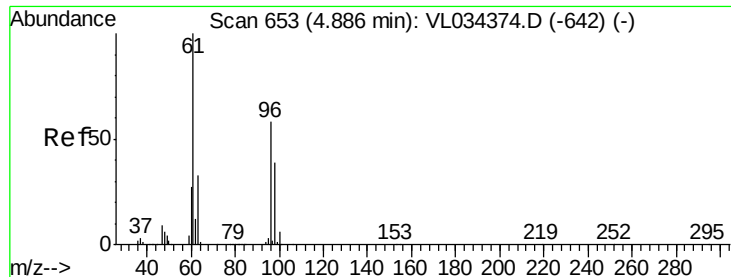


#20

Methylene Chloride
 Concen: 3.271 ppbv
 RT: 4.35 min Scan# 486
 Delta R.T. 0.01 min
 Lab File: VL034431.D
 Acq: 2 Dec 2019 18:12

Tgt Ion: 84 Resp: 151221
 Ion Ratio Lower Upper
 84 100
 49 143.3 116.8 175.2
 51 45.5 35.6 53.4
 86 68.8 50.7 76.1





#22

trans-1,2-Dichloroethene

Concen: 5.137 ppbv

RT: 4.90 min Scan# 656

Delta R.T. 0.01 min

Lab File: VL034431.D

Acq: 2 Dec 2019 18:12

Instrument :

MSVOA_L

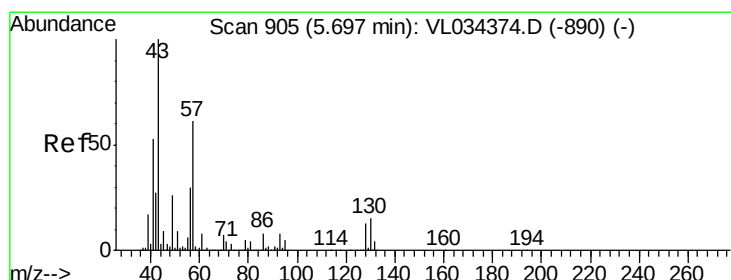
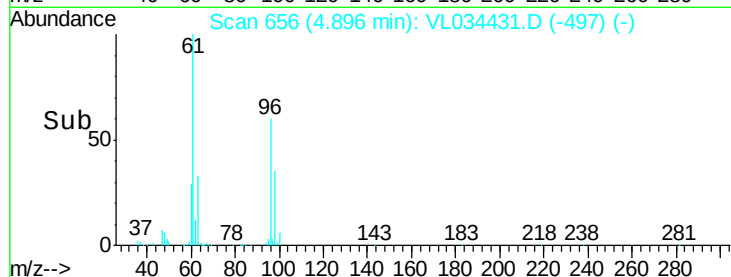
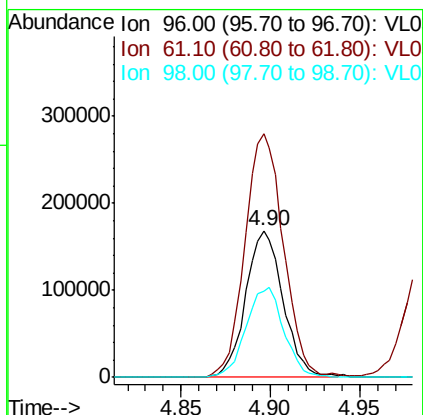
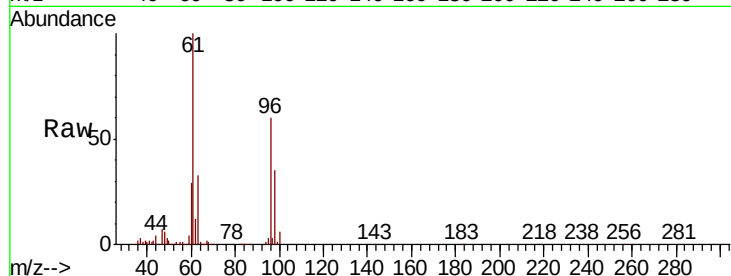
ClientSampled :

SV-3

Tot Ion:	96	Resp:	246595
Ion Ratio	Lower	Upper	
96	100		
61	165.7	137.9	206.9
98	58.7	53.5	80.3

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#26

Hexane

Concen: 1.524 ppbv

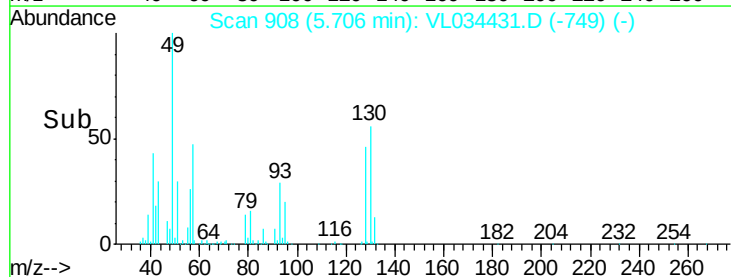
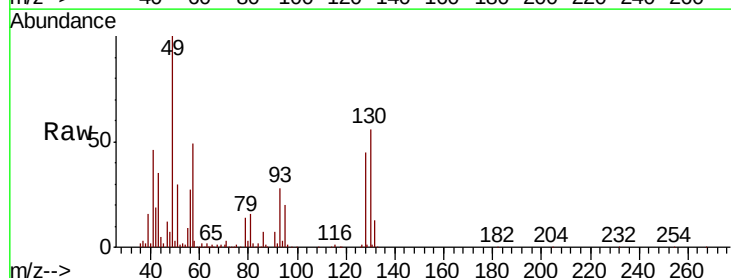
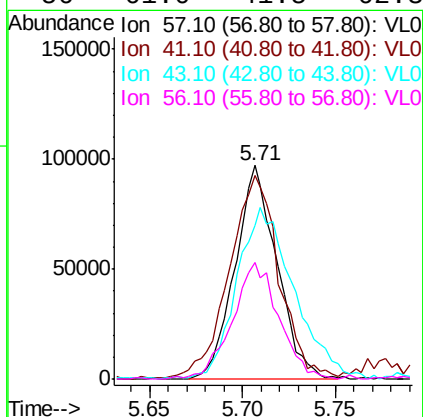
RT: 5.71 min Scan# 908

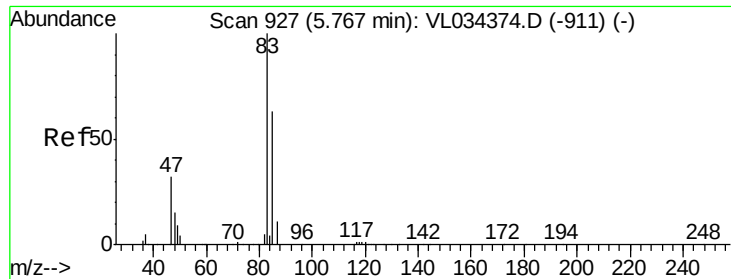
Delta R.T. 0.01 min

Lab File: VL034431.D

Acq: 2 Dec 2019 18:12

Tgt Ion:	57	Resp:	152360
Ion Ratio	Lower	Upper	
57	100		
41	114.0	75.0	112.4#
43	110.3	186.6	279.8#
56	61.0	41.5	62.3





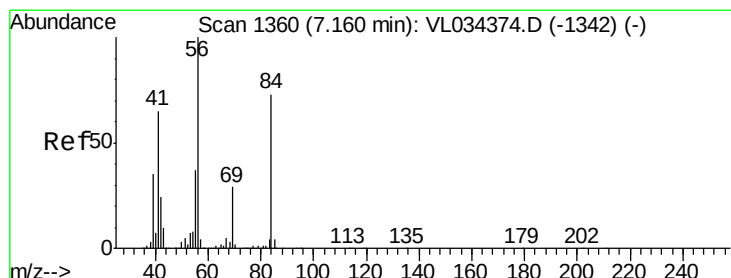
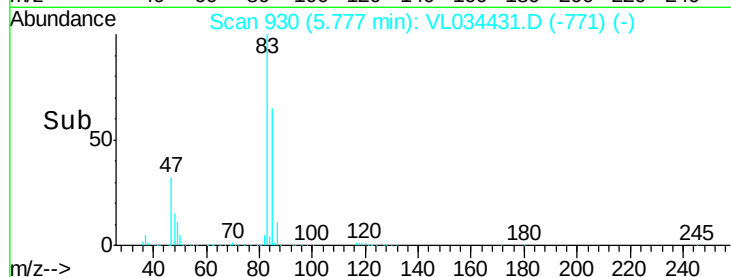
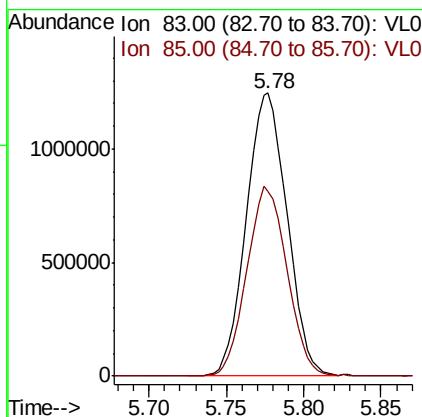
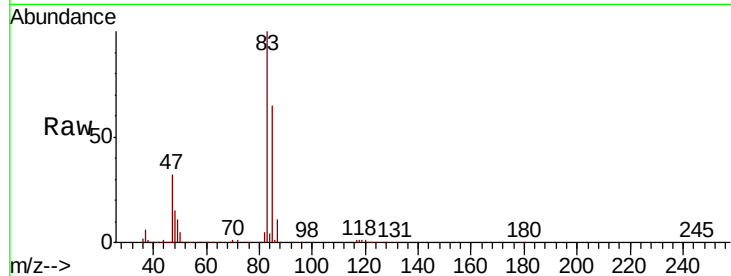
#29
Chloroform
Concen: 14.139 ppbv
RT: 5.78 min Scan# 930
Delta R.T. 0.01 min
Lab File: VL034431.D
Acq: 2 Dec 2019 18:12

Instrument :
MSVOA_L
ClientSampled :
SV-3

Tot Ion: 83 Resp: 2288855
Ion Ratio Lower Upper
83 100
85 65.2 50.4 75.6

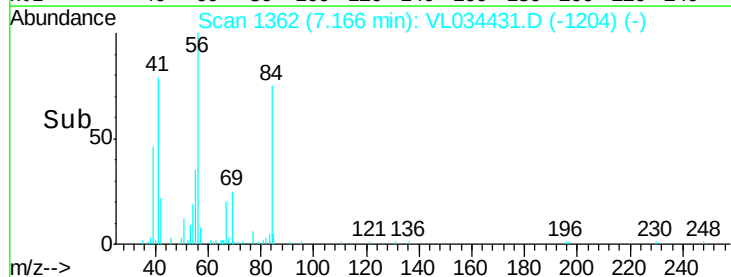
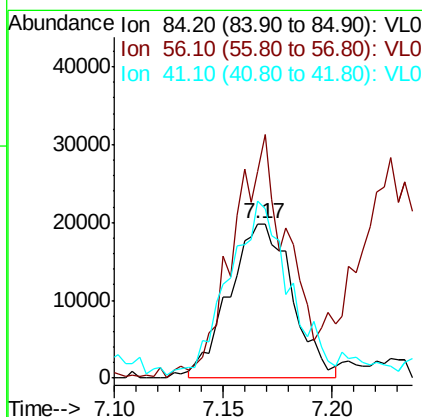
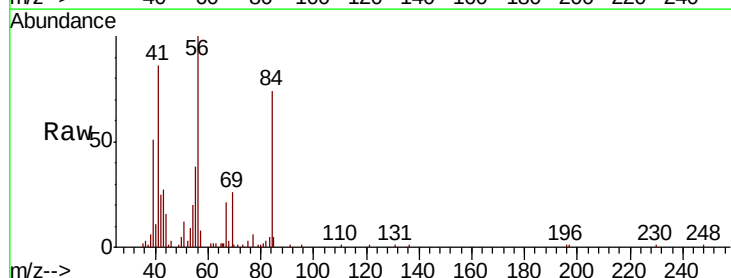
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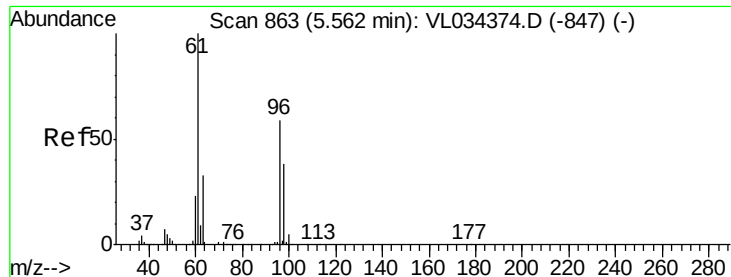
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#30
Cyclohexane
Concen: 0.525 ppbv m
RT: 7.17 min Scan# 1362
Delta R.T. 0.01 min
Lab File: VL034431.D
Acq: 2 Dec 2019 18:12

Tgt Ion: 84 Resp: 39688
Ion Ratio Lower Upper
84 100
56 140.1 112.6 169.0
41 107.9 73.4 110.2





#31

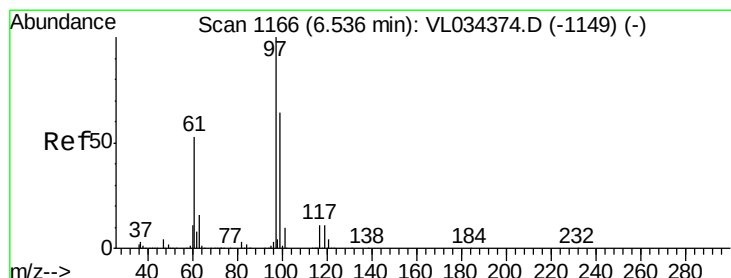
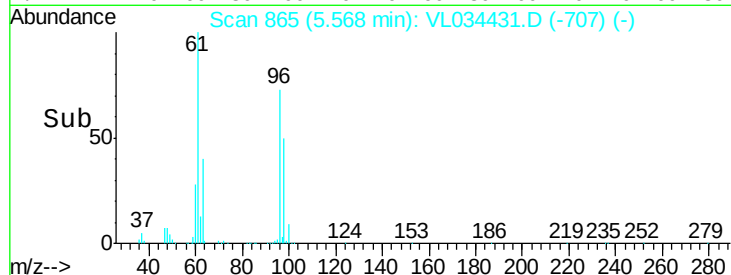
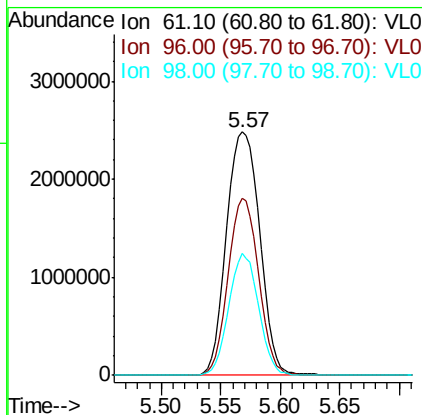
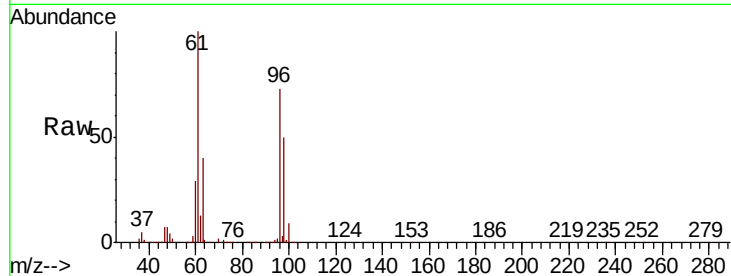
cis-1,2-Dichloroethene
Concen: 46.906 ppbv
RT: 5.57 min Scan# 865
Delta R.T. 0.01 min
Lab File: VL034431.D
Acq: 2 Dec 2019 18:12

Instrument :
MSVOA_L
ClientSampled :
SV-3

Tot Ion: 61 Resp: 4845325
Ion Ratio Lower Upper
61 100
96 72.9 47.4 71.2#
98 49.9 30.6 45.8#

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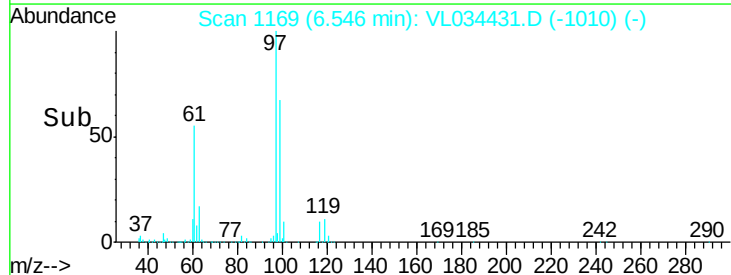
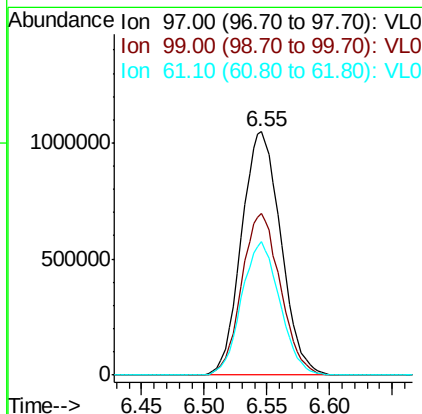
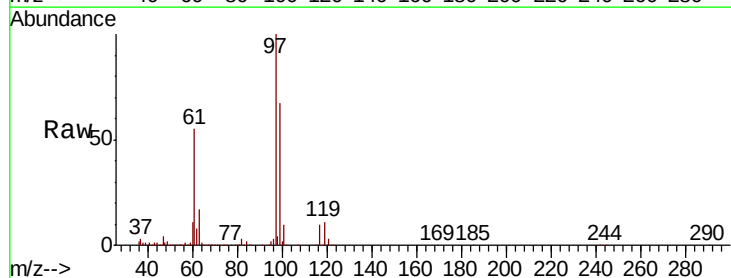
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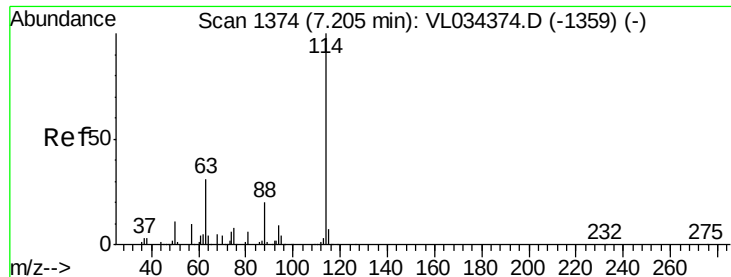


#32

1,1,1-Trichloroethane
Concen: 15.078 ppbv
RT: 6.55 min Scan# 1169
Delta R.T. 0.01 min
Lab File: VL034431.D
Acq: 2 Dec 2019 18:12

Tgt Ion: 97 Resp: 2288492
Ion Ratio Lower Upper
97 100
99 65.2 52.3 78.5
61 53.2 43.7 65.5





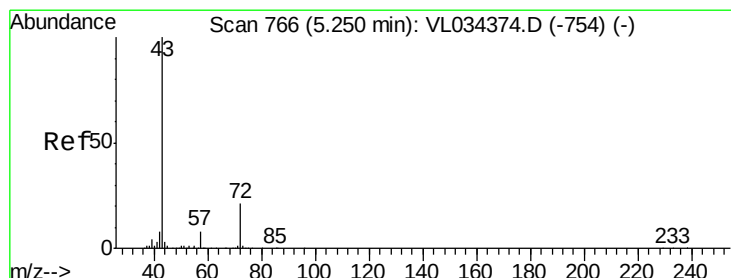
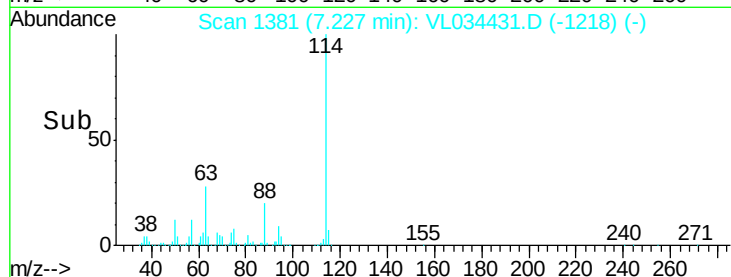
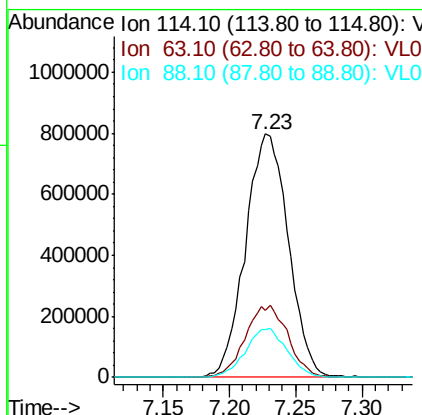
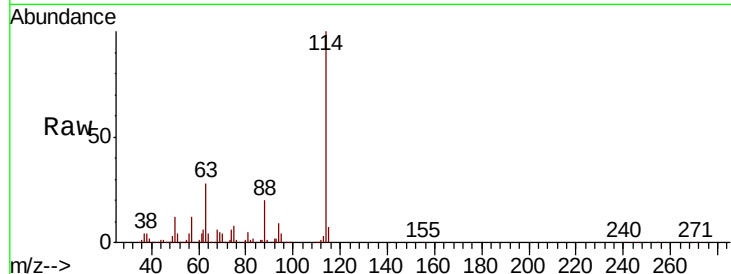
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.23 min Scan# 1381
 Delta R.T. 0.02 min
 Lab File: VL034431.D
 Acq: 2 Dec 2019 18:12

Instrument :
 MSVOA_L
 ClientSampled :
 SV-3

Tot Ion	Ratio	Lower	Upper
114	100		
63	29.2	24.2	36.4
88	19.5	15.9	23.9

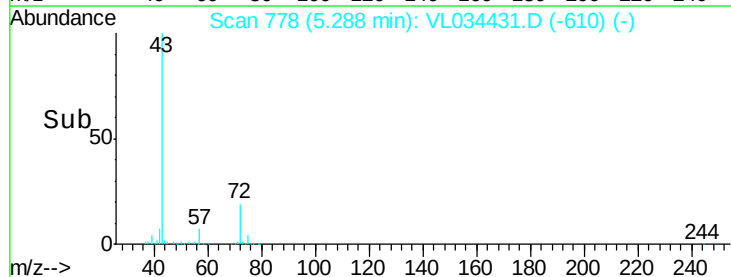
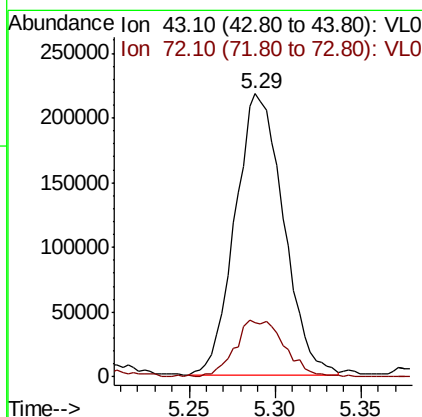
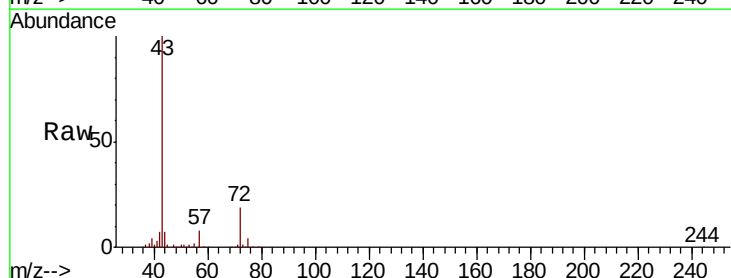
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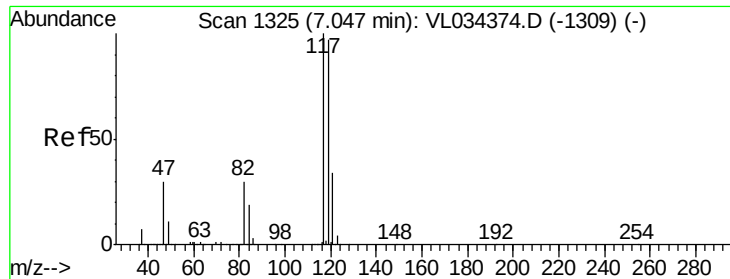
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#34
 2-Butanone
 Concen: 2.869 ppbv
 RT: 5.29 min Scan# 778
 Delta R.T. 0.04 min
 Lab File: VL034431.D
 Acq: 2 Dec 2019 18:12

Tgt Ion	Ratio	Lower	Upper
43	100		
72	20.8	17.0	25.6





#35

Carbon Tetrachloride

Concen: 0.094 ppbv m

RT: 7.06 min Scan# 1330

Delta R.T. 0.02 min

Lab File: VL034431.D

Acq: 2 Dec 2019 18:12

Instrument :

MSVOA_L

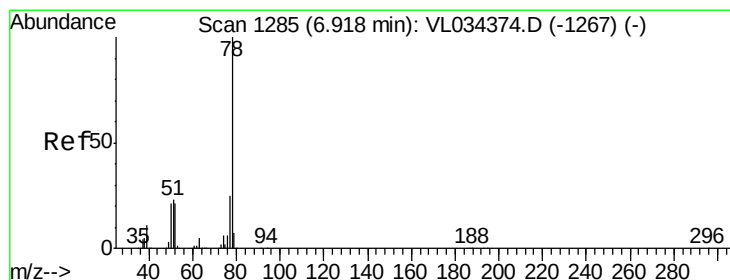
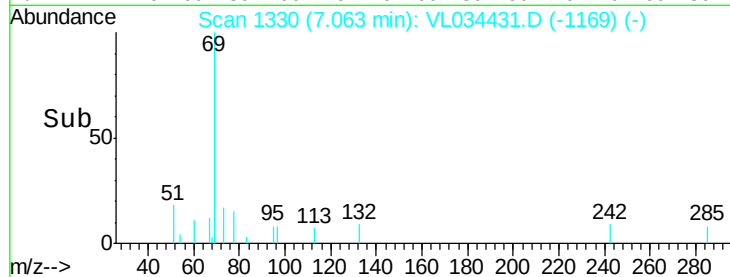
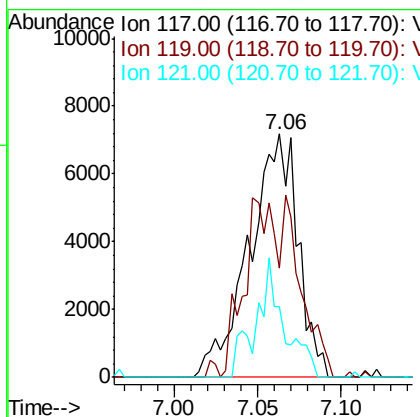
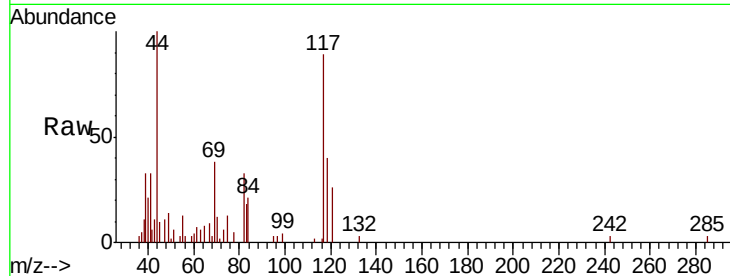
ClientSampleId :

SV-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
117	100		14538		
119	44.7		77.3	115.9#	
121	29.1		27.4	41.2	

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#36

Benzene

Concen: 0.897 ppbv m

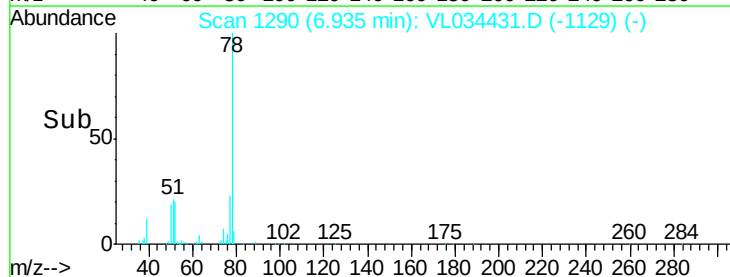
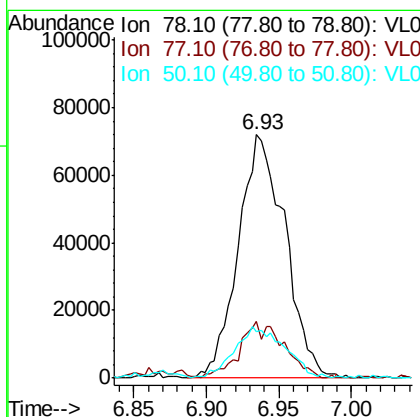
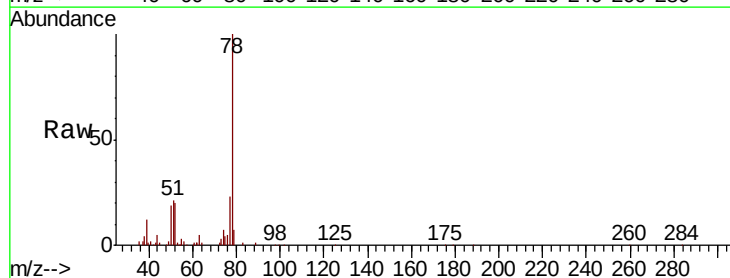
RT: 6.93 min Scan# 1290

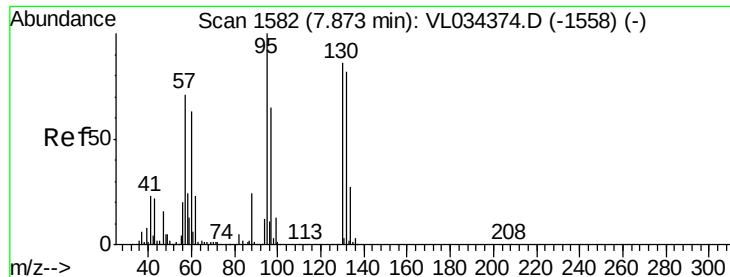
Delta R.T. 0.02 min

Lab File: VL034431.D

Acq: 2 Dec 2019 18:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
78	100		161419		
77	23.1		20.2	30.4	
50	19.2		17.1	25.7	





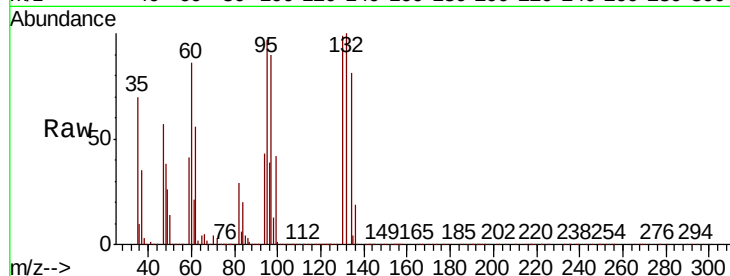
#38
 Trichloroethene
 Concen: 280.016 ppbv
 RT: 7.92 min Scan# 1598
 Delta R.T. 0.05 min
 Lab File: VL034431.D
 Acq: 2 Dec 2019 18:12

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-3

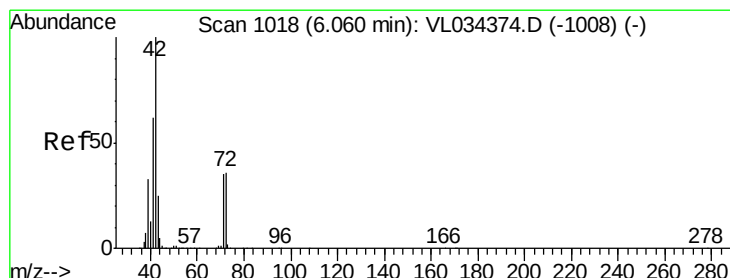
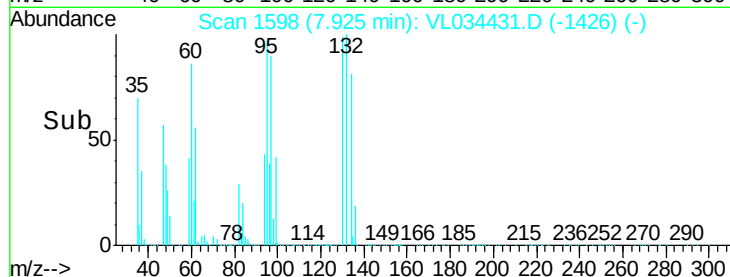
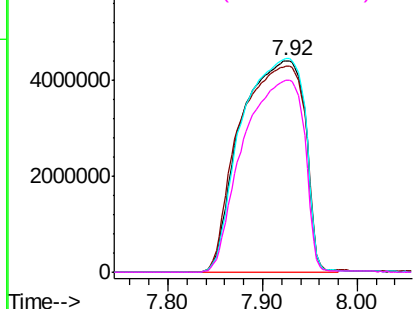
Tot Ion:130 Resp:20670383
 Ion Ratio Lower Upper
 130 100
 95 97.6 93.4 140.0
 132 100.9 76.4 114.6
 97 90.6 61.1 91.7

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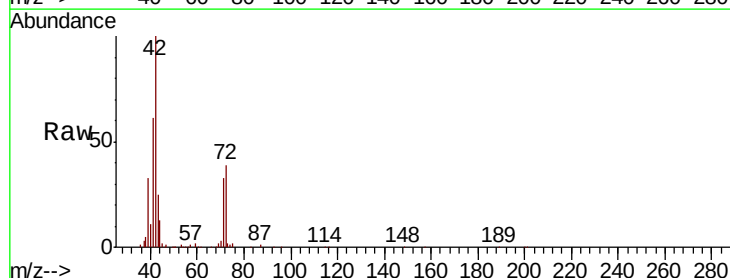


Abundance Ion 130.00 (129.70 to 130.70): V
 Ion 95.00 (94.70 to 95.70): VL0
 Ion 132.00 (131.70 to 132.70): V
 Ion 97.00 (96.70 to 97.70): VL0

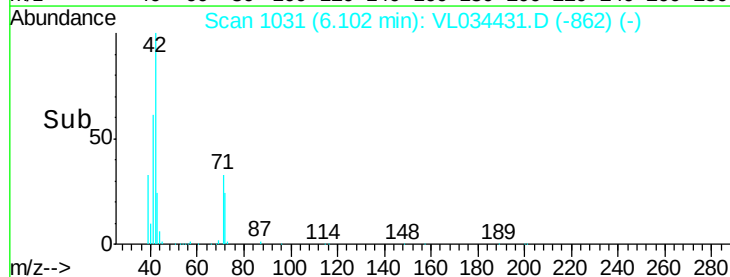
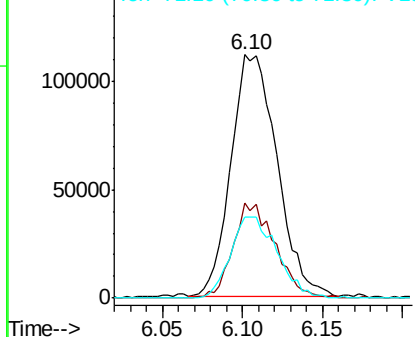


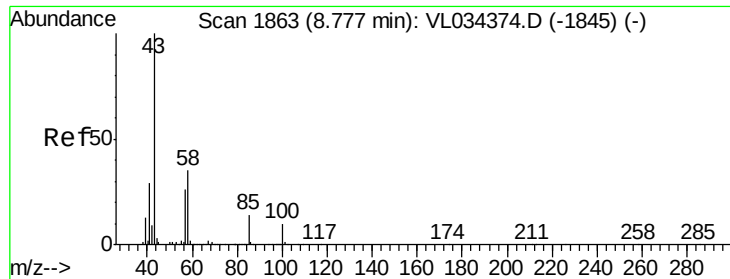
#41
 Tetrahydrofuran
 Concen: 2.651 ppbv
 RT: 6.10 min Scan# 1031
 Delta R.T. 0.04 min
 Lab File: VL034431.D
 Acq: 2 Dec 2019 18:12

Tgt Ion: 42 Resp: 220243
 Ion Ratio Lower Upper
 42 100
 72 36.1 30.2 45.4
 71 34.0 29.4 44.2



Abundance Ion 42.10 (41.80 to 42.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0
 Ion 71.10 (70.80 to 71.80): VL0





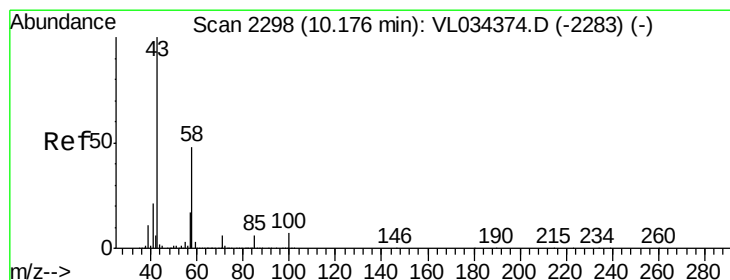
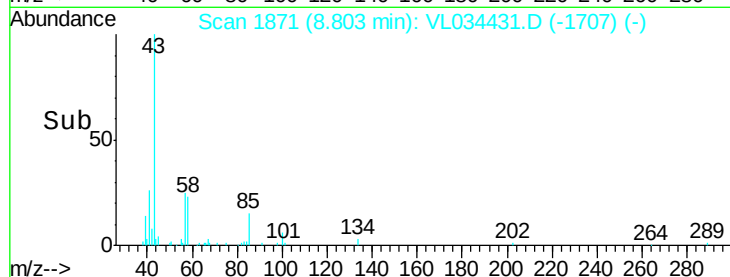
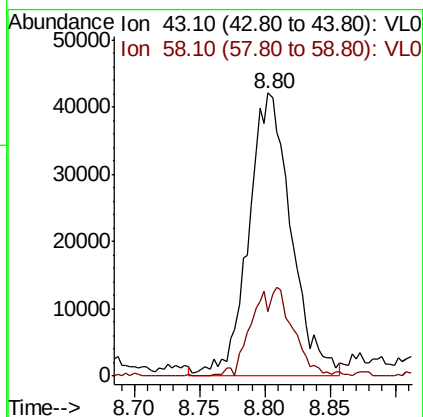
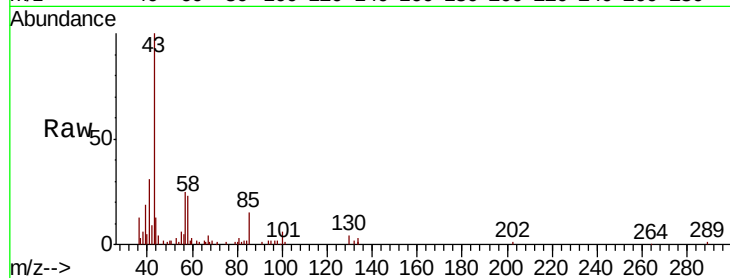
#50
4-Methyl-2-Pentanone
Concen: 0.445 ppbv
RT: 8.80 min Scan# 1871
Delta R.T. 0.03 min
Lab File: VL034431.D
Acq: 2 Dec 2019 18:12

Instrument :
MSVOA_L
ClientSampleId :
SV-3

Tot Ion	Ratio	Lower	Upper
43	100		
58	30.9	27.9	41.9

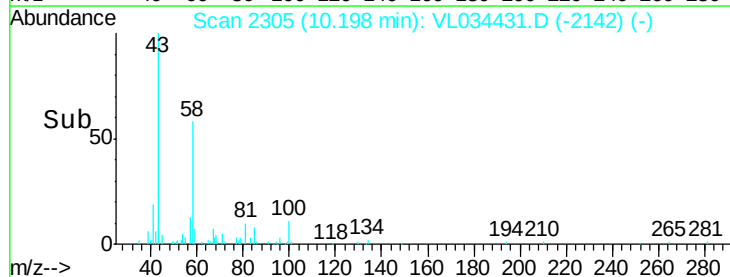
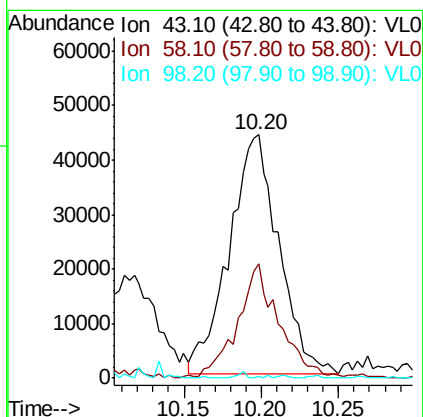
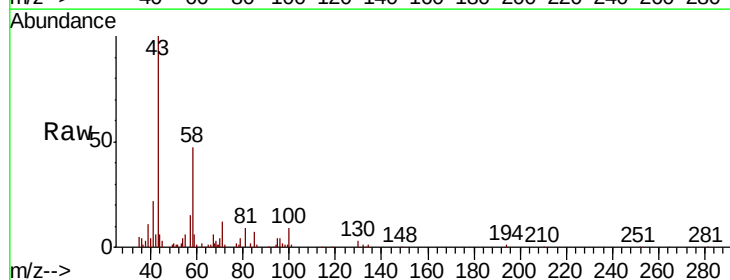
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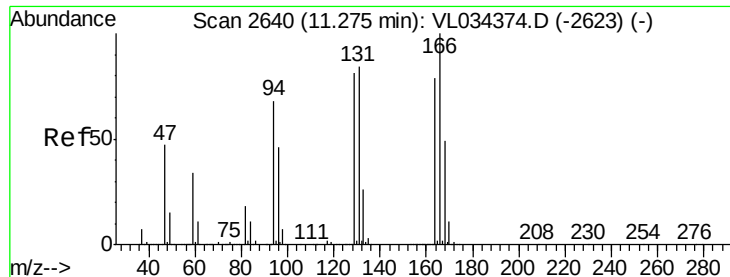
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#51
2-Hexanone
Concen: 0.544 ppbv
RT: 10.20 min Scan# 2305
Delta R.T. 0.02 min
Lab File: VL034431.D
Acq: 2 Dec 2019 18:12

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.7	38.2	57.4
98	0.5	0.2	0.2#





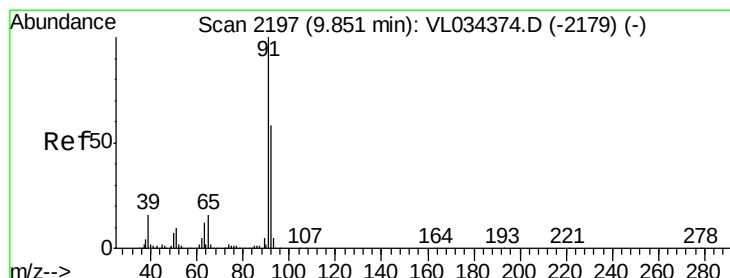
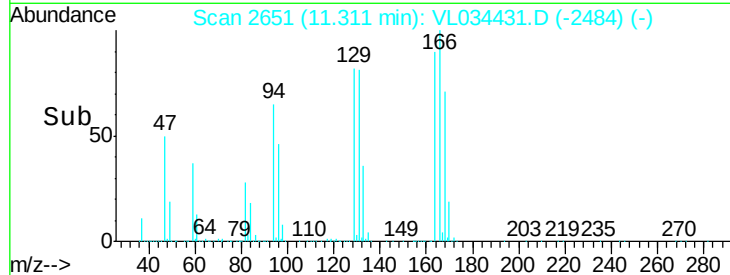
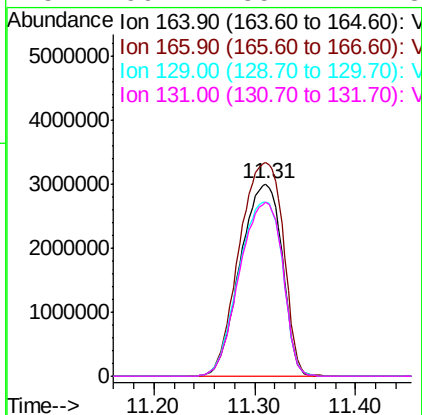
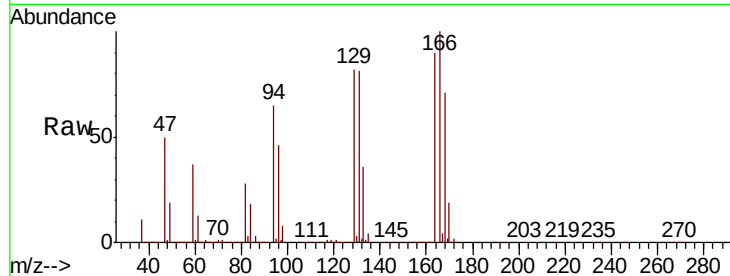
#52
Tetrachloroethene
Concen: 110.947 ppbv
RT: 11.31 min Scan# 2651
Delta R.T. 0.04 min
Lab File: VL034431.D
Acq: 2 Dec 2019 18:12

Instrument :
MSVOA_L
ClientSampled :
SV-3

Tot Ion:164 Resp: 8635070
Ion Ratio Lower Upper
164 100
166 111.0 101.7 152.5
129 90.5 82.6 123.8
131 90.4 85.2 127.8

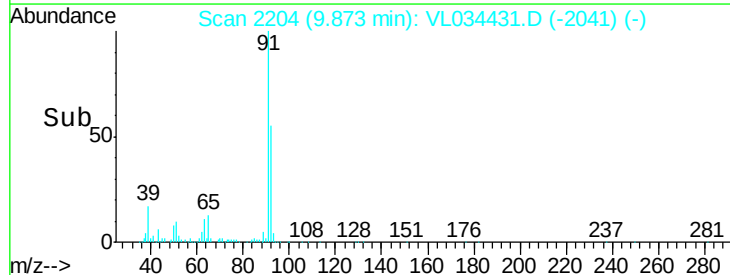
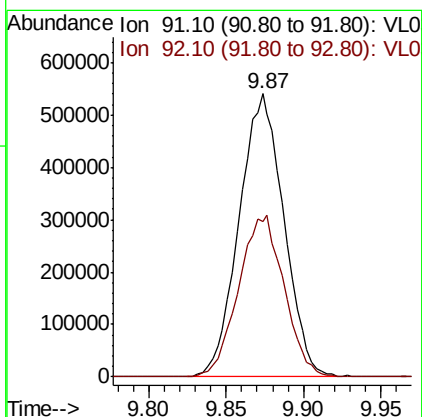
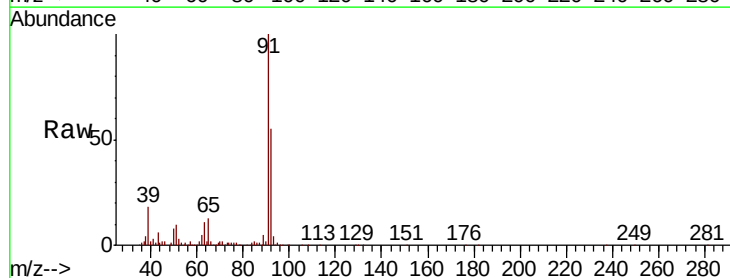
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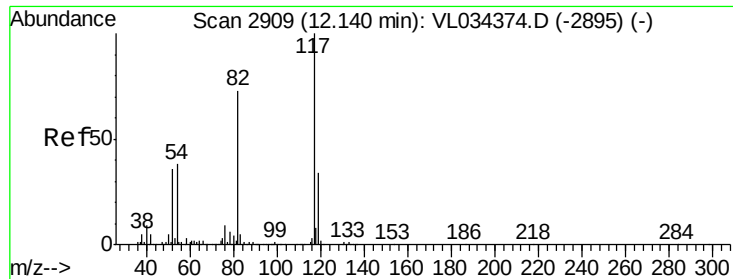
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#53
Toluene
Concen: 5.304 ppbv
RT: 9.87 min Scan# 2204
Delta R.T. 0.02 min
Lab File: VL034431.D
Acq: 2 Dec 2019 18:12

Tgt Ion: 91 Resp: 1083784
Ion Ratio Lower Upper
91 100
92 58.3 47.9 71.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.16 min Scan# 2914

Delta R.T. 0.02 min

Lab File: VL034431.D

Acq: 2 Dec 2019 18:12

Instrument :

MSVOA_L

ClientSampled :

SV-3

Tot Ion:117 Resp: 1870516

Ion Ratio Lower Upper

117 100

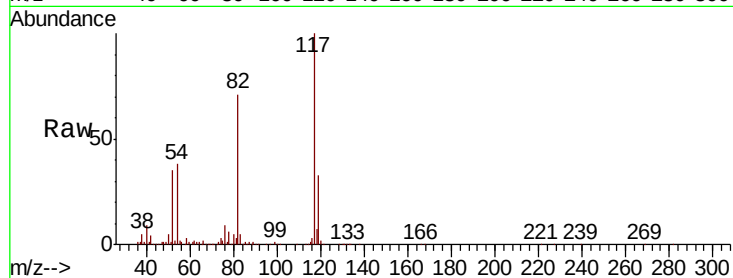
82 70.9 57.5 86.3

119 33.3 25.4 38.2

Manual Integrations
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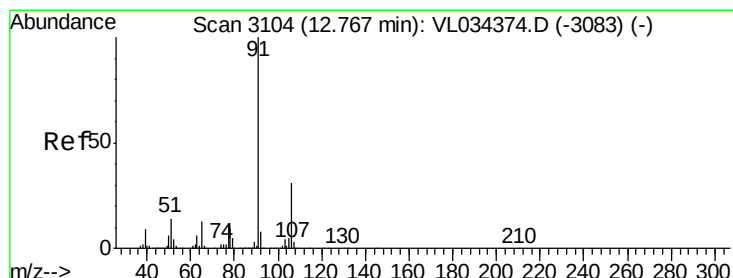
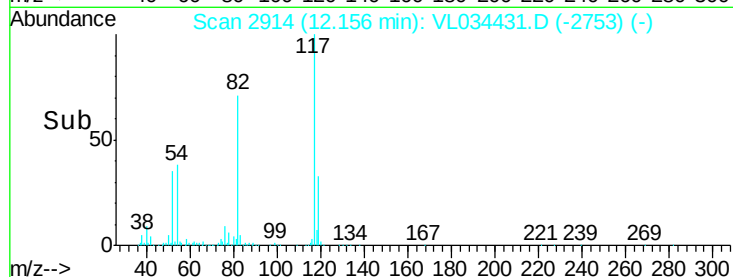
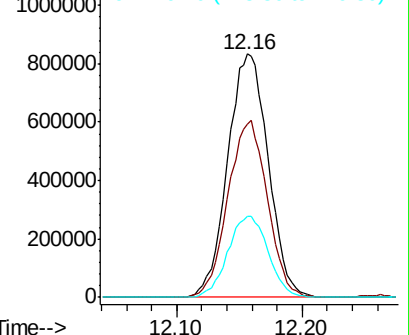
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Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#58

Ethyl Benzene

Concen: 0.812 ppbv

RT: 12.78 min Scan# 3109

Delta R.T. 0.02 min

Lab File: VL034431.D

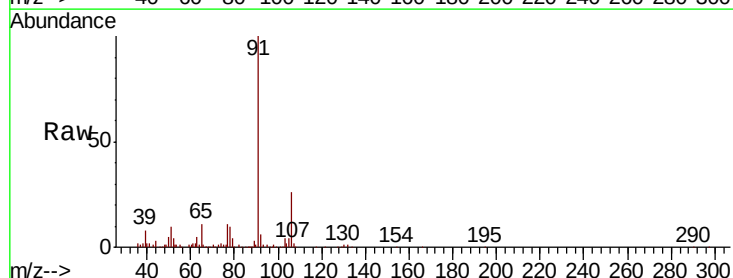
Acq: 2 Dec 2019 18:12

Tgt Ion: 91 Resp: 235754

Ion Ratio Lower Upper

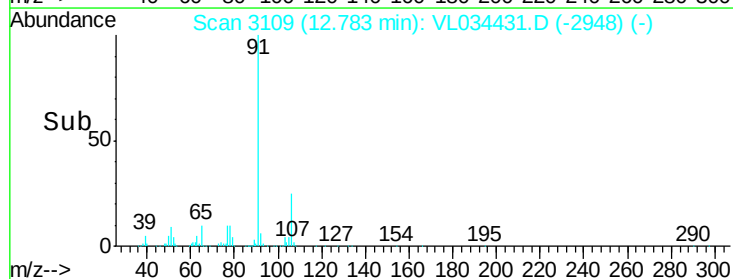
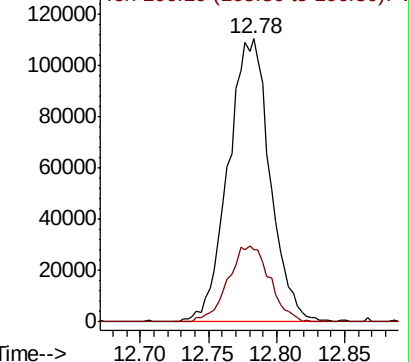
91 100

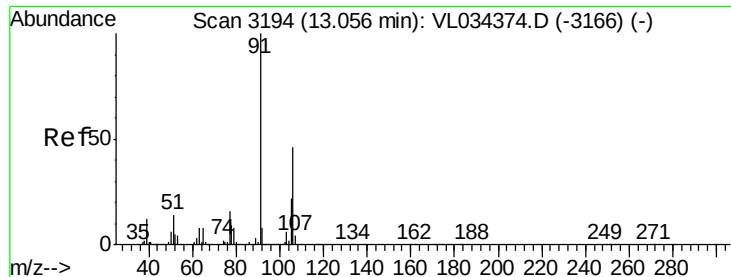
106 25.6 24.8 37.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





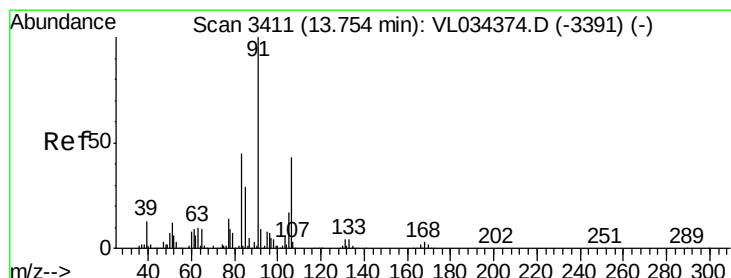
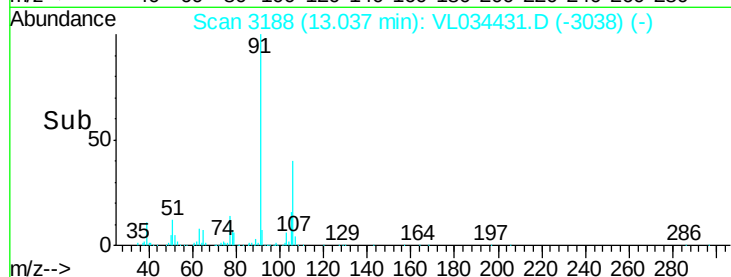
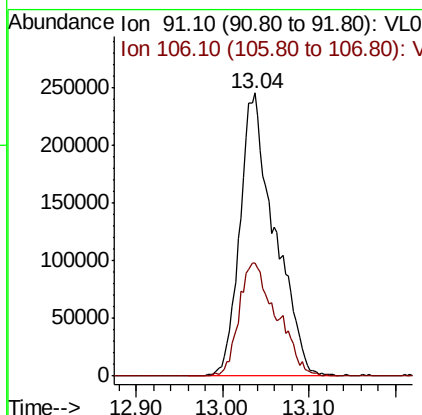
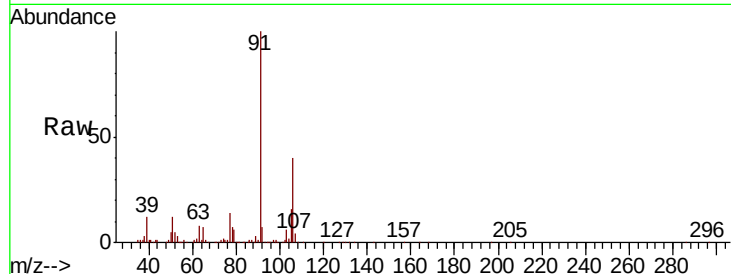
#59
m/p-Xylene
Concen: 2.737 ppbv m
RT: 13.04 min Scan# 3188
Delta R.T. -0.02 min
Lab File: VL034431.D
Acq: 2 Dec 2019 18:12

Instrument :
MSVOA_L
ClientSampled :
SV-3

Tot Ion: 91 Resp: 686826
Ion Ratio Lower Upper
91 100
106 0.0 34.6 51.8#

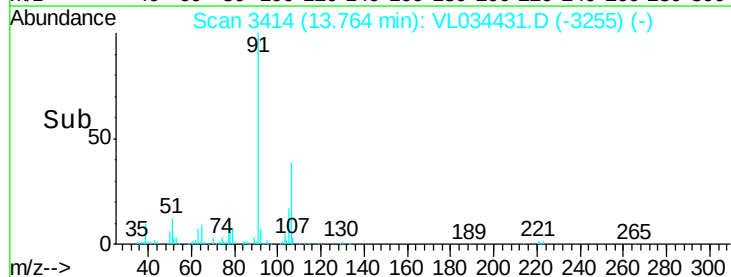
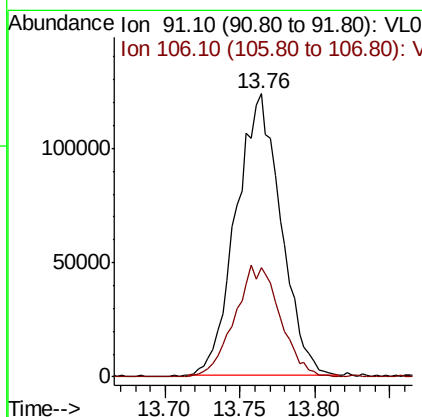
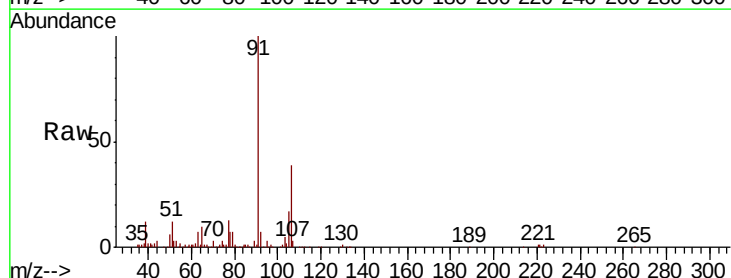
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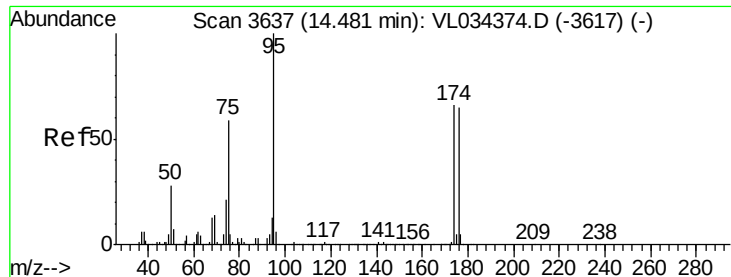
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#60
o-Xylene
Concen: 1.035 ppbv
RT: 13.76 min Scan# 3414
Delta R.T. 0.01 min
Lab File: VL034431.D
Acq: 2 Dec 2019 18:12

Tgt Ion: 91 Resp: 256861
Ion Ratio Lower Upper
91 100
106 40.2 21.3 64.0





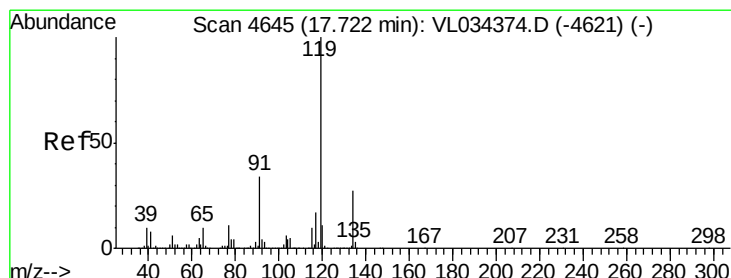
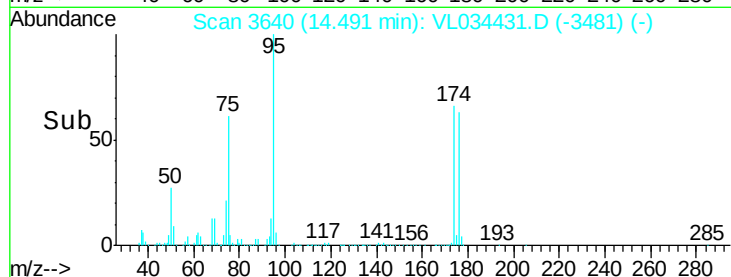
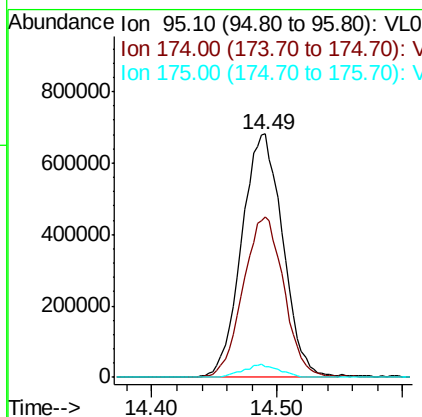
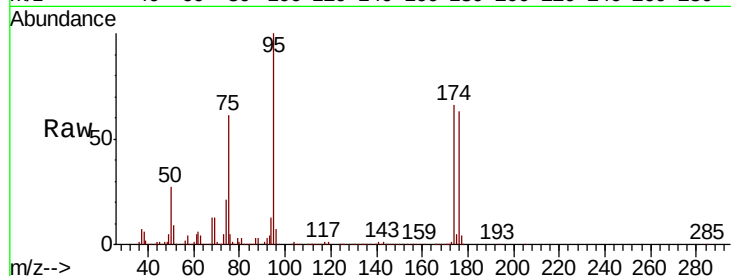
#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.816 ppbv
 RT: 14.49 min Scan# 3640
 Delta R.T. 0.01 min
 Lab File: VL034431.D
 Acq: 2 Dec 2019 18:12

Instrument :
 MSVOA_L
 ClientSampled :
 SV-3

Tot Ion: 95 Resp: 1544596
 Ion Ratio Lower Upper
 95 100
 174 66.2 52.2 78.2
 175 4.9 3.8 5.8

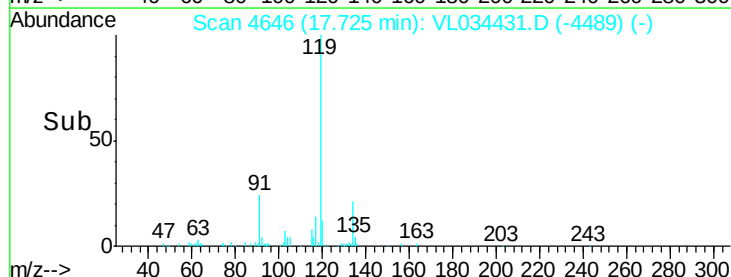
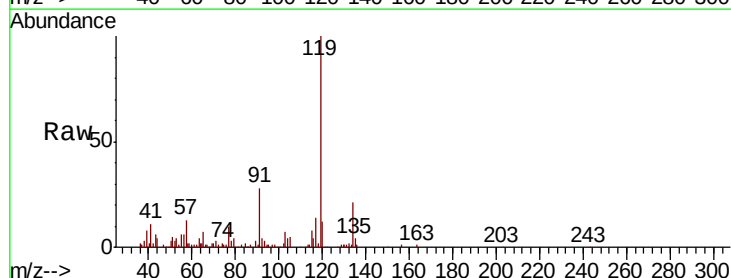
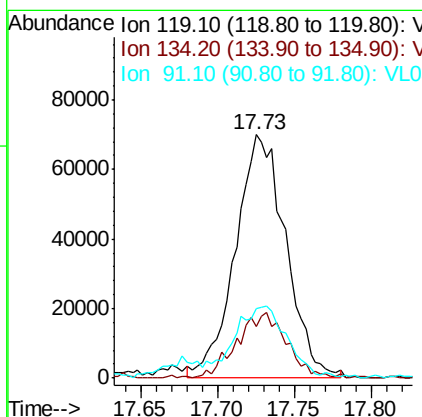
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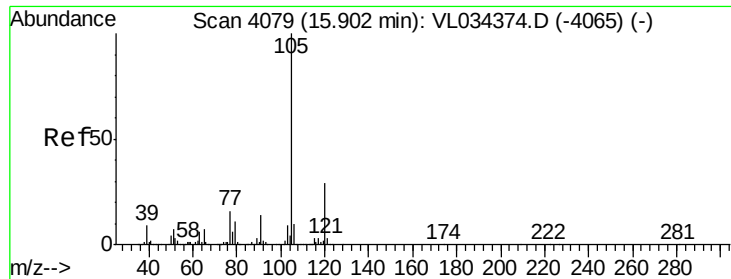
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#69
 p-Isopropyltoluene
 Concen: 0.465 ppbv m
 RT: 17.73 min Scan# 4646
 Delta R.T. 0.00 min
 Lab File: VL034431.D
 Acq: 2 Dec 2019 18:12

Tgt Ion: 119 Resp: 159216
 Ion Ratio Lower Upper
 119 100
 134 26.9 20.6 31.0
 91 36.2 26.3 39.5





#72

4-Ethyltoluene

Concen: 0.343 ppbv

RT: 15.91 min Scan# 4082

Delta R.T. 0.01 min

Lab File: VL034431.D

Acq: 2 Dec 2019 18:12

Instrument :

MSVOA_L

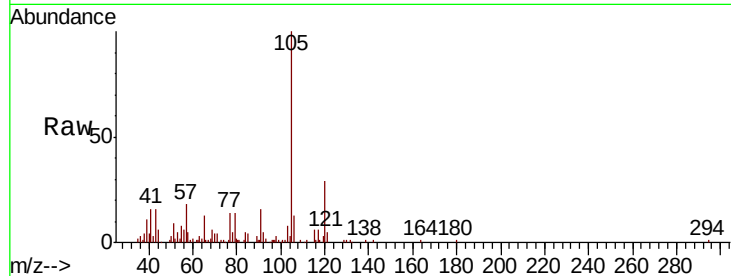
ClientSampled :

SV-3

Tot Ion:	105	Resp:	98276
Ion Ratio	Lower	Upper	
105	100		
120	29.3	23.5	35.3
91	16.6	11.4	17.0
77	18.1	12.6	19.0

Manual Integrations
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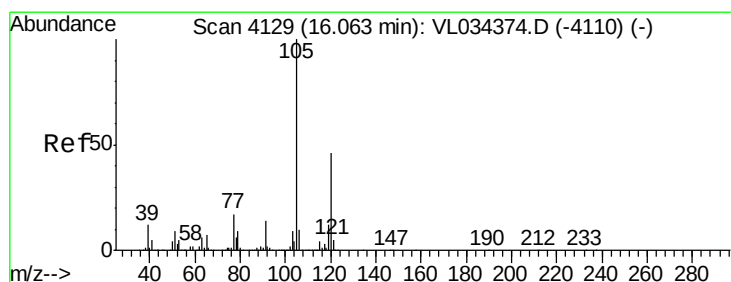
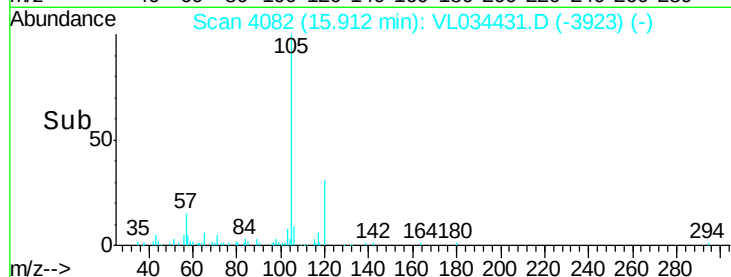
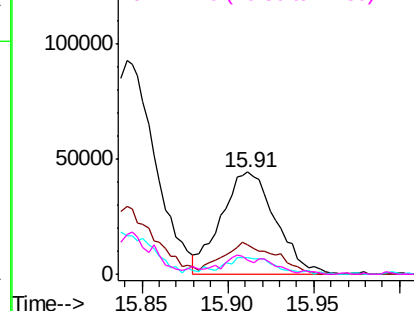


Abundance Ion 105.10 (104.80 to 105.80): V

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: 0.271 ppbv m

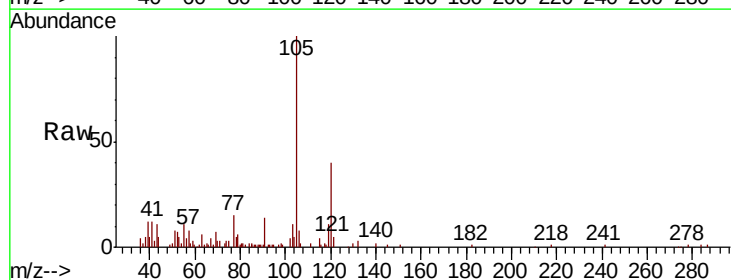
RT: 16.08 min Scan# 4133

Delta R.T. 0.01 min

Lab File: VL034431.D

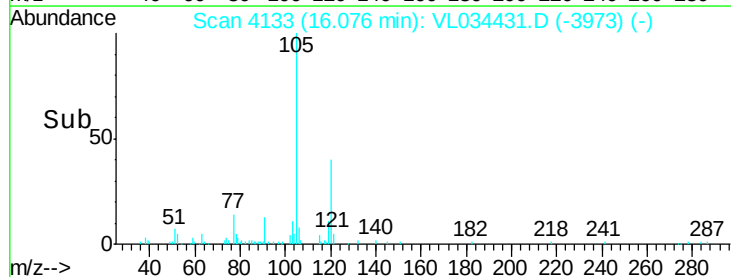
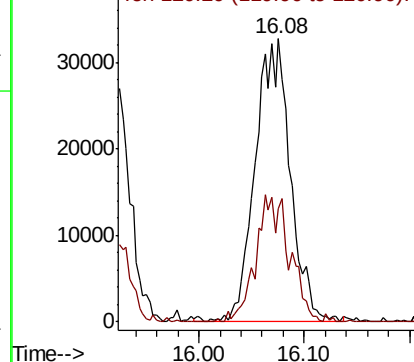
Acq: 2 Dec 2019 18:12

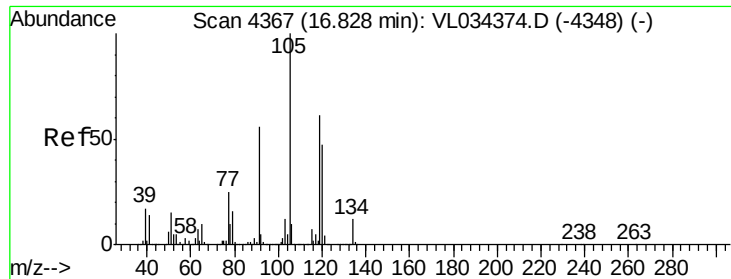
Tgt Ion:	105	Resp:	75968
Ion Ratio	Lower	Upper	
105	100		
120	39.9	37.1	55.7



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: 1.065 ppbv m

RT: 16.84 min Scan# 4370

Delta R.T. 0.01 min

Lab File: VL034431.D

Acq: 2 Dec 2019 18:12

Instrument :

MSVOA_L

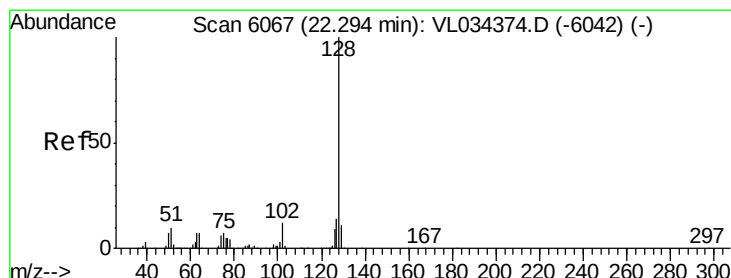
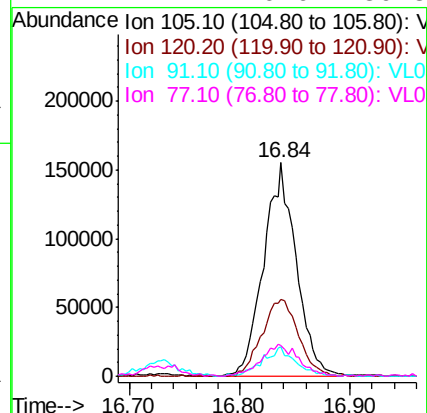
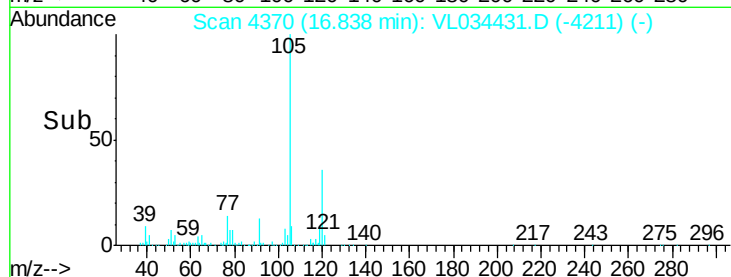
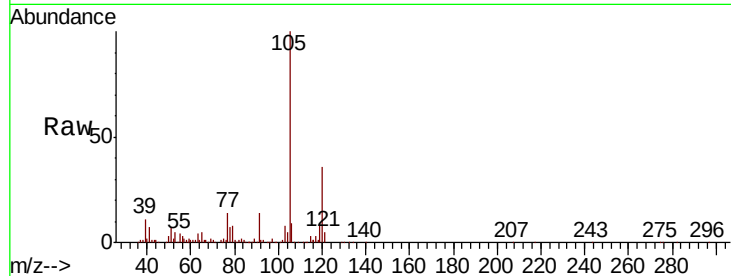
ClientSampleId :

SV-3

Tot Ion	Ratio	Lower	Upper
105	100		
120	36.1	37.4	56.0#
91	13.6	46.3	69.5#
77	14.4	20.6	30.8#

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#79

Naphthalene

Concen: 0.128 ppbv m

RT: 22.30 min Scan# 6070

Delta R.T. 0.01 min

Lab File: VL034431.D

Acq: 2 Dec 2019 18:12

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.8	11.0	16.6
129	16.7	8.9	13.3#

