

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082020\
 Data File : VL035474.D
 Acq On : 20 Aug 2020 14:30
 Operator : SY/AP
 Sample : L3743-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSMP-1

Manual Integrations
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MMDadoda
 8/21/2020 11:24:14 AM

Quant Time: Aug 21 09:35:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 1
 QLast Update : Mon Aug 17 19:28:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1078608	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4844034	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4778254	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3457505	10.34	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.40%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.04	85	56914	0.285	ppbv 99
3) Chlorodifluoromethane	2.98	51	1036855	7.667	ppbv 97
9) Propene	3.01	41	279285	5.138	ppbv # 74
10) Heptane	8.13	43	89499	0.628	ppbv # 80
11) Trichlorofluoromethane	3.95	101	117671	0.375	ppbv 94
13) Ethanol	3.60	45	832939	41.823	ppbv 100
15) Acetone	3.84	43	3231182	26.027	ppbv # 78
17) tert-Butyl alcohol	4.30	59	100322	0.625	ppbv 99
19) Isopropyl Alcohol	3.98	45	140234m	1.639	ppbv
20) Methylene Chloride	4.34	84	2331154	23.273	ppbv # 65
26) Hexane	5.69	57	1053479	7.727	ppbv # 30
27) Carbon Disulfide	4.55	76	80498	0.408	ppbv # 90
29) Chloroform	5.76	83	137687	0.503	ppbv 90
30) Cyclohexane	7.14	84	71788	0.475	ppbv # 60
32) 1,1,1-Trichloroethane	6.52	97	18278	0.071	ppbv # 91
34) 2-Butanone	5.25	43	736637	4.552	ppbv # 73
35) Carbon Tetrachloride	7.02	117	36017m	0.140	ppbv
36) Benzene	6.90	78	283069	0.796	ppbv # 87
38) Trichloroethene	7.84	130	10019046	50.661	ppbv 90
41) Tetrahydrofuran	6.06	42	152253	1.705	ppbv # 67
44) 2,2,4-Trimethylpentane	7.88	57	196580	0.423	ppbv # 93
50) 4-Methyl-2-Pentanone	8.76	43	382348	1.647	ppbv # 84
52) Tetrachloroethene	11.25	164	8509434	39.239	ppbv 93
53) Toluene	9.82	91	2732646	5.968	ppbv 100
58) Ethyl Benzene	12.73	91	524178	0.909	ppbv 94
59) m/p-Xylene	12.98	91	1747483	3.584	ppbv # 84
60) o-Xylene	13.71	91	681797	1.439	ppbv 91
61) Styrene	13.55	104	63222	0.165	ppbv # 91
64) n-propylbenzene	15.58	120	81479	0.340	ppbv 73
65) tert-Butylbenzene	16.78	119	276385	0.366	ppbv # 89
69) p-Isopropyltoluene	17.68	119	126697	0.144	ppbv # 87
70) n-Butylbenzene	18.58	91	348872	0.419	ppbv # 32
72) 4-Ethyltoluene	15.86	105	560884	0.902	ppbv # 94
73) 1,3,5-Trimethylbenzene	16.02	105	545188	0.942	ppbv 90
74) 1,2,4-Trimethylbenzene	16.78	105	2248161	3.576	ppbv # 70
78) Hexachloro-1,3-Butadiene	23.40	225	36710m	0.098	ppbv
79) Naphthalene	22.23	128	578655	0.654	ppbv 97
80) Naphthalene,2-methyl-	25.00	142	75156	0.205	ppbv 95

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

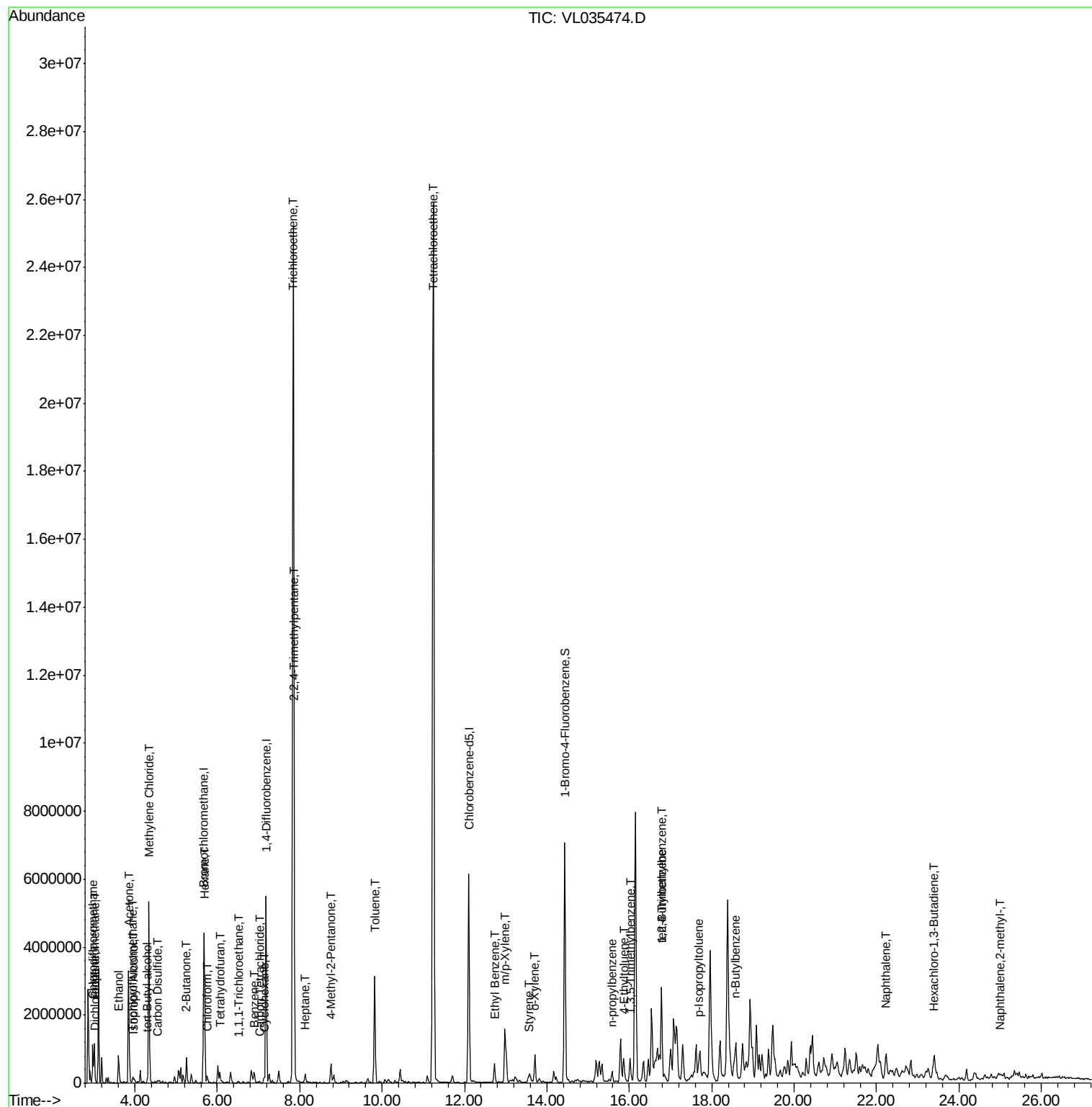
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL082020\
Data File : VL035474.D
Acq On : 20 Aug 2020 14:30
Operator : SY/AP
Sample : L3743-01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

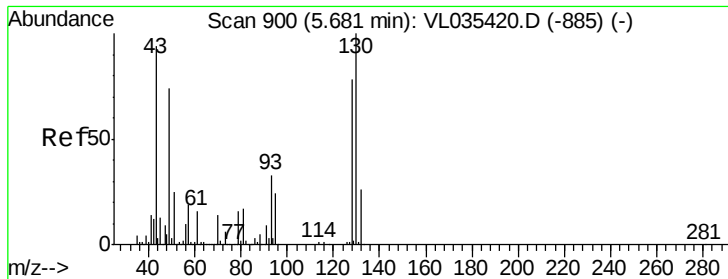
Instrument :
MSVOA_L
ClientSampleId :
SSMP-1

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Quant Time: Aug 21 09:35:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug
QLast Update : Mon Aug 17 19:28:30 2020
Response via : Initial Calibration





#1

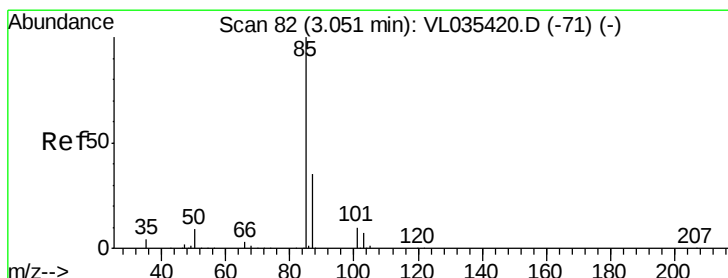
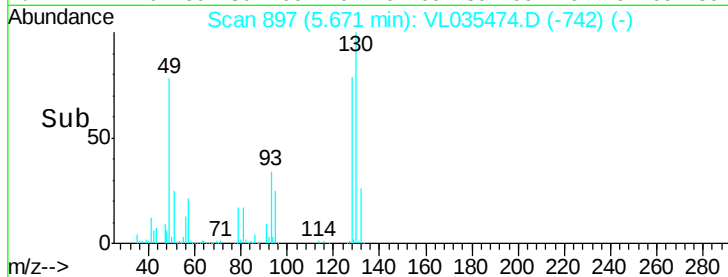
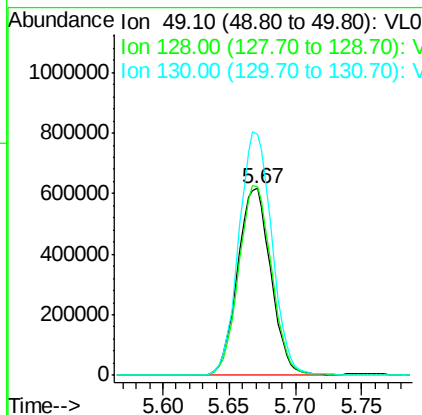
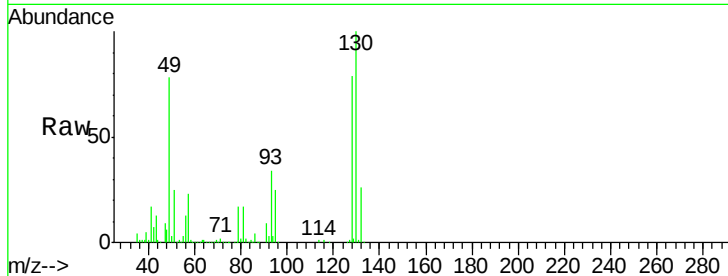
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: VL035474.D
 Acq: 20 Aug 2020 14:30

Instrument :
 MSVOA_L
 ClientSampleId :
 SSMP-1

Tot Ion: 49 Resp: 1078608
 Ion Ratio Lower Upper
 49 100
 128 100.8 20.9 62.7#
 130 129.6 26.7 80.1#

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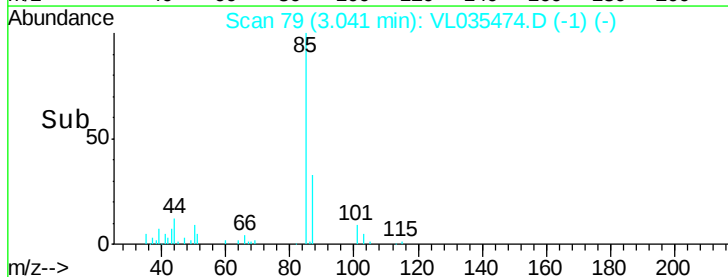
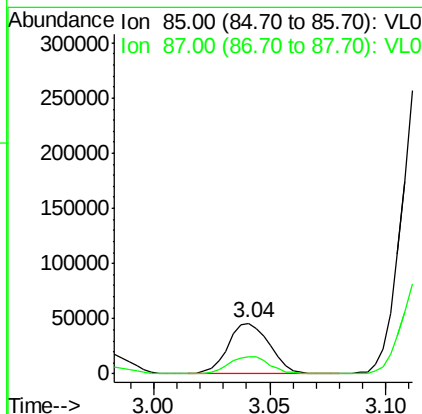
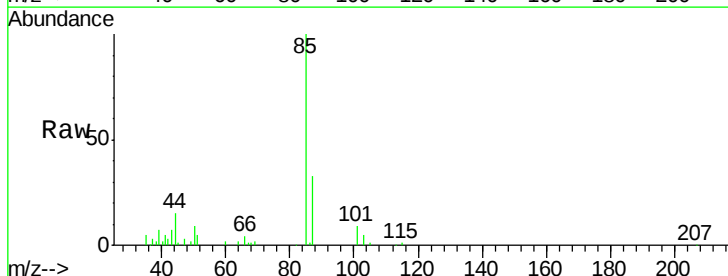
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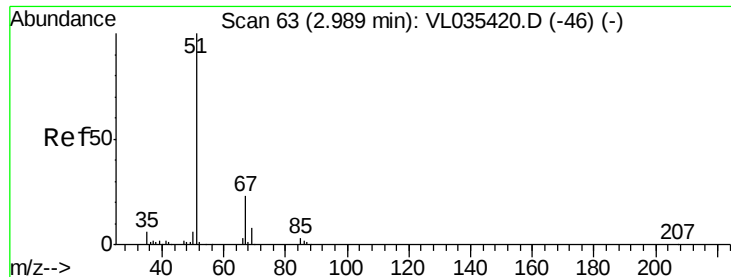


#2

Dichlorodifluoromethane
 Concen: 0.285 ppbv
 RT: 3.04 min Scan# 79
 Delta R.T. -0.00 min
 Lab File: VL035474.D
 Acq: 20 Aug 2020 14:30

Tgt Ion: 85 Resp: 56914
 Ion Ratio Lower Upper
 85 100
 87 33.4 27.1 40.7





#3

Chlorodifluoromethane

Concen: 7.667 ppbv

RT: 2.98 min Scan# 60

Delta R.T. -0.00 min

Lab File: VL035474.D

Acq: 20 Aug 2020 14:30

Instrument :

MSVOA_L

ClientSampleId :

SSMP-1

Tot Ion: 51 Resp: 1036855

Ion Ratio Lower Upper

51 100

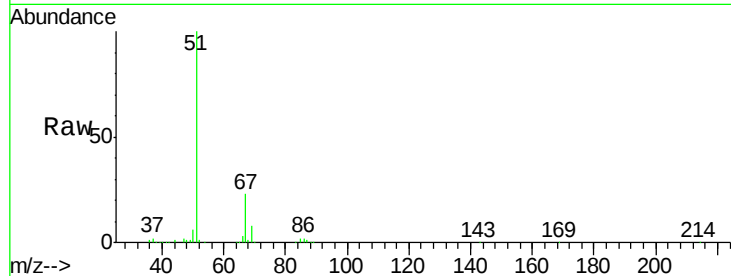
67 20.3 15.0 22.6

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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

2.98

800000

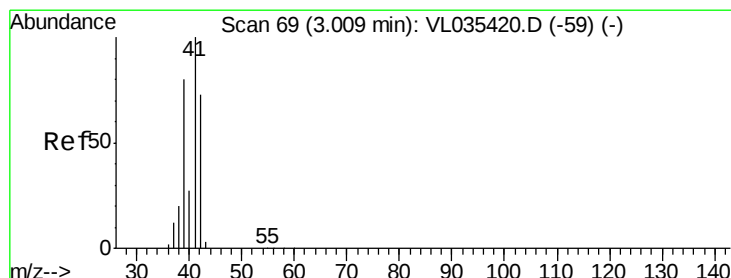
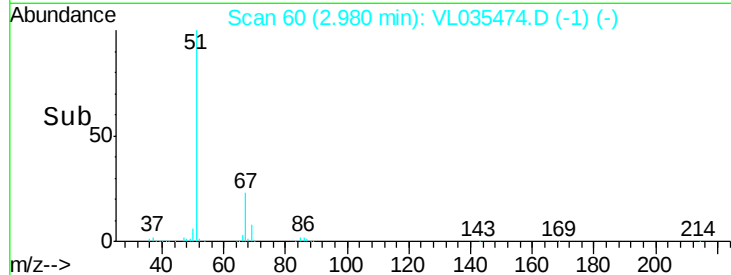
600000

400000

200000

0

Time-->



#9

Propene

Concen: 5.138 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.01 min

Lab File: VL035474.D

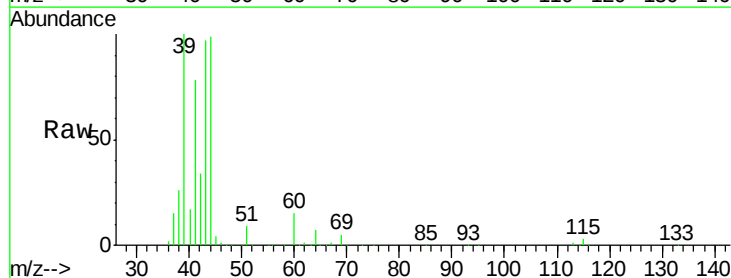
Acq: 20 Aug 2020 14:30

Tgt Ion: 41 Resp: 279285

Ion Ratio Lower Upper

41 100

42 48.3 55.5 83.3#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.01

200000

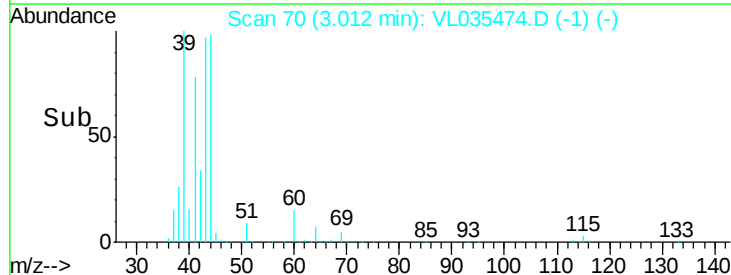
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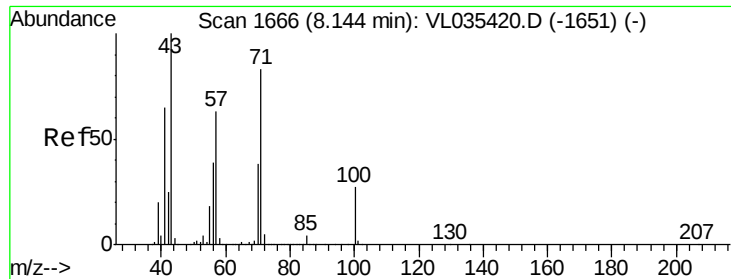
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50000

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Time-->





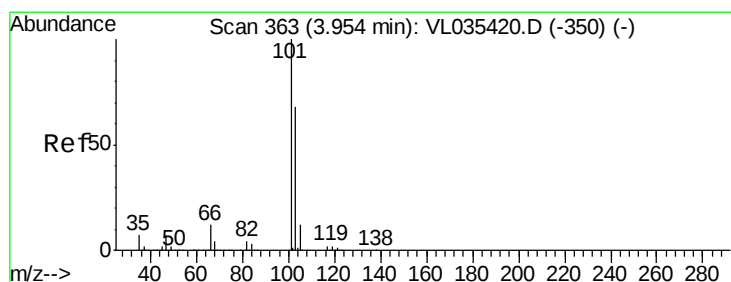
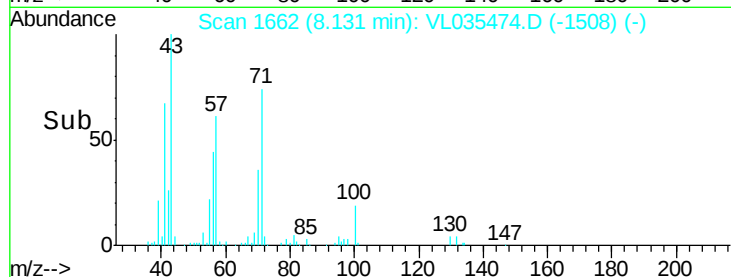
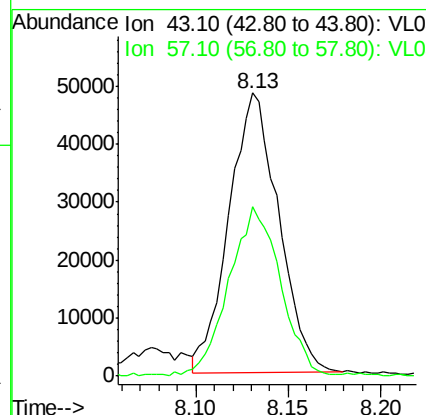
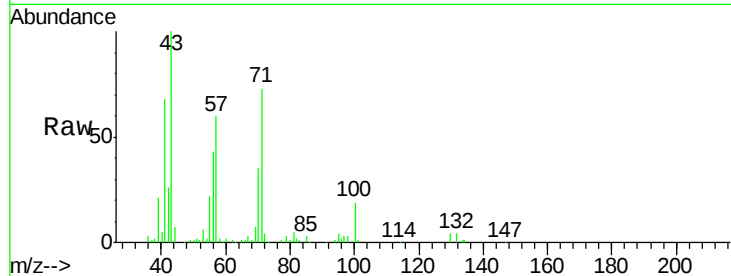
#10
Heptane
Concen: 0.628 ppbv
RT: 8.13 min Scan# 1662
Delta R.T. -0.01 min
Lab File: VL035474.D
Acq: 20 Aug 2020 14:30

Instrument :
MSVOA_L
ClientSampled :
SSMP-1

Tot Ion: 43 Resp: 89499
Ion Ratio Lower Upper
43 100
57 63.5 39.8 59.6#

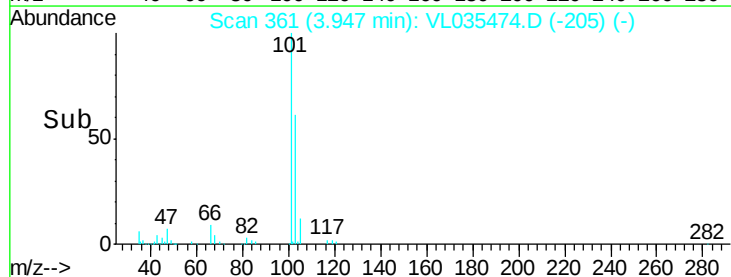
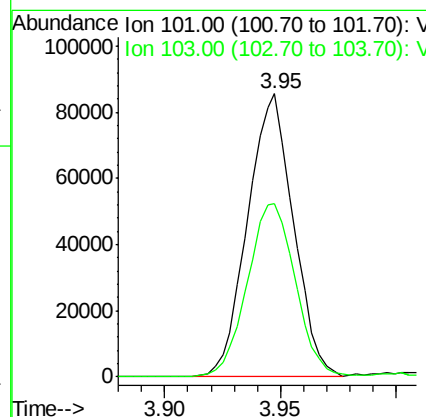
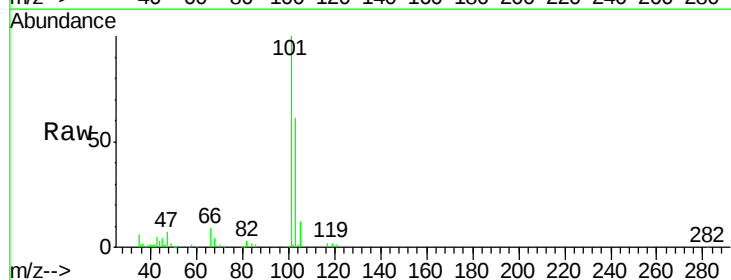
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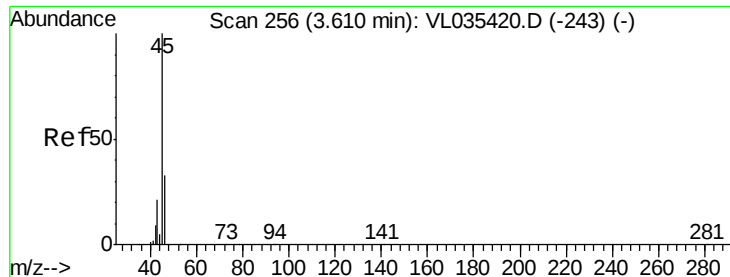
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#11
Trichlorofluoromethane
Concen: 0.375 ppbv
RT: 3.95 min Scan# 361
Delta R.T. -0.00 min
Lab File: VL035474.D
Acq: 20 Aug 2020 14:30

Tgt Ion: 101 Resp: 117671
Ion Ratio Lower Upper
101 100
103 61.3 52.6 78.8





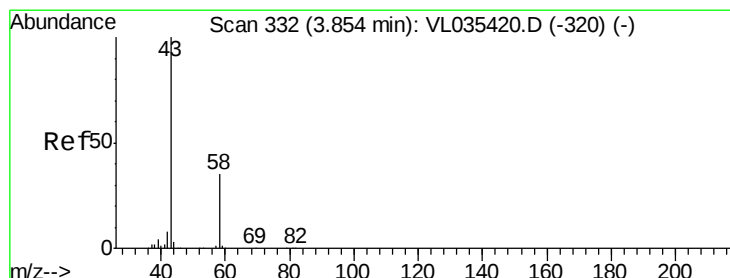
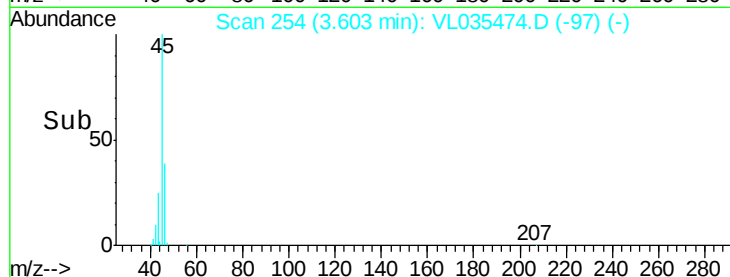
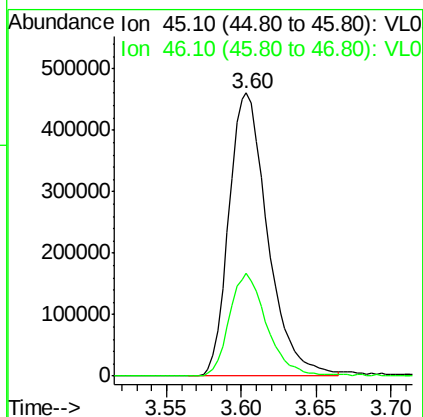
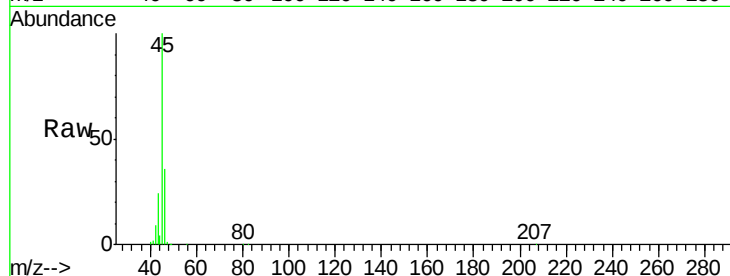
#13
Ethanol
Concen: 41.823 ppbv
RT: 3.60 min Scan# 254
Delta R.T. 0.00 min
Lab File: VL035474.D
Acq: 20 Aug 2020 14:30

Instrument :
MSVOA_L
ClientSampleId :
SSMP-1

Tot Ion	45	46	Ratio	Lower	Upper
Resp: 832939	100	35.6		14.2	56.6

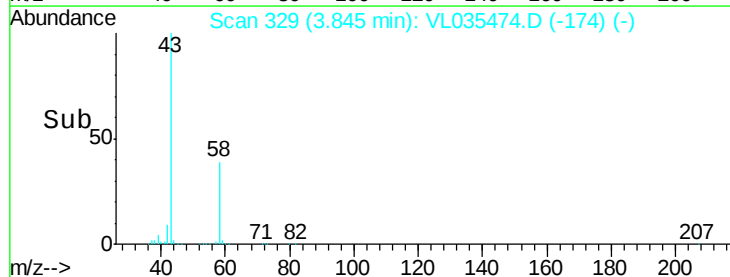
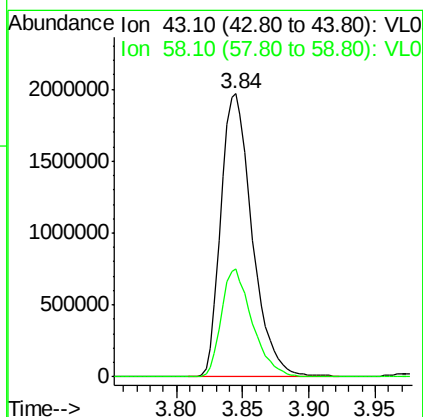
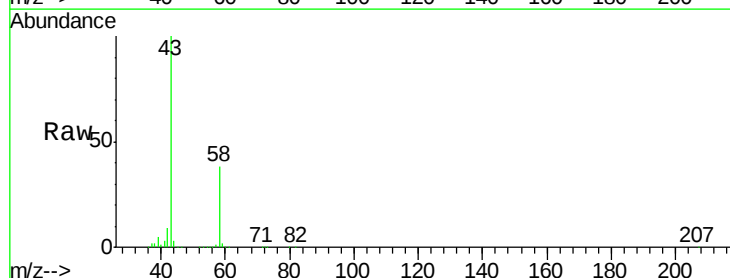
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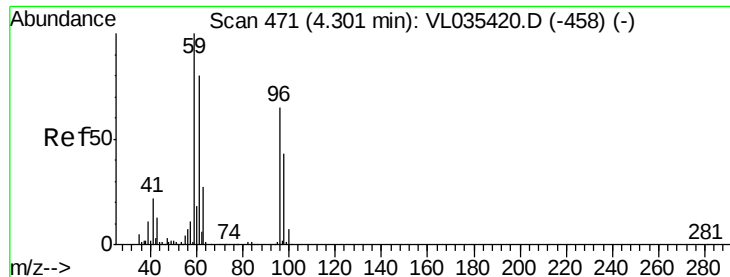
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#15
Acetone
Concen: 26.027 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.00 min
Lab File: VL035474.D
Acq: 20 Aug 2020 14:30

Tgt Ion	43	58	Ratio	Lower	Upper
Resp: 3231182	100	37.7		21.0	31.6#





#17

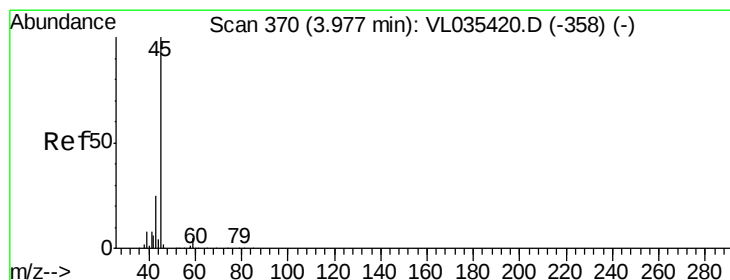
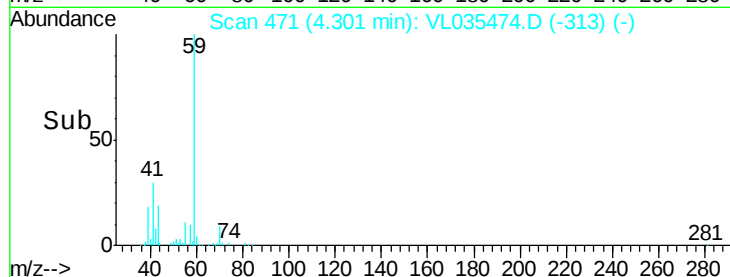
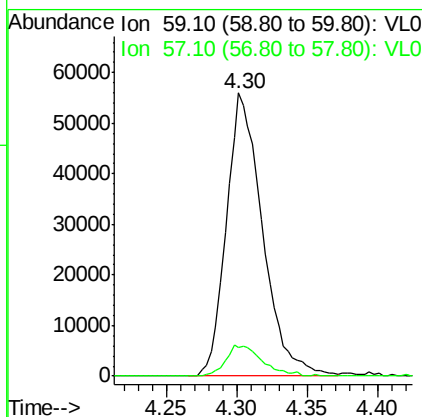
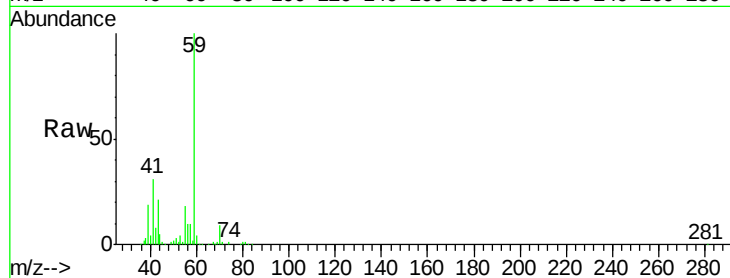
tert-Butyl alcohol
 Concen: 0.625 ppbv
 RT: 4.30 min Scan# 471
 Delta R.T. 0.01 min
 Lab File: VL035474.D
 Acq: 20 Aug 2020 14:30

Instrument :
 MSVOA_L
 ClientSampleId :
 SSMP-1

Tot Ion	59	Resp	100322
Ion Ratio	Lower	Upper	
59	100		
57	11.4	8.9	13.3

Manual Integrations
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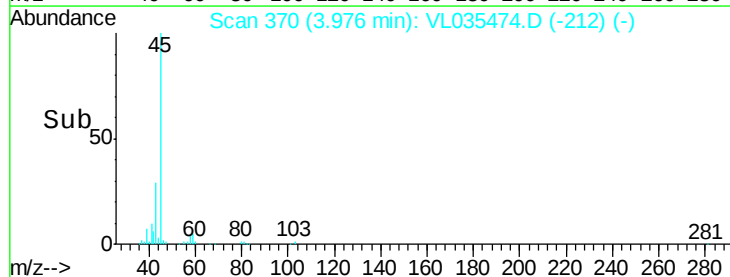
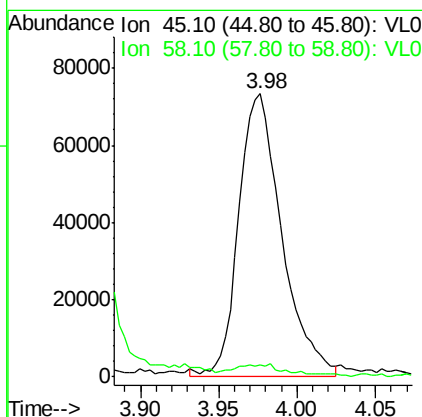
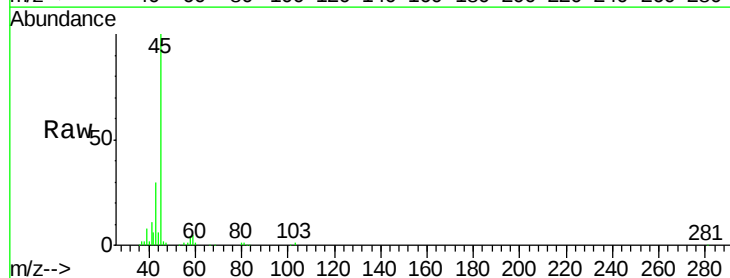
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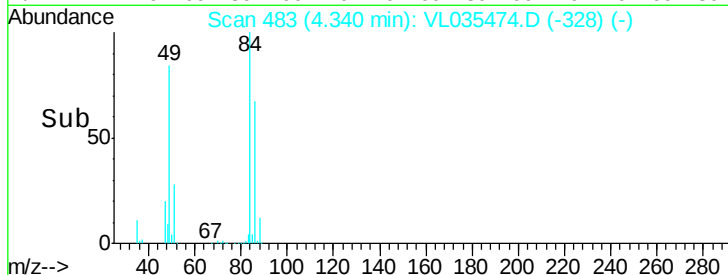
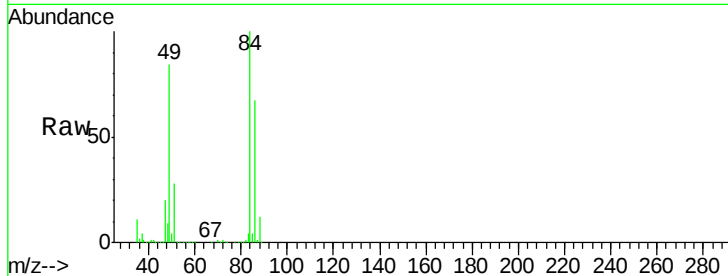
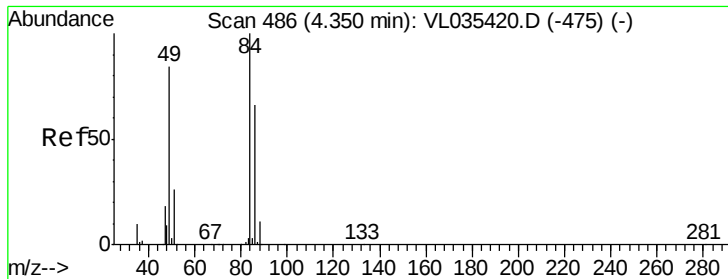


#19

Isopropyl Alcohol
 Concen: 1.639 ppbv m
 RT: 3.98 min Scan# 370
 Delta R.T. 0.01 min
 Lab File: VL035474.D
 Acq: 20 Aug 2020 14:30

Tgt Ion	45	Resp	140234
Ion Ratio	Lower	Upper	
45	100		
58	0.0	1.0	1.6#





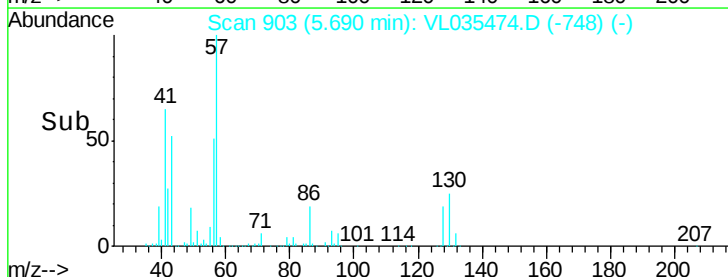
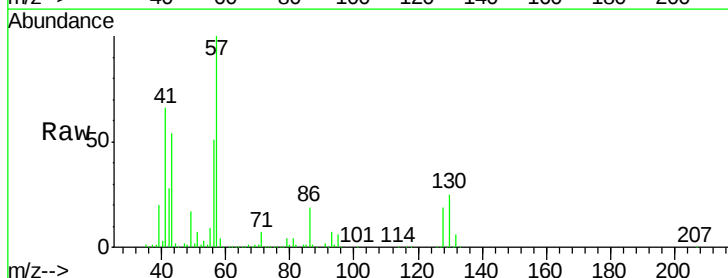
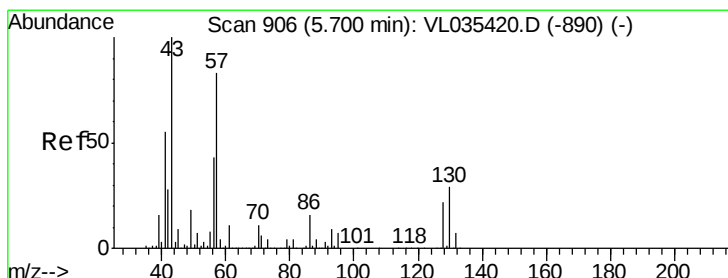
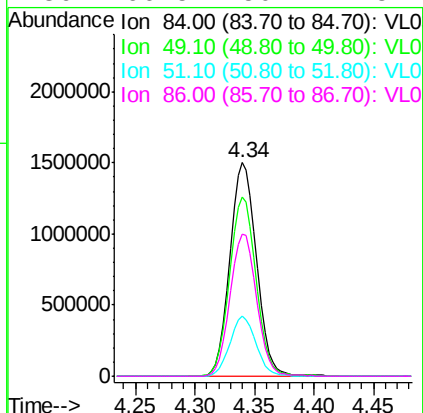
#20
Methvlene Chloride
Concen: 23.273 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL035474.D
Acq: 20 Aug 2020 14:30

Tot Ion: 84 Resp: 2331154
Ion Ratio Lower Upper
84 100
49 83.7 118.6 177.8#
51 27.9 36.4 54.6#
86 66.5 50.2 75.4

Instrument :
MSVOA_L
ClientSampleId :
SSMP-1

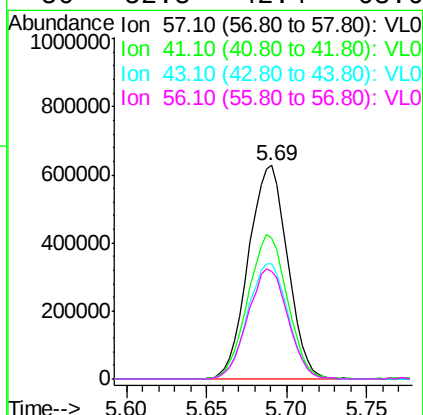
Manual Integrations
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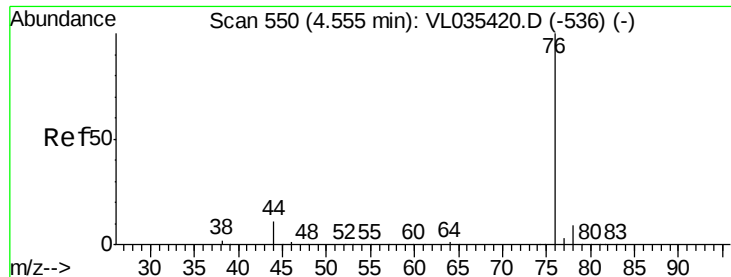
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#26
Hexane
Concen: 7.727 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.00 min
Lab File: VL035474.D
Acq: 20 Aug 2020 14:30

Tgt Ion: 57 Resp: 1053479
Ion Ratio Lower Upper
57 100
41 68.3 75.5 113.3#
43 55.7 181.7 272.5#
56 52.8 42.4 63.6





#27

Carbon Disulfide

Concen: 0.408 ppbv

RT: 4.55 min Scan# 548

Delta R.T. -0.00 min

Lab File: VL035474.D

Acq: 20 Aug 2020 14:30

Instrument :

MSVOA_L

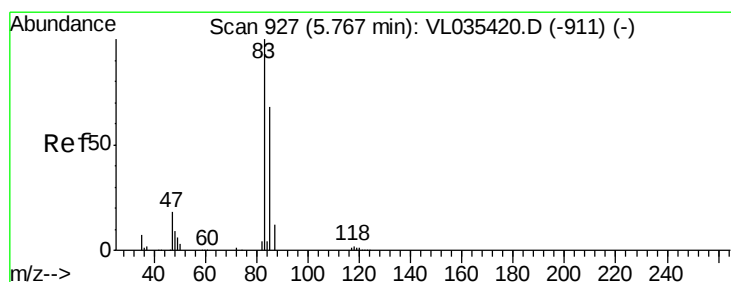
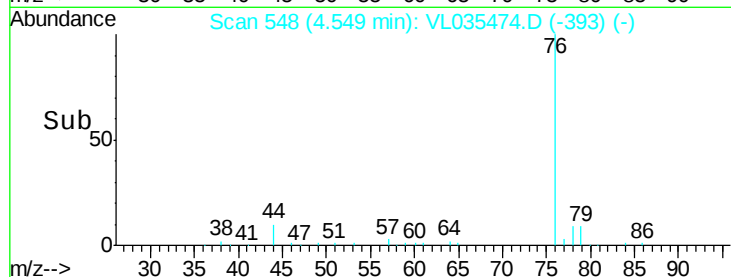
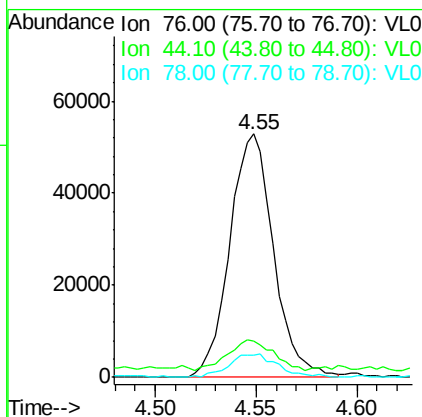
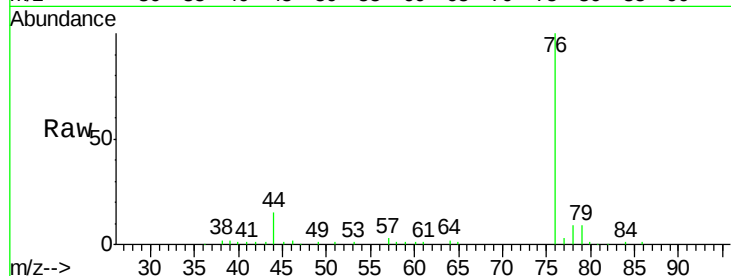
ClientSampleId :

SSMP-1

Tot Ion:	76	Resp:	80498
Ion Ratio	Lower	Upper	
76	100		
44	15.5	16.8	25.2#
78	11.5	7.3	10.9#

Manual Integrations
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#29

Chloroform

Concen: 0.503 ppbv

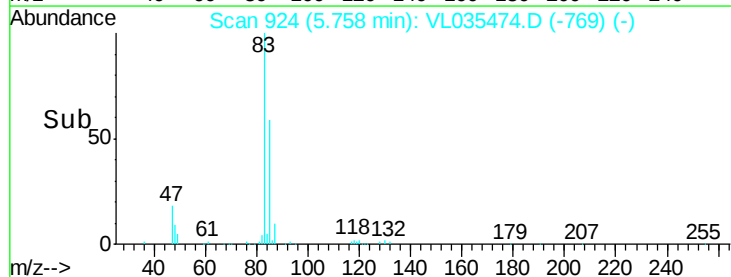
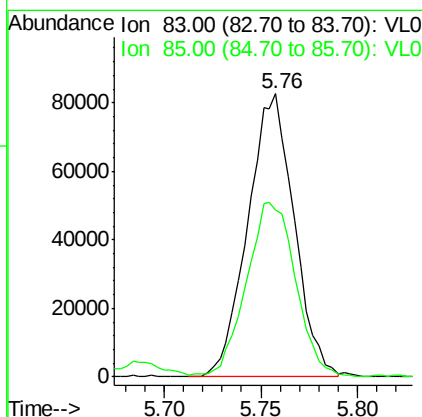
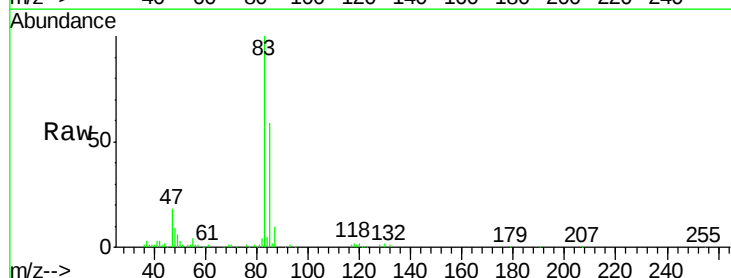
RT: 5.76 min Scan# 924

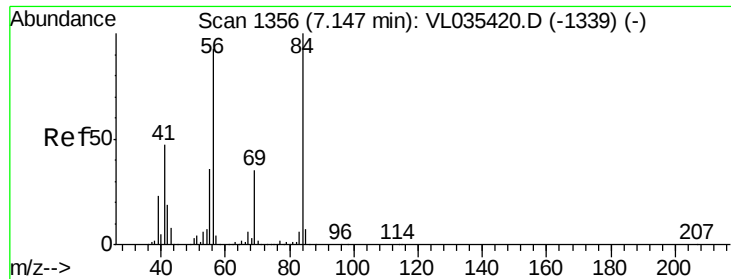
Delta R.T. -0.00 min

Lab File: VL035474.D

Acq: 20 Aug 2020 14:30

Tgt Ion:	83	Resp:	137687
Ion Ratio	Lower	Upper	
83	100		
85	58.3	52.7	79.1





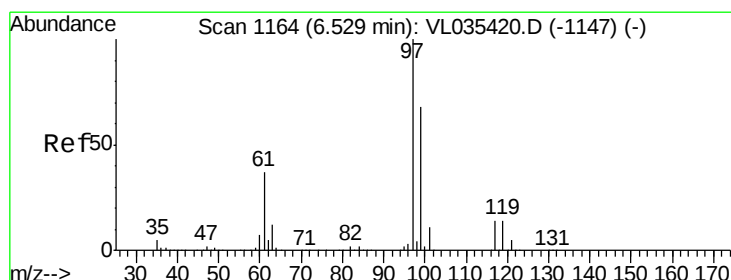
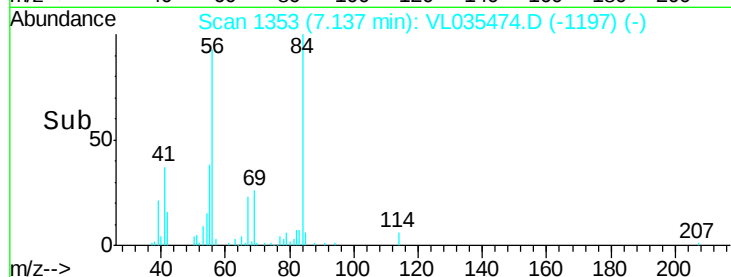
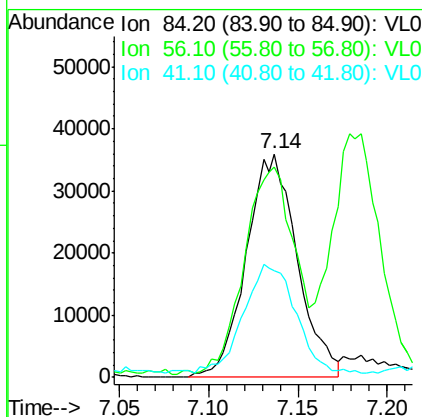
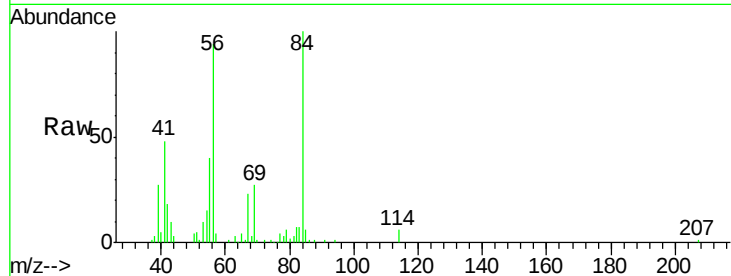
#30
Cvclohexane
Concen: 0.475 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.00 min
Lab File: VL035474.D
Acq: 20 Aug 2020 14:30

Instrument :
MSVOA_L
ClientSampleId :
SSMP-1

Tot Ion	Ratio	Lower	Upper
84	100		
56	96.6	114.9	172.3#
41	50.2	72.3	108.5#

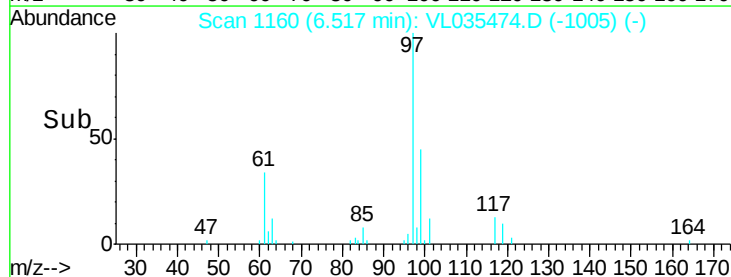
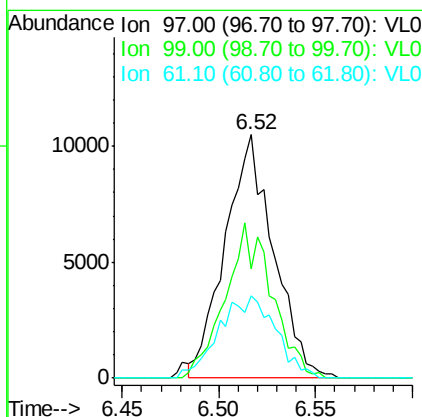
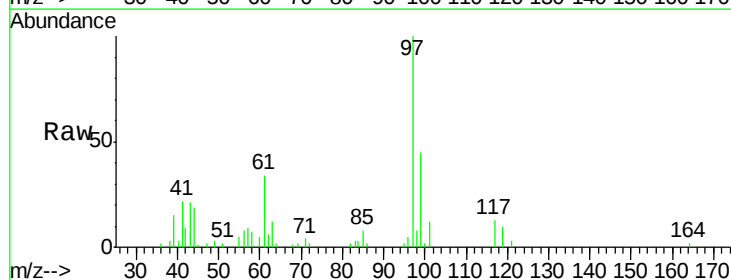
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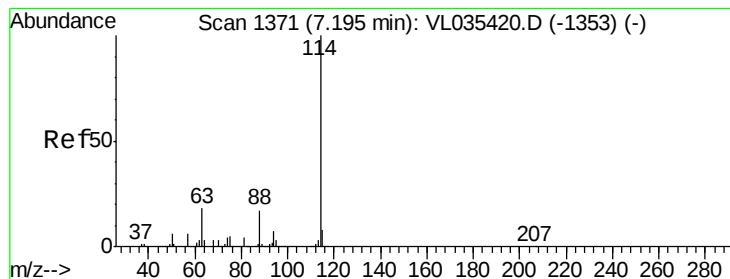
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 0.071 ppbv
RT: 6.52 min Scan# 1160
Delta R.T. -0.00 min
Lab File: VL035474.D
Acq: 20 Aug 2020 14:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.5	51.4	77.0
61	39.5	41.0	61.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VL035474.D

Acq: 20 Aug 2020 14:30

Instrument :

MSVOA_L

ClientSampleId :

SSMP-1

Tot Ion:114 Resp: 4844034

Ion Ratio Lower Upper

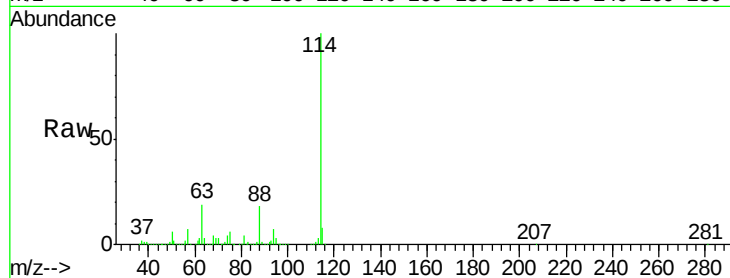
114 100

63 17.8 23.1 34.7#

88 16.7 15.9 23.9

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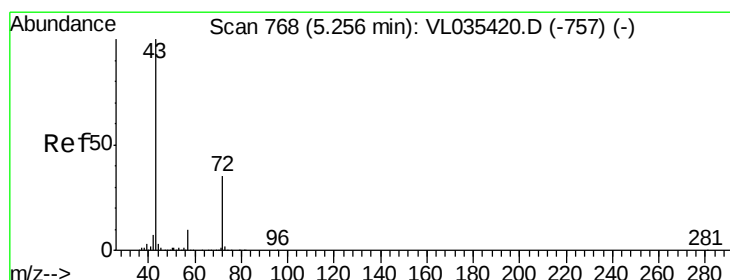
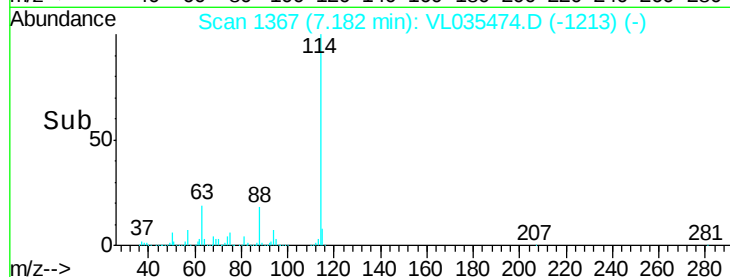
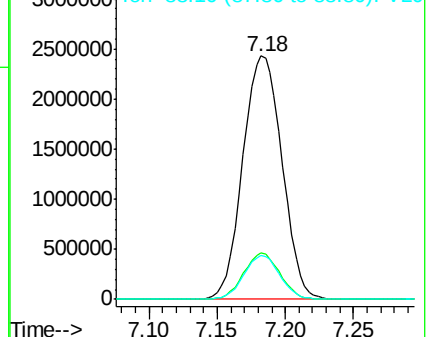
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Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 4.552 ppbv

RT: 5.25 min Scan# 766

Delta R.T. -0.00 min

Lab File: VL035474.D

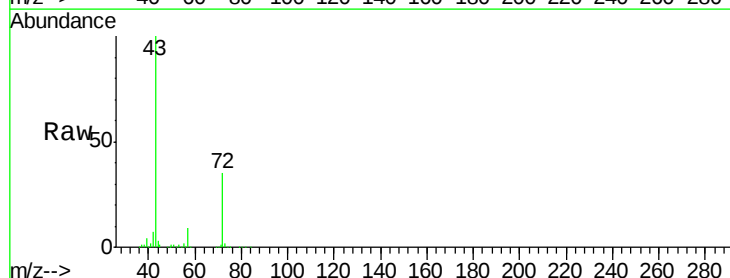
Acq: 20 Aug 2020 14:30

Tgt Ion: 43 Resp: 736637

Ion Ratio Lower Upper

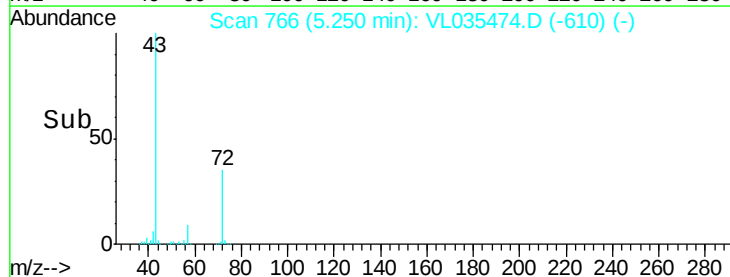
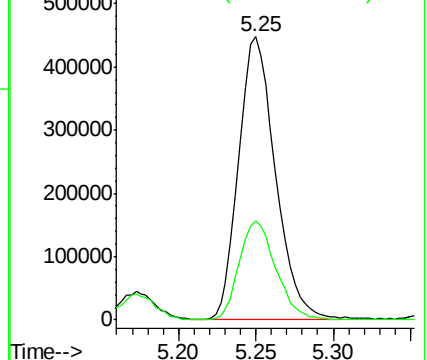
43 100

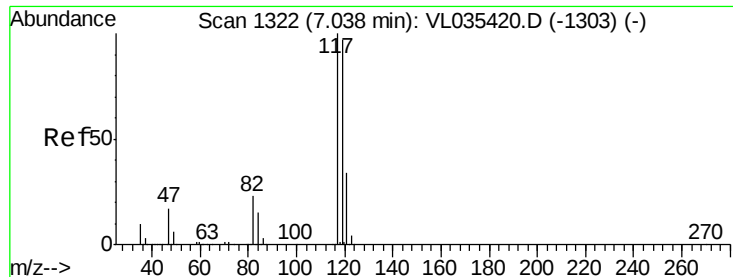
72 35.0 17.6 26.4#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 0.140 ppbv m

RT: 7.02 min Scan# 1317

Delta R.T. -0.01 min

Lab File: VL035474.D

Acq: 20 Aug 2020 14:30

Instrument :

MSVOA_L

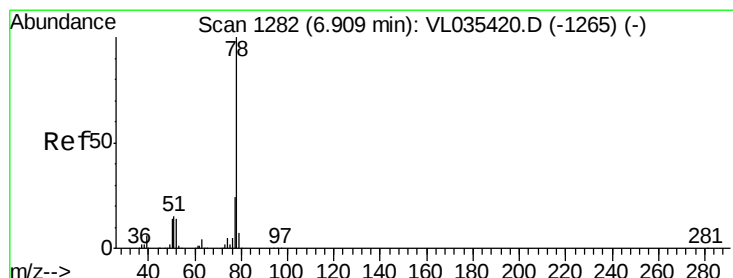
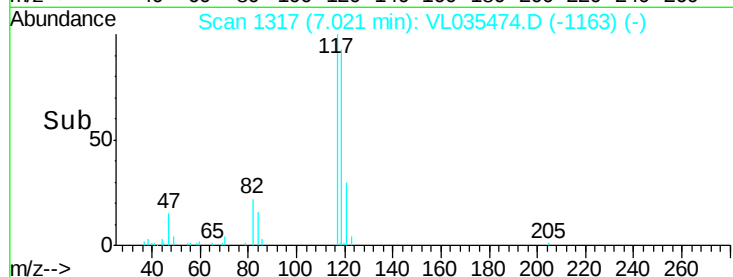
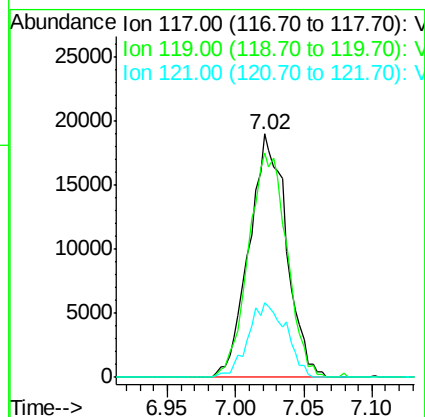
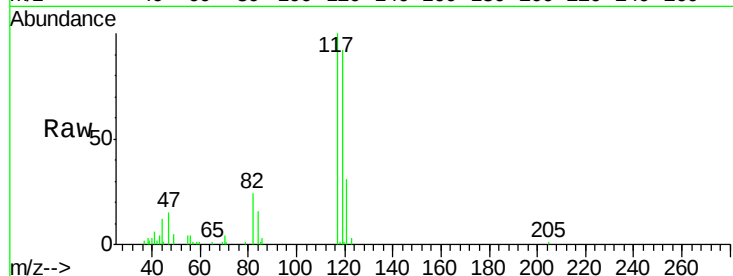
ClientSampled :

SSMP-1

Tot Ion:	117	Resp:	36017
Ion Ratio	Lower	Upper	
117	100		
119	92.3	76.1	114.1
121	30.9	25.5	38.3

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#36

Benzene

Concen: 0.796 ppbv

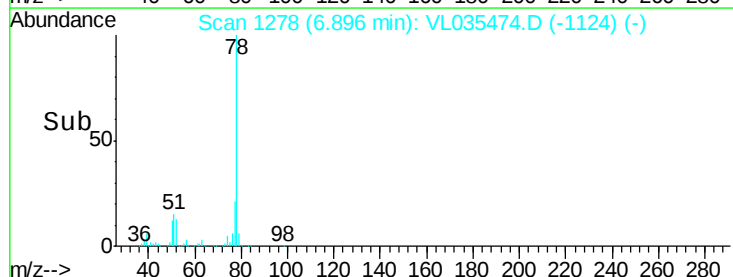
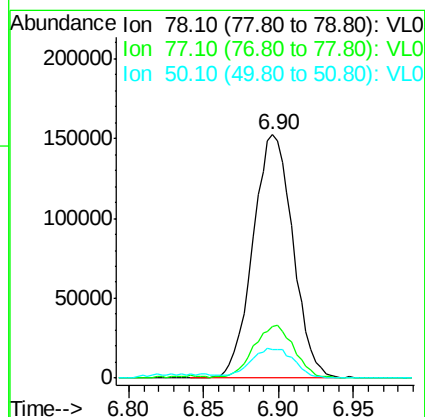
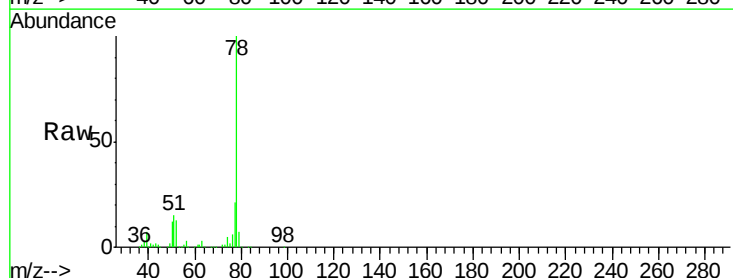
RT: 6.90 min Scan# 1278

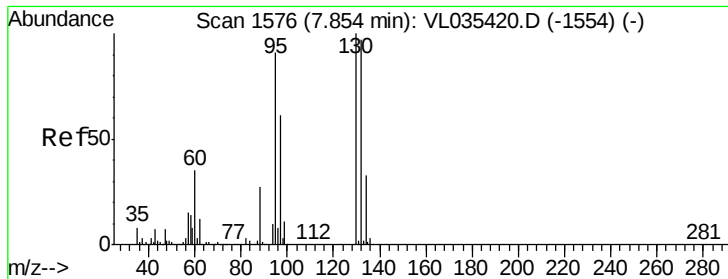
Delta R.T. -0.01 min

Lab File: VL035474.D

Acq: 20 Aug 2020 14:30

Tgt Ion:	78	Resp:	283069
Ion Ratio	Lower	Upper	
78	100		
77	20.8	19.6	29.4
50	11.7	16.3	24.5#





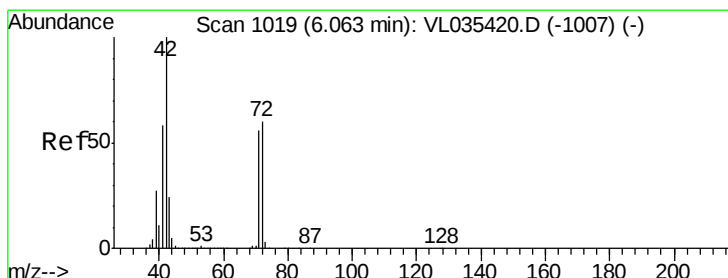
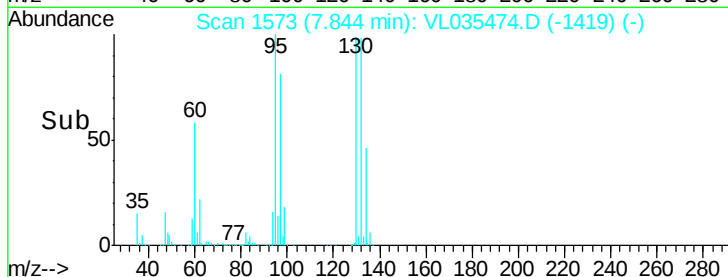
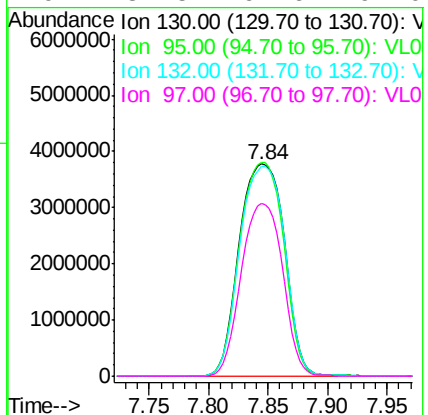
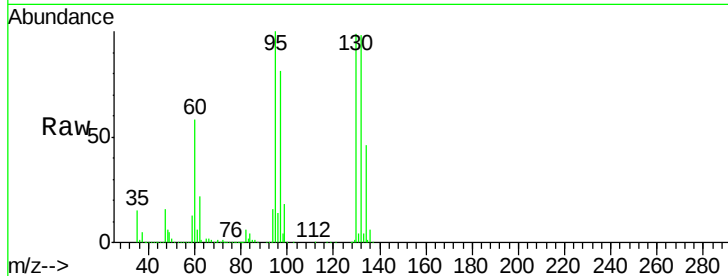
#38
 Trichloroethene
 Concen: 50.661 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: VL035474.D
 Acq: 20 Aug 2020 14:30

Instrument :
 MSVOA_L
 ClientSampled :
 SSMP-1

Tot Ion	Ratio	Lower	Upper
130	100		
95	100.7	95.8	143.8
132	98.8	74.3	111.5
97	81.5	62.6	94.0

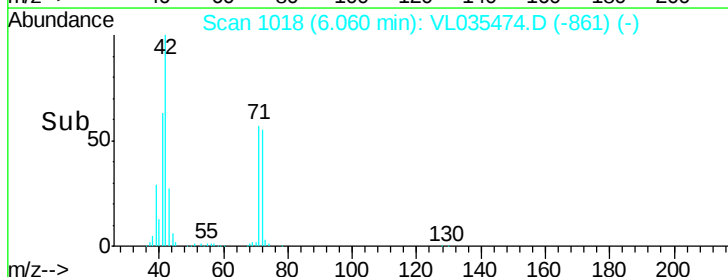
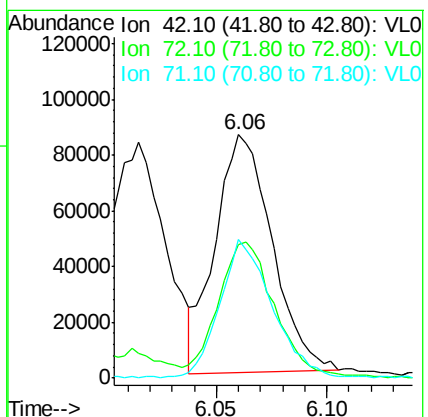
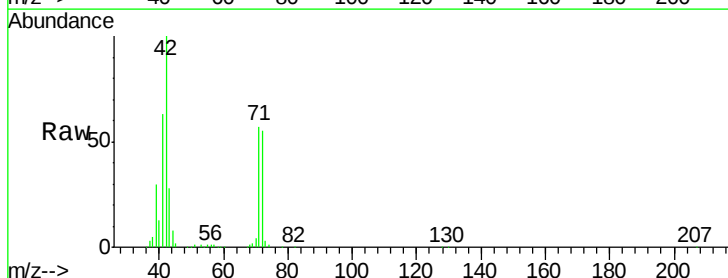
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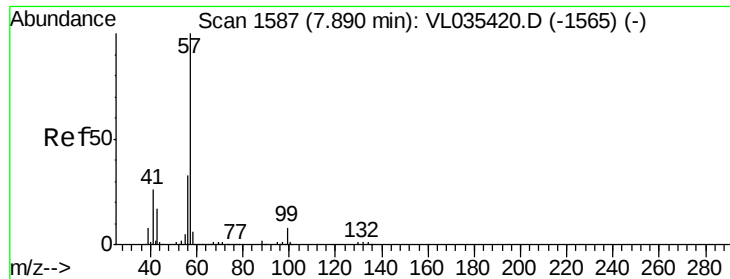
MMDadoda
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#41
 Tetrahydrofuran
 Concen: 1.705 ppbv
 RT: 6.06 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VL035474.D
 Acq: 20 Aug 2020 14:30

Tgt Ion	Ratio	Lower	Upper
42	100		
72	57.8	29.4	44.2#
71	54.4	28.9	43.3#





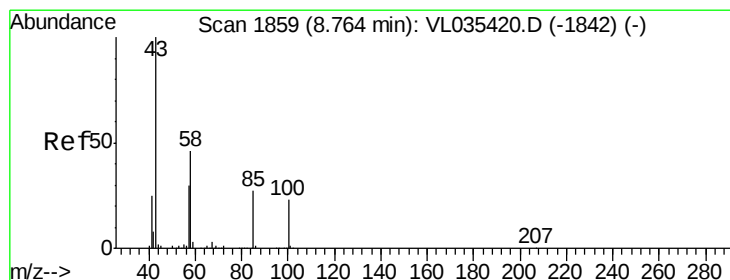
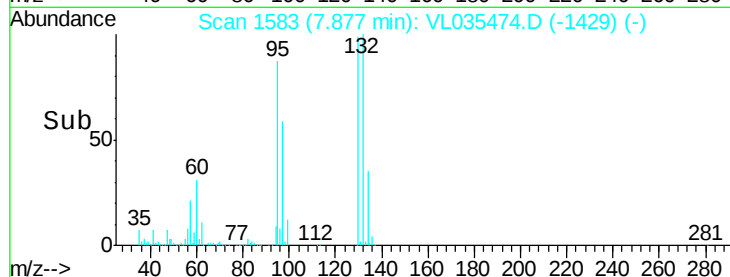
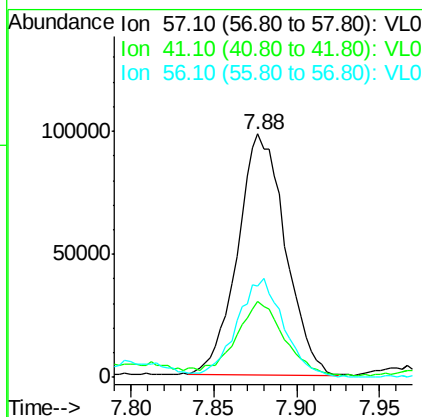
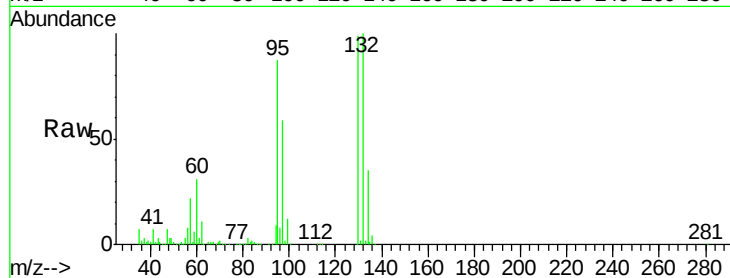
#44
 2,2,4-Trimethylpentane
 Concen: 0.423 ppbv
 RT: 7.88 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: VL035474.D
 Acq: 20 Aug 2020 14:30

Instrument :
 MSVOA_L
 ClientSampled :
 SSMP-1

Tot Ion	Ratio	Lower	Upper
57	100		
41	33.3	27.2	40.8
56	39.6	25.4	38.0

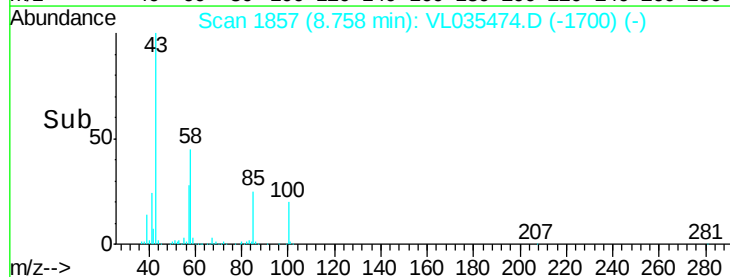
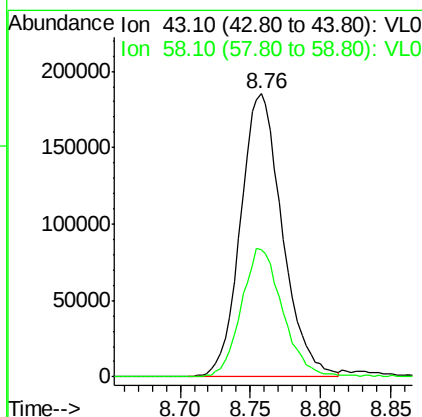
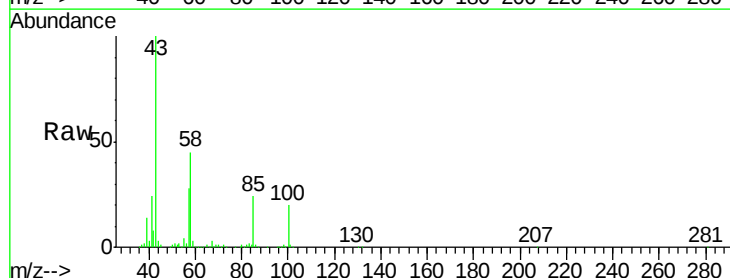
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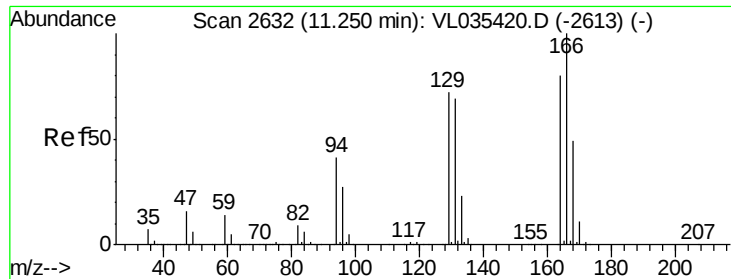
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#50
 4-Methyl-2-Pentanone
 Concen: 1.647 ppbv
 RT: 8.76 min Scan# 1857
 Delta R.T. 0.00 min
 Lab File: VL035474.D
 Acq: 20 Aug 2020 14:30

Tgt Ion	Ratio	Lower	Upper
43	100		
58	45.2	28.7	43.1





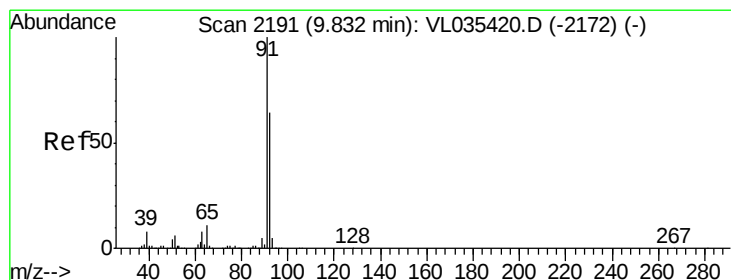
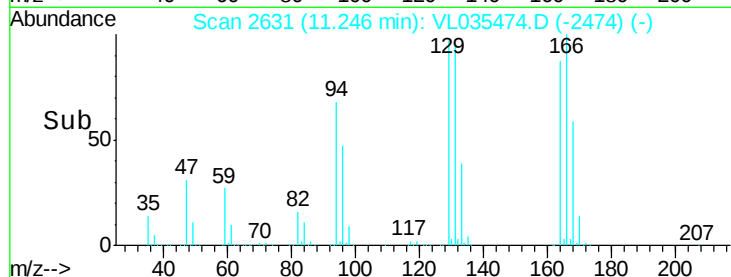
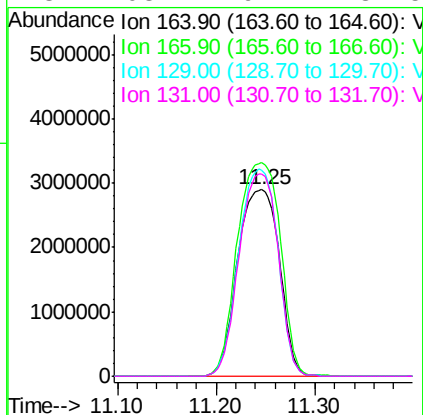
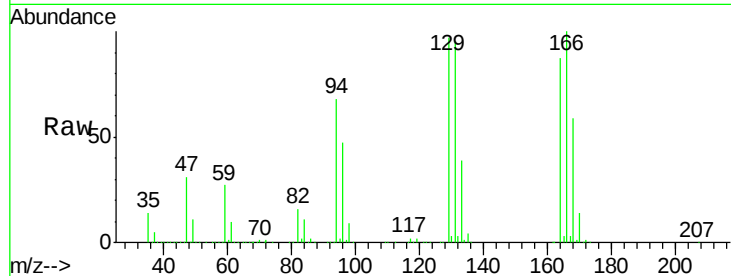
#52
Tetrachloroethene
Concen: 39.239 ppbv
RT: 11.25 min Scan# 2631
Delta R.T. 0.00 min
Lab File: VL035474.D
Acq: 20 Aug 2020 14:30

Instrument :
MSVOA_L
ClientSampleId :
SSMP-1

Tot Ion:164 Resp: 8509434
Ion Ratio Lower Upper
164 100
166 114.4 103.4 155.0
129 110.4 90.2 135.4
131 108.4 91.7 137.5

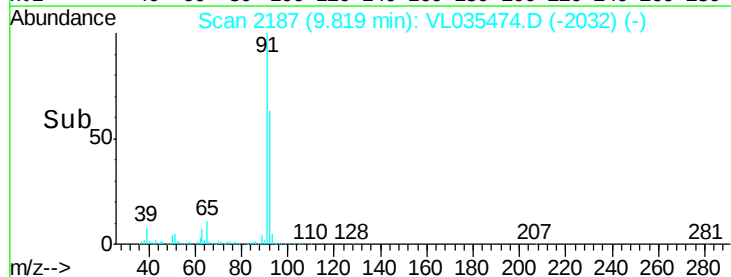
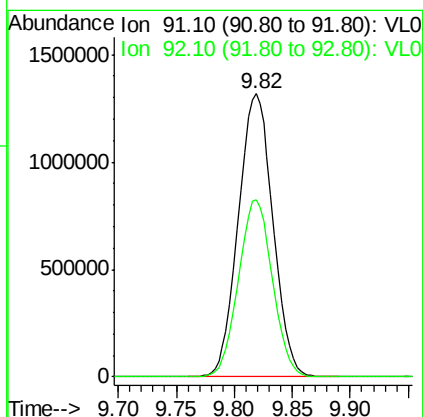
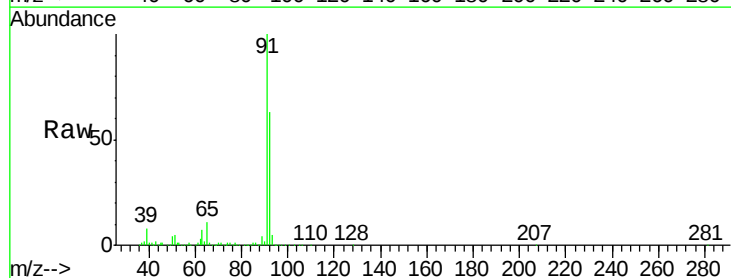
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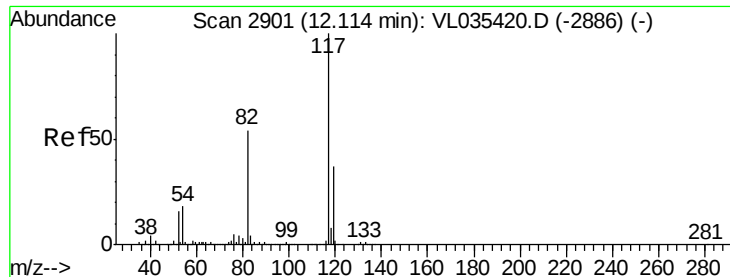
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#53
Toluene
Concen: 5.968 ppbv
RT: 9.82 min Scan# 2187
Delta R.T. -0.00 min
Lab File: VL035474.D
Acq: 20 Aug 2020 14:30

Tgt Ion: 91 Resp: 2732646
Ion Ratio Lower Upper
91 100
92 61.5 49.1 73.7





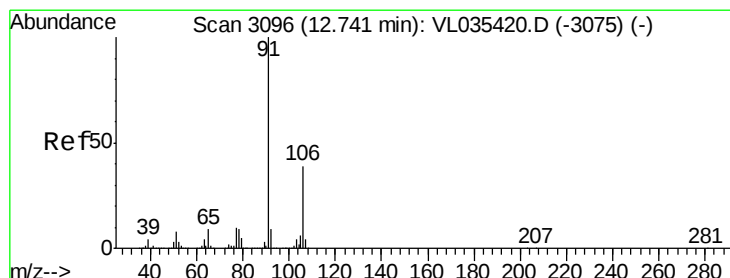
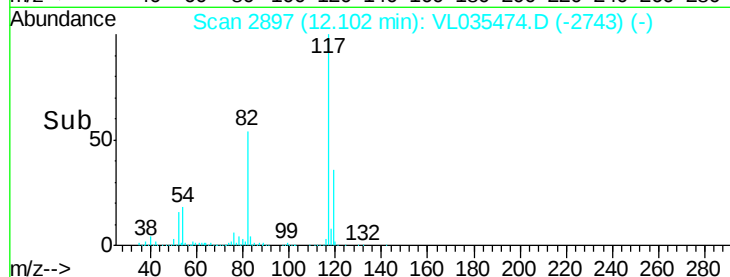
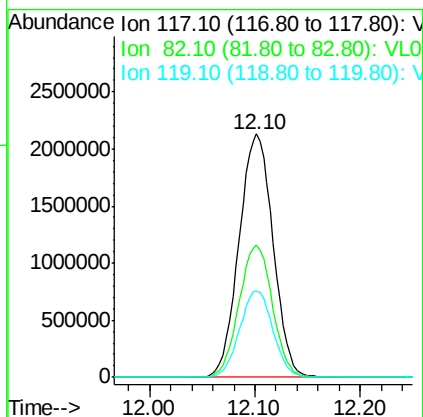
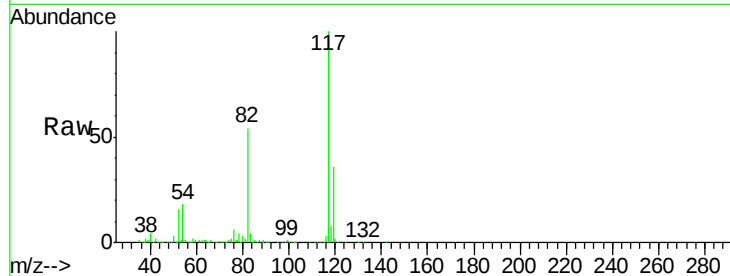
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL035474.D
Acq: 20 Aug 2020 14:30

Instrument :
MSVOA_L
ClientSampleId :
SSMP-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	57.4	86.0#
119	34.8	28.4	42.6

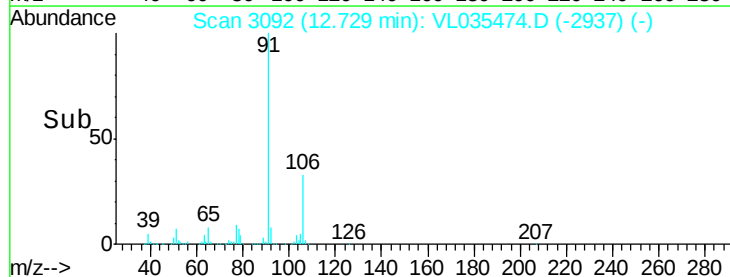
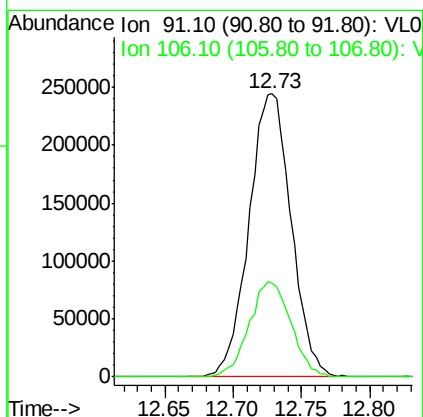
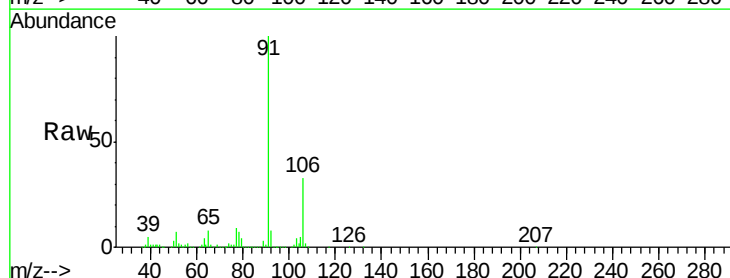
Manual Integrations
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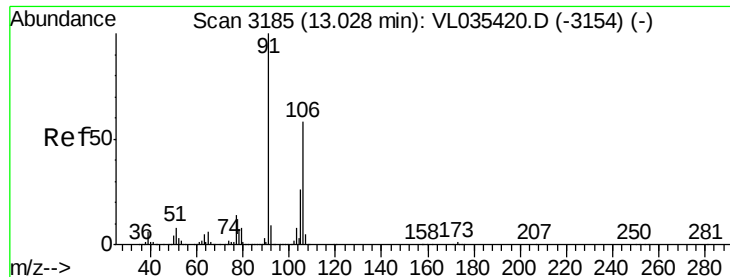
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#58
Ethyl Benzene
Concen: 0.909 ppbv
RT: 12.73 min Scan# 3092
Delta R.T. -0.00 min
Lab File: VL035474.D
Acq: 20 Aug 2020 14:30

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.3	24.1	36.1





#59

m/p-Xylene

Concen: 3.584 ppbv

RT: 12.98 min Scan# 3171

Delta R.T. -0.04 min

Lab File: VL035474.D

Acq: 20 Aug 2020 14:30

Instrument :

MSVOA_L

ClientSampleId :

SSMP-1

Tot Ion: 91 Resp: 1747483

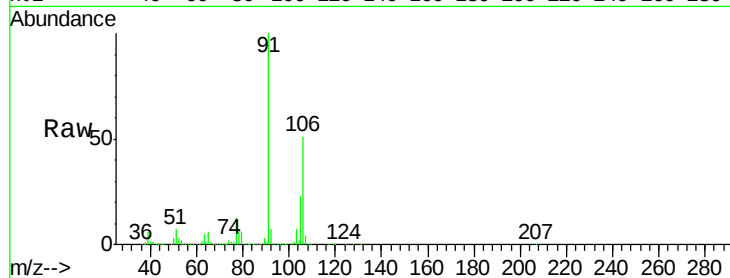
Ion Ratio Lower Upper

91 100

106 52.9 34.0 51.0#

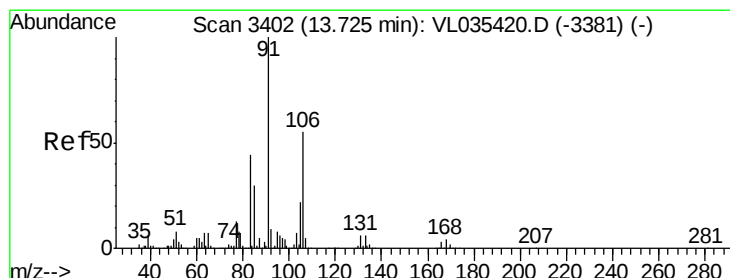
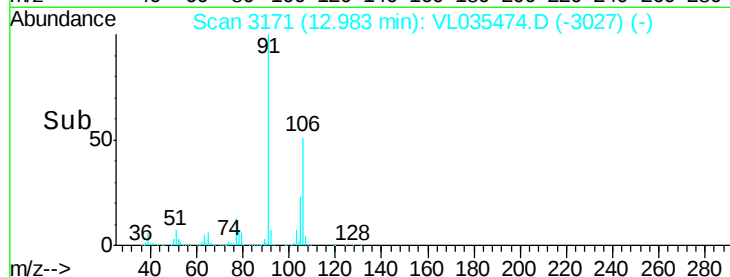
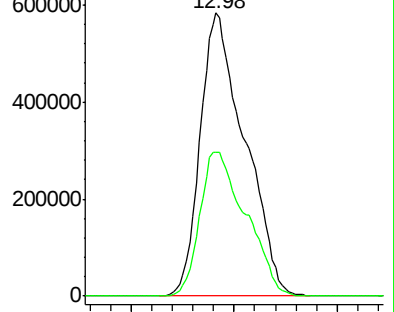
Manual Integrations
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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#60

o-Xylene

Concen: 1.439 ppbv

RT: 13.71 min Scan# 3397

Delta R.T. -0.01 min

Lab File: VL035474.D

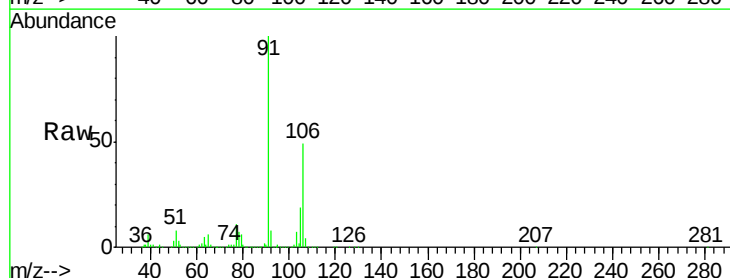
Acq: 20 Aug 2020 14:30

Tgt Ion: 91 Resp: 681797

Ion Ratio Lower Upper

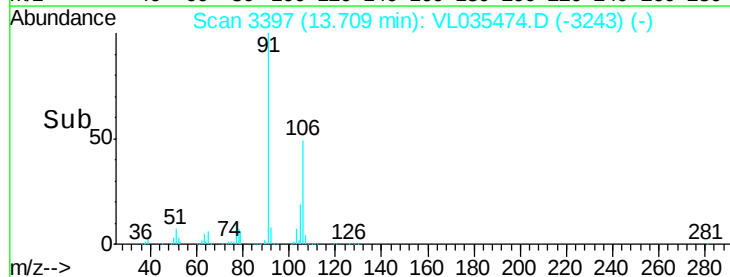
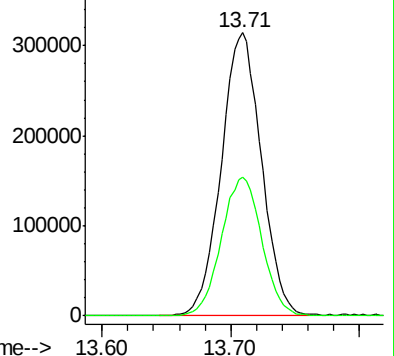
91 100

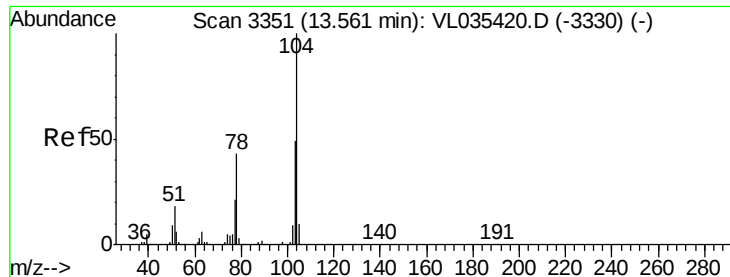
106 49.6 21.8 65.3



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





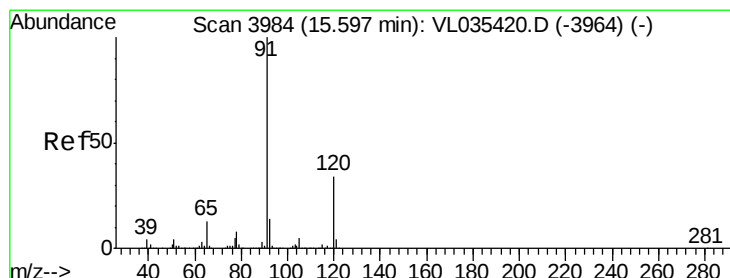
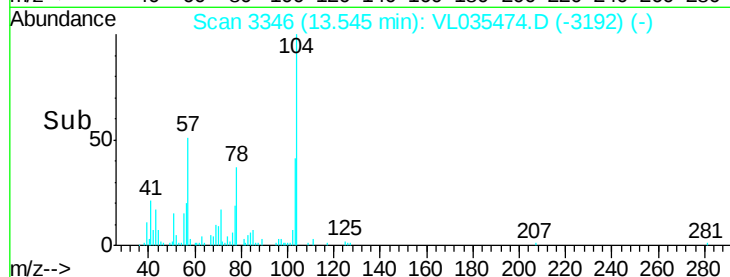
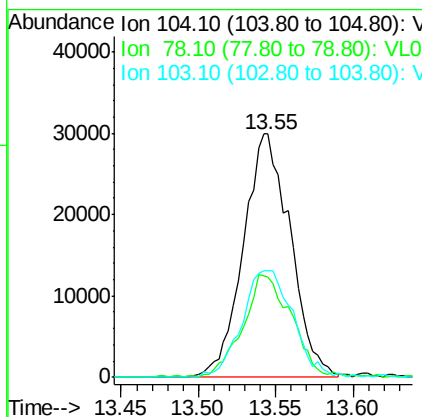
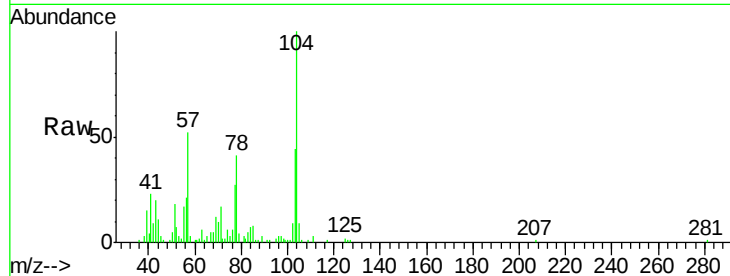
#61
Stvrene
Concen: 0.165 ppbv
RT: 13.55 min Scan# 3346
Delta R.T. -0.01 min
Lab File: VL035474.D
Acq: 20 Aug 2020 14:30

Instrument :
MSVOA_L
ClientSampleId :
SSMP-1

Tot Ion	Ratio	Lower	Upper
104	100		
78	44.5	45.4	68.2#
103	47.5	37.8	56.8

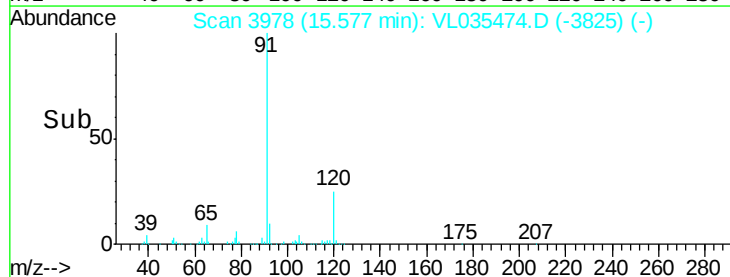
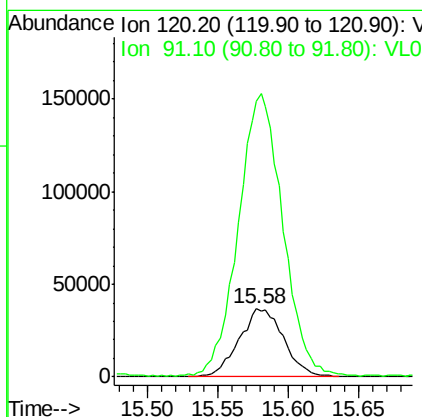
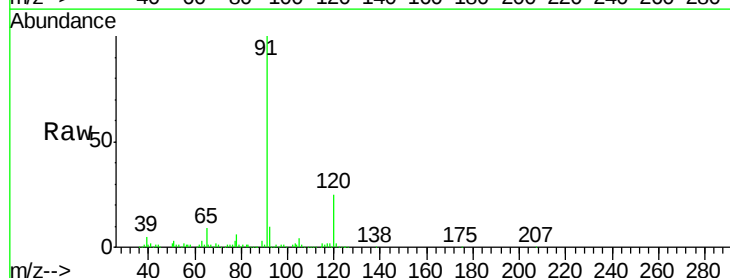
Manual Integrations
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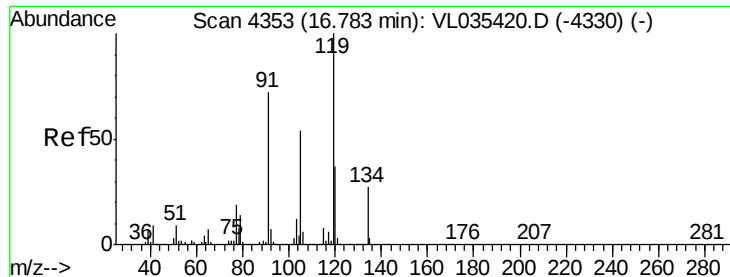
MMDadoda
8/21/2020 11:24:14 AM



#64
n-propylbenzene
Concen: 0.340 ppbv
RT: 15.58 min Scan# 3978
Delta R.T. -0.01 min
Lab File: VL035474.D
Acq: 20 Aug 2020 14:30

Tgt Ion	Ratio	Lower	Upper
120	100		
91	410.3	385.5	578.3





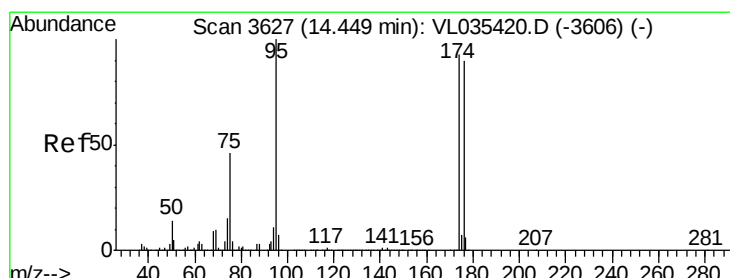
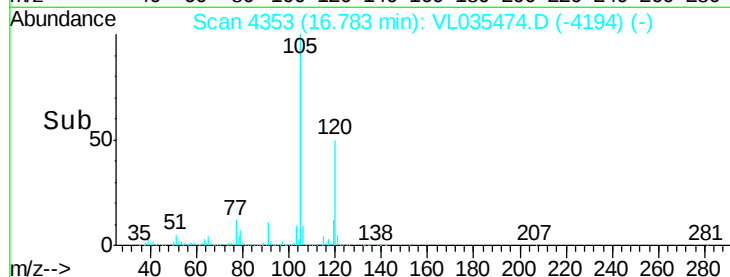
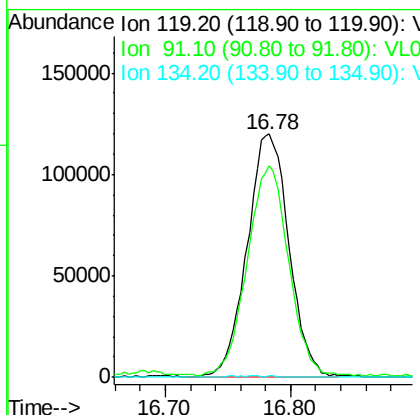
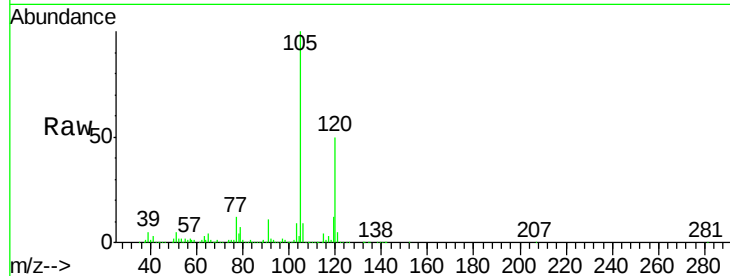
#65
tert-Butylbenzene
Concen: 0.366 ppbv
RT: 16.78 min Scan# 4353
Delta R.T. 0.01 min
Lab File: VL035474.D
Acq: 20 Aug 2020 14:30

Instrument :
MSVOA_L
ClientSampleId :
SSMP-1

Tot Ion	Ratio	Lower	Upper
119	100		
91	85.5	72.0	108.0
134	0.8	15.7	23.5

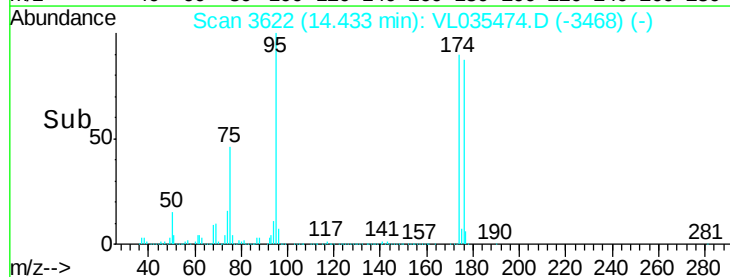
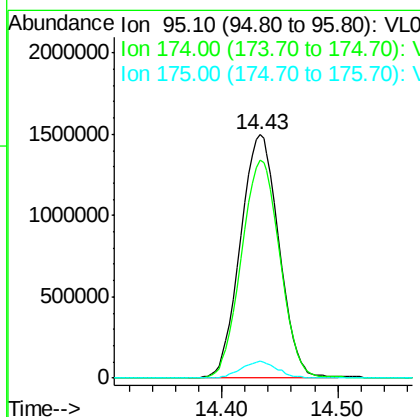
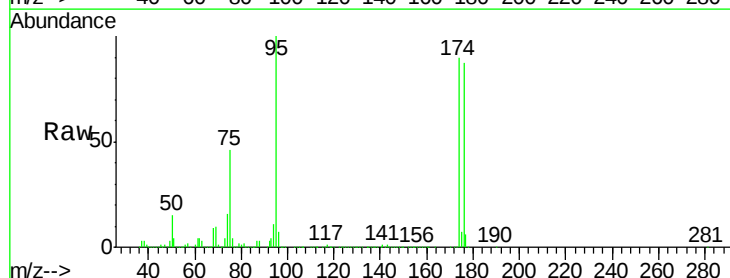
Manual Integrations
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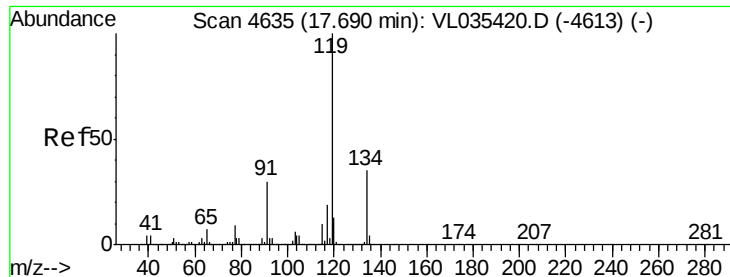
MMDadoda
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.336 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL035474.D
Acq: 20 Aug 2020 14:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.1	44.0	66.0
175	6.6	3.2	4.8





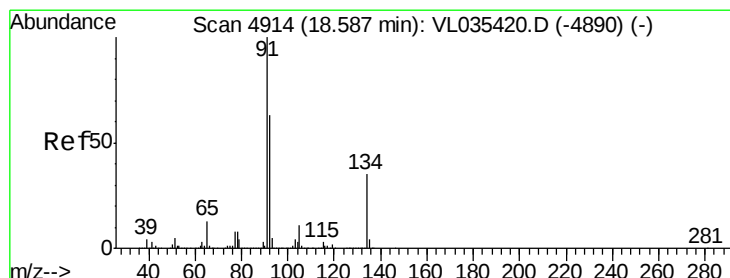
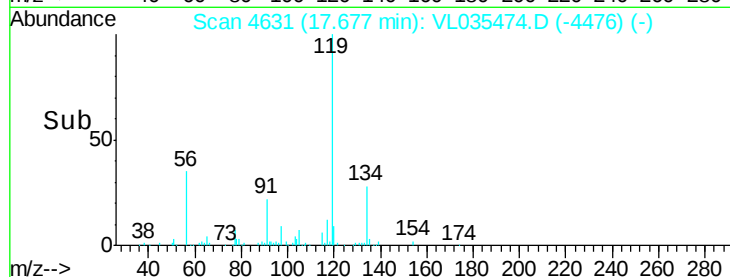
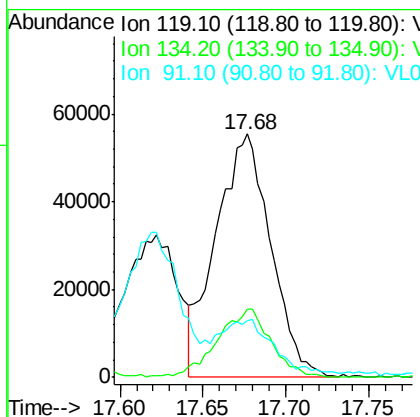
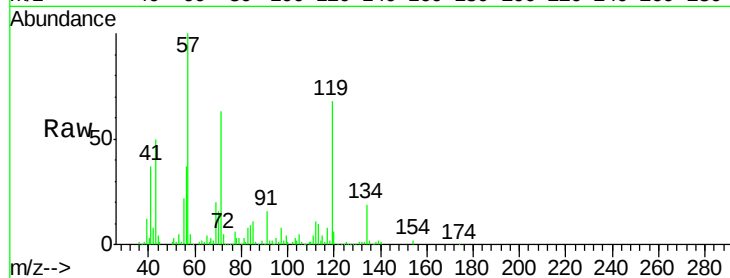
#69
 p-Isopropyltoluene
 Concen: 0.144 ppbv
 RT: 17.68 min Scan# 4631
 Delta R.T. -0.00 min
 Lab File: VL035474.D
 Acq: 20 Aug 2020 14:30

Instrument :
 MSVOA_L
 ClientSampled :
 SSMP-1

Tot Ion	Ratio	Resp	Lower	Upper
119	100	126697		
134	27.6	20.6	30.8	
91	21.6	26.6	39.8	

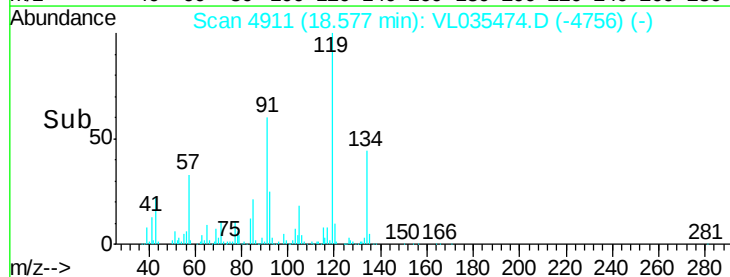
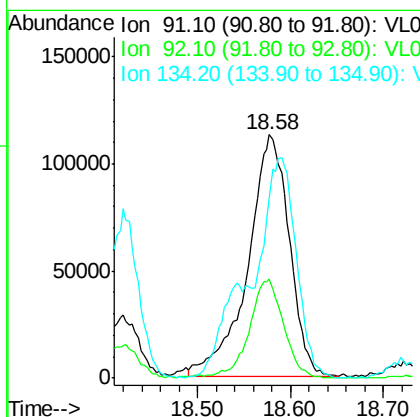
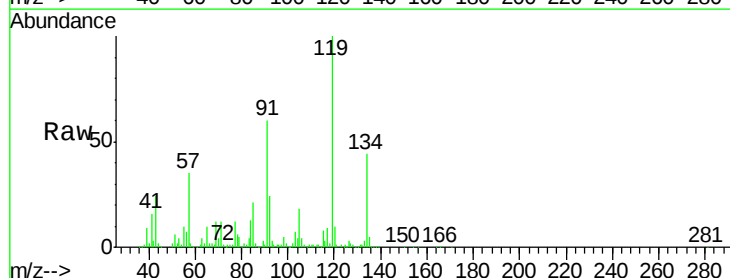
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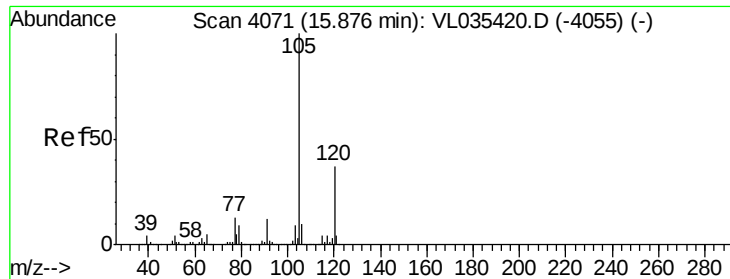
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#70
 n-Butylbenzene
 Concen: 0.419 ppbv
 RT: 18.58 min Scan# 4911
 Delta R.T. -0.00 min
 Lab File: VL035474.D
 Acq: 20 Aug 2020 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	348872		
92	34.6	44.8	67.2	
134	101.8	17.3	25.9	





#72

4-Ethyltoluene

Concen: 0.902 ppbv

RT: 15.86 min Scan# 4066

Delta R.T. -0.01 min

Lab File: VL035474.D

Acq: 20 Aug 2020 14:30

Instrument :

MSVOA_L

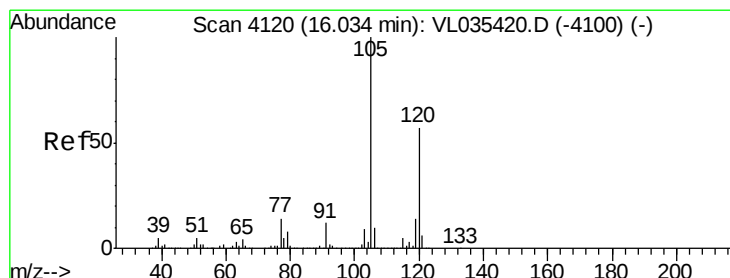
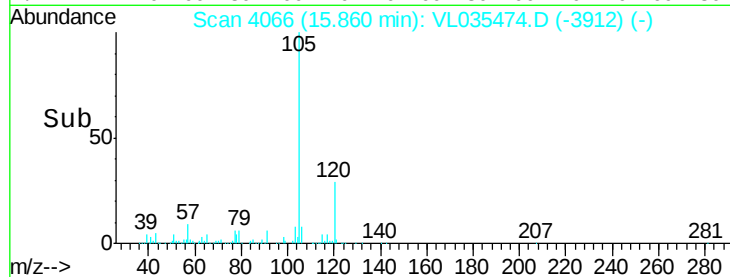
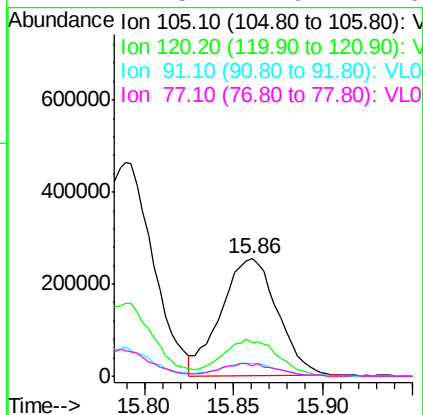
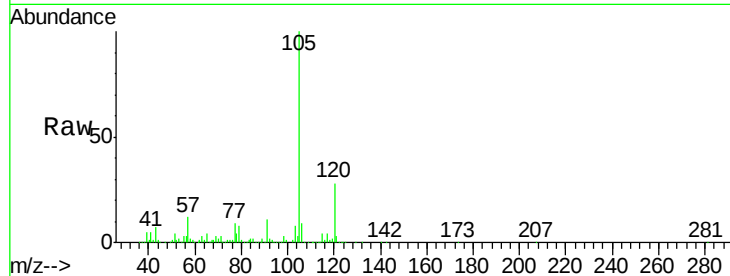
ClientSampleId :

SSMP-1

Tot Ion:	105	Resp:	560884
Ion Ratio	Lower	Upper	
105	100		
120	30.9	22.7	34.1
91	11.3	10.8	16.2
77	11.5	11.9	17.9#

Manual Integrations
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#73

1,3,5-Trimethylbenzene

Concen: 0.942 ppbv

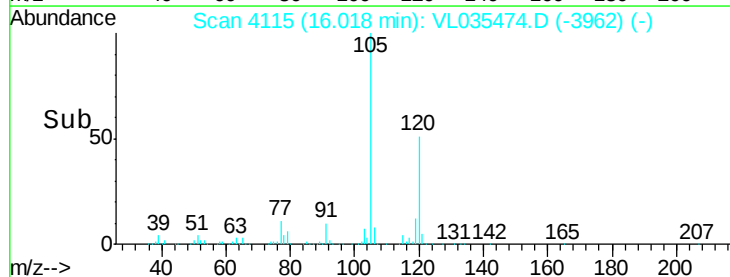
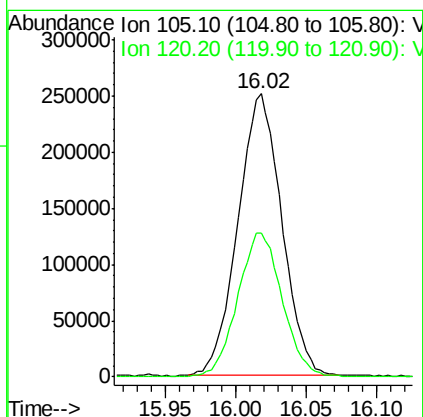
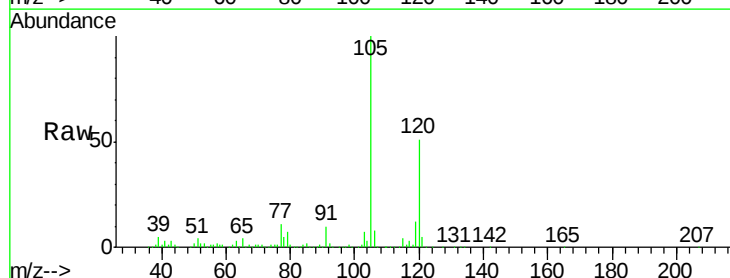
RT: 16.02 min Scan# 4115

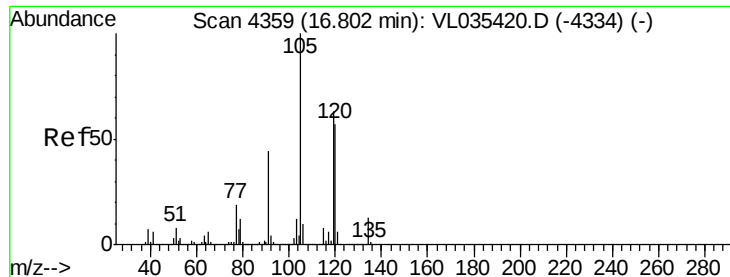
Delta R.T. -0.01 min

Lab File: VL035474.D

Acq: 20 Aug 2020 14:30

Tgt Ion:	105	Resp:	545188
Ion Ratio	Lower	Upper	
105	100		
120	50.9	35.6	53.4





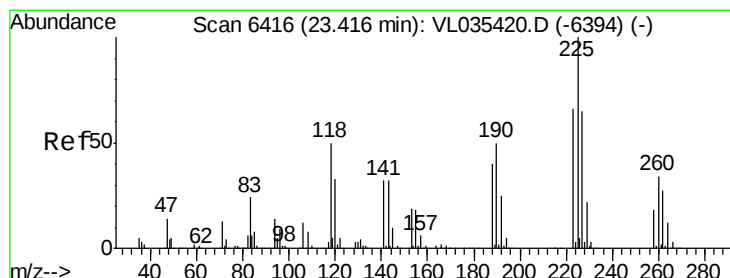
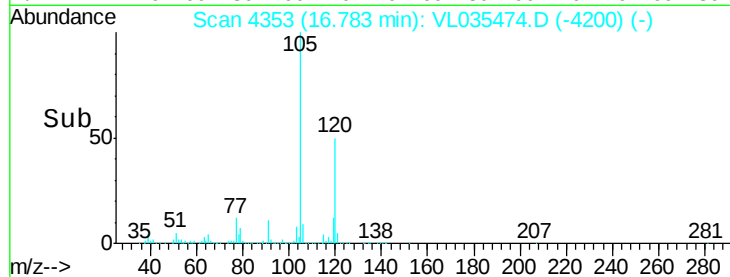
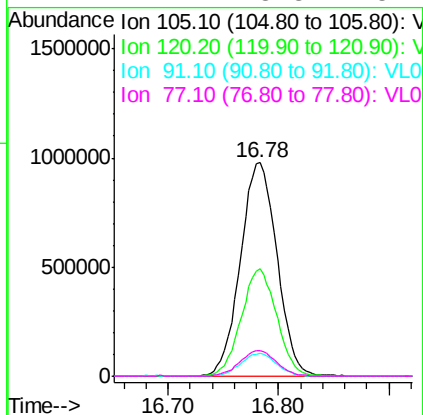
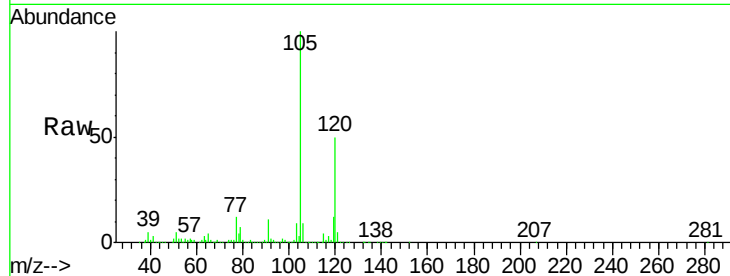
#74
 1,2,4-Trimethylbenzene
 Concen: 3.576 ppbv
 RT: 16.78 min Scan# 4353
 Delta R.T. -0.01 min
 Lab File: VL035474.D
 Acq: 20 Aug 2020 14:30

Instrument :
 MSVOA_L
 ClientSampled :
 SSMP-1

Tot Ion:	105	Resp:	2248161
Ion Ratio	Lower	Upper	
105	100		
120	50.4	37.8	56.8
91	10.5	40.0	60.0#
77	11.7	18.8	28.2#

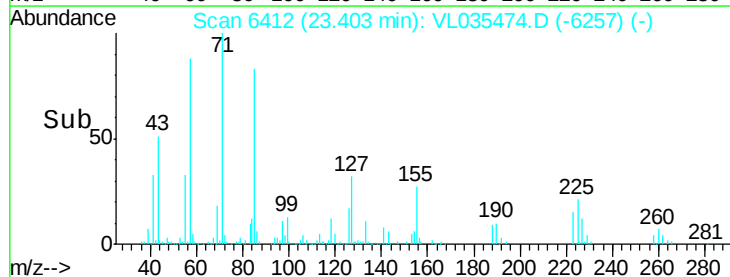
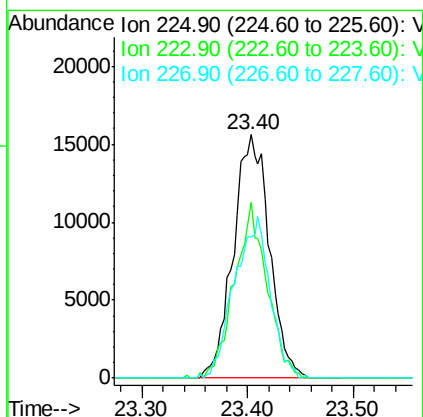
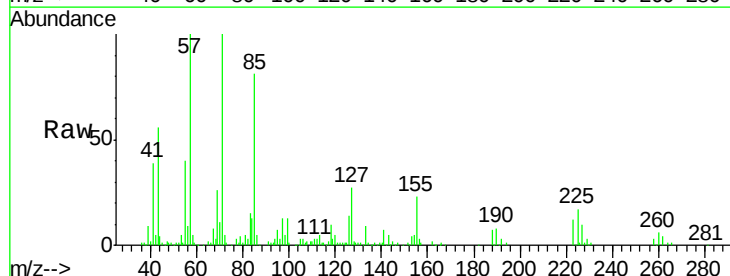
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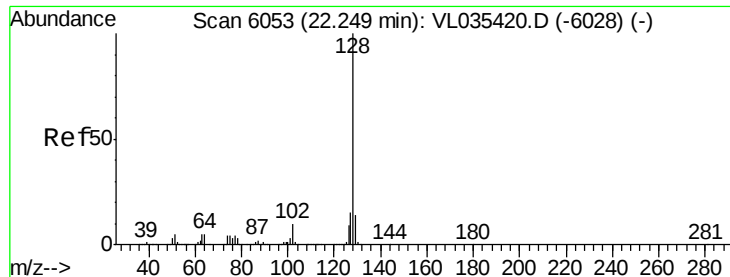
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#78
 Hexachloro-1,3-Butadiene
 Concen: 0.098 ppbv m
 RT: 23.40 min Scan# 6412
 Delta R.T. -0.00 min
 Lab File: VL035474.D
 Acq: 20 Aug 2020 14:30

Tgt Ion:	225	Resp:	36710
Ion Ratio	Lower	Upper	
225	100		
223	65.1	50.3	75.5
227	0.0	51.0	76.6#





#79

Naphthalene

Concen: 0.654 ppbv

RT: 22.23 min Scan# 6047

Delta R.T. -0.01 min

Lab File: VL035474.D

Acq: 20 Aug 2020 14:30

Instrument :

MSVOA_L

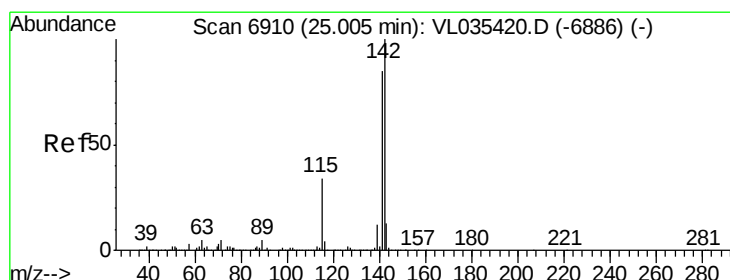
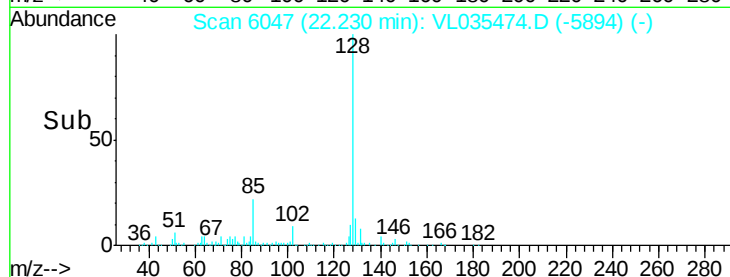
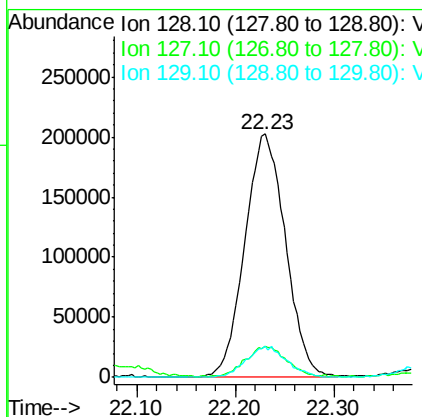
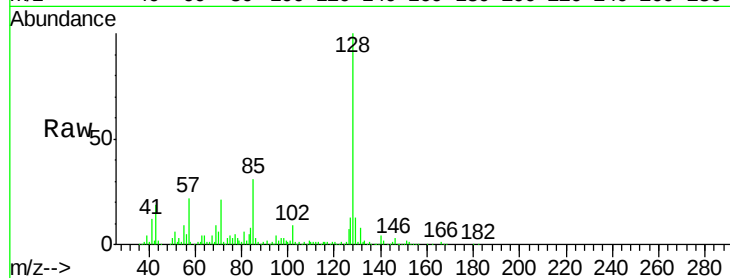
ClientSampleId :

SSMP-1

Tot Ion:	128	Resp:	578655
Ion Ratio		Lower	Upper
128	100		
127	12.4	11.4	17.0
129	12.8	9.5	14.3

Manual Integrations
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#80

Naphthalene, 2-methyl-

Concen: 0.205 ppbv

RT: 25.00 min Scan# 6908

Delta R.T. -0.00 min

Lab File: VL035474.D

Acq: 20 Aug 2020 14:30

Tgt Ion:	142	Resp:	75156
Ion Ratio		Lower	Upper
142	100		
141	81.7	67.1	100.7
115	52.4	36.1	54.1

