

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080421\
 Data File : VL037326.D
 Acq On : 5 Aug 2021 3:22
 Operator : SY/AP
 Sample : M3211-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-4

Manual Integrations
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MMDadoda
 8/5/2021 1:41:08 PM

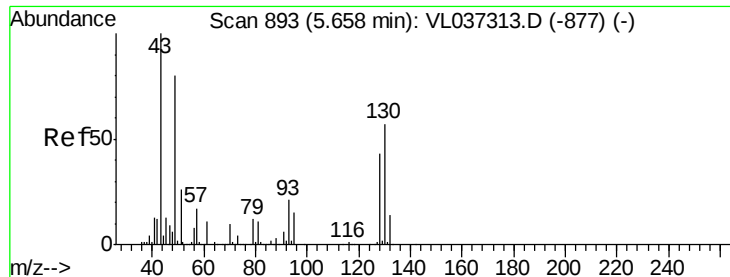
Quant Time: Aug 05 08:21:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 04
 QLast Update : Wed Aug 04 22:53:01 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1082820	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3372917	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2772673	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	1796646	9.49	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.90%

Target Compounds						Ovalue
2) Dichlorodifluoromethane	3.05	85	34357	0.156	ppbv	92
3) Chlorodifluoromethane	2.96	51	77750m	0.353	ppbv	
4) Chloromethane	3.14	50	35614	0.452	ppbv	90
9) Propene	3.01	41	290076	3.644	ppbv	96
10) Heptane	8.11	43	24992m	0.134	ppbv	
11) Trichlorofluoromethane	3.95	101	1745747	8.631	ppbv	100
13) Ethanol	3.61	45	301048	25.107	ppbv	99
15) Acetone	3.84	43	4326044	36.779	ppbv	93
17) tert-Butyl alcohol	4.31	59	40892m	0.346	ppbv	
19) Isopropyl Alcohol	3.97	45	144600	2.221	ppbv #	93
20) Methylene Chloride	4.34	84	1463651	15.030	ppbv	99
26) Hexane	5.68	57	1020124	5.960	ppbv #	47
27) Carbon Disulfide	4.54	76	33325m	0.239	ppbv	
29) Chloroform	5.75	83	281095	1.297	ppbv	100
30) Cyclohexane	7.12	84	34598m	0.262	ppbv	
32) 1,1,1-Trichloroethane	6.51	97	7606m	0.037	ppbv	
34) 2-Butanone	5.23	43	5244338	44.807	ppbv	100
35) Carbon Tetrachloride	7.01	117	165734	0.823	ppbv	98
36) Benzene	6.88	78	106291	0.350	ppbv	98
38) Trichloroethene	7.83	130	95775	0.721	ppbv	97
41) Tetrahydrofuran	6.03	42	3689558	56.683	ppbv	99
44) 2,2,4-Trimethylpentane	7.86	57	52718m	0.105	ppbv	
50) 4-Methyl-2-Pentanone	8.76	43	34023m	0.190	ppbv	
51) 2-Hexanone	10.13	43	490679	6.022	ppbv #	95
52) Tetrachloroethene	11.22	164	27400m	0.210	ppbv	
53) Toluene	9.80	91	291590m	0.814	ppbv	
58) Ethyl Benzene	12.70	91	92076m	0.226	ppbv	
59) m/p-Xylene	12.95	91	246942m	0.720	ppbv	
60) o-Xylene	13.68	91	90474m	0.290	ppbv	
61) Styrene	13.52	104	17323m	0.101	ppbv	
73) 1,3,5-Trimethylbenzene	15.99	105	38199m	0.113	ppbv	
74) 1,2,4-Trimethylbenzene	16.74	105	111007	0.307	ppbv #	75
75) 1,3-Dichlorobenzene	16.98	146	102782m	0.463	ppbv	
76) 1,4-Dichlorobenzene	17.12	146	88189m	0.401	ppbv	
79) Naphthalene	22.19	128	40721m	0.123	ppbv	
80) Naphthalene,2-methyl-	24.95	142	6909	0.128	ppbv #	71

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. 0.00 min

Lab File: VL037326.D

Acq: 5 Aug 2021 3:22

Instrument :

MSVOA_L

ClientSampleId :

SVP-4

Tot Ion: 49 Resp: 1082820

Ion Ratio Lower Upper

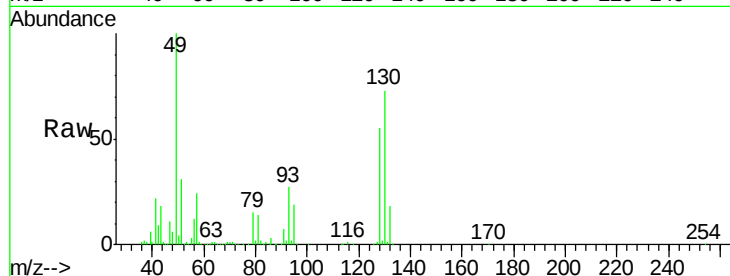
49 100

128 57.9 29.8 89.5

130 75.7 37.5 112.7

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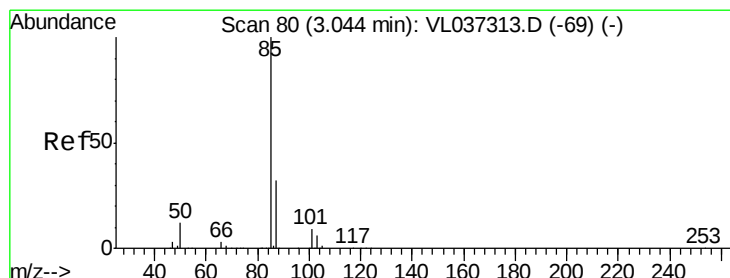
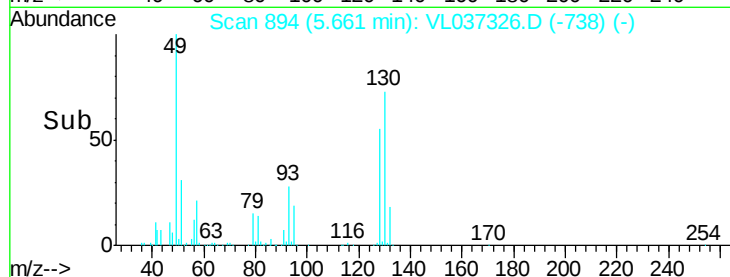
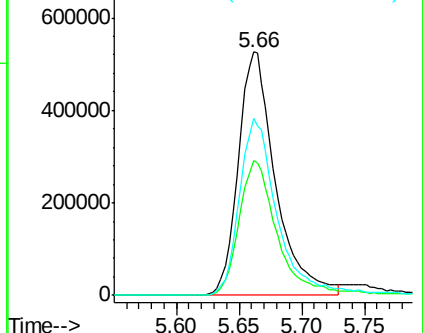
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.156 ppbv

RT: 3.05 min Scan# 81

Delta R.T. 0.00 min

Lab File: VL037326.D

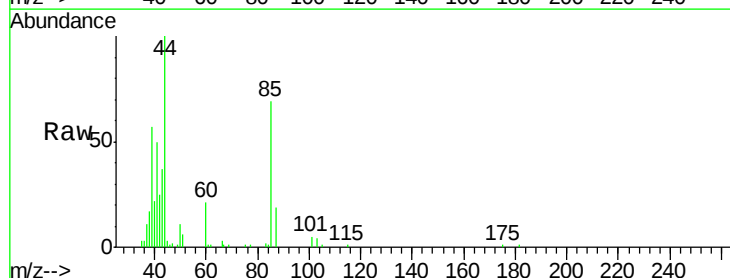
Acq: 5 Aug 2021 3:22

Tgt Ion: 85 Resp: 34357

Ion Ratio Lower Upper

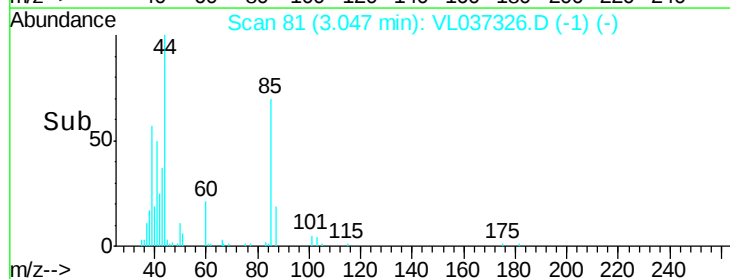
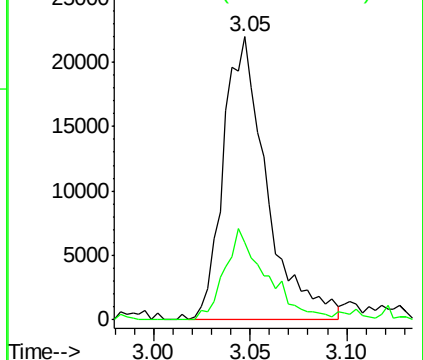
85 100

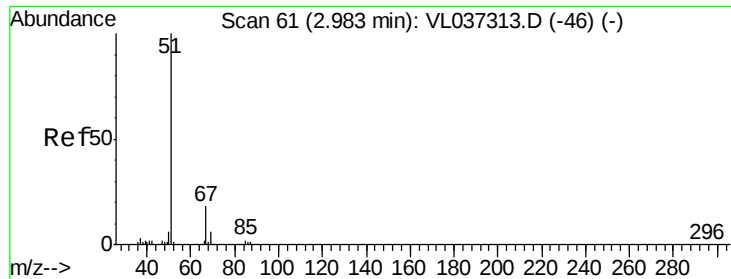
87 27.3 25.5 38.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.353 ppbv

RT: 2.96 min Scan# 55

Delta R.T. -0.02 min

Lab File: VL037326.D

Acq: 5 Aug 2021 3:22

Instrument :

MSVOA_L

ClientSampleId :

SVP-4

Tot Ion: 51 Resp: 77750

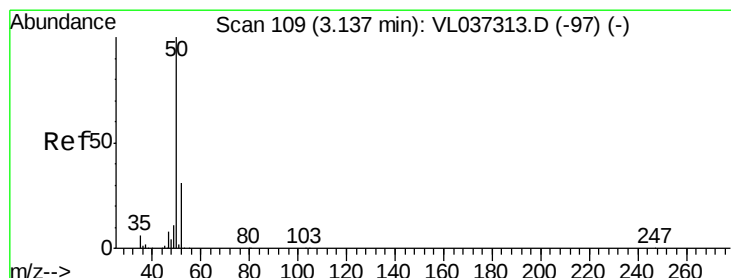
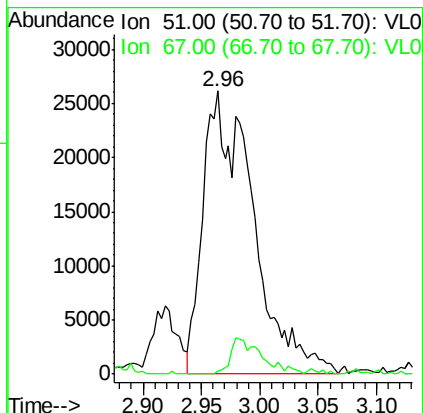
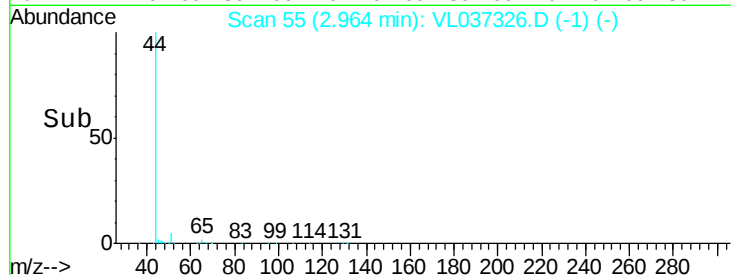
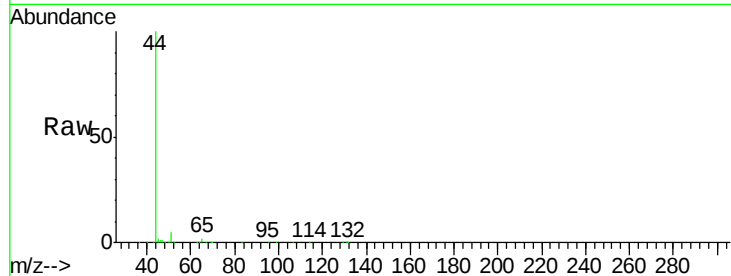
Ion Ratio Lower Upper

51 100

67 8.3 14.2 21.2#

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#4

Chloromethane

Concen: 0.452 ppbv

RT: 3.14 min Scan# 110

Delta R.T. 0.00 min

Lab File: VL037326.D

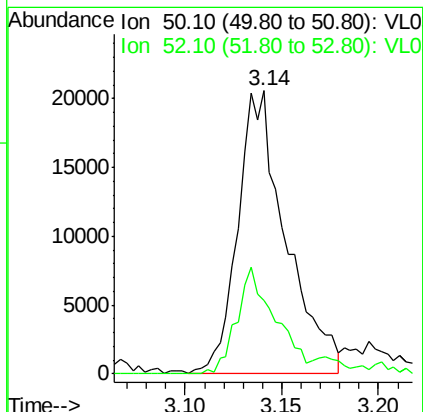
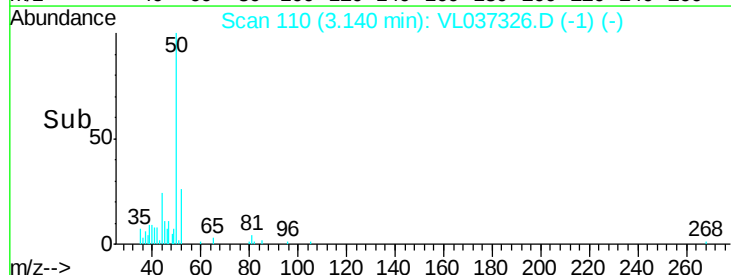
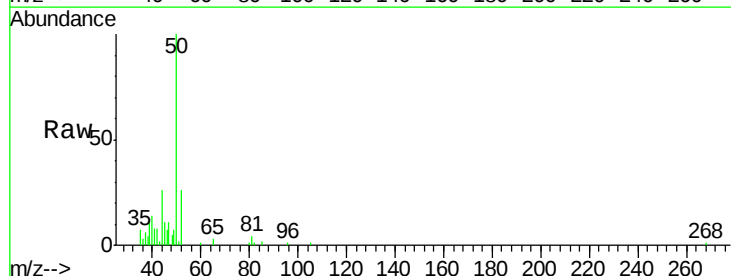
Acq: 5 Aug 2021 3:22

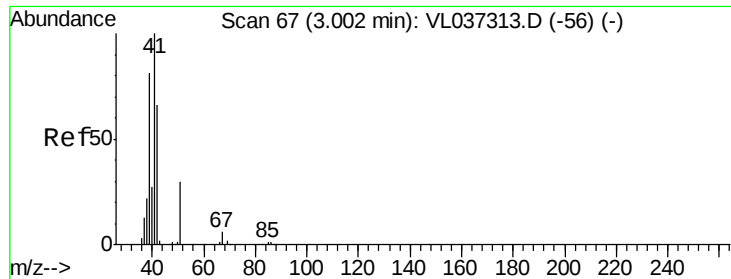
Tgt Ion: 50 Resp: 35614

Ion Ratio Lower Upper

50 100

52 25.9 25.1 37.7





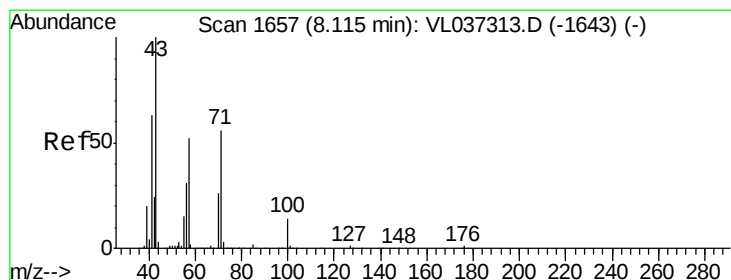
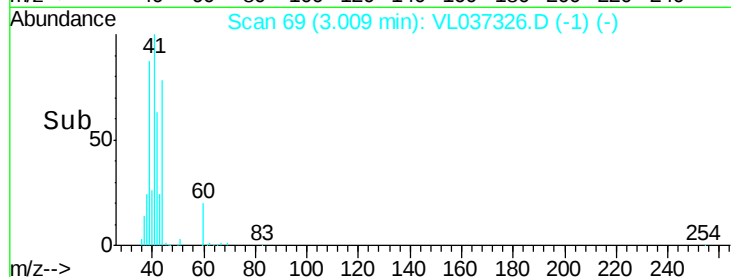
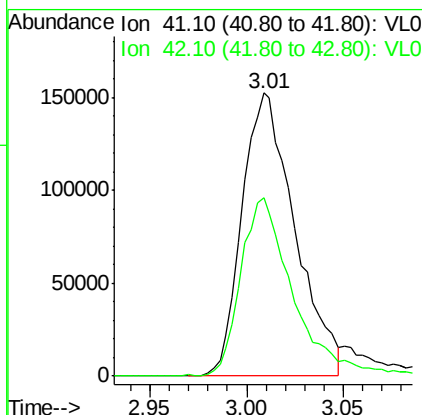
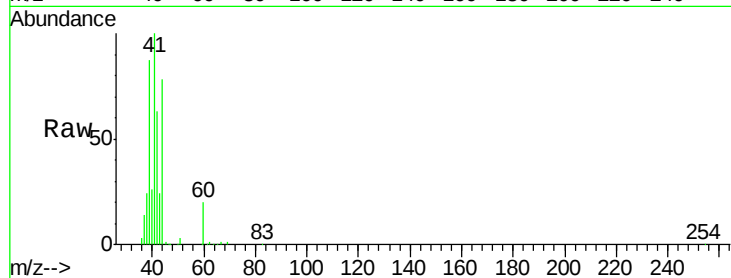
#9
 Propene
 Concen: 3.644 ppbv
 RT: 3.01 min Scan# 69
 Delta R.T. 0.01 min
 Lab File: VL037326.D
 Acq: 5 Aug 2021 3:22

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-4

Tot Ion: 41 Resp: 290076
 Ion Ratio Lower Upper
 41 100
 42 63.7 53.8 80.8

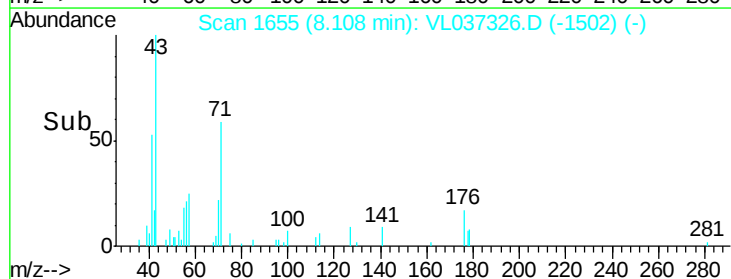
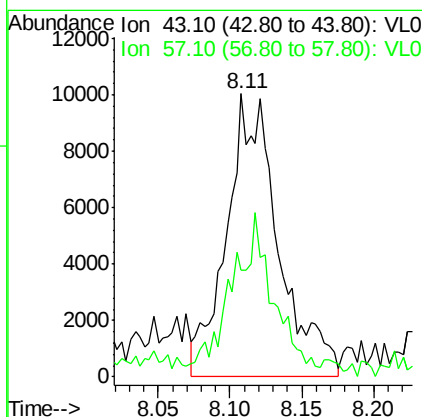
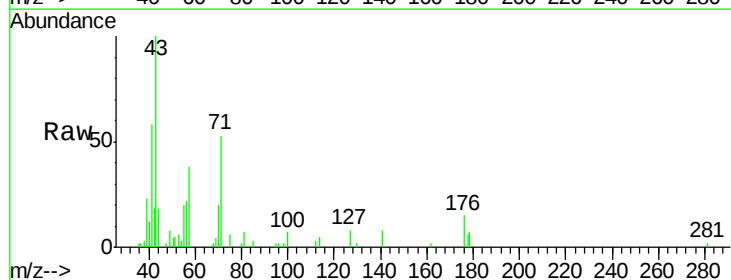
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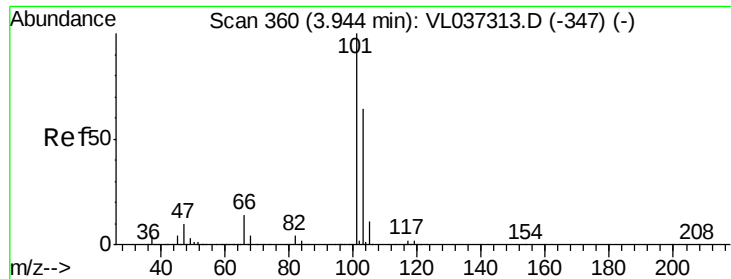
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#10
 Heptane
 Concen: 0.134 ppbv m
 RT: 8.11 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: VL037326.D
 Acq: 5 Aug 2021 3:22

Tgt Ion: 43 Resp: 24992
 Ion Ratio Lower Upper
 43 100
 57 52.7 42.4 63.6





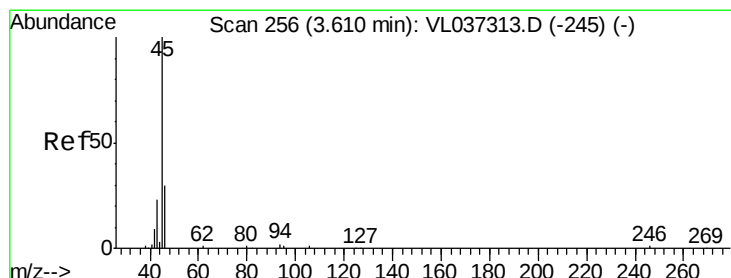
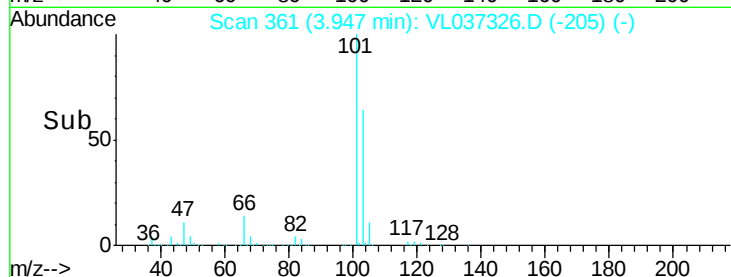
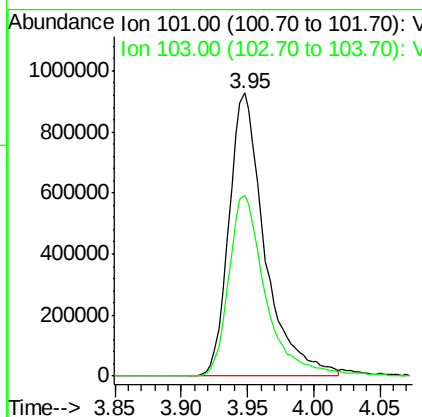
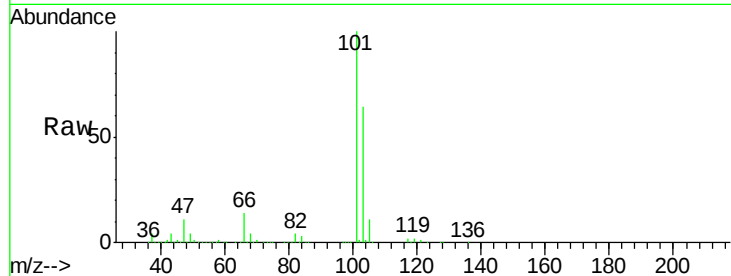
#11
 Trichlorofluoromethane
 Concen: 8.631 ppbv
 RT: 3.95 min Scan# 361
 Delta R.T. 0.00 min
 Lab File: VL037326.D
 Acq: 5 Aug 2021 3:22

Instrument :
 MSVOA_L
 ClientSampled :
 SVP-4

Tot Ion:101 Resp: 1745747
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.6 77.4

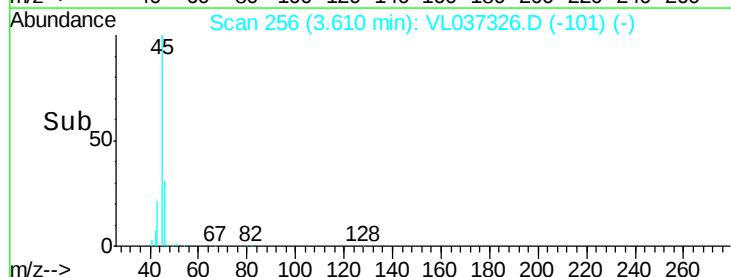
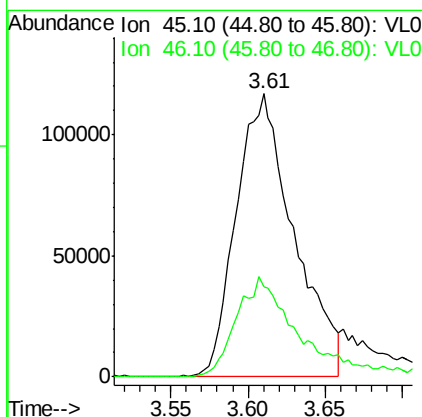
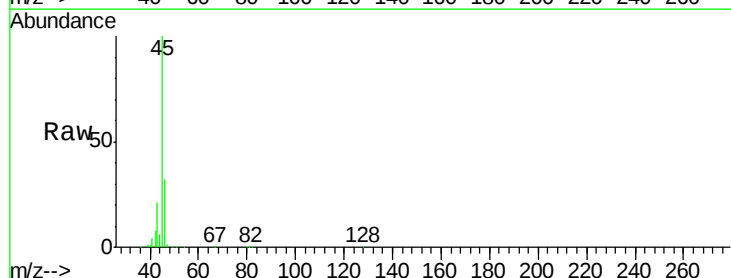
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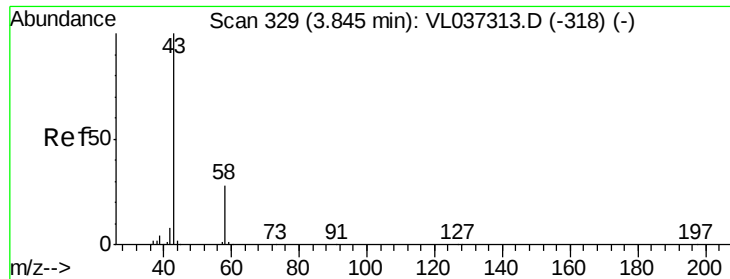
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#13
 Ethanol
 Concen: 25.107 ppbv
 RT: 3.61 min Scan# 256
 Delta R.T. -0.00 min
 Lab File: VL037326.D
 Acq: 5 Aug 2021 3:22

Tgt Ion: 45 Resp: 301048
 Ion Ratio Lower Upper
 45 100
 46 41.2 16.6 66.4





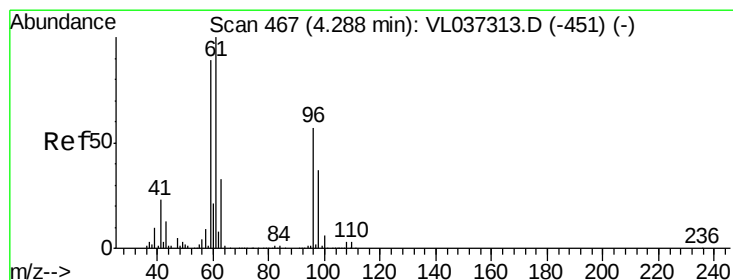
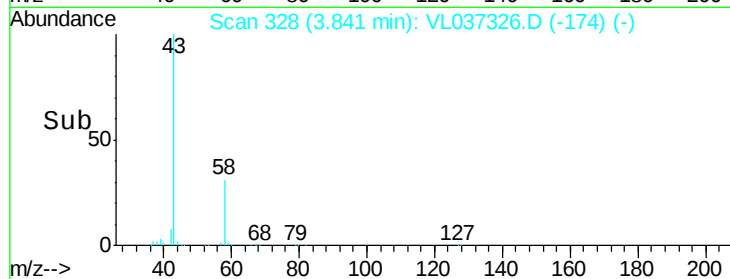
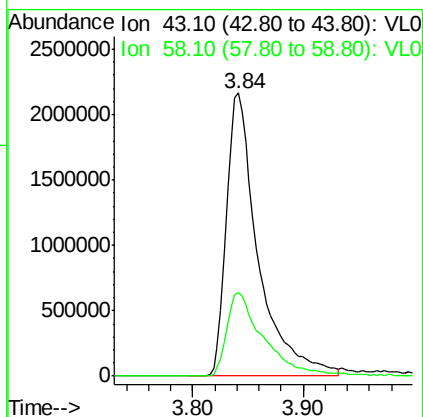
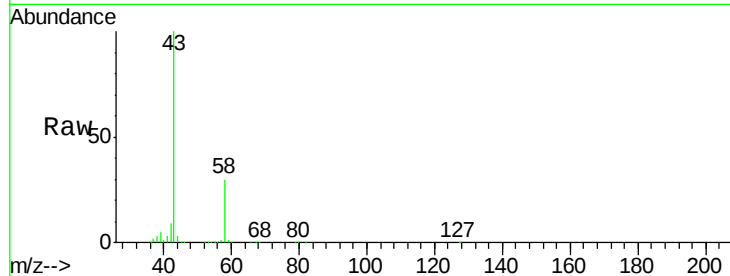
#15
Acetone
Concen: 36.779 ppbv
RT: 3.84 min Scan# 328
Delta R.T. -0.00 min
Lab File: VL037326.D
Acq: 5 Aug 2021 3:22

Instrument :
MSVOA_L
ClientSampled :
SVP-4

Tot Ion: 43 Resp: 4326044
Ion Ratio Lower Upper
43 100
58 35.2 25.3 37.9

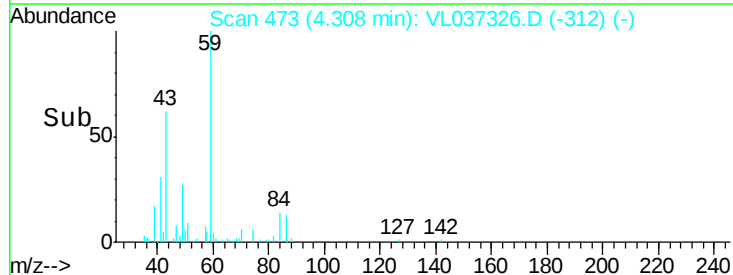
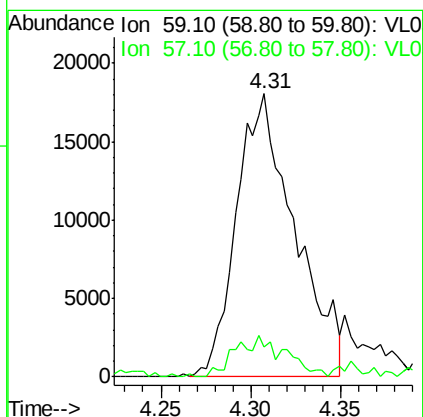
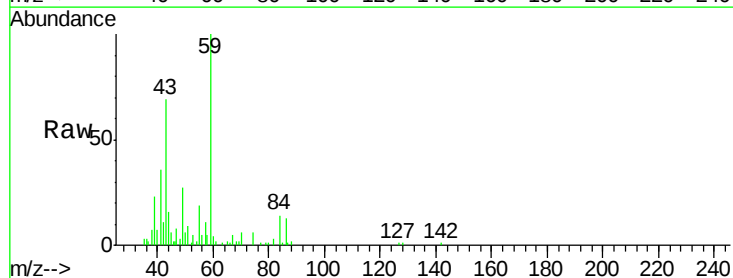
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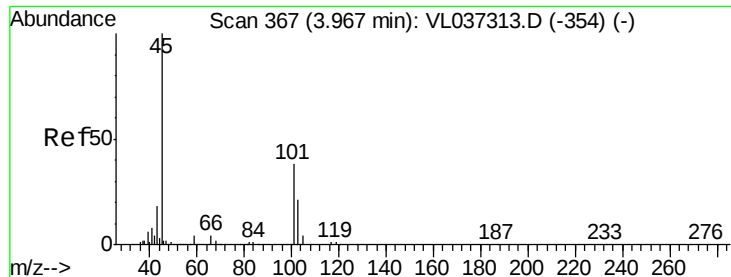
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#17
tert-Butyl alcohol
Concen: 0.346 ppbv m
RT: 4.31 min Scan# 473
Delta R.T. 0.02 min
Lab File: VL037326.D
Acq: 5 Aug 2021 3:22

Tgt Ion: 59 Resp: 40892
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#





#19

Isopropyl Alcohol

Concen: 2.221 ppbv

RT: 3.97 min Scan# 368

Delta R.T. 0.00 min

Lab File: VL037326.D

Acq: 5 Aug 2021 3:22

Instrument :

MSVOA_L

ClientSampled :

SVP-4

Tot Ion: 45 Resp: 144600

Ion Ratio Lower Upper

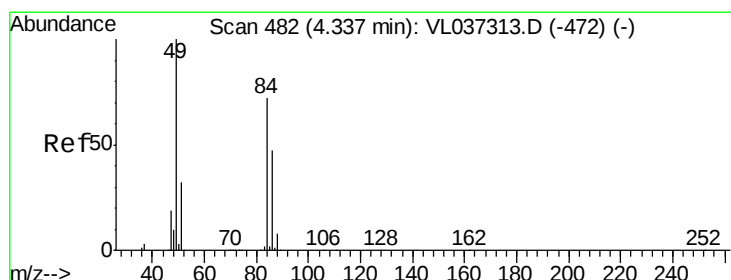
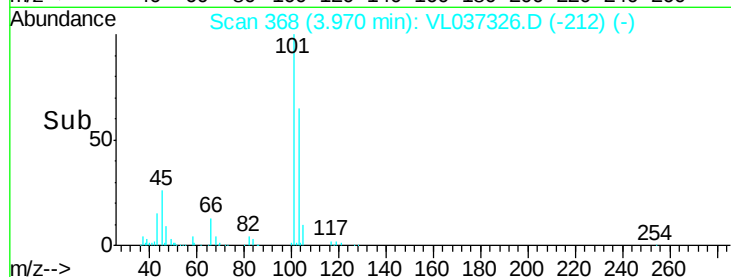
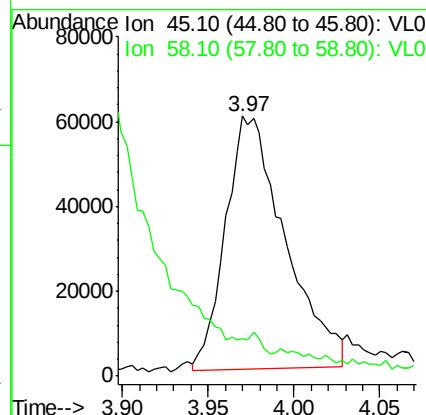
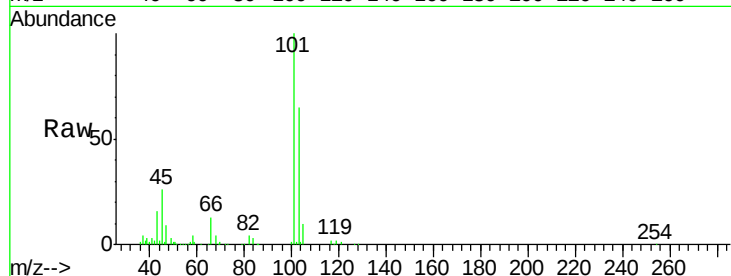
45 100

58 0.0 1.8 2.8#

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#20

Methylene Chloride

Concen: 15.030 ppbv

RT: 4.34 min Scan# 483

Delta R.T. 0.00 min

Lab File: VL037326.D

Acq: 5 Aug 2021 3:22

Tgt Ion: 84 Resp: 1463651

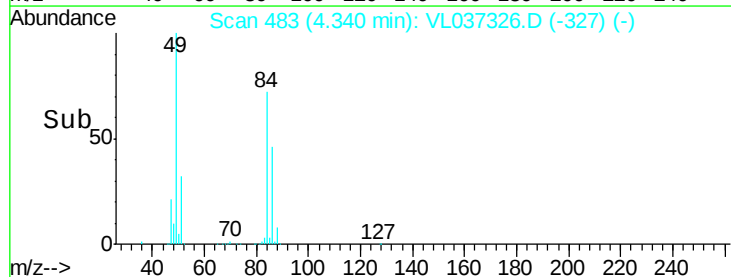
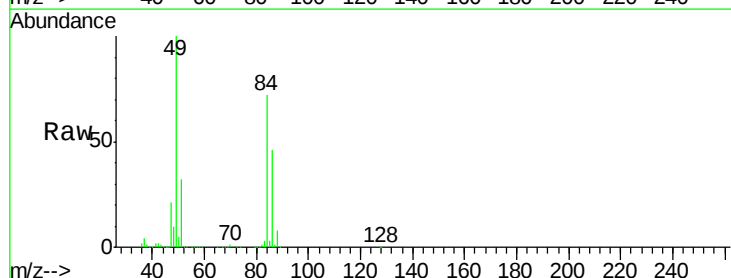
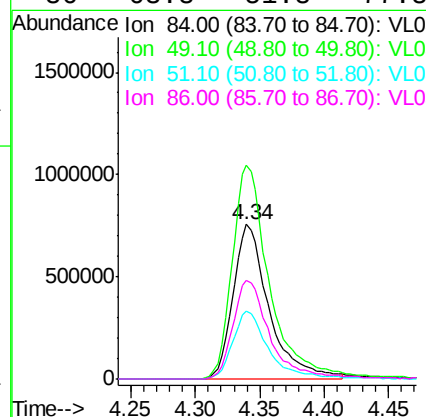
Ion Ratio Lower Upper

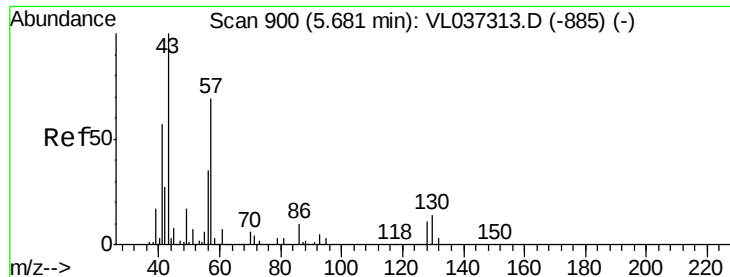
84 100

49 138.4 110.4 165.6

51 44.0 35.8 53.6

86 63.8 51.8 77.8





#26

Hexane

Concen: 5.960 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.00 min

Lab File: VL037326.D

Acq: 5 Aug 2021 3:22

Instrument :

MSVOA_L

ClientSampleId :

SVP-4

Tot Ion: 57 Resp: 1020124

Ion Ratio Lower Upper

57 100

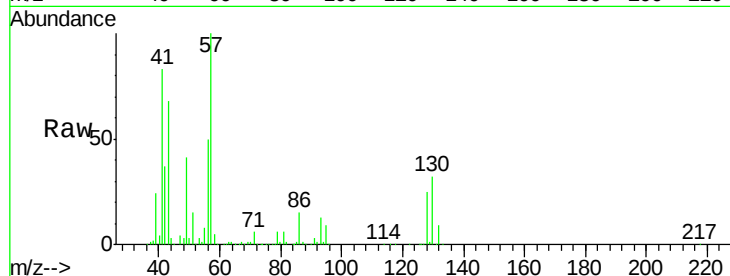
41 86.3 67.5 101.3

43 71.4 163.0 244.4#

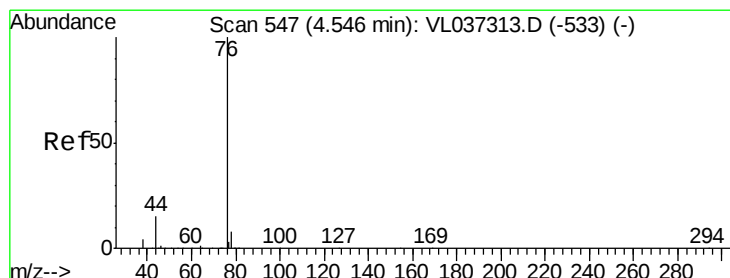
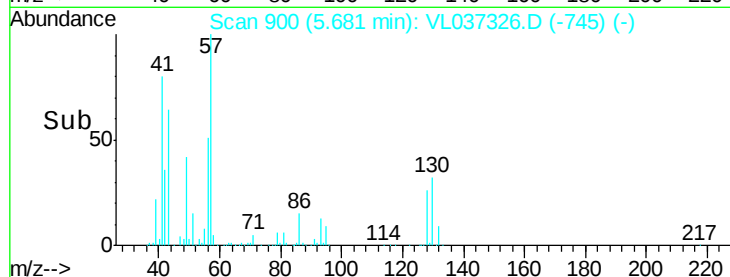
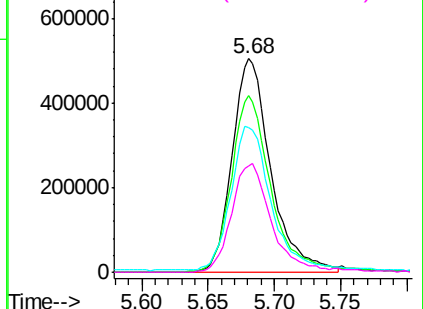
56 53.6 41.5 62.3

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Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0



#27

Carbon Disulfide

Concen: 0.239 ppbv m

RT: 4.54 min Scan# 546

Delta R.T. -0.00 min

Lab File: VL037326.D

Acq: 5 Aug 2021 3:22

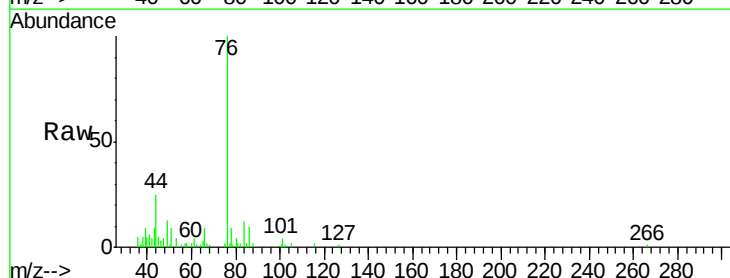
Tgt Ion: 76 Resp: 33325

Ion Ratio Lower Upper

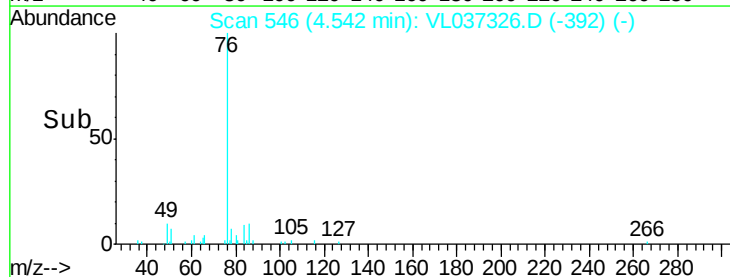
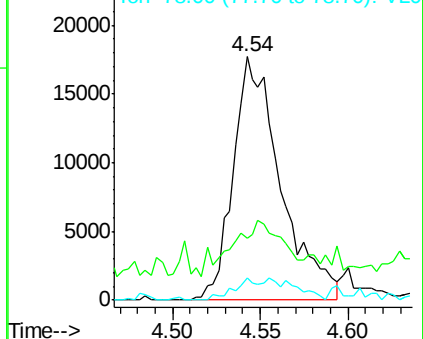
76 100

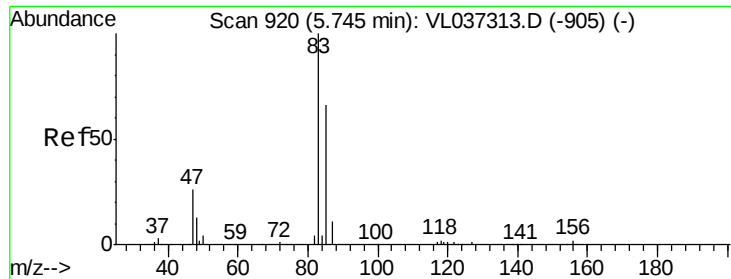
44 29.5 13.1 19.7#

78 0.0 8.0 12.0#



Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0





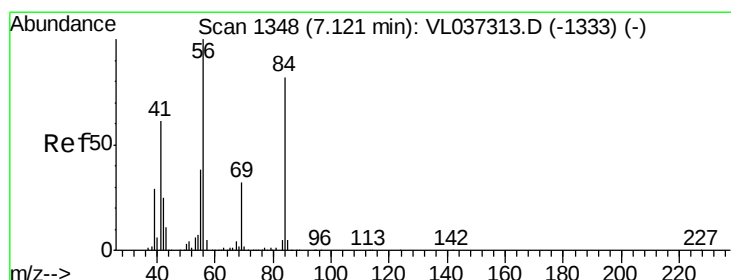
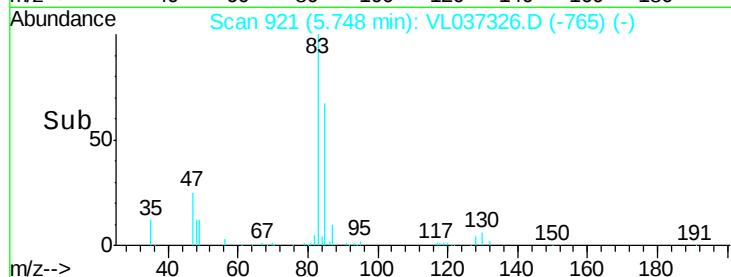
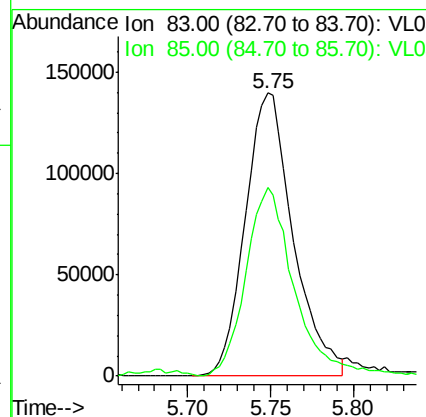
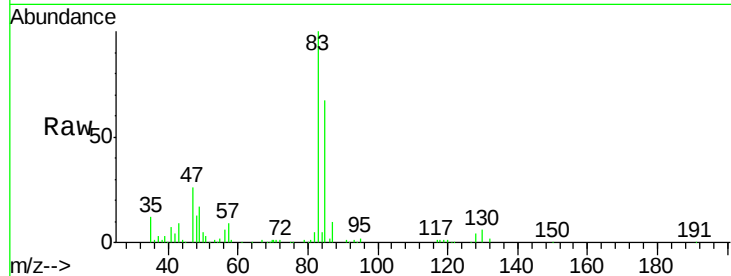
#29
Chloroform
Concen: 1.297 ppbv
RT: 5.75 min Scan# 921
Delta R.T. 0.00 min
Lab File: VL037326.D
Acq: 5 Aug 2021 3:22

Instrument :
MSVOA_L
ClientSampleId :
SVP-4

Tot Ion	83	Resp	281095
Ion Ratio	100	Lower	Upper
85	65.9	52.6	79.0

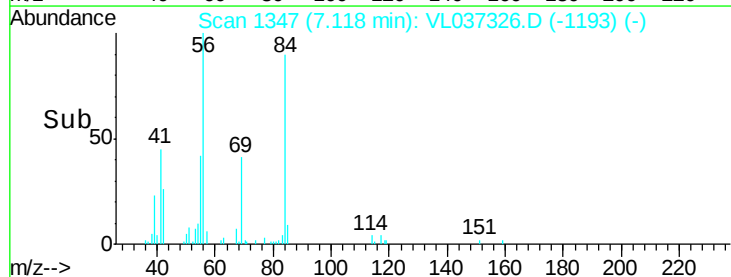
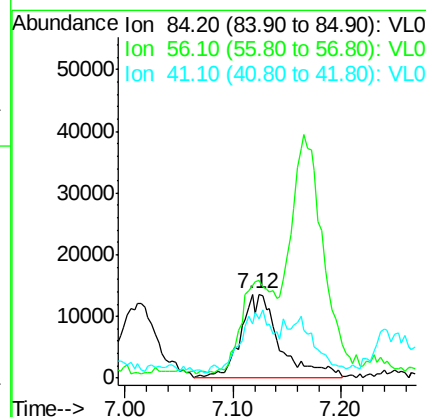
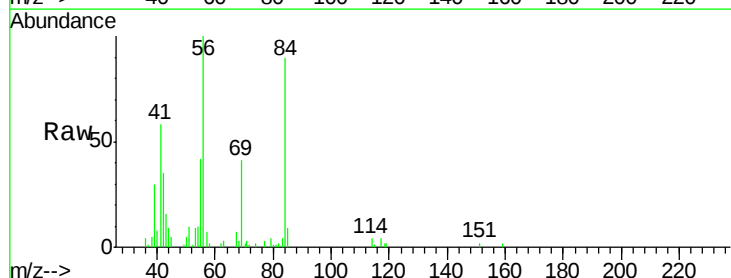
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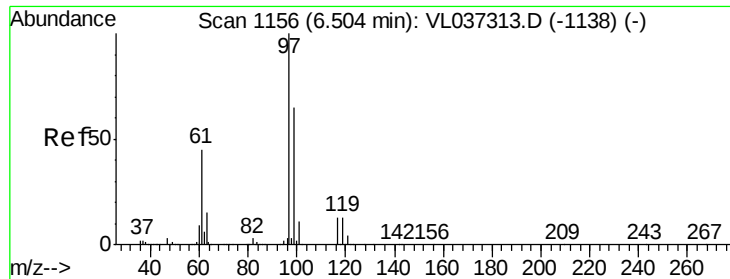
MMDadoda
8/5/2021 1:41:08 PM



#30
Cyclohexane
Concen: 0.262 ppbv m
RT: 7.12 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VL037326.D
Acq: 5 Aug 2021 3:22

Tgt Ion	84	Resp	34598
Ion Ratio	100	Lower	Upper
56	0.0	105.2	157.8#
41	56.2	61.3	91.9#





#32

1,1,1-Trichloroethane

Concen: 0.037 ppbv m

RT: 6.51 min Scan# 1158

Delta R.T. 0.01 min

Lab File: VL037326.D

Acq: 5 Aug 2021 3:22

Instrument :

MSVOA_L

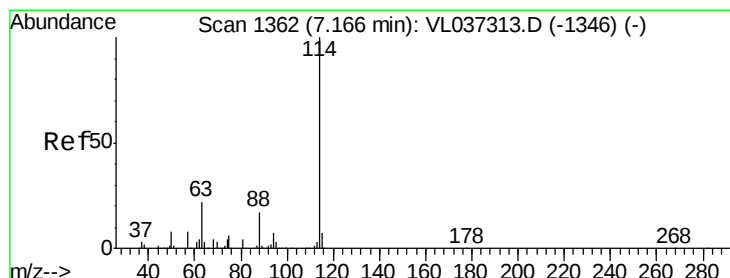
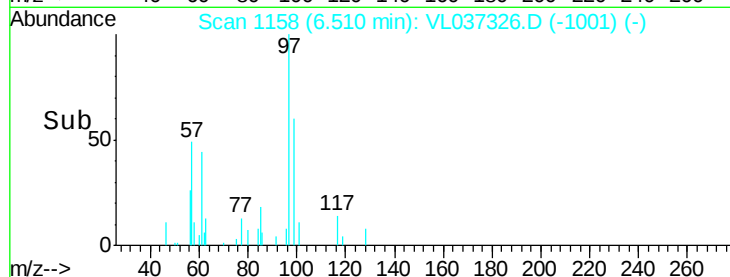
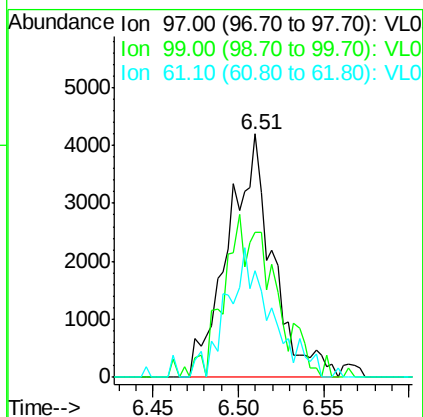
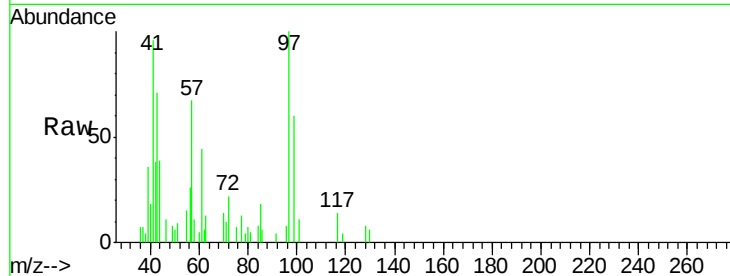
ClientSampled :

SVP-4

Tot Ion:	97	Resp:	7606
Ion Ratio	Lower	Upper	
97	100		
99	0.0	52.3	78.5#
61	0.0	37.2	55.8#

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

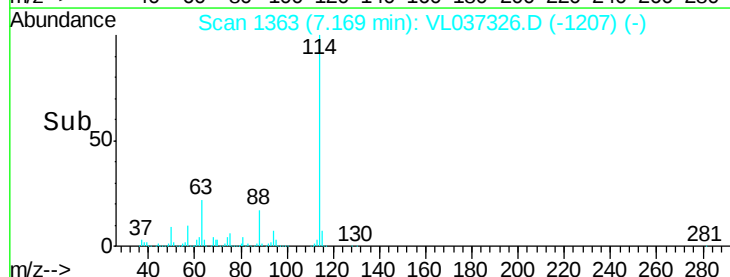
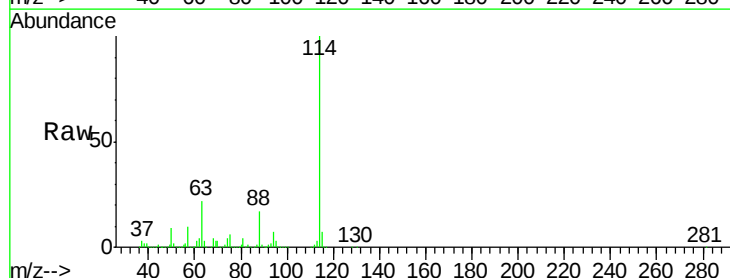
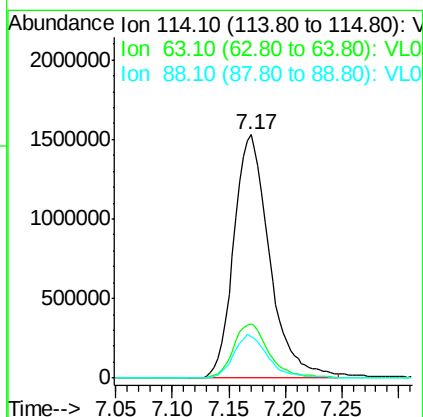
RT: 7.17 min Scan# 1363

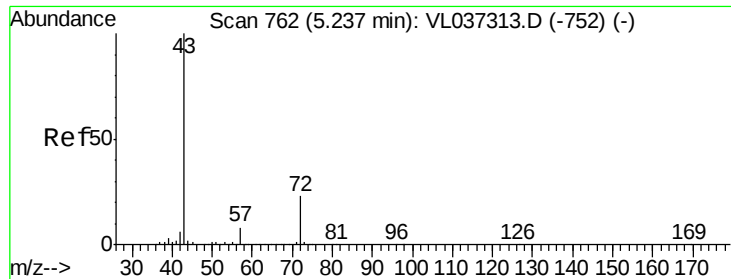
Delta R.T. 0.00 min

Lab File: VL037326.D

Acq: 5 Aug 2021 3:22

Tgt Ion:	114	Resp:	3372917
Ion Ratio	Lower	Upper	
114	100		
63	22.5	18.1	27.1
88	17.5	13.8	20.8





#34

2-Butanone

Concen: 44.807 ppbv

RT: 5.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VL037326.D

Acq: 5 Aug 2021 3:22

Instrument :

MSVOA_L

ClientSampled :

SVP-4

Tot Ion: 43 Resp: 5244338

Ion Ratio Lower Upper

43 100

72 25.6

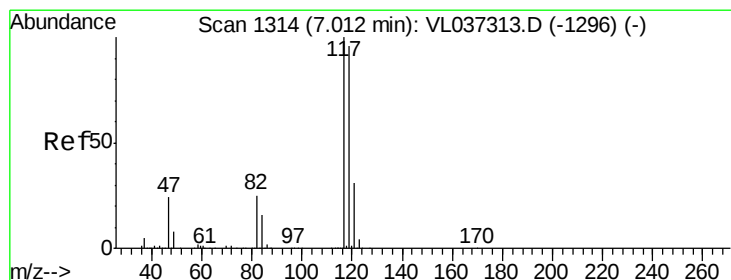
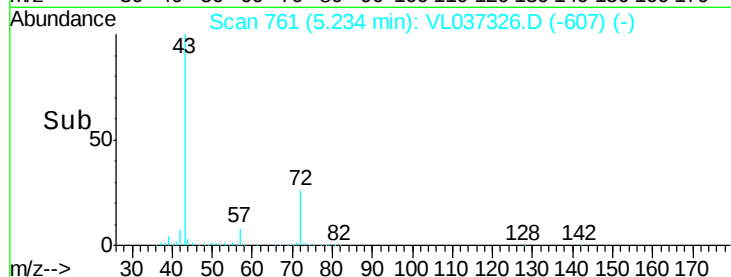
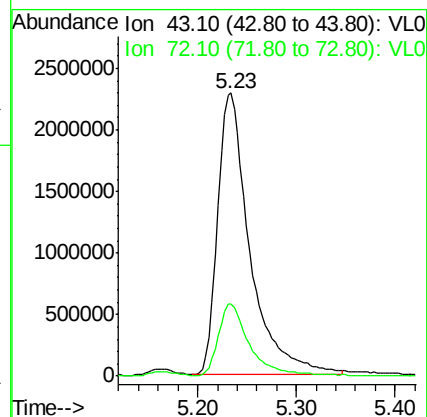
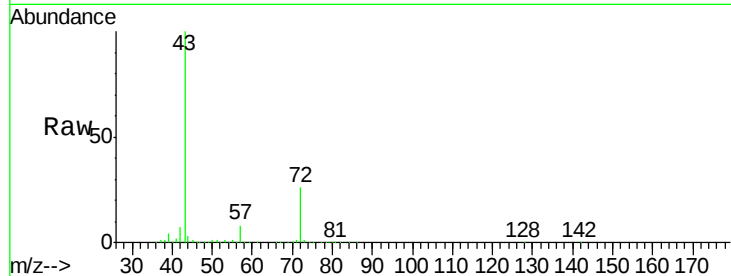
20.3

30.5

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#35

Carbon Tetrachloride

Concen: 0.823 ppbv

RT: 7.01 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VL037326.D

Acq: 5 Aug 2021 3:22

Tgt Ion: 117 Resp: 165734

Ion Ratio Lower Upper

117 100

119 95.0

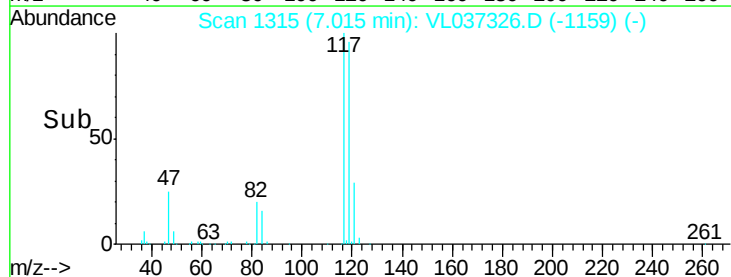
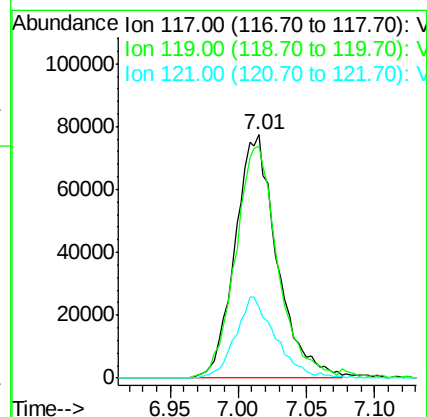
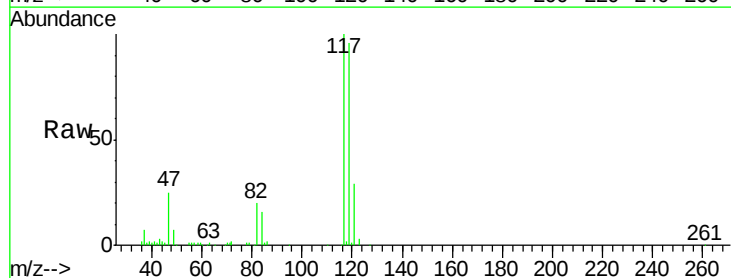
76.6

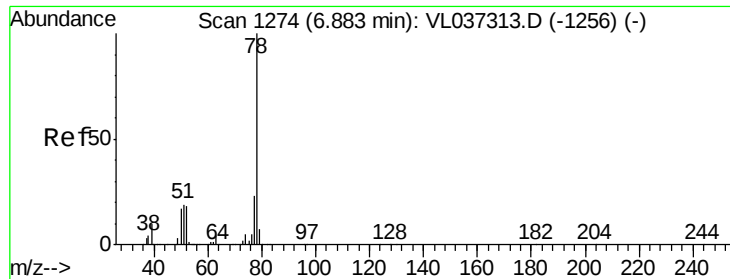
114.8

121 28.9

24.9

37.3





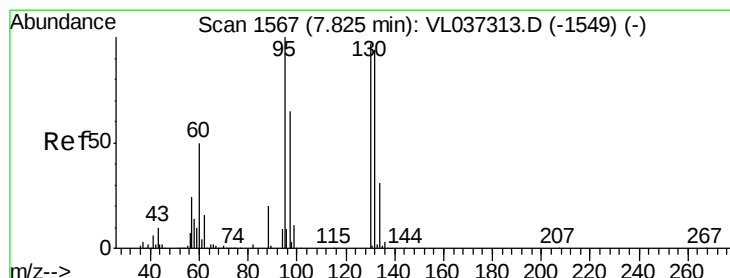
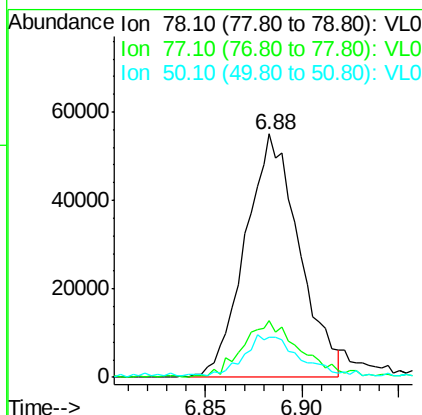
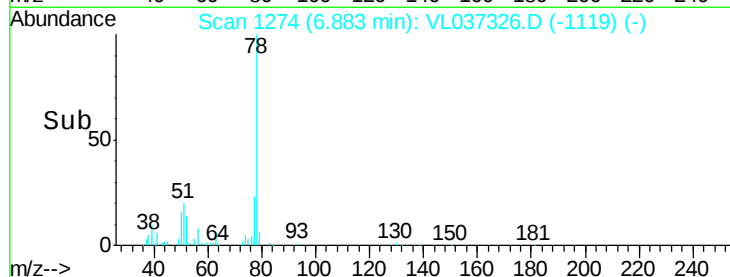
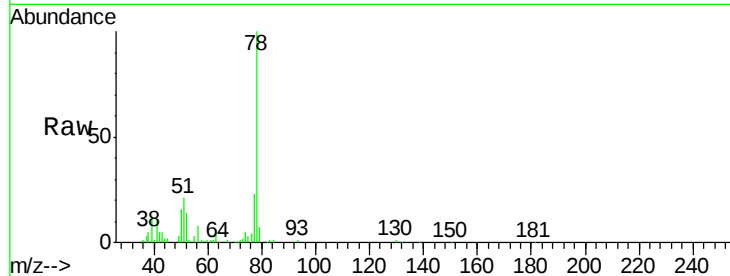
#36
Benzene
Concen: 0.350 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VL037326.D
Acq: 5 Aug 2021 3:22

Instrument :
MSVOA_L
ClientSampleId :
SVP-4

Tot Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1
50	15.1	13.7	20.5

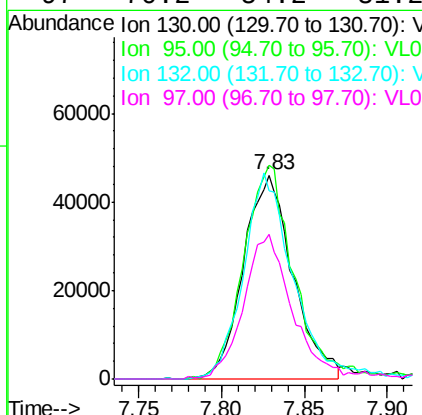
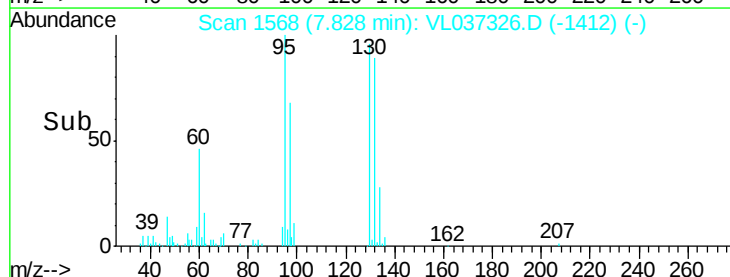
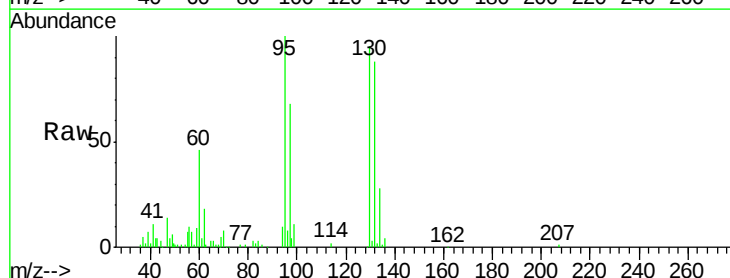
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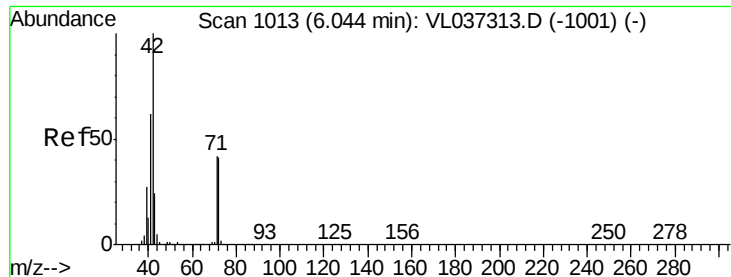
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#38
Trichloroethene
Concen: 0.721 ppbv
RT: 7.83 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VL037326.D
Acq: 5 Aug 2021 3:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.3	82.8	124.2
132	92.3	78.2	117.4
97	70.2	54.2	81.2





#41

Tetrahydrofuran

Concen: 56.683 ppbv

RT: 6.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: VL037326.D

Acq: 5 Aug 2021 3:22

Instrument :

MSVOA_L

ClientSampleId :

SVP-4

Tot Ion: 42 Resp: 3689558

Ion Ratio Lower Upper

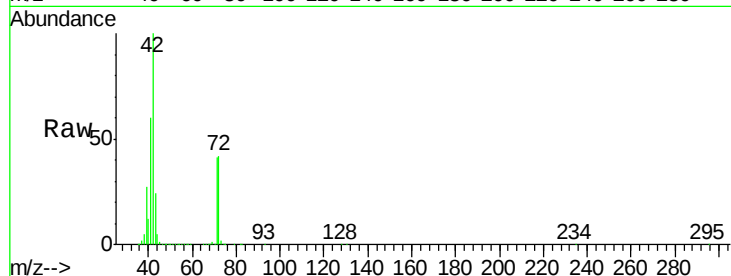
42 100

72 42.3 33.6 50.4

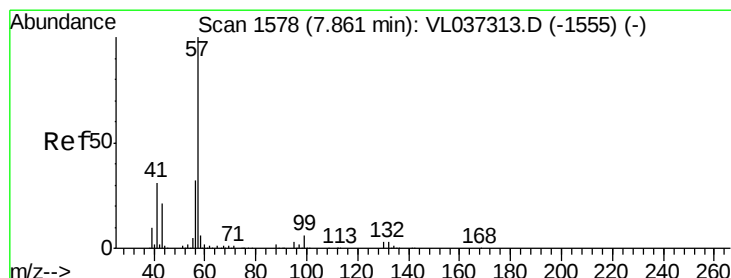
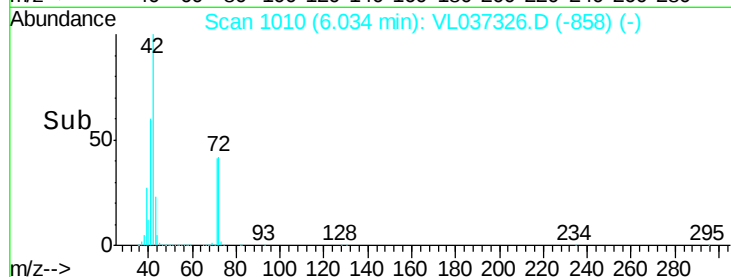
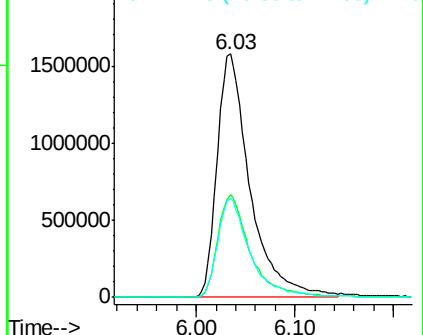
71 40.7 33.0 49.4

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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



#44

2,2,4-Trimethylpentane

Concen: 0.105 ppbv m

RT: 7.86 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VL037326.D

Acq: 5 Aug 2021 3:22

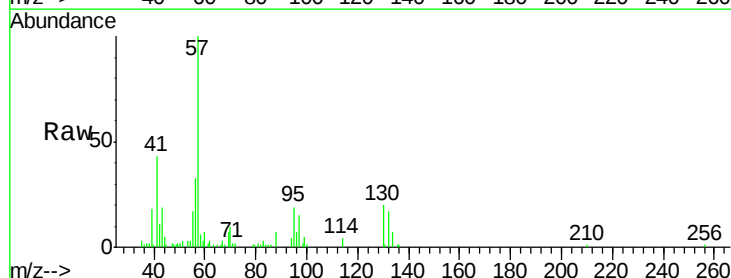
Tgt Ion: 57 Resp: 52718

Ion Ratio Lower Upper

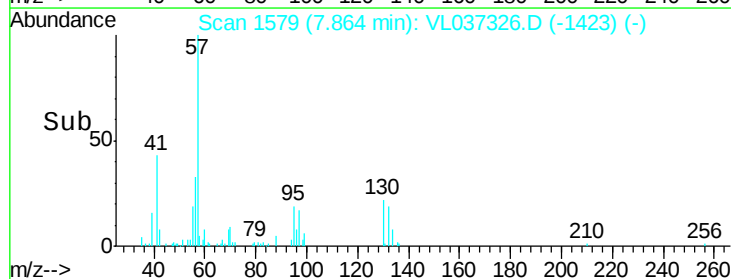
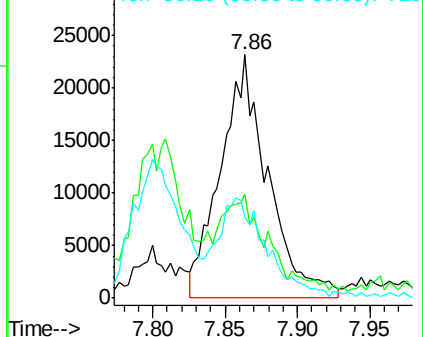
57 100

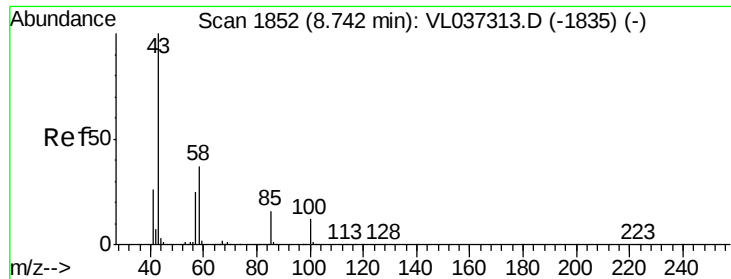
41 46.0 24.3 36.5#

56 39.4 25.0 37.6#



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





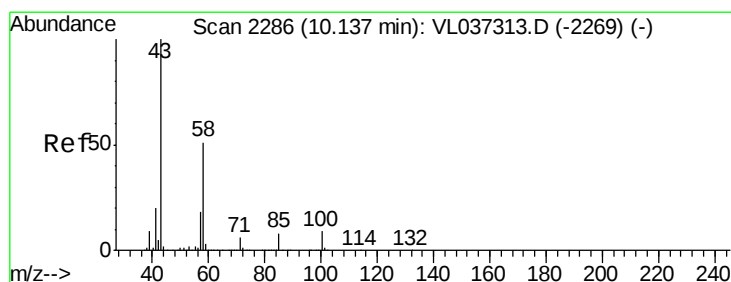
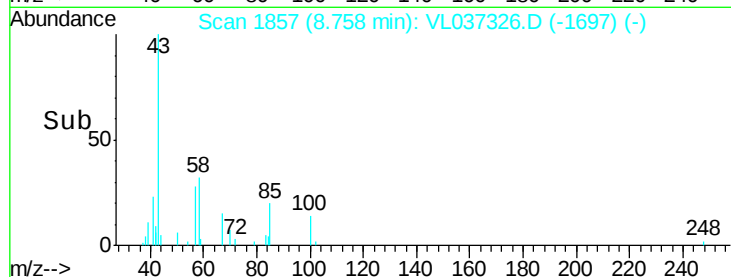
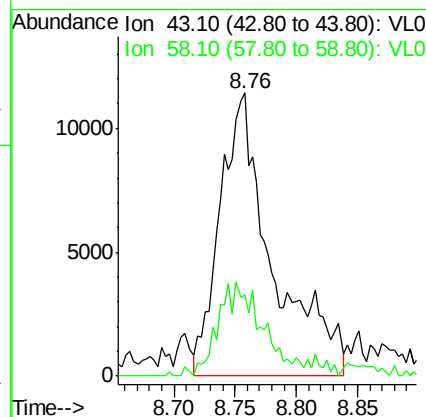
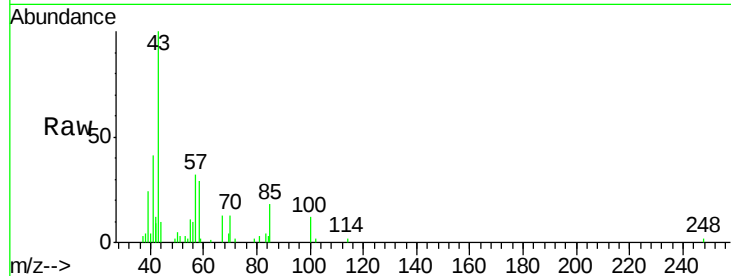
#50
4-Methyl-2-Pentanone
Concen: 0.190 ppbv m
RT: 8.76 min Scan# 1857
Delta R.T. 0.02 min
Lab File: VL037326.D
Acq: 5 Aug 2021 3:22

Instrument :
MSVOA_L
ClientSampled :
SVP-4

Tot Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.0	46.4#

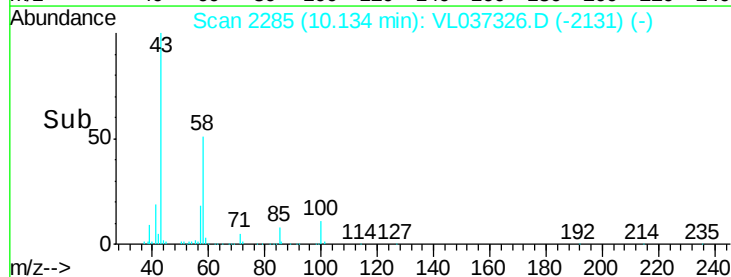
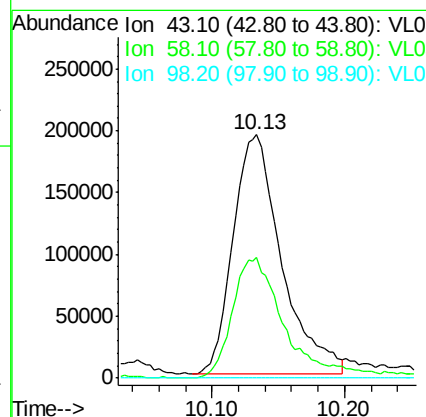
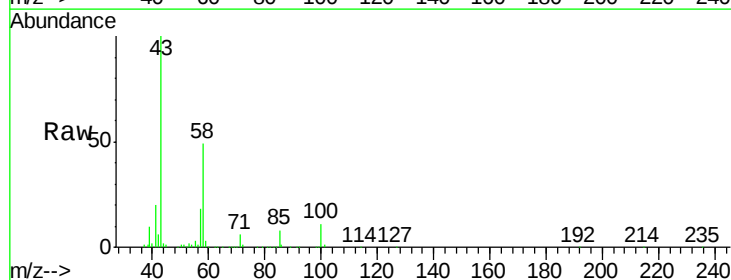
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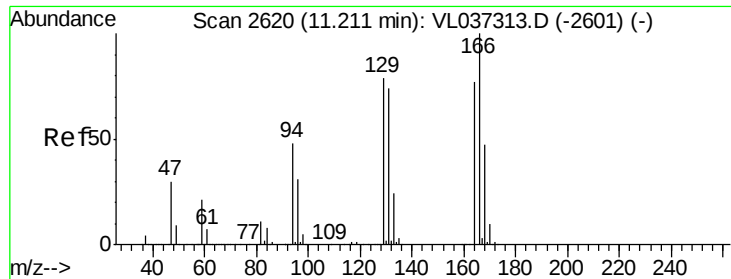
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#51
2-Hexanone
Concen: 6.022 ppbv
RT: 10.13 min Scan# 2285
Delta R.T. -0.00 min
Lab File: VL037326.D
Acq: 5 Aug 2021 3:22

Tgt Ion	Ratio	Lower	Upper
43	100		
58	54.7	40.9	61.3
98	0.2	0.1	0.1#





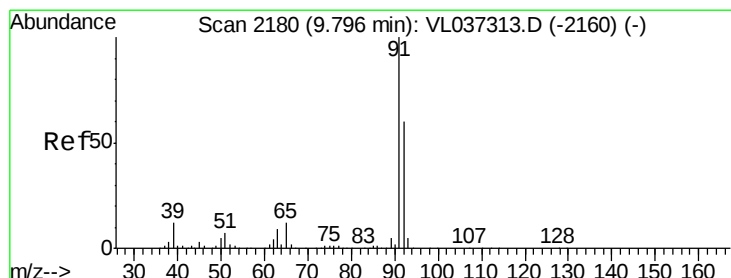
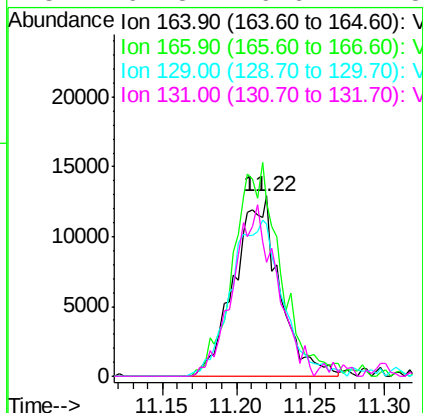
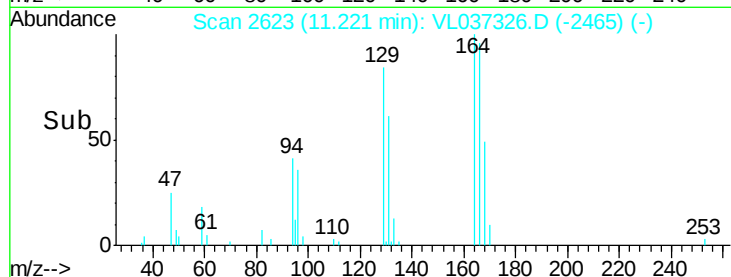
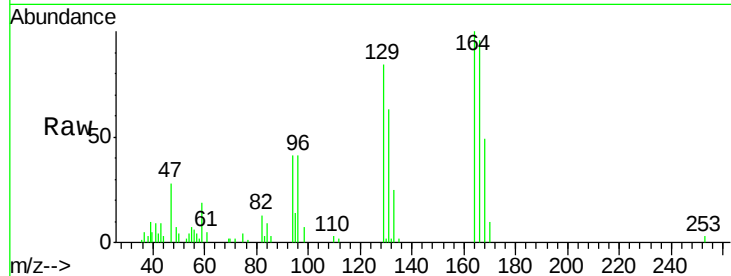
#52
Tetrachloroethene
Concen: 0.210 ppbv m
RT: 11.22 min Scan# 2623
Delta R.T. 0.01 min
Lab File: VL037326.D
Acq: 5 Aug 2021 3:22

Instrument :
MSVOA_L
ClientSampleId :
SVP-4

Tot Ion	Ratio	Lower	Upper
164	100		
166	96.3	103.4	155.2#
129	84.2	82.2	123.2
131	62.8	76.6	114.8#

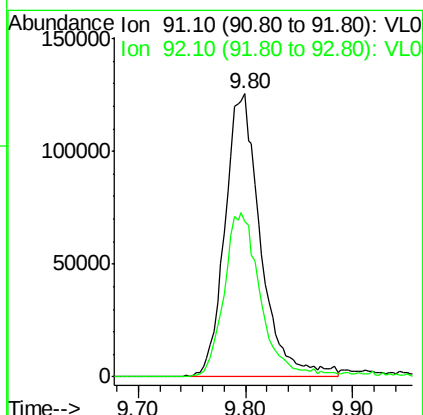
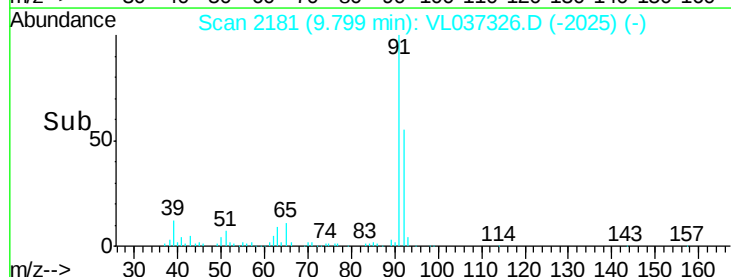
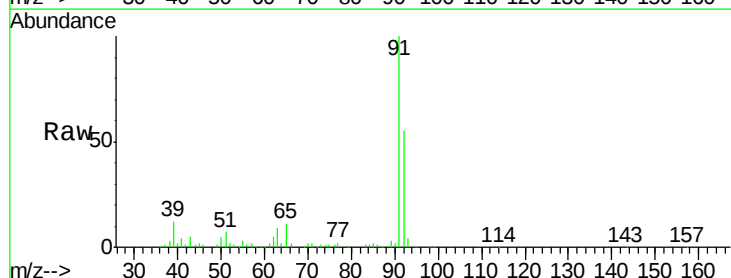
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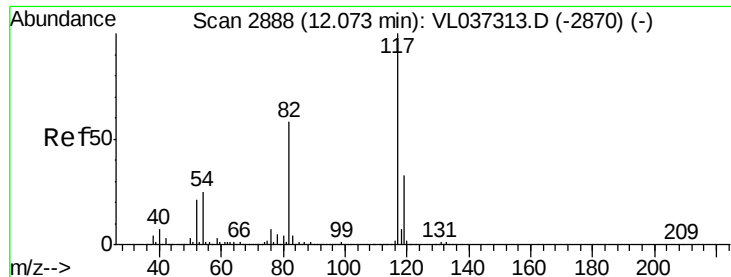
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#53
Toluene
Concen: 0.814 ppbv m
RT: 9.80 min Scan# 2181
Delta R.T. 0.00 min
Lab File: VL037326.D
Acq: 5 Aug 2021 3:22

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.3	48.8	73.2





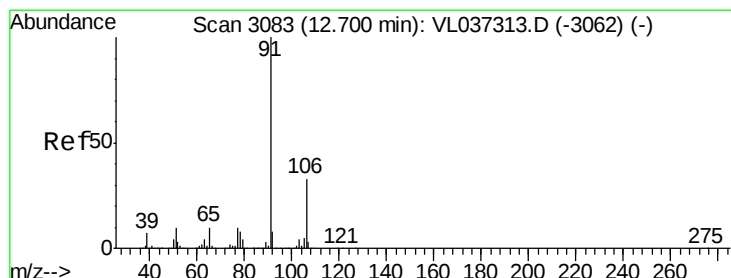
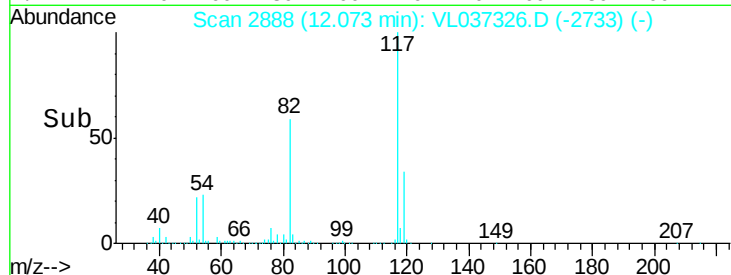
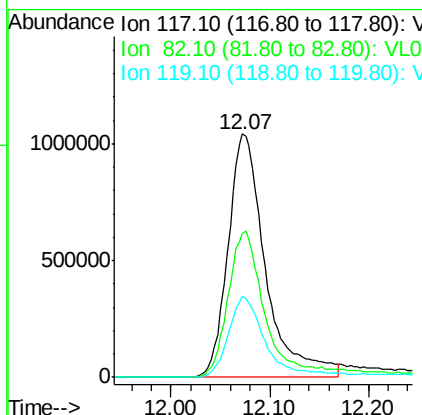
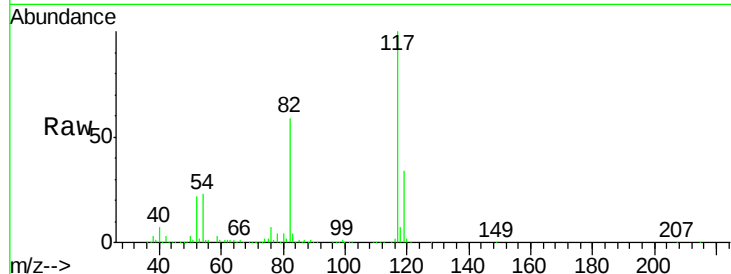
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.00 min
Lab File: VL037326.D
Acq: 5 Aug 2021 3:22

Instrument :
MSVOA_L
ClientSampled :
SVP-4

Tot Ion	Ratio	Lower	Upper
117	100		
82	66.1	50.3	75.5
119	36.4	48.2	72.2#

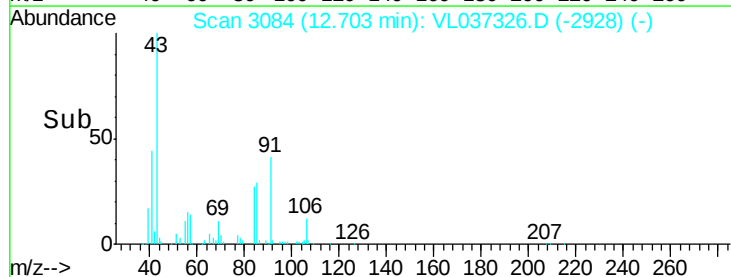
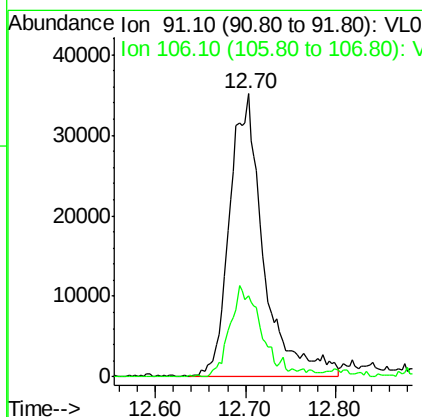
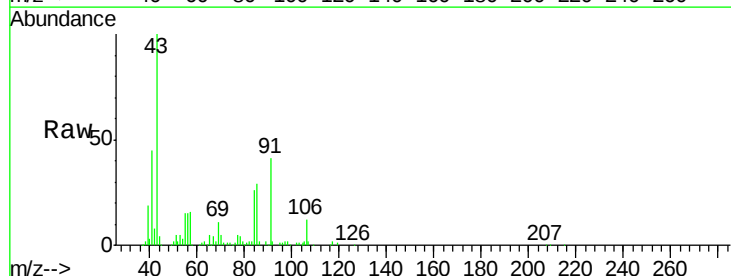
Manual Integrations
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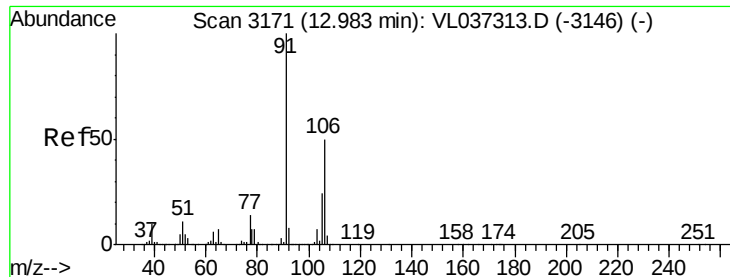
MMDadoda
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#58
Ethyl Benzene
Concen: 0.226 ppbv m
RT: 12.70 min Scan# 3084
Delta R.T. 0.00 min
Lab File: VL037326.D
Acq: 5 Aug 2021 3:22

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.7	26.2	39.2





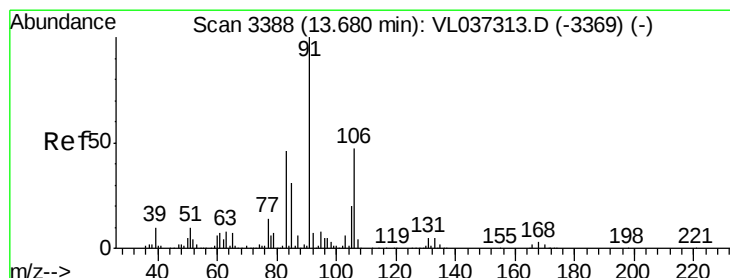
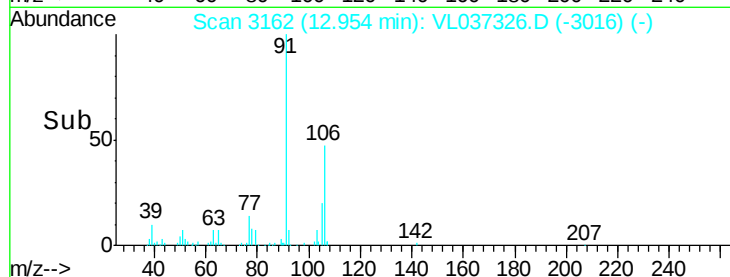
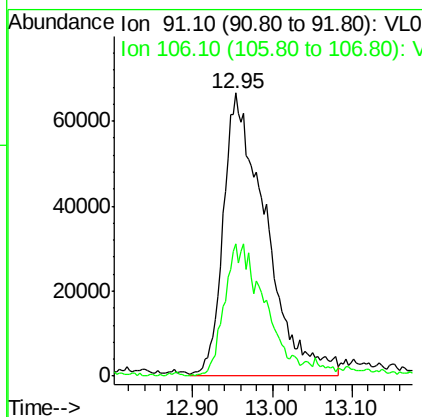
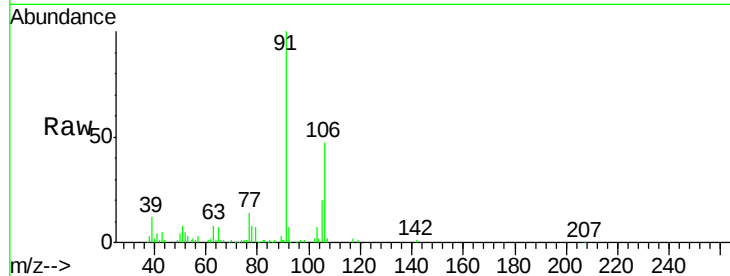
#59
m/p-Xylene
Concen: 0.720 ppbv m
RT: 12.95 min Scan# 3162
Delta R.T. -0.03 min
Lab File: VL037326.D
Acq: 5 Aug 2021 3:22

Instrument :
MSVOA_L
ClientSampled :
SVP-4

Tot Ion: 91 Resp: 246942
Ion Ratio Lower Upper
91 100
106 46.3 37.8 56.8

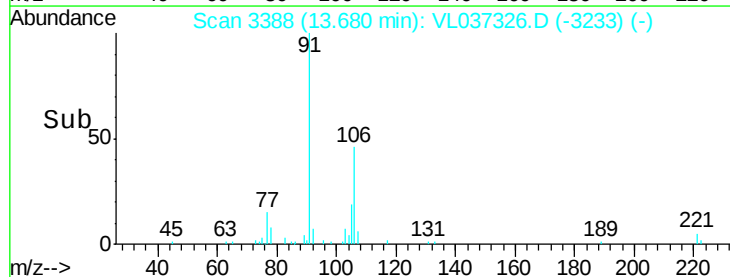
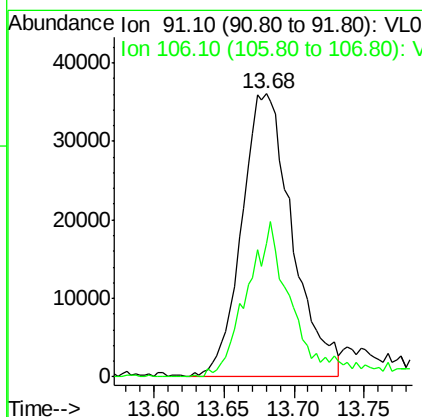
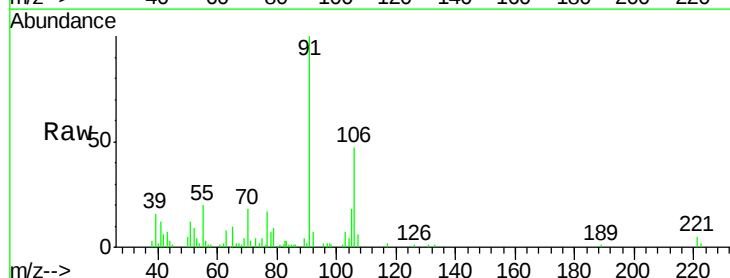
Manual Integrations
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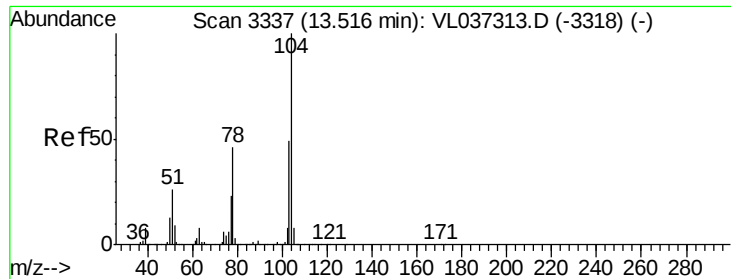
MMDadoda
8/5/2021 1:41:08 PM



#60
o-Xylene
Concen: 0.290 ppbv m
RT: 13.68 min Scan# 3388
Delta R.T. -0.00 min
Lab File: VL037326.D
Acq: 5 Aug 2021 3:22

Tgt Ion: 91 Resp: 90474
Ion Ratio Lower Upper
91 100
106 48.9 26.3 78.8





#61

Stvrene

Concen: 0.101 ppbv m

RT: 13.52 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VL037326.D

Acq: 5 Aug 2021 3:22

Instrument :

MSVOA_L

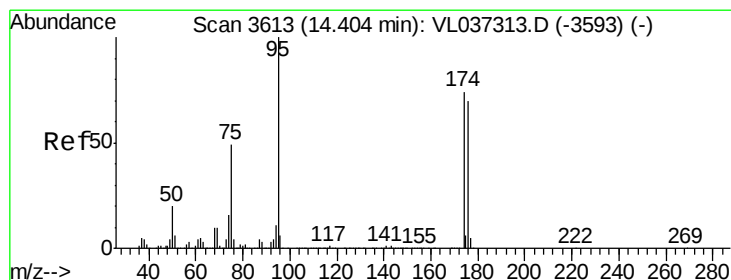
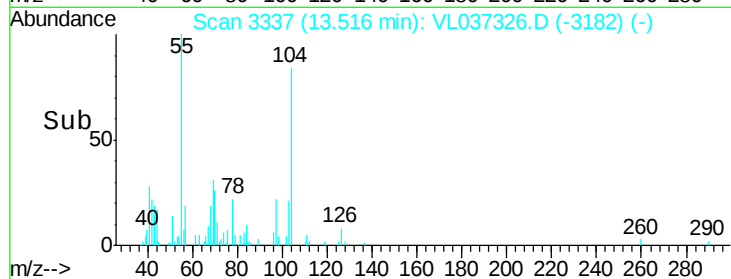
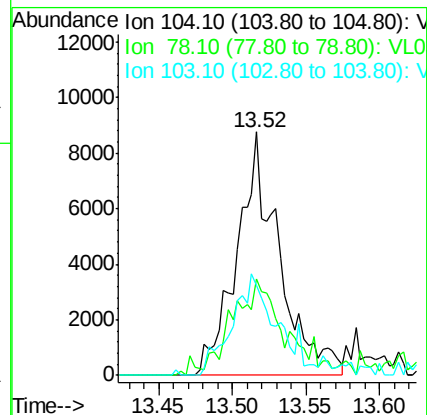
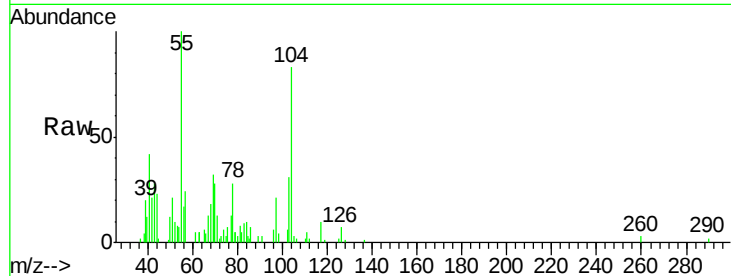
ClientSampled :

SVP-4

Tot Ion:	104	Resp:	17323
Ion Ratio	Lower	Upper	
104	100		
78	51.7	39.3	58.9
103	47.6	40.6	60.8

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.486 ppbv

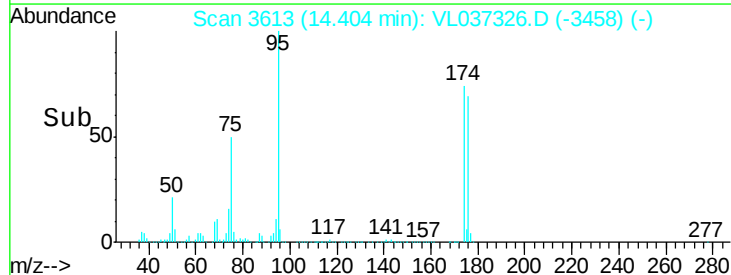
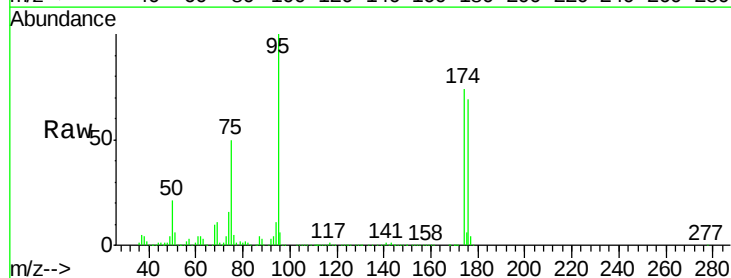
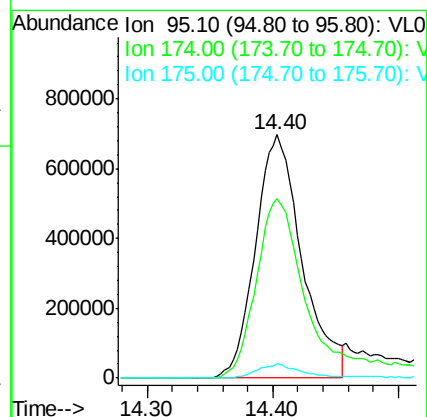
RT: 14.40 min Scan# 3613

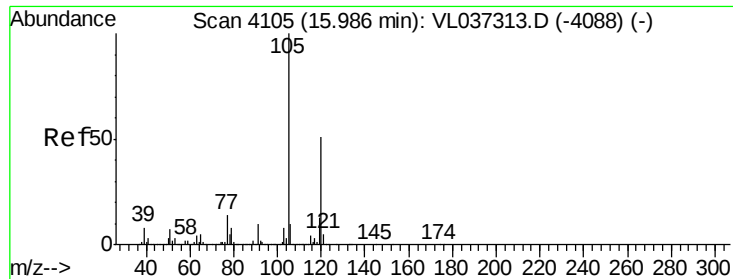
Delta R.T. -0.00 min

Lab File: VL037326.D

Acq: 5 Aug 2021 3:22

Tgt Ion:	95	Resp:	1796646
Ion Ratio	Lower	Upper	
95	100		
174	88.6	66.9	100.3
175	5.6	5.1	7.7





#73

1,3,5-Trimethylbenzene

Concen: 0.113 ppbv

RT: 15.99 min Scan# 4106

Delta R.T. 0.00 min

Lab File: VL037326.D

Acq: 5 Aug 2021 3:22

Instrument :

MSVOA_L

ClientSampled :

SVP-4

Tot Ion:105 Resp: 38199

Ion Ratio Lower Upper

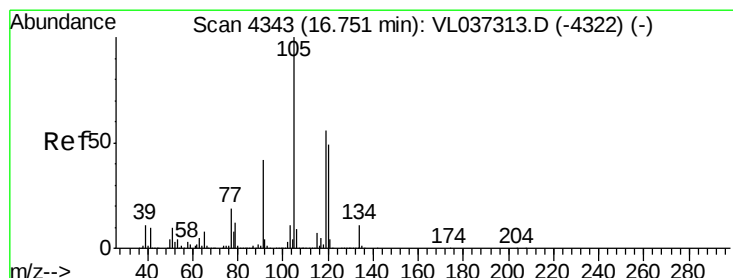
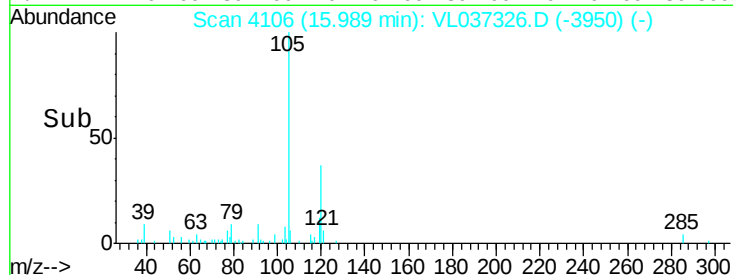
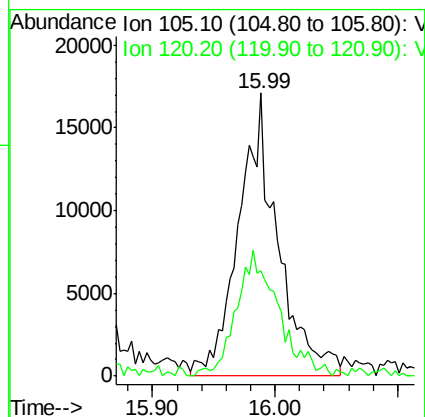
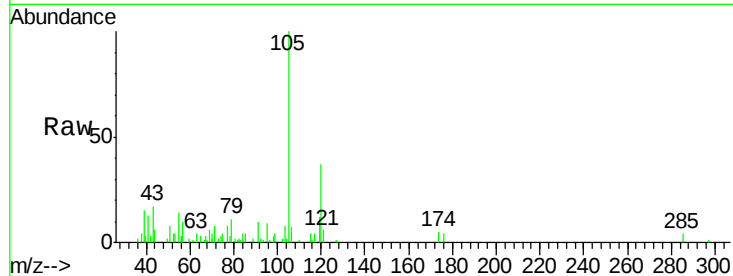
105 100

120 37.2 40.4 60.6#

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#74

1,2,4-Trimethylbenzene

Concen: 0.307 ppbv

RT: 16.74 min Scan# 4341

Delta R.T. -0.01 min

Lab File: VL037326.D

Acq: 5 Aug 2021 3:22

Tgt Ion:105 Resp: 111007

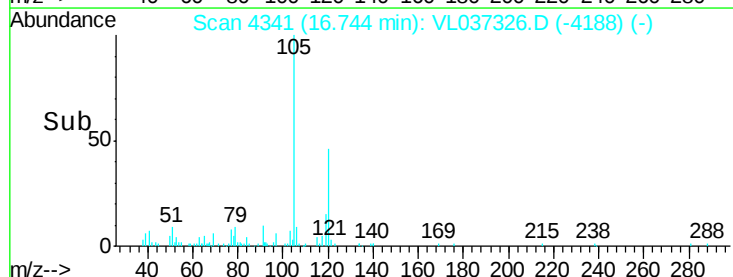
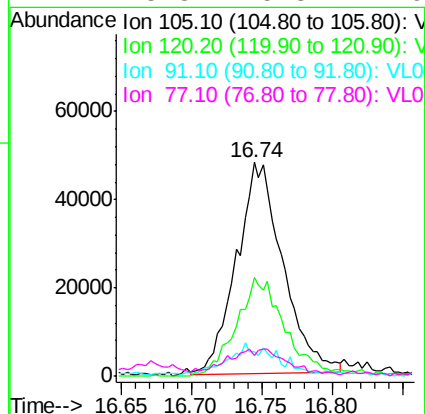
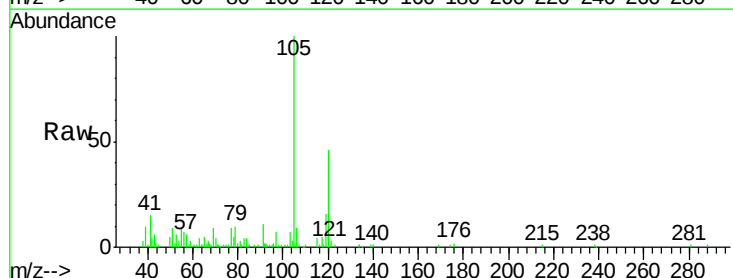
Ion Ratio Lower Upper

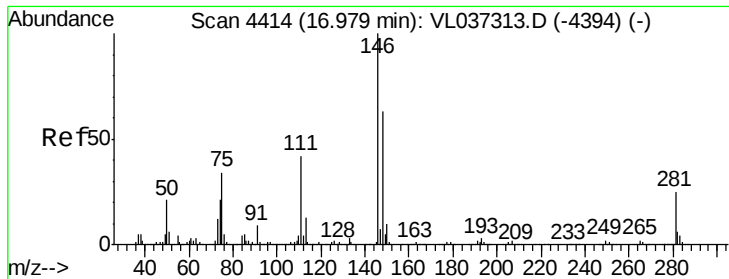
105 100

120 46.9 39.6 59.4

91 10.3 34.5 51.7#

77 8.8 15.3 22.9#





#75

1,3-Dichlorobenzene

Concen: 0.463 ppbv m

RT: 16.98 min Scan# 4415

Delta R.T. 0.00 min

Lab File: VL037326.D

Acq: 5 Aug 2021 3:22

Instrument :

MSVOA_L

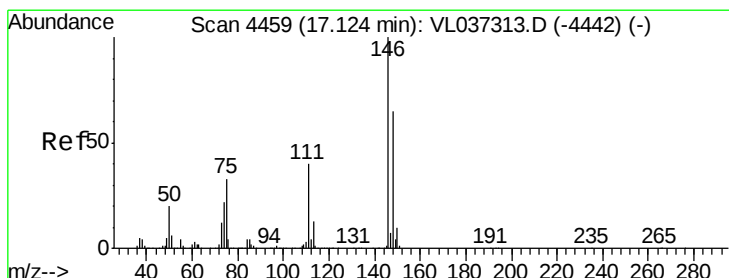
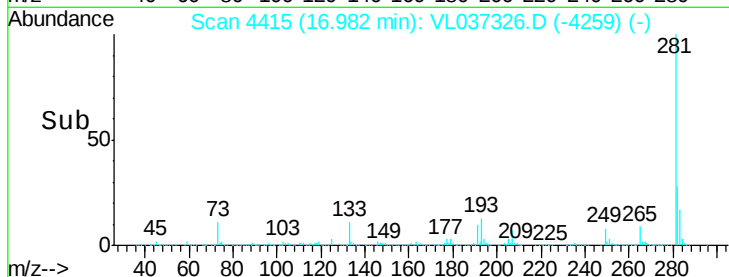
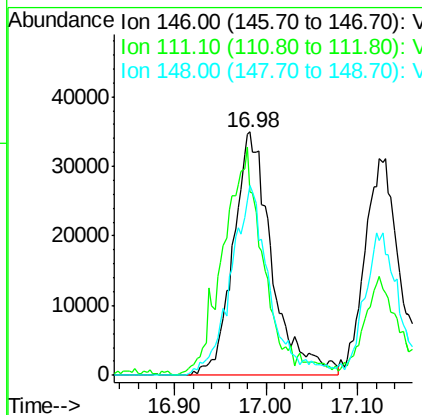
ClientSampleId :

SVP-4

Tot Ion	Ratio	Lower	Upper
146	100		
111	98.7	21.4	64.3#
148	77.5	32.6	97.7

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#76

1,4-Dichlorobenzene

Concen: 0.401 ppbv m

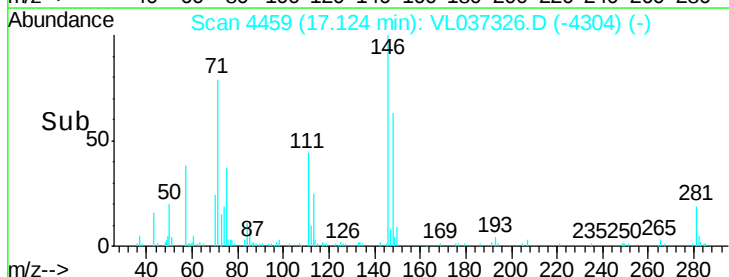
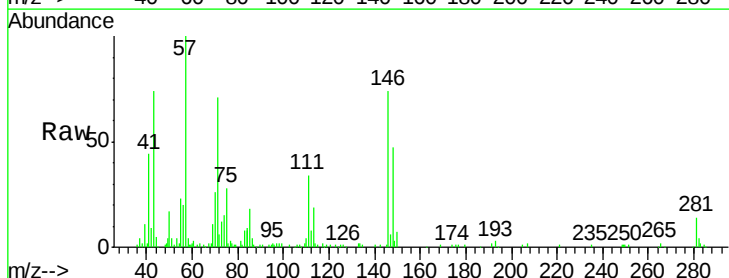
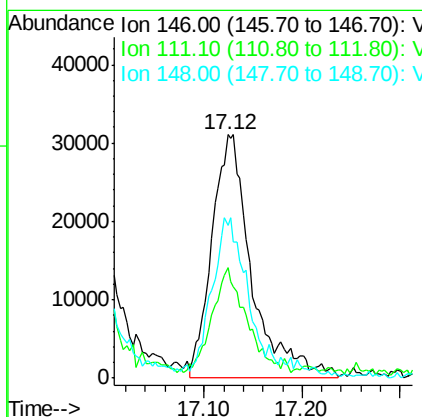
RT: 17.12 min Scan# 4459

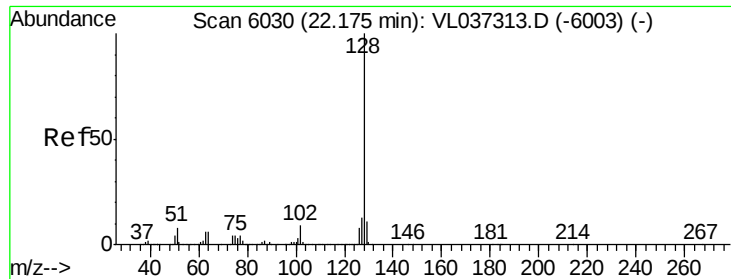
Delta R.T. -0.00 min

Lab File: VL037326.D

Acq: 5 Aug 2021 3:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.1	21.0	63.0
148	64.0	33.5	100.4





#79

Naphthalene

Concen: 0.123 ppbv m

RT: 22.19 min Scan# 6034

Delta R.T. 0.01 min

Lab File: VL037326.D

Acq: 5 Aug 2021 3:22

Instrument :

MSVOA_L

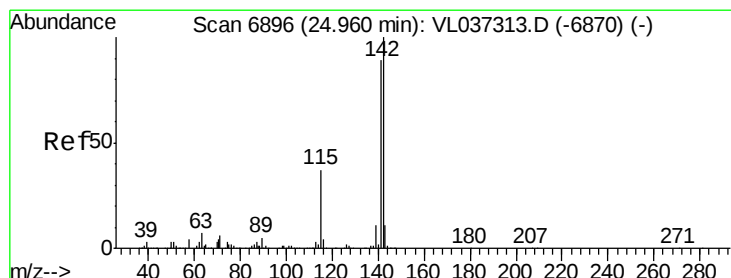
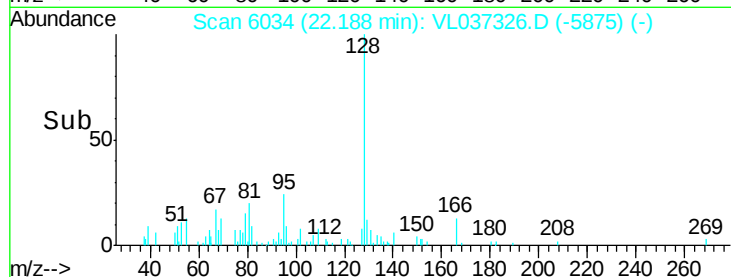
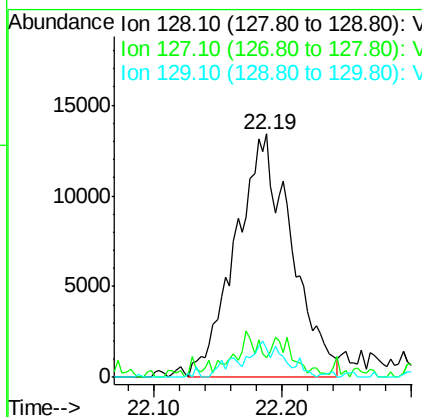
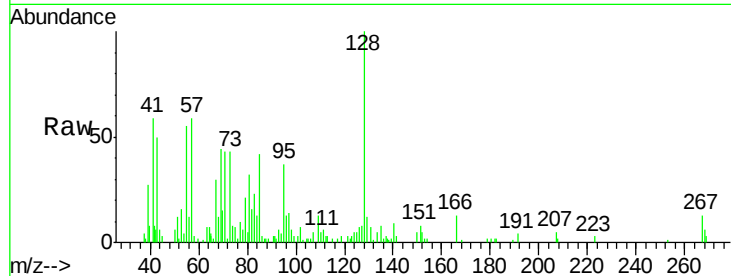
ClientSampled :

SVP-4

Tot Ion:	128	Resp:	40721
Ion Ratio	Lower	Upper	
128	100		
127	8.1	10.3	15.5#
129	11.6	8.6	12.8

Manual Integrations
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#80

Naphthalene, 2-methyl-

Concen: 0.128 ppbv

RT: 24.95 min Scan# 6894

Delta R.T. -0.01 min

Lab File: VL037326.D

Acq: 5 Aug 2021 3:22

Tgt Ion:	142	Resp:	6909
Ion Ratio	Lower	Upper	
142	100		
141	89.1	67.2	100.8
115	84.9	27.9	41.9#

