

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040821\
 Data File : VL036759.D
 Acq On : 8 Apr 2021 20:36
 Operator : SY/AP
 Sample : M1981-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 11:47:25 AM

Quant Time: Apr 10 21:29:40 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 2

QLast Update : Thu Mar 25 09:42:40 2021

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1258377	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3254482	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2561647	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2987979	14.64	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	146.40%#

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.04	85	31497	0.153	ppbv	94
3) Chlorodifluoromethane	2.98	51	111023	0.472	ppbv #	76
4) Chloromethane	3.13	50	39450	0.475	ppbv #	88
5) Vinyl Chloride	3.25	62	1130969	13.245	ppbv	99
9) Propene	3.00	41	1900261	25.353	ppbv	92
10) Heptane	8.12	43	1121148	5.872	ppbv	100
11) Trichlorofluoromethane	3.94	101	34908	0.167	ppbv	98
13) Ethanol	3.61	45	758302	84.958	ppbv	91
15) Acetone	3.84	43	5945352	48.003	ppbv	98
19) Isopropyl Alcohol	3.98	45	289522	4.249	ppbv #	1
20) Methylene Chloride	4.34	84	2602548	44.880	ppbv	91
22) trans-1,2-Dichloroethene	4.88	96	335142	6.077	ppbv	95
24) 1,1-Dichloroethane	5.01	63	30347m	0.197	ppbv	
26) Hexane	5.68	57	3193075	23.368	ppbv #	47
27) Carbon Disulfide	4.54	76	940640	6.988	ppbv	98
30) Cyclohexane	7.13	84	406798	3.671	ppbv	86
31) cis-1,2-Dichloroethene	5.55	61	4213577	31.881	ppbv	96
32) 1,1,1-Trichloroethane	6.51	97	23524m	0.107	ppbv	
34) 2-Butanone	5.24	43	679390	4.277	ppbv	98
35) Carbon Tetrachloride	7.01	117	18910m	0.076	ppbv	
36) Benzene	6.89	78	2562273	8.537	ppbv	99
38) Trichloroethene	7.83	130	4599733	39.378	ppbv	96
44) 2,2,4-Trimethylpentane	7.87	57	7913088	14.979	ppbv #	80
52) Tetrachloroethene	11.23	164	52420m	0.474	ppbv	
53) Toluene	9.80	91	1740611	5.446	ppbv	99
58) Ethyl Benzene	12.72	91	2310206	6.199	ppbv	98
59) m/p-Xylene	12.98	91	3273504	10.070	ppbv	97
60) o-Xylene	13.70	91	2853914	9.080	ppbv	99
61) Styrene	13.54	104	55894	0.353	ppbv #	61
62) Isopropylbenzene	14.67	105	658171	1.555	ppbv	100
64) n-propylbenzene	15.58	120	124890	1.207	ppbv #	55
67) sec-Butylbenzene	17.32	105	486942	0.940	ppbv	100
69) p-Isopropyltoluene	17.67	119	698842	1.727	ppbv	96
70) n-Butylbenzene	18.58	91	589608m	1.406	ppbv	
72) 4-Ethyltoluene	15.85	105	954972m	2.773	ppbv	
73) 1,3,5-Trimethylbenzene	16.02	105	1505982	4.685	ppbv	99
74) 1,2,4-Trimethylbenzene	16.78	105	1971728	5.732	ppbv #	71
79) Naphthalene	22.20	128	169073	0.842	ppbv #	94

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

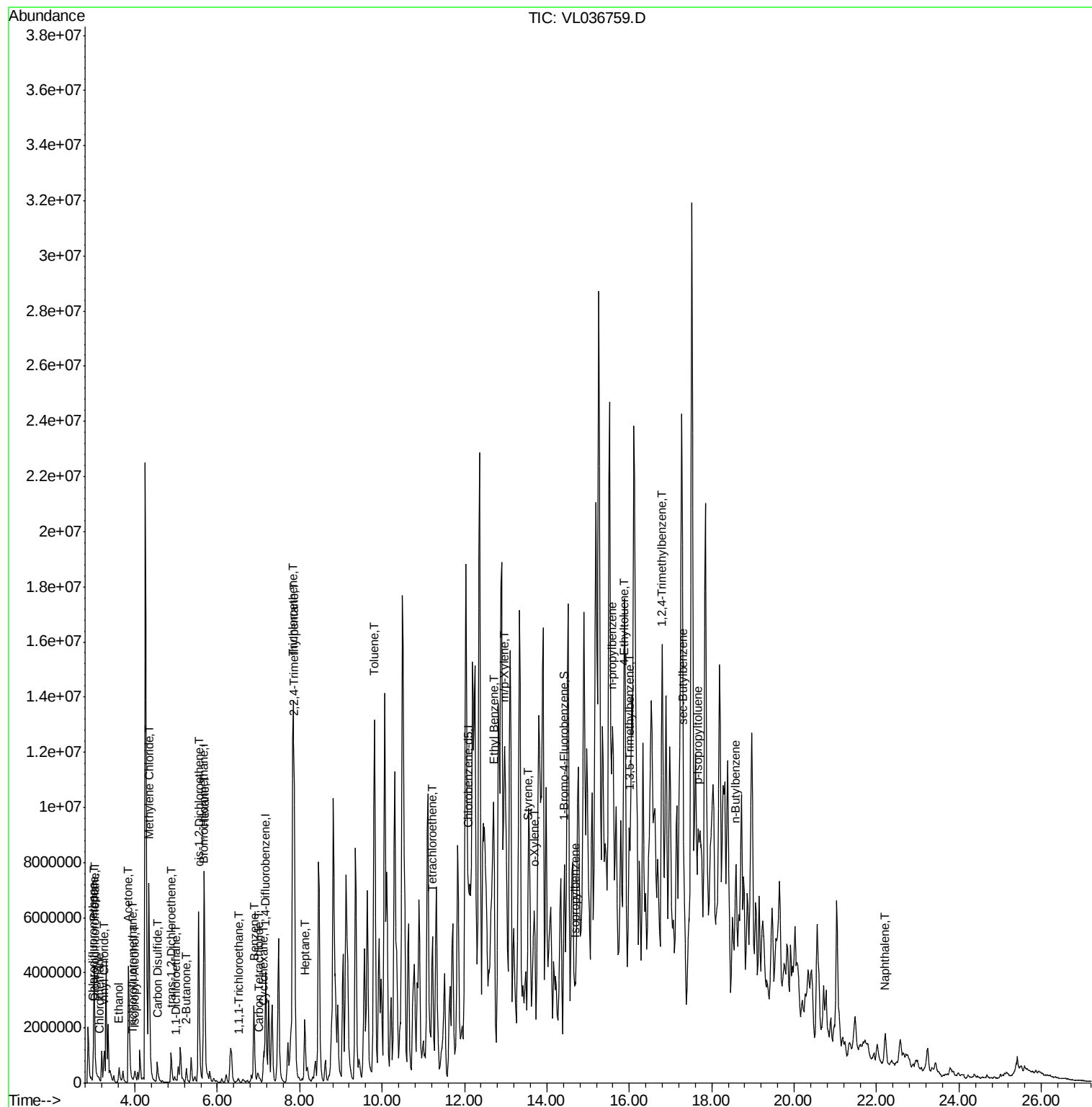
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040821\
Data File : VL036759.D
Acq On : 8 Apr 2021 20:36
Operator : SY/AP
Sample : M1981-01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

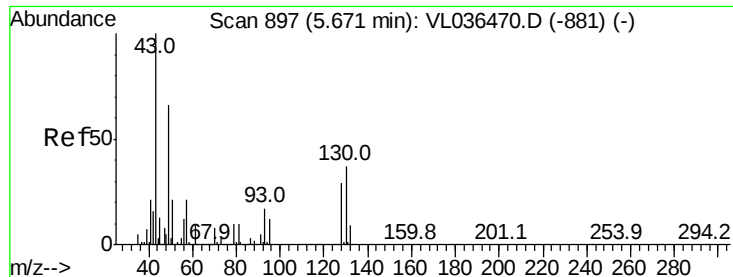
Instrument :
MSVOA_L
ClientSampled :
SG-3

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Quant Time: Apr 10 21:29:40 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.01 min

Lab File: VL036759.D

Acq: 8 Apr 2021 20:36

Instrument :

MSVOA_L

ClientSampled :

SG-3

Tot Ion: 49 Resp: 1258377

Ion Ratio Lower Upper

49 100

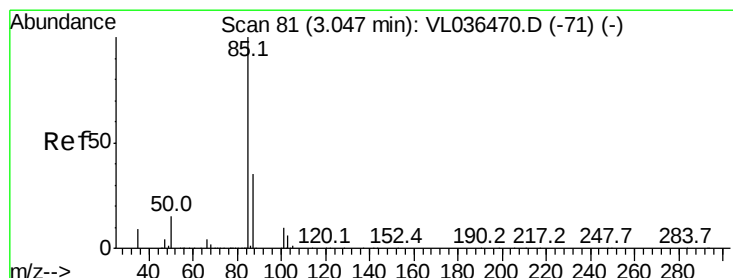
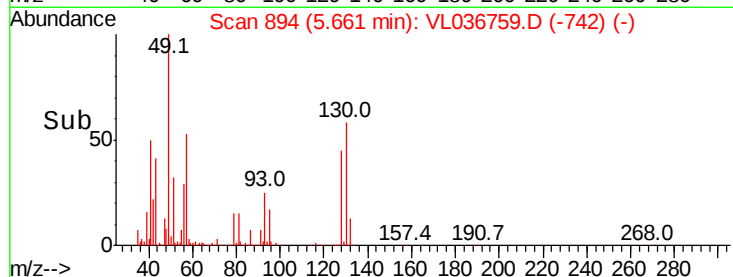
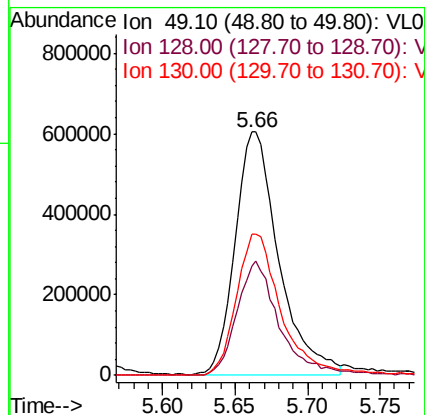
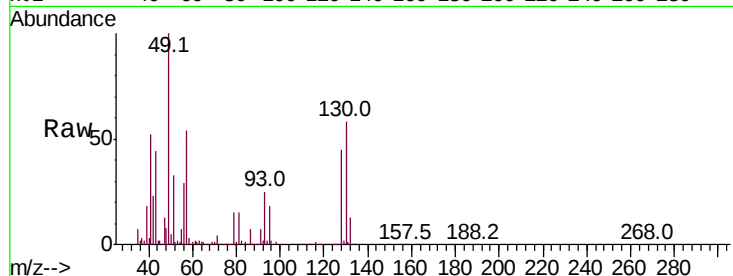
128 46.5 23.5 70.6

130 60.8 29.1 87.4

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#2

Dichlorodifluoromethane

Concen: 0.153 ppbv

RT: 3.04 min Scan# 79

Delta R.T. -0.01 min

Lab File: VL036759.D

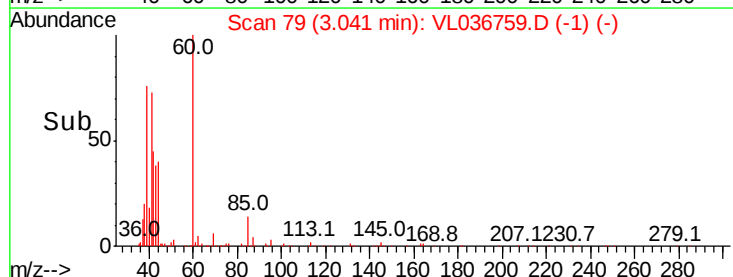
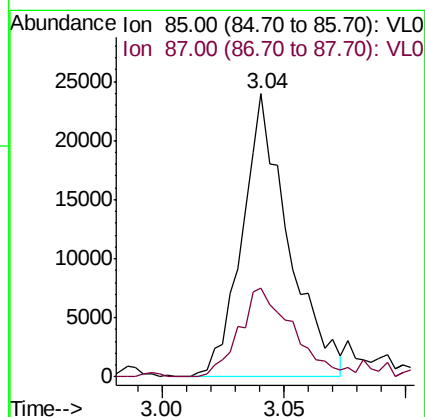
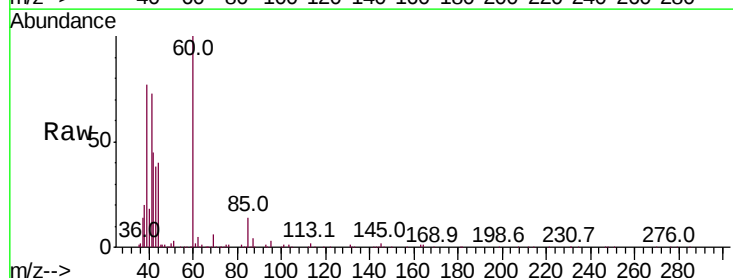
Acq: 8 Apr 2021 20:36

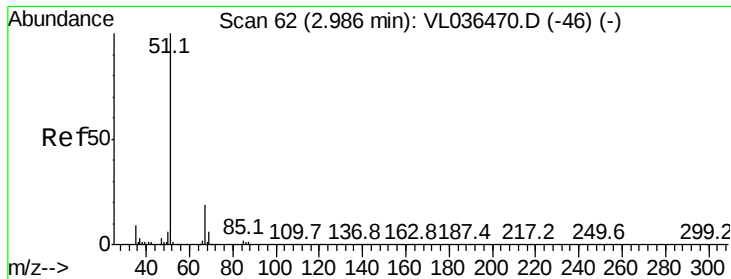
Tgt Ion: 85 Resp: 31497

Ion Ratio Lower Upper

85 100

87 31.3 27.8 41.8





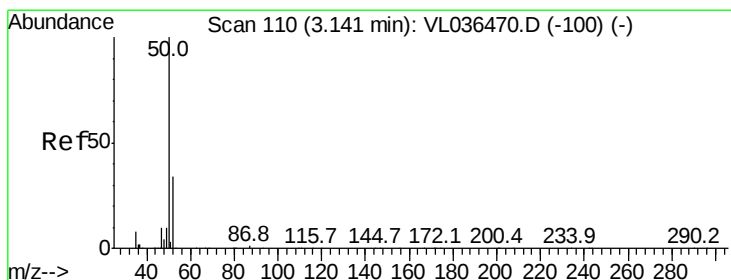
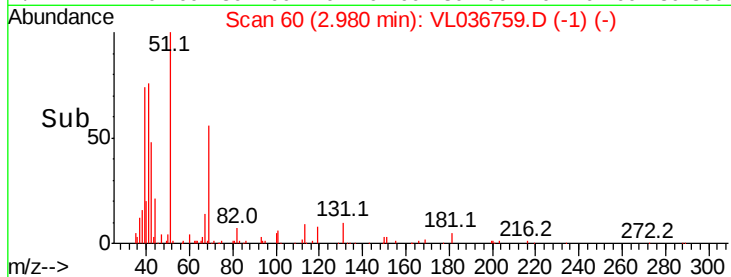
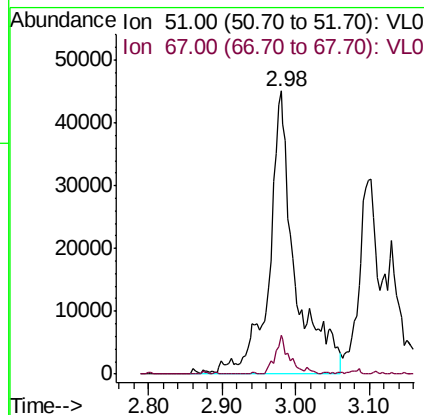
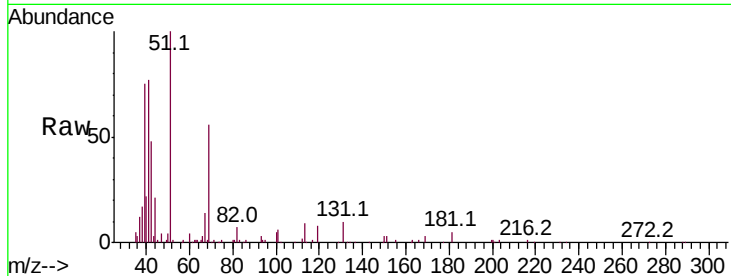
#3
Chlorodifluoromethane
Concen: 0.472 ppbv
RT: 2.98 min Scan# 60
Delta R.T. -0.01 min
Lab File: VL036759.D
Acq: 8 Apr 2021 20:36

Instrument :
MSVOA_L
ClientSampled :
SG-3

Tot Ion: 51 Resp: 111023
Ion Ratio Lower Upper
51 100
67 7.8 14.7 22.1#

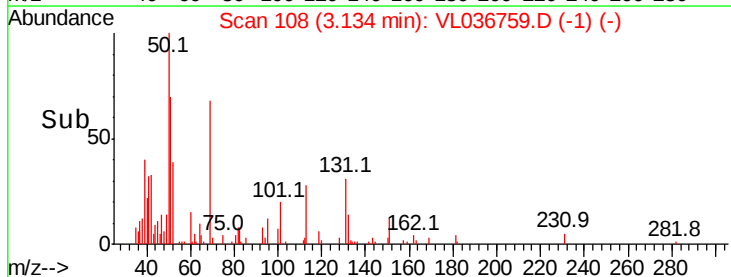
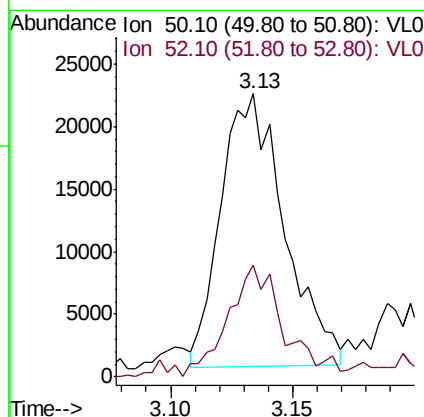
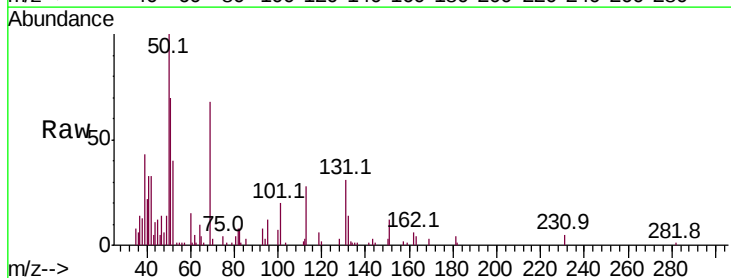
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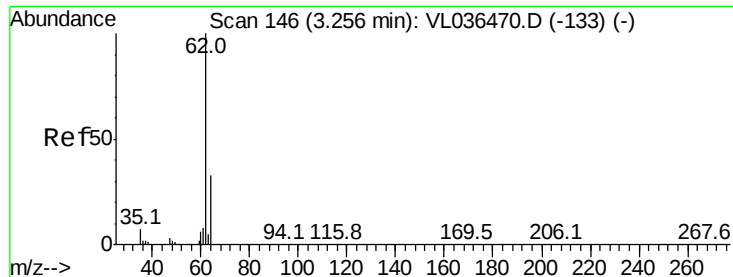
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#4
Chloromethane
Concen: 0.475 ppbv
RT: 3.13 min Scan# 108
Delta R.T. -0.01 min
Lab File: VL036759.D
Acq: 8 Apr 2021 20:36

Tgt Ion: 50 Resp: 39450
Ion Ratio Lower Upper
50 100
52 40.9 27.0 40.6#





#5

Vinyl Chloride

Concen: 13.245 ppbv

RT: 3.25 min Scan# 144

Delta R.T. -0.01 min

Lab File: VL036759.D

Acq: 8 Apr 2021 20:36

Instrument :

MSVOA_L

ClientSampleId :

SG-3

Tot Ion: 62 Resp: 1130969

Ion Ratio Lower Upper

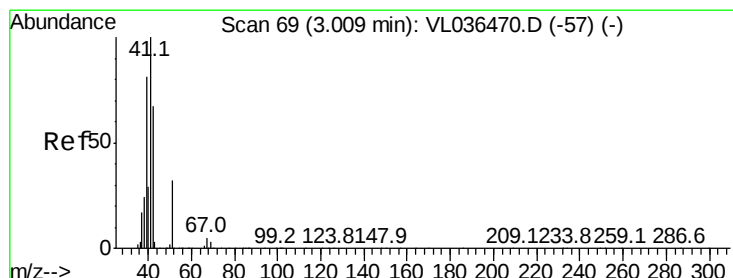
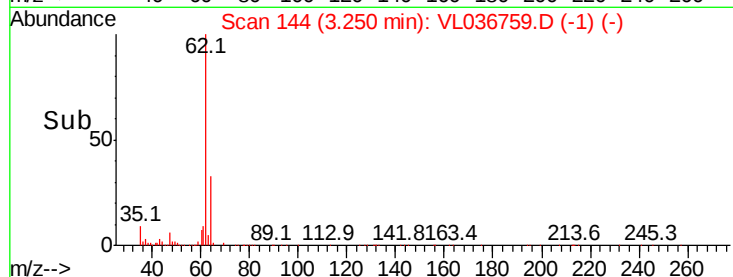
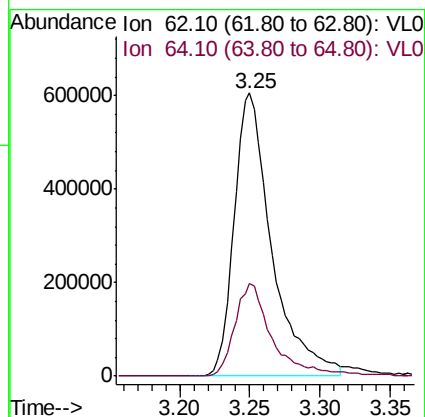
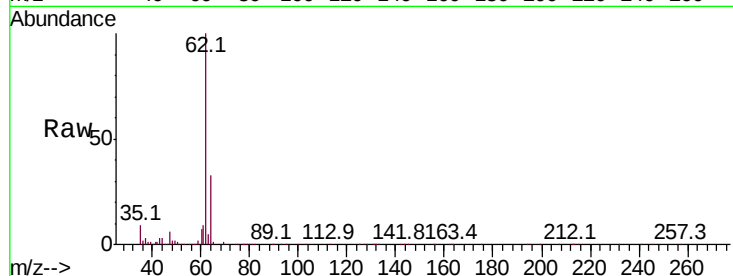
62 100

64 32.6 26.4 39.6

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#9

Propene

Concen: 25.353 ppbv

RT: 3.00 min Scan# 67

Delta R.T. -0.01 min

Lab File: VL036759.D

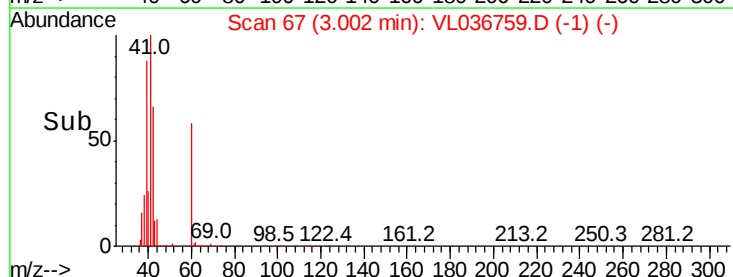
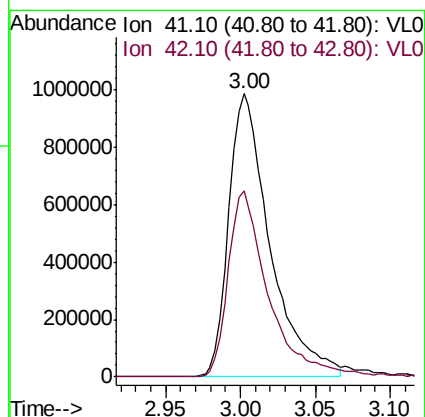
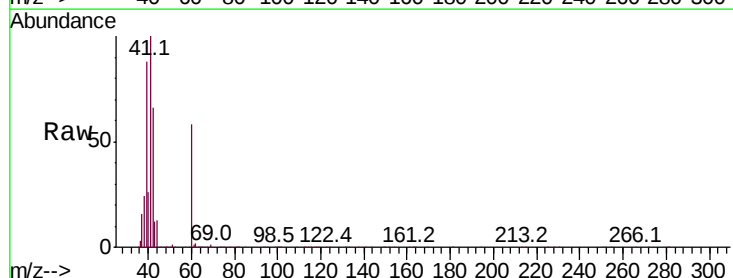
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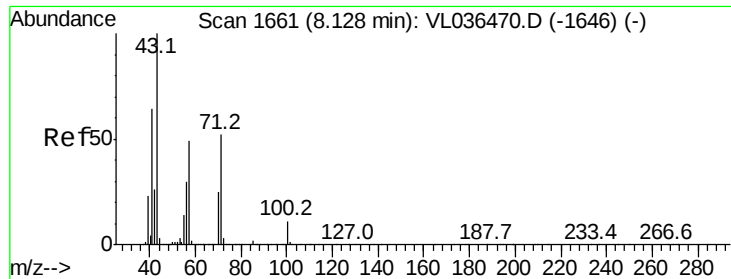
Tgt Ion: 41 Resp: 1900261

Ion Ratio Lower Upper

41 100

42 64.4 57.0 85.4





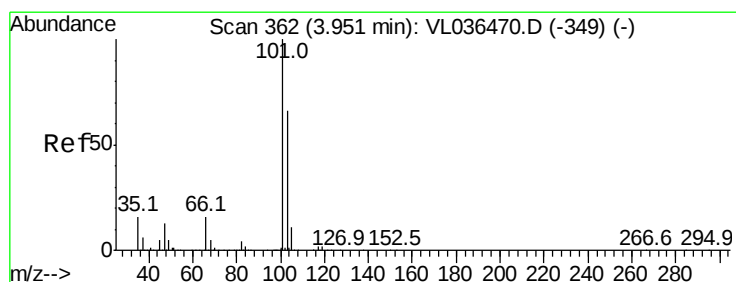
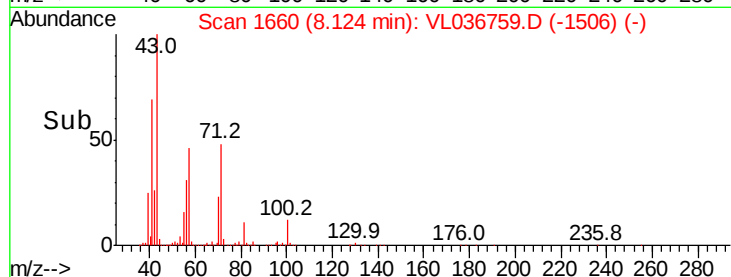
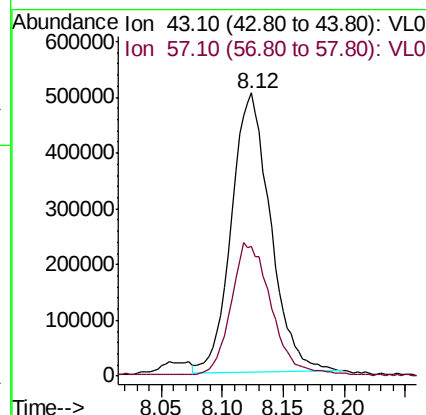
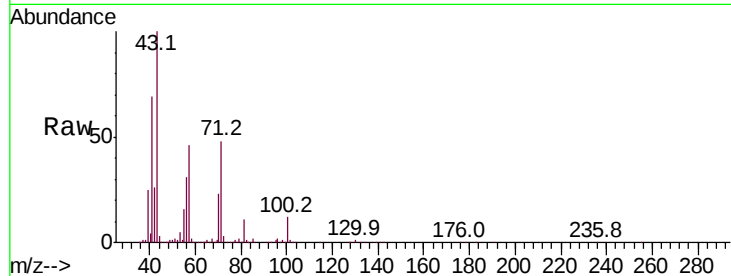
#10
 Heptane
 Concen: 5.872 ppbv
 RT: 8.12 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: VL036759.D
 Acq: 8 Apr 2021 20:36

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3

Tot Ion: 43 Resp: 1121148
 Ion Ratio Lower Upper
 43 100
 57 48.7 39.0 58.6

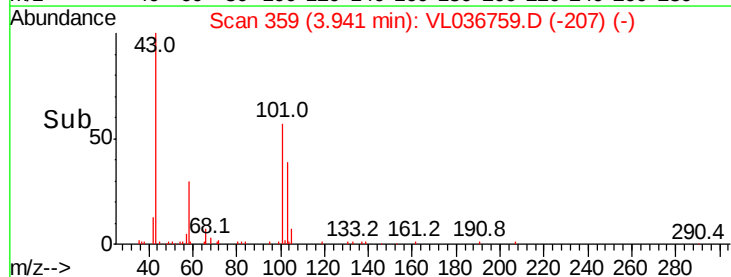
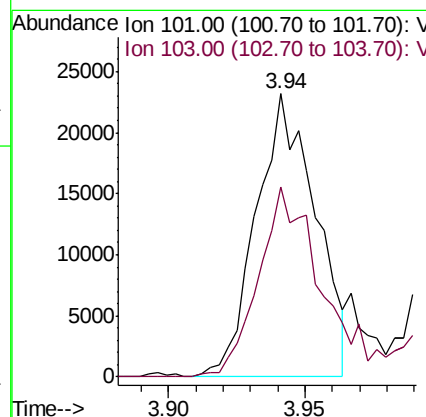
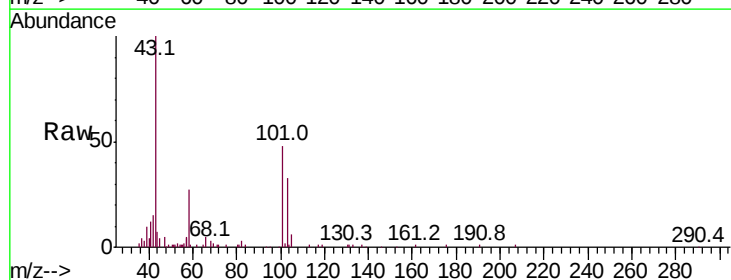
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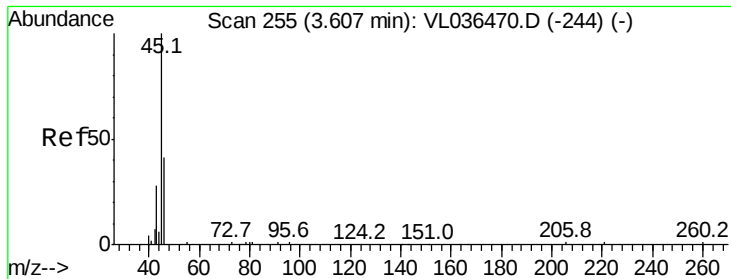
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#11
 Trichlorofluoromethane
 Concen: 0.167 ppbv
 RT: 3.94 min Scan# 359
 Delta R.T. -0.01 min
 Lab File: VL036759.D
 Acq: 8 Apr 2021 20:36

Tgt Ion: 101 Resp: 34908
 Ion Ratio Lower Upper
 101 100
 103 67.3 52.5 78.7





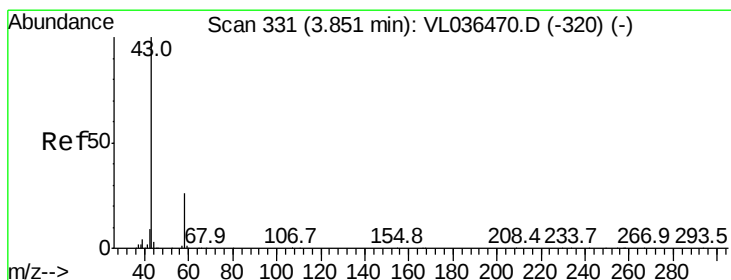
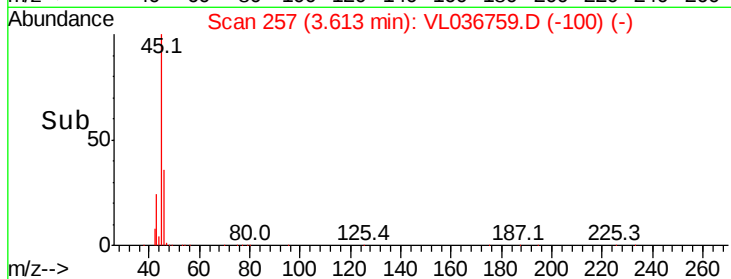
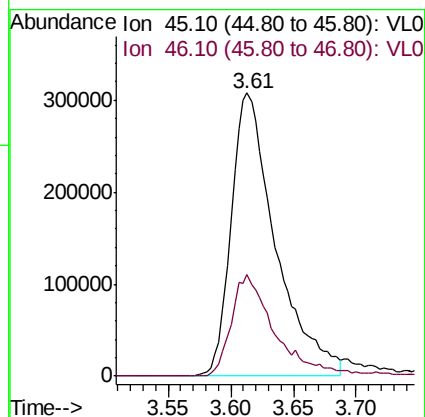
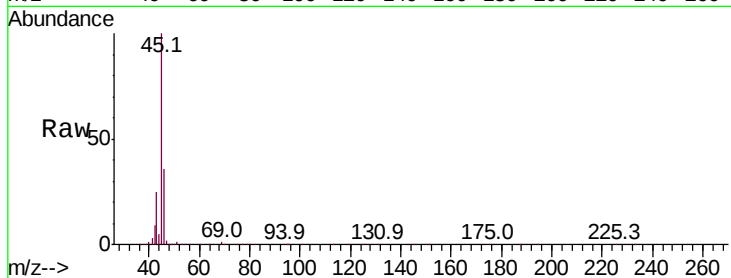
#13
Ethanol
Concen: 84.958 ppbv
RT: 3.61 min Scan# 257
Delta R.T. 0.01 min
Lab File: VL036759.D
Acq: 8 Apr 2021 20:36

Instrument :
MSVOA_L
ClientSampleId :
SG-3

Tot Ion	Ratio	Lower	Upper
45	100		
46	36.0	16.6	66.2

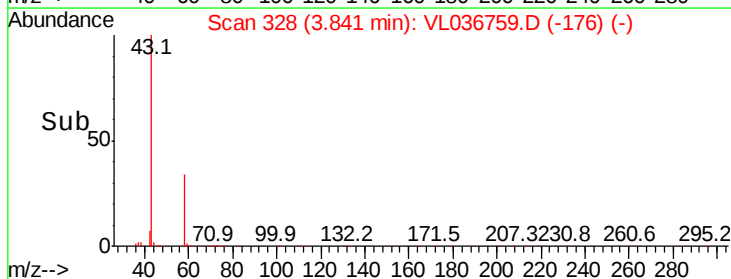
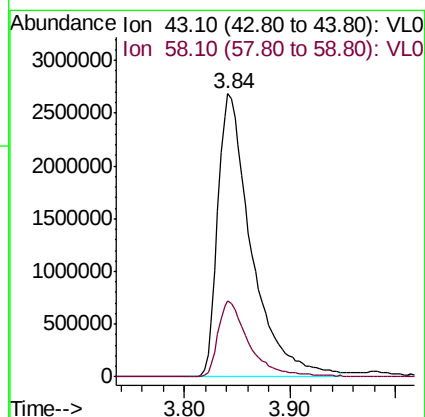
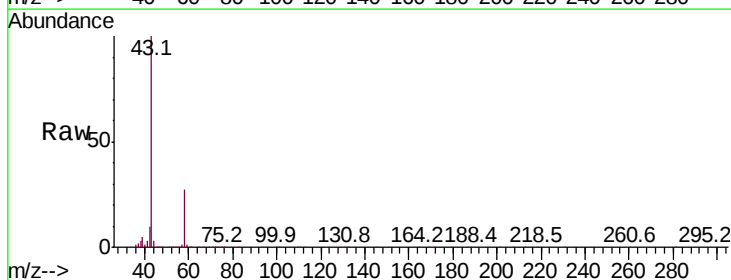
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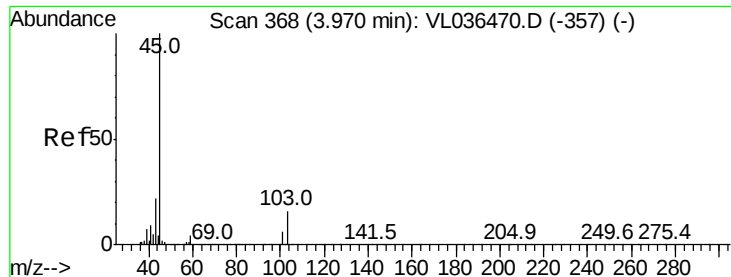
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#15
Acetone
Concen: 48.003 ppbv
RT: 3.84 min Scan# 328
Delta R.T. -0.01 min
Lab File: VL036759.D
Acq: 8 Apr 2021 20:36

Tgt Ion	Ratio	Lower	Upper
43	100		
58	25.3	21.2	31.8





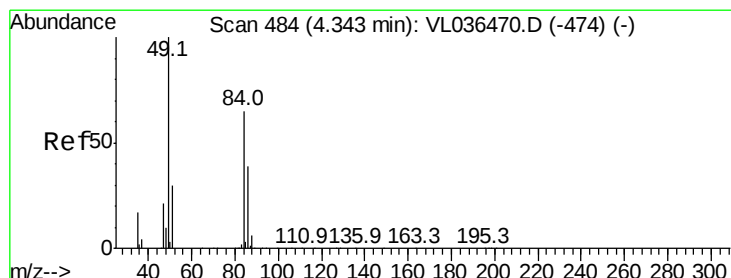
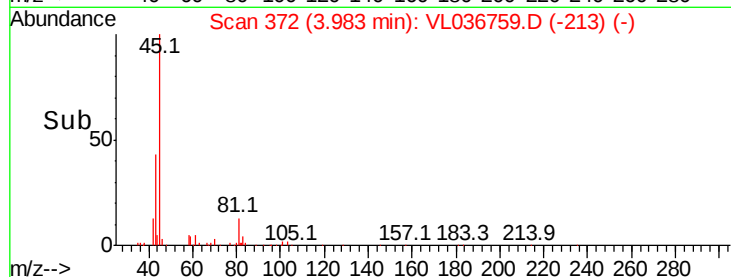
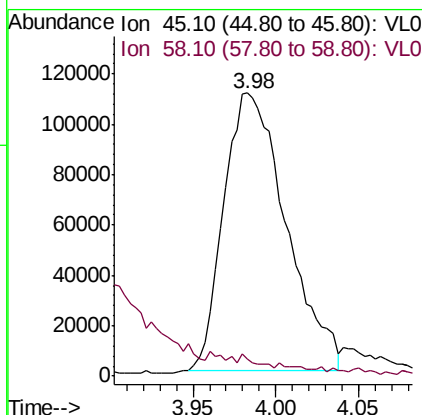
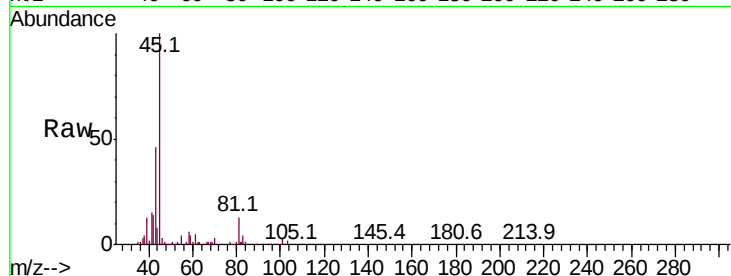
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Isopropyl Alcohol
Concen: 4.249 ppbv
RT: 3.98 min Scan# 372
Delta R.T. 0.01 min
Lab File: VL036759.D
Acq: 8 Apr 2021 20:36

Instrument :
MSVOA_L
ClientSampleId :
SG-3

Tot Ion: 45 Resp: 289522
Ion Ratio Lower Upper
45 100
58 520.3 2.9 4.3#

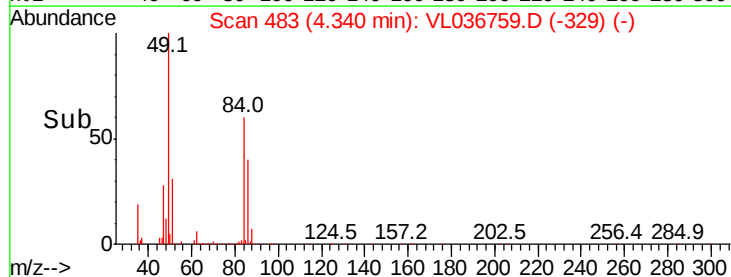
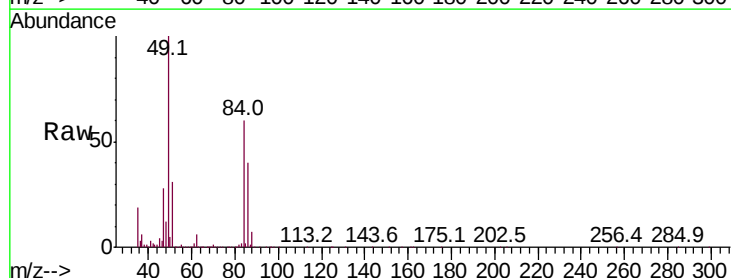
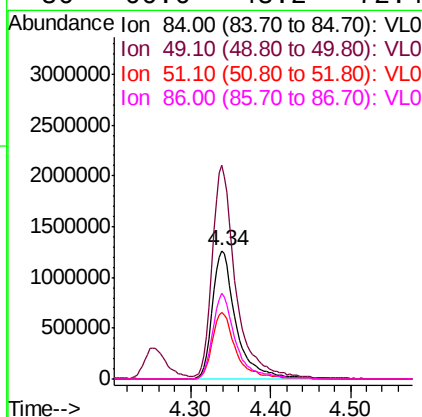
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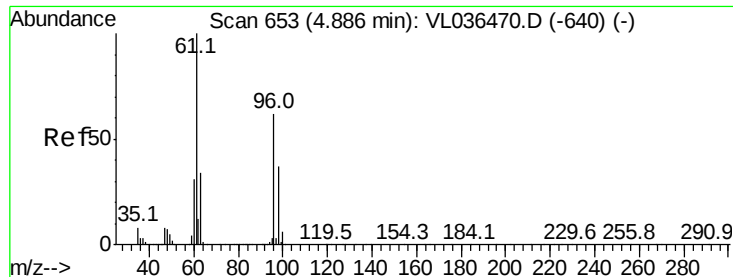
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#20
Methylene Chloride
Concen: 44.880 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL036759.D
Acq: 8 Apr 2021 20:36

Tgt Ion: 84 Resp: 2602548
Ion Ratio Lower Upper
84 100
49 165.5 122.9 184.3
51 52.0 36.9 55.3
86 66.6 48.2 72.4





#22

trans-1,2-Dichloroethene

Concen: 6.077 ppbv

RT: 4.88 min Scan# 651

Delta R.T. -0.01 min

Lab File: VL036759.D

Acq: 8 Apr 2021 20:36

Instrument :

MSVOA_L

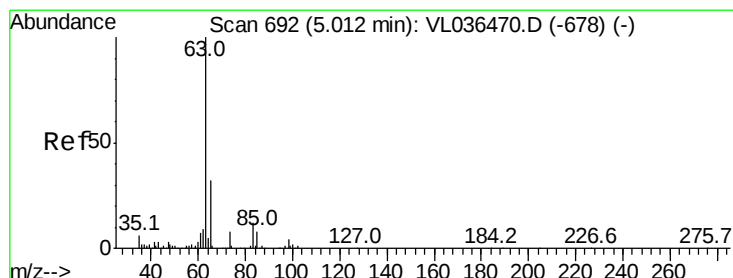
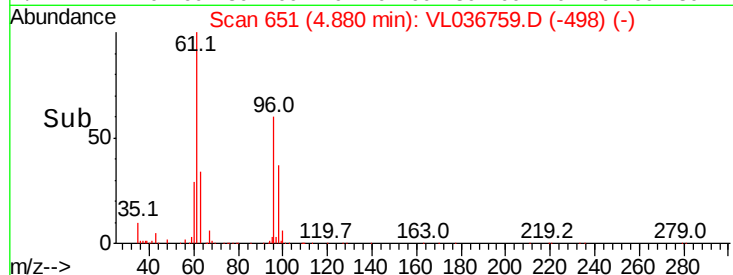
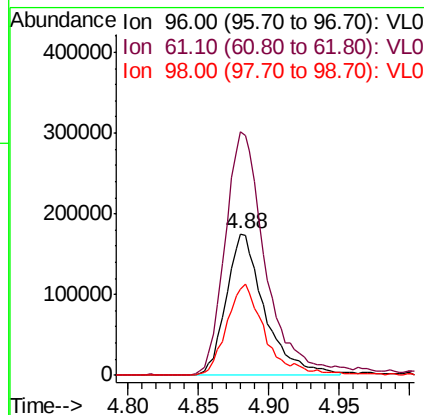
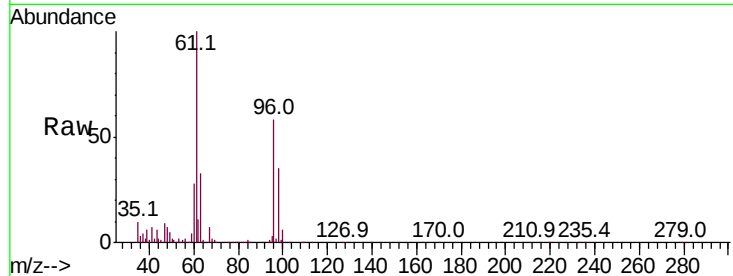
ClientSampleId :

SG-3

Tot Ion:	96	Resp:	335142
Ion Ratio	Lower	Upper	
96	100		
61	171.2	129.4	194.0
98	60.4	48.2	72.4

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 0.197 ppbv m

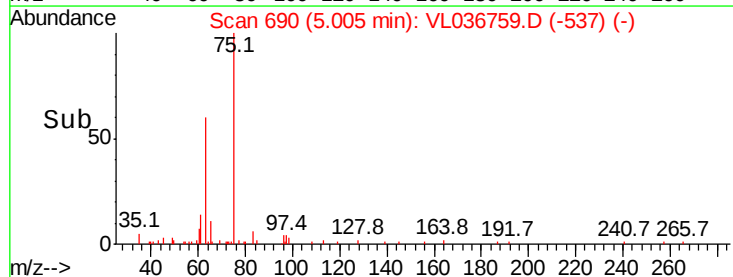
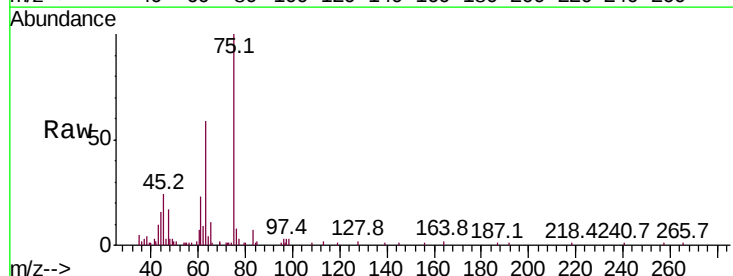
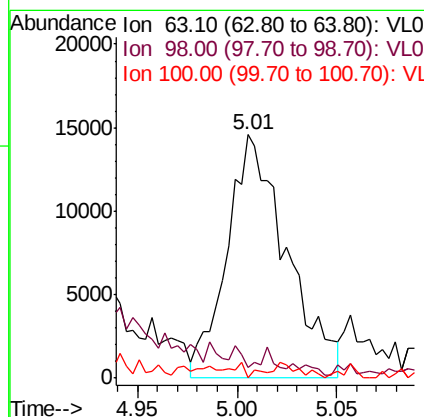
RT: 5.01 min Scan# 690

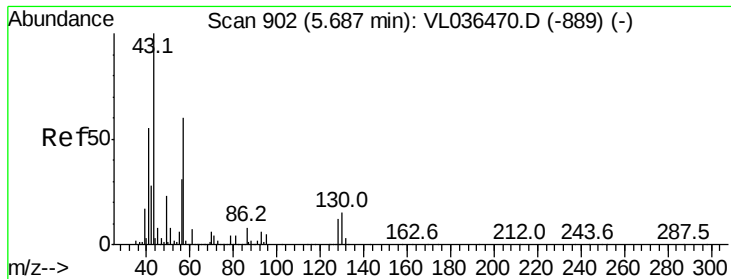
Delta R.T. -0.01 min

Lab File: VL036759.D

Acq: 8 Apr 2021 20:36

Tgt Ion:	63	Resp:	30347
Ion Ratio	Lower	Upper	
63	100		
98	4.4	2.1	6.2
100	0.0	0.9	2.8#





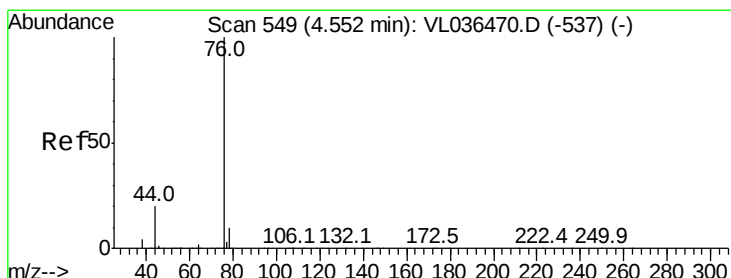
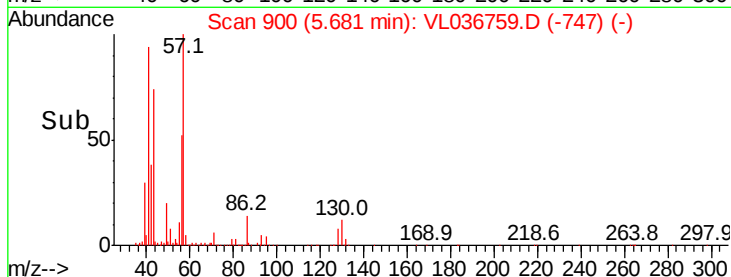
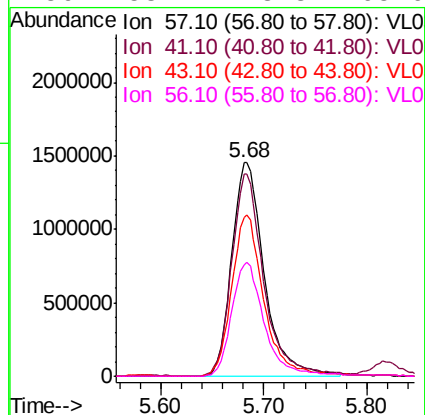
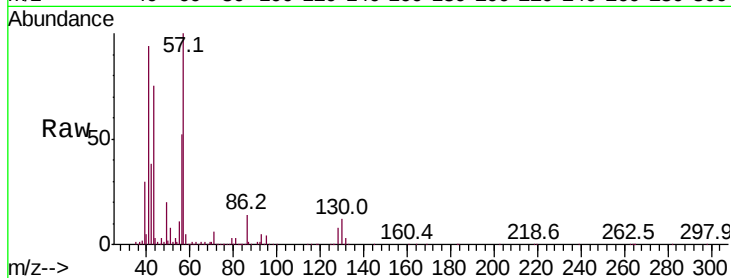
#26
Hexane
Concen: 23.368 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL036759.D
Acq: 8 Apr 2021 20:36

Instrument :
MSVOA_L
ClientSampleId :
SG-3

Tot Ion	57	Resp	3193075
Ion	Ratio	Lower	Upper
57	100		
41	94.0	77.2	115.8
43	75.0	173.8	260.6#
56	53.7	43.8	65.6

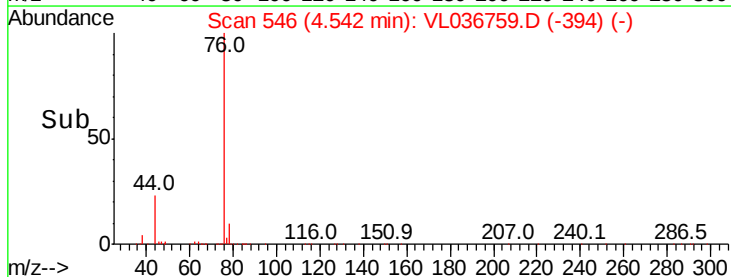
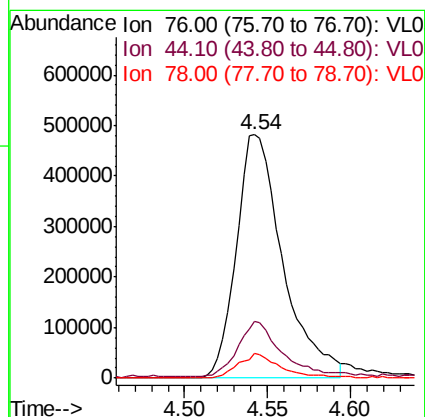
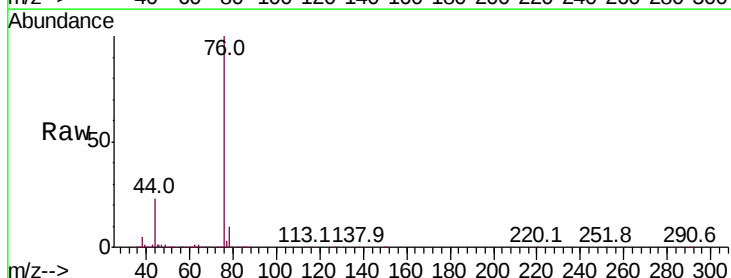
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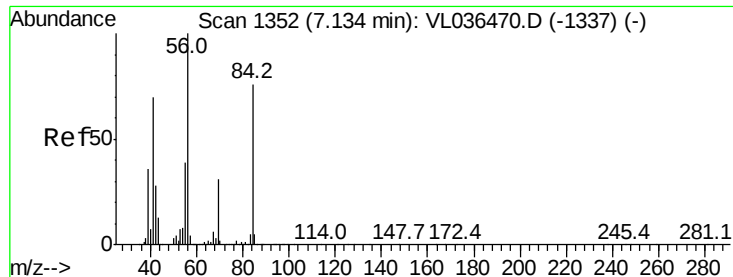
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#27
Carbon Disulfide
Concen: 6.988 ppbv
RT: 4.54 min Scan# 546
Delta R.T. -0.01 min
Lab File: VL036759.D
Acq: 8 Apr 2021 20:36

Tgt Ion	76	Resp	940640
Ion	Ratio	Lower	Upper
76	100		
44	22.5	17.5	26.3
78	9.6	8.6	13.0





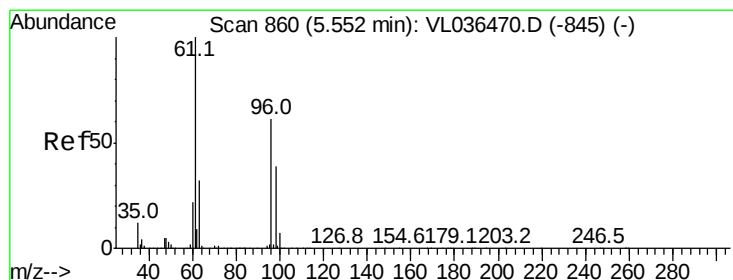
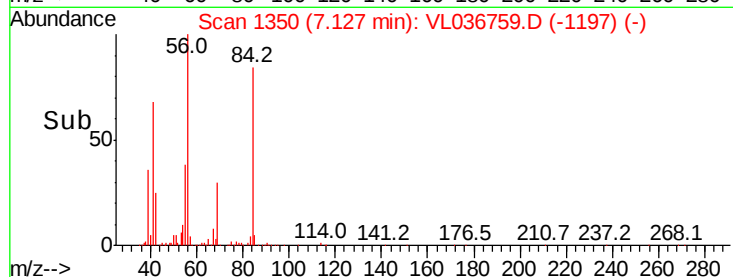
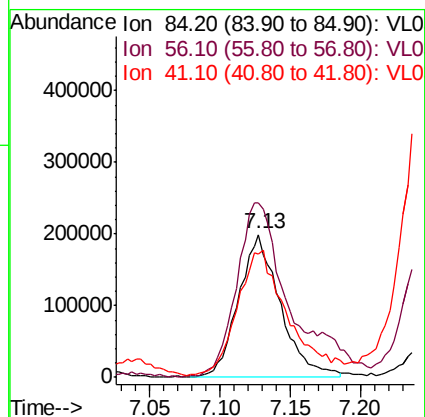
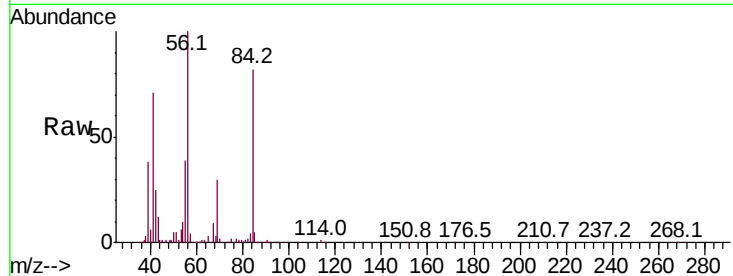
#30
Cvclohexane
Concen: 3.671 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VL036759.D
Acq: 8 Apr 2021 20:36

Instrument :
MSVOA_L
ClientSampled :
SG-3

Tot Ion	Ratio	Lower	Upper
84	100		
56	159.7	114.6	171.8
41	108.3	75.3	112.9

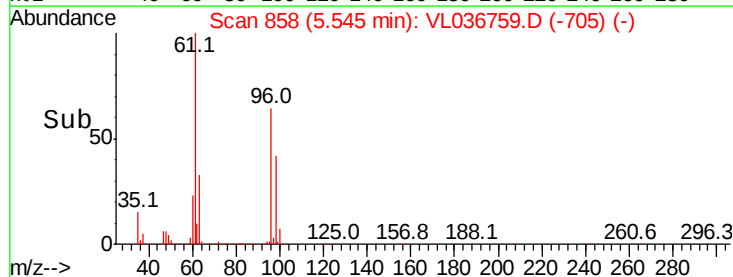
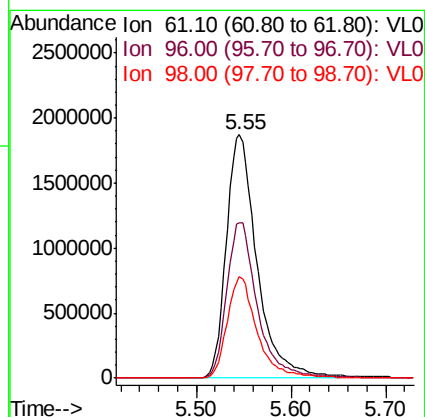
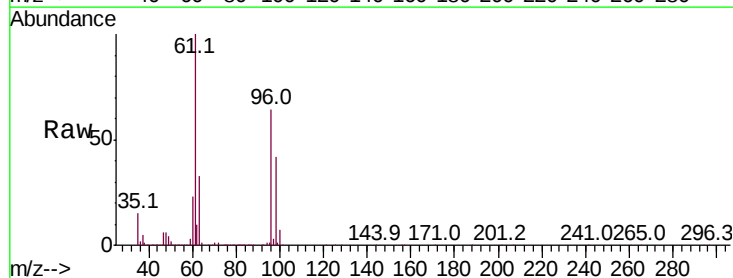
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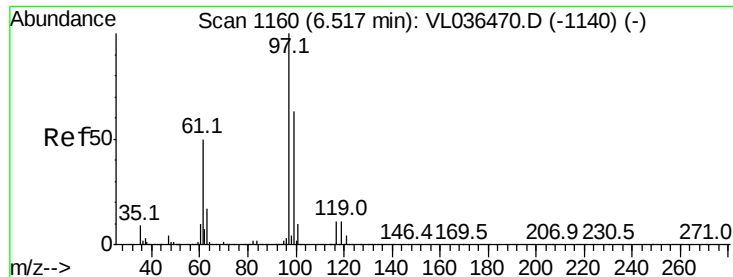
MMDadoda
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#31
cis-1,2-Dichloroethene
Concen: 31.881 ppbv
RT: 5.55 min Scan# 858
Delta R.T. -0.01 min
Lab File: VL036759.D
Acq: 8 Apr 2021 20:36

Tgt Ion	Ratio	Lower	Upper
61	100		
96	63.9	48.7	73.1
98	41.7	31.4	47.0





#32

1,1,1-Trichloroethane

Concen: 0.107 ppbv m

RT: 6.51 min Scan# 1158

Delta R.T. -0.01 min

Lab File: VL036759.D

Acq: 8 Apr 2021 20:36

Instrument :

MSVOA_L

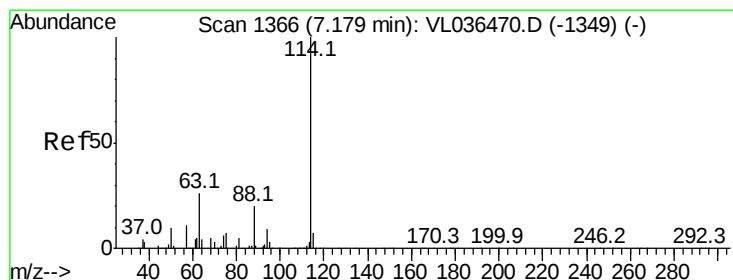
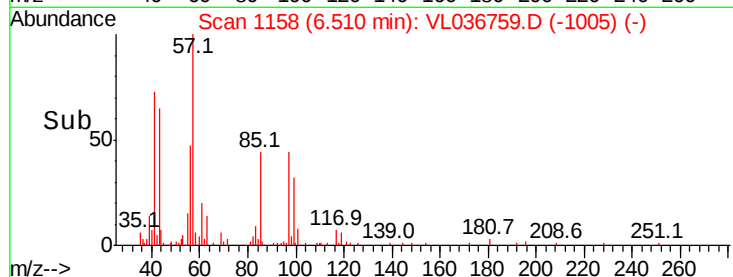
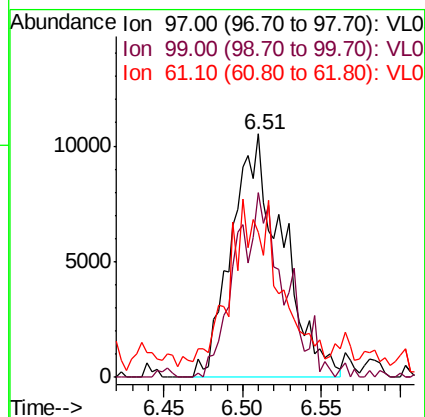
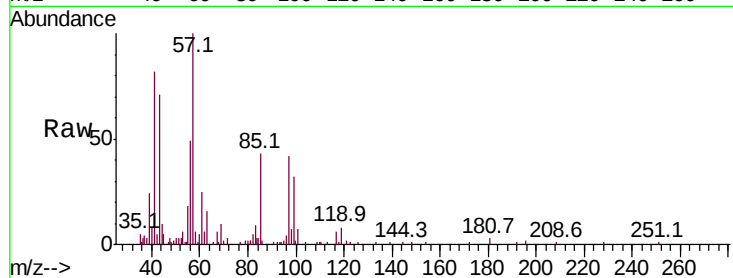
ClientSampled :

SG-3

Tot Ion:	97	Resp:	23524
Ion Ratio	Lower	Upper	
97	100		
99	0.0	51.4	77.0#
61	66.1	40.6	60.8#

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

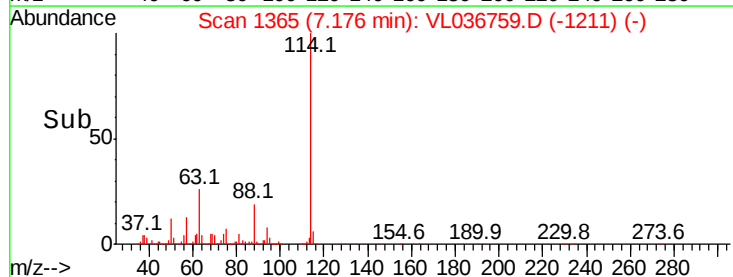
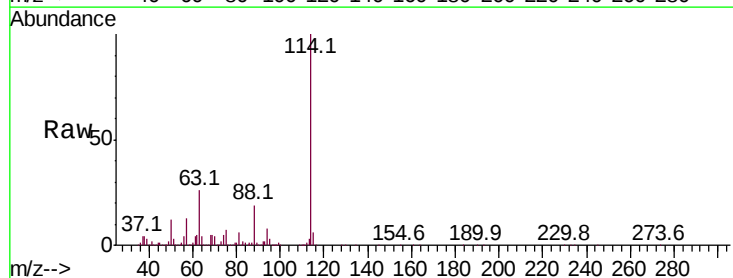
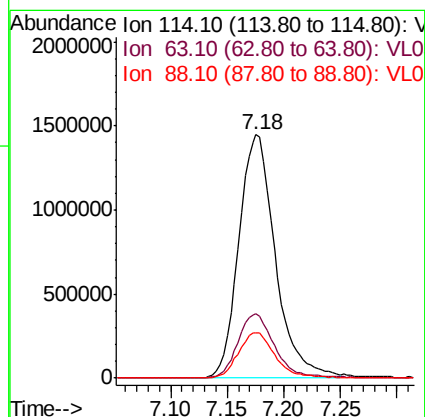
RT: 7.18 min Scan# 1365

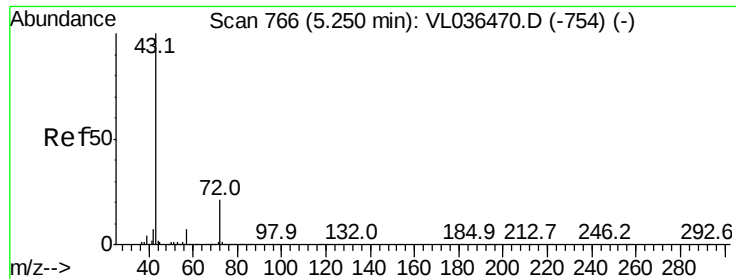
Delta R.T. -0.00 min

Lab File: VL036759.D

Acq: 8 Apr 2021 20:36

Tgt Ion:	114	Resp:	3254482
Ion Ratio	Lower	Upper	
114	100		
63	26.9	22.4	33.6
88	18.8	15.4	23.0





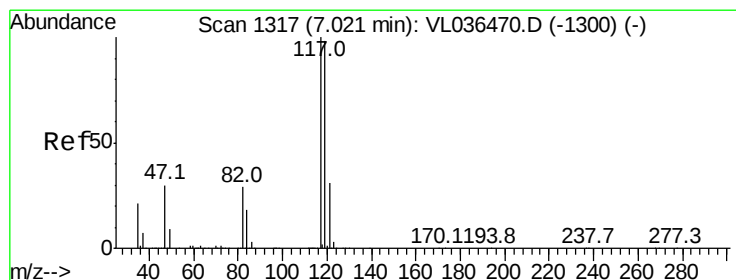
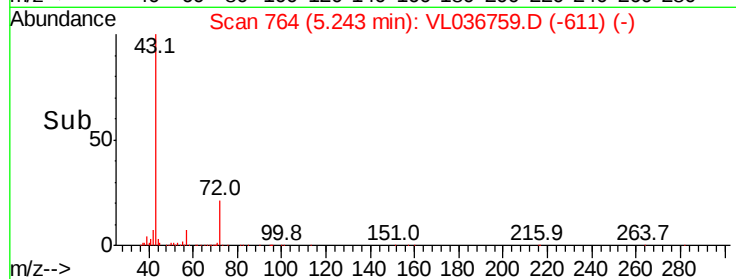
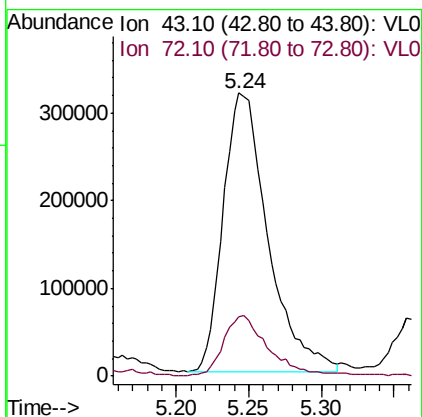
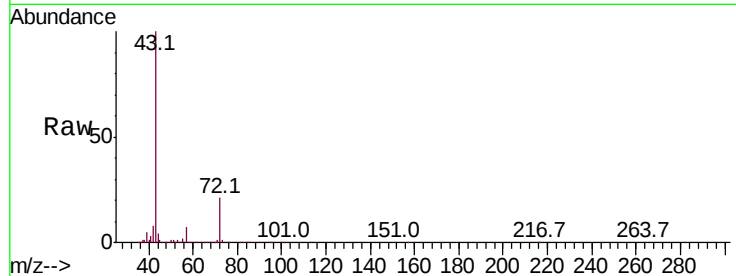
#34
2-Butanone
Concen: 4.277 ppbv
RT: 5.24 min Scan# 764
Delta R.T. -0.01 min
Lab File: VL036759.D
Acq: 8 Apr 2021 20:36

Instrument :
MSVOA_L
ClientSampled :
SG-3

Tot Ion	Ratio	Lower	Upper
43	100		
72	22.2	17.0	25.6

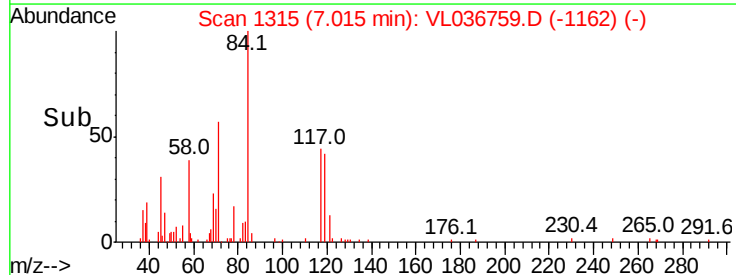
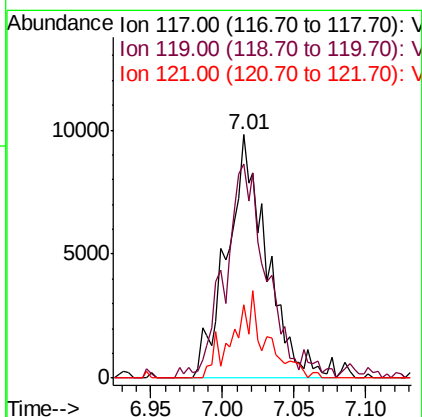
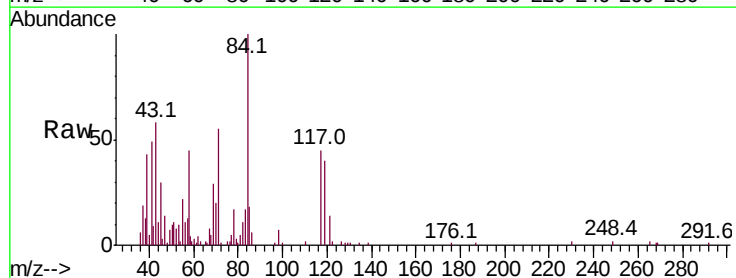
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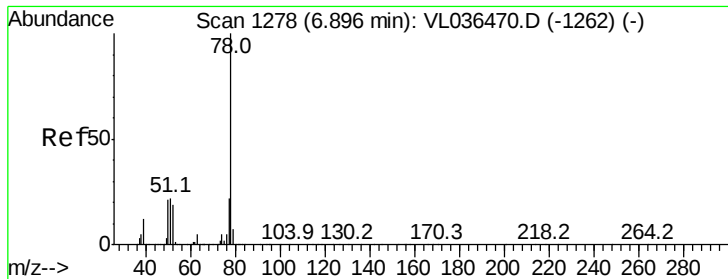
MMDadoda
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#35
Carbon Tetrachloride
Concen: 0.076 ppbv m
RT: 7.01 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VL036759.D
Acq: 8 Apr 2021 20:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	87.8	78.2	117.2
121	30.0	24.5	36.7





#36

Benzene

Concen: 8.537 ppbv

RT: 6.89 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VL036759.D

Acq: 8 Apr 2021 20:36

Instrument :

MSVOA_L

ClientSampleId :

SG-3

Tot Ion: 78 Resp: 2562273

Ion Ratio Lower Upper

78 100

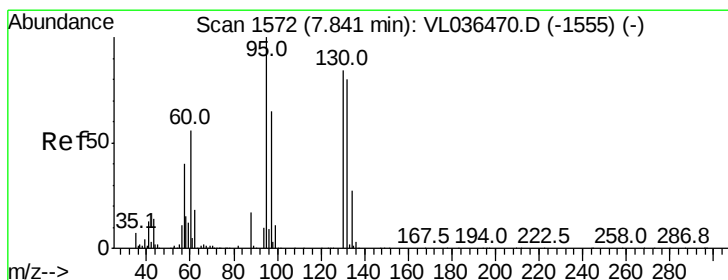
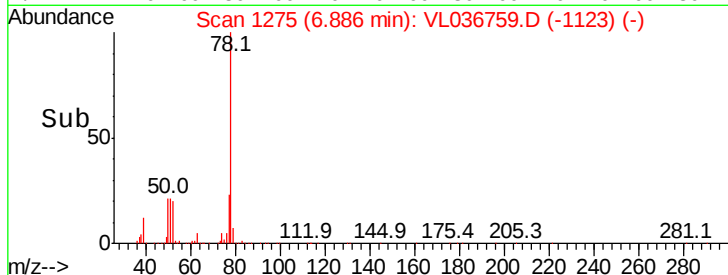
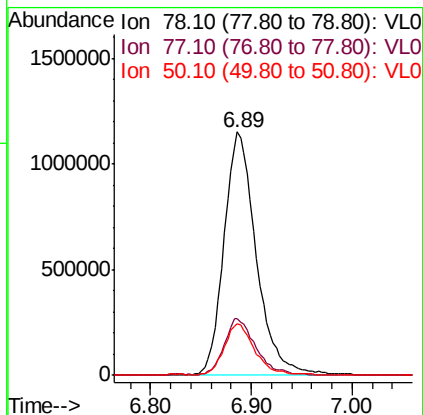
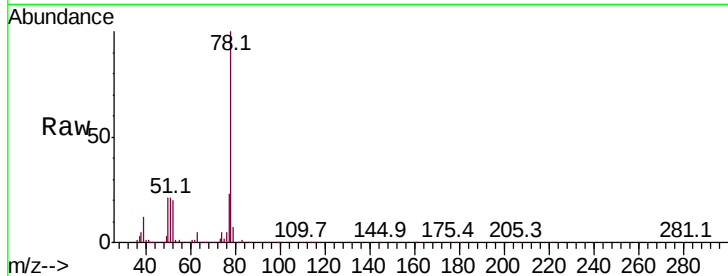
77 22.9 18.0 27.0

50 20.8 16.5 24.7

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#38

Trichloroethene

Concen: 39.378 ppbv

RT: 7.83 min Scan# 1570

Delta R.T. -0.01 min

Lab File: VL036759.D

Acq: 8 Apr 2021 20:36

Tgt Ion: 130 Resp: 4599733

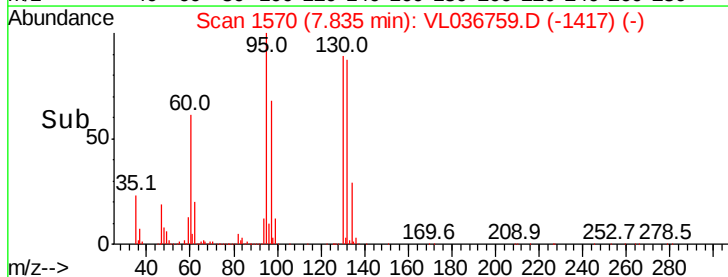
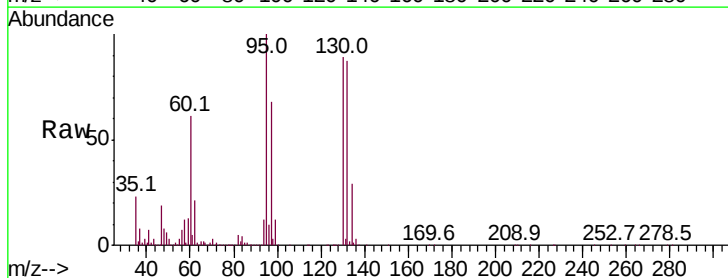
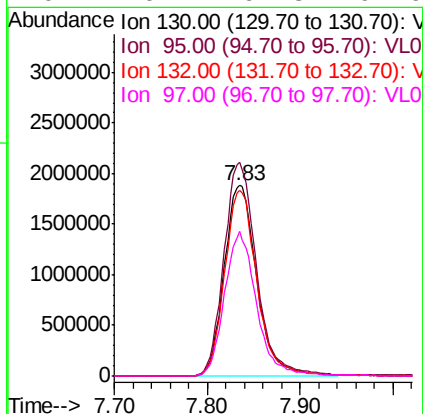
Ion Ratio Lower Upper

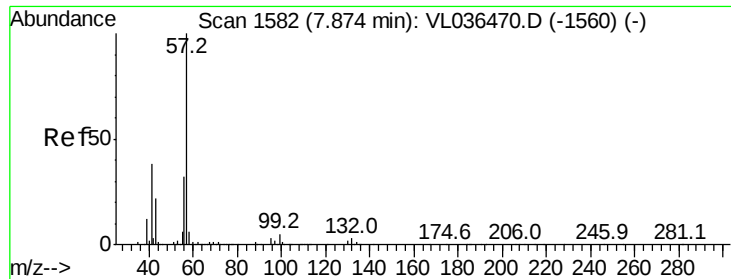
130 100

95 112.0 95.7 143.5

132 97.5 76.2 114.4

97 76.1 61.8 92.6





#44

2,2,4-Trimethylpentane

Concen: 14.979 ppbv

RT: 7.87 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VL036759.D

Acq: 8 Apr 2021 20:36

Instrument :

MSVOA_L

ClientSampleId :

SG-3

Tot Ion: 57 Resp: 7913088

Ion Ratio Lower Upper

57 100

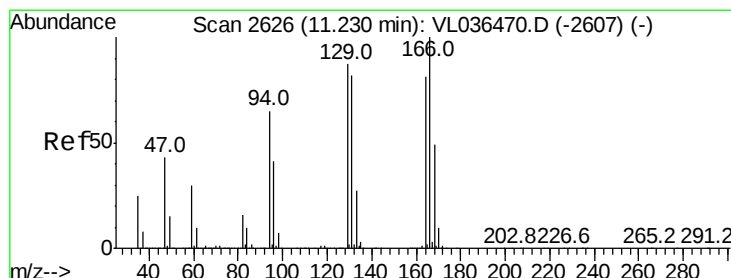
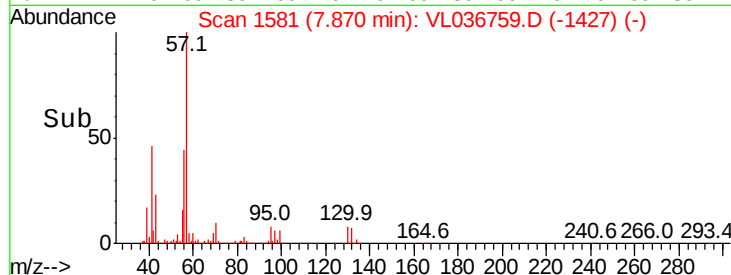
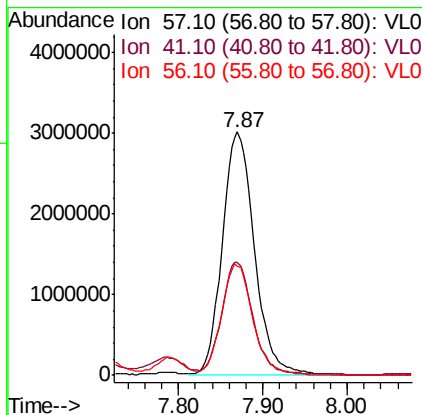
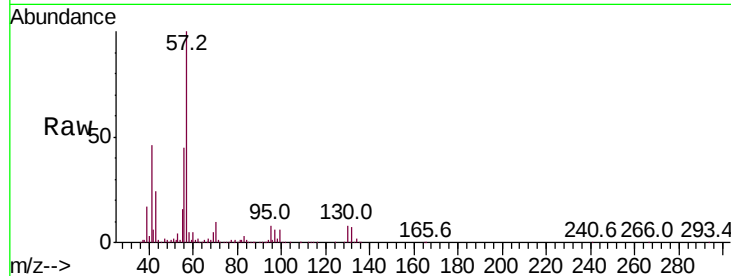
41 46.6 28.8 43.2#

56 45.2 26.1 39.1#

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#52

Tetrachloroethene

Concen: 0.474 ppbv m

RT: 11.23 min Scan# 2625

Delta R.T. -0.00 min

Lab File: VL036759.D

Acq: 8 Apr 2021 20:36

Tgt Ion: 164 Resp: 52420

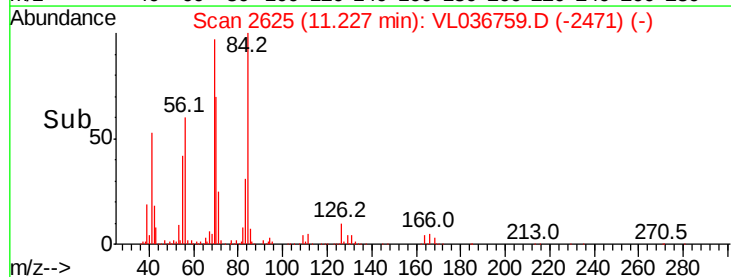
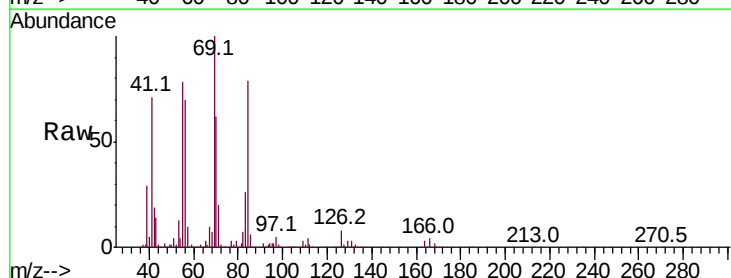
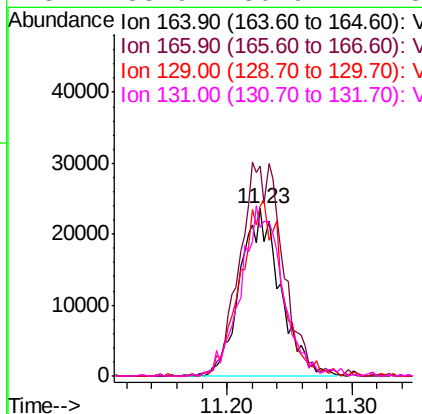
Ion Ratio Lower Upper

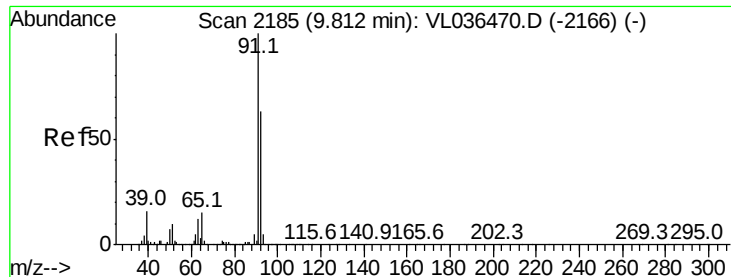
164 100

166 125.4 98.3 147.5

129 101.6 85.8 128.8

131 88.9 80.9 121.3





#53

Toluene

Concen: 5.446 ppbv

RT: 9.80 min Scan# 2182

Delta R.T. -0.01 min

Lab File: VL036759.D

Acq: 8 Apr 2021 20:36

Instrument :

MSVOA_L

ClientSampled :

SG-3

Tot Ion: 91 Resp: 1740611

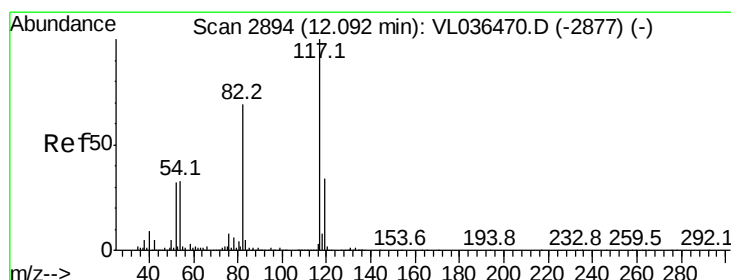
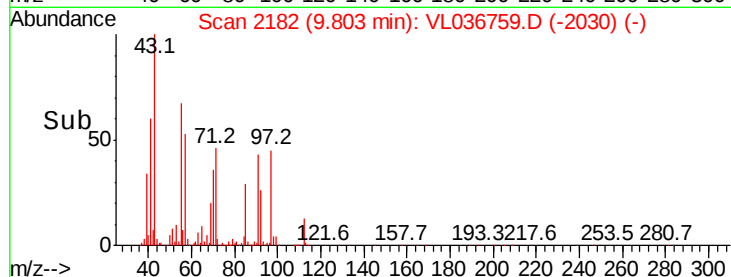
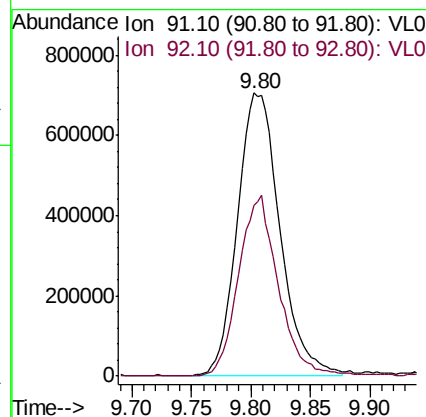
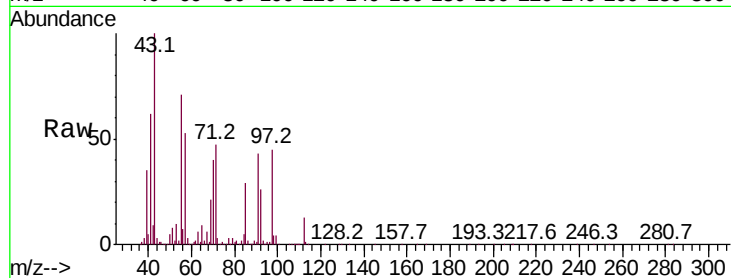
Ion Ratio Lower Upper

91 100

92 60.3 48.8 73.2

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2893

Delta R.T. -0.00 min

Lab File: VL036759.D

Acq: 8 Apr 2021 20:36

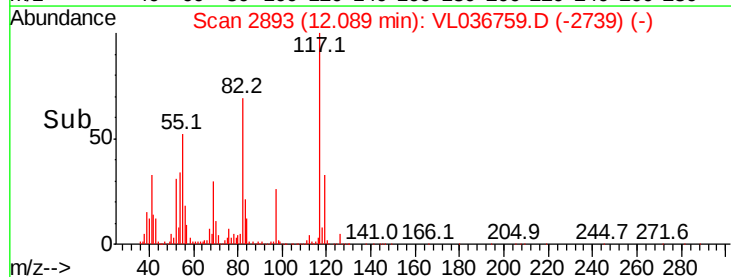
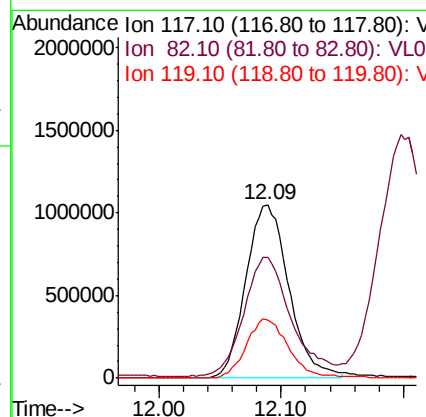
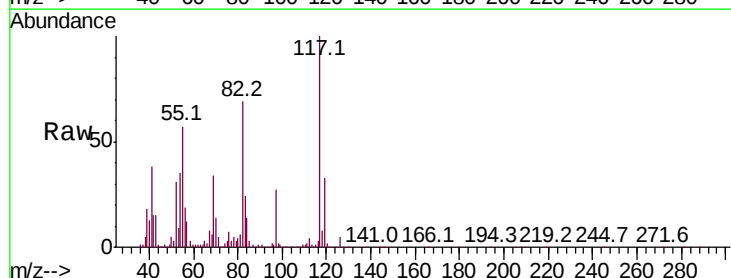
Tgt Ion: 117 Resp: 2561647

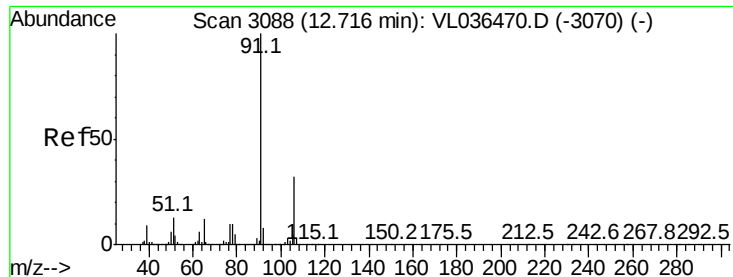
Ion Ratio Lower Upper

117 100

82 75.6 57.4 86.0

119 34.3 47.4 71.0#





#58

Ethyl Benzene

Concen: 6.199 ppbv

RT: 12.72 min Scan# 3090

Delta R.T. 0.01 min

Lab File: VL036759.D

Acq: 8 Apr 2021 20:36

Instrument :

MSVOA_L

ClientSampleId :

SG-3

Tot Ion: 91 Resp: 2310206

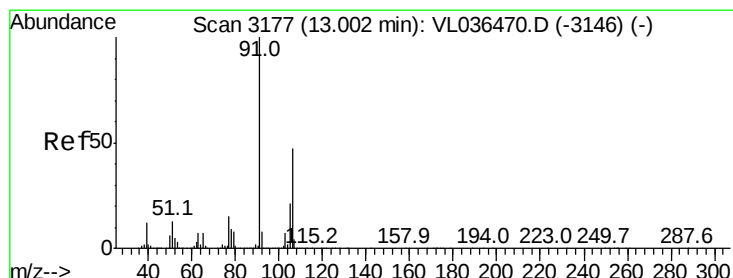
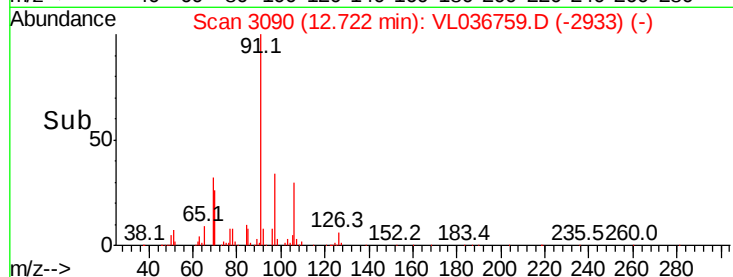
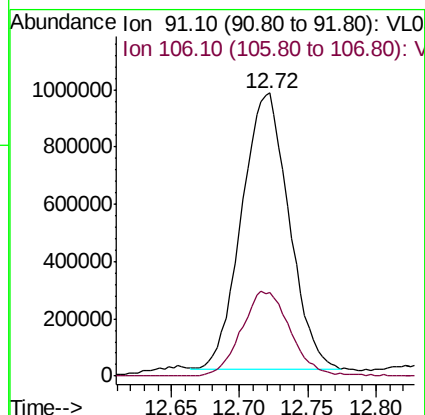
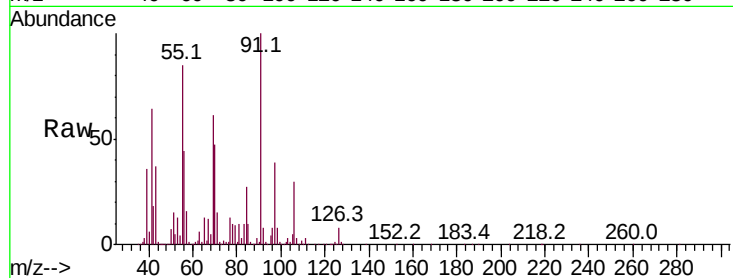
Ion Ratio Lower Upper

91 100

106 30.3 25.3 37.9

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#59

m/p-Xylene

Concen: 10.070 ppbv

RT: 12.98 min Scan# 3170

Delta R.T. -0.02 min

Lab File: VL036759.D

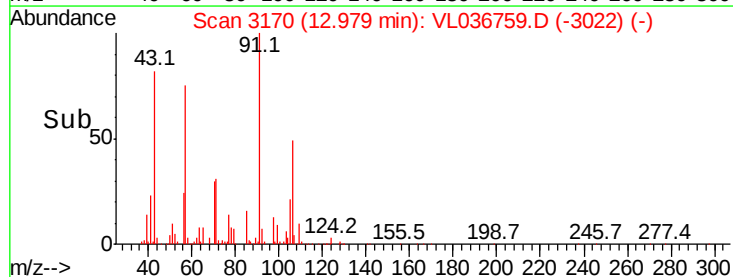
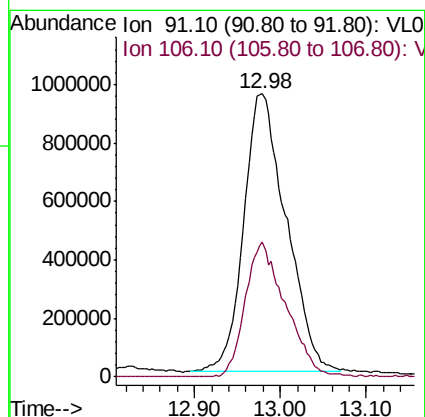
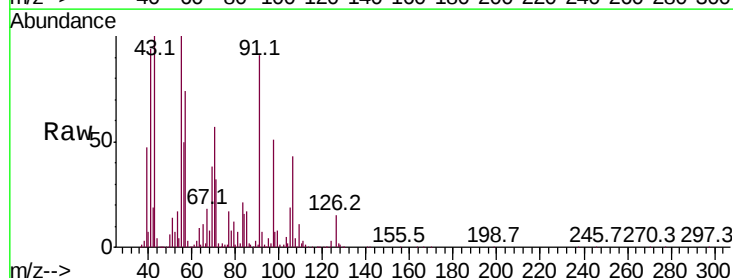
Acq: 8 Apr 2021 20:36

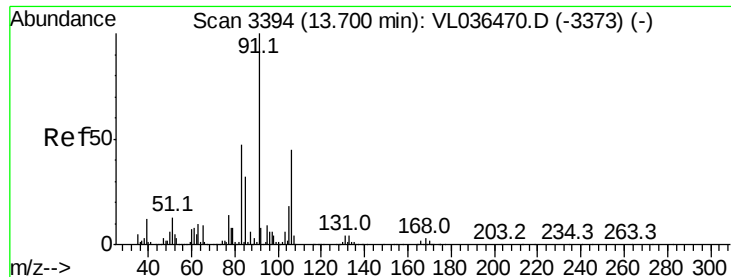
Tgt Ion: 91 Resp: 3273504

Ion Ratio Lower Upper

91 100

106 45.7 35.3 52.9





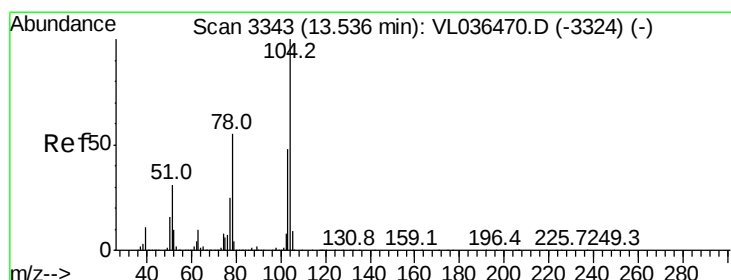
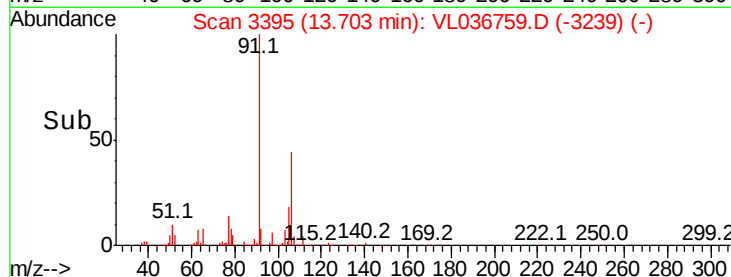
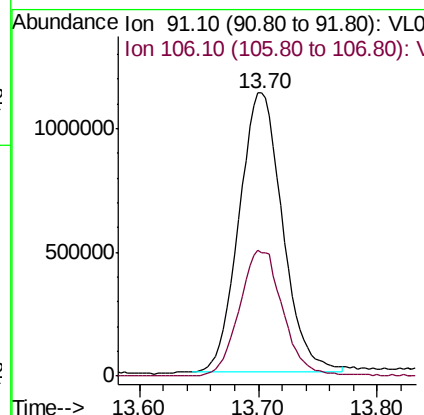
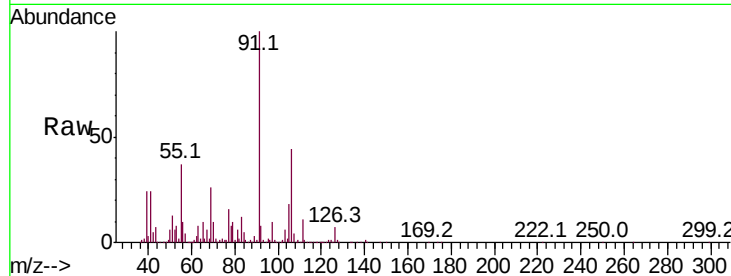
#60
o-Xylene
Concen: 9.080 ppbv
RT: 13.70 min Scan# 3395
Delta R.T. 0.00 min
Lab File: VL036759.D
Acq: 8 Apr 2021 20:36

Instrument :
MSVOA_L
ClientSampled :
SG-3

Tot Ion: 91 Resp: 2853914
Ion Ratio Lower Upper
91 100
106 45.6 22.3 66.9

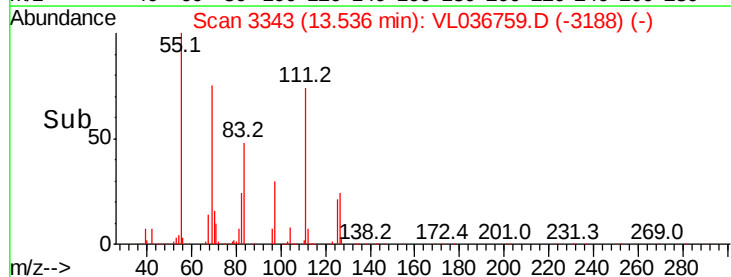
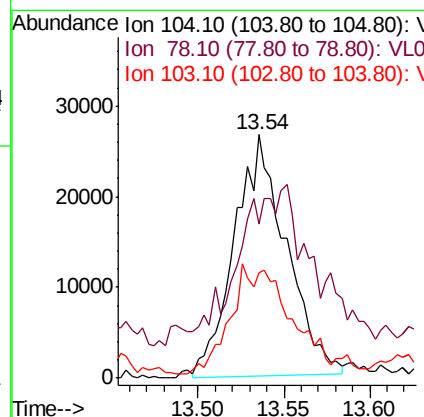
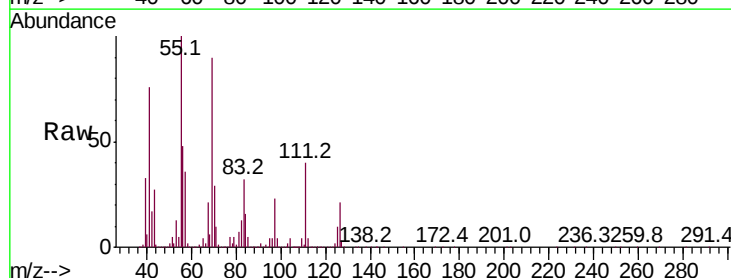
Manual Integrations
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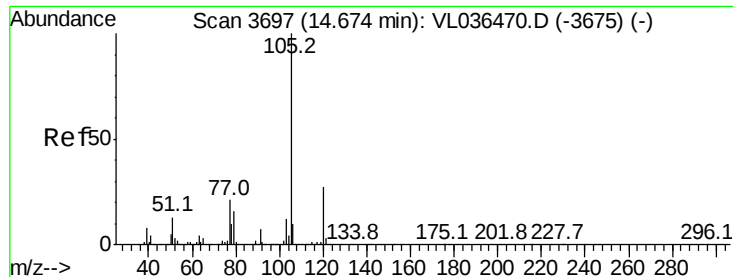
MMDadoda
4/12/2021 11:47:25 AM



#61
Styrene
Concen: 0.353 ppbv
RT: 13.54 min Scan# 3343
Delta R.T. -0.00 min
Lab File: VL036759.D
Acq: 8 Apr 2021 20:36

Tgt Ion: 104 Resp: 55894
Ion Ratio Lower Upper
104 100
78 100.6 43.8 65.8#
103 54.7 38.3 57.5





#62

Isopropylbenzene

Concen: 1.555 ppbv

RT: 14.67 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VL036759.D

Acq: 8 Apr 2021 20:36

Instrument :

MSVOA_L

ClientSampleId :

SG-3

Tot Ion:105 Resp: 658171

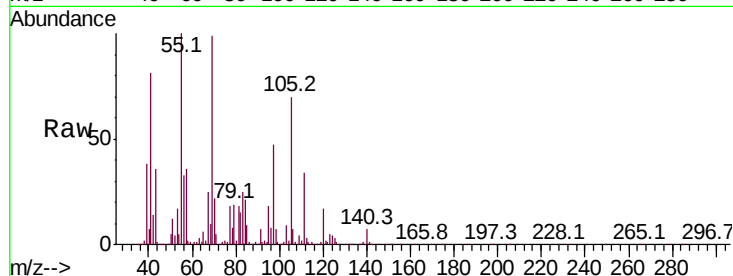
Ion Ratio Lower Upper

105 100

120 25.8 20.6 31.0

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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

14.67

250000

200000

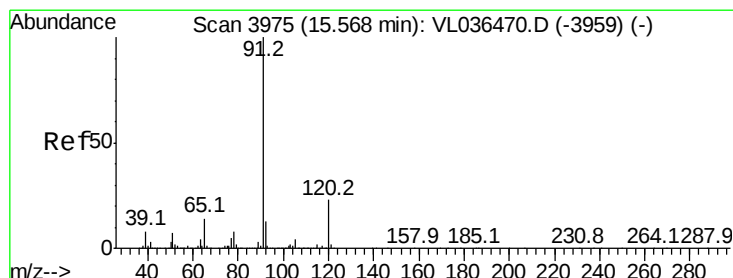
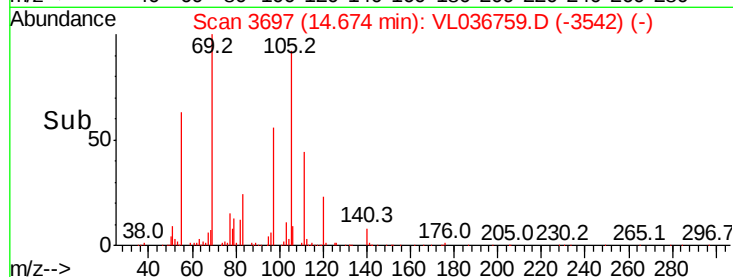
150000

100000

50000

0

Time-->



#64

n-propylbenzene

Concen: 1.207 ppbv

RT: 15.58 min Scan# 3979

Delta R.T. 0.01 min

Lab File: VL036759.D

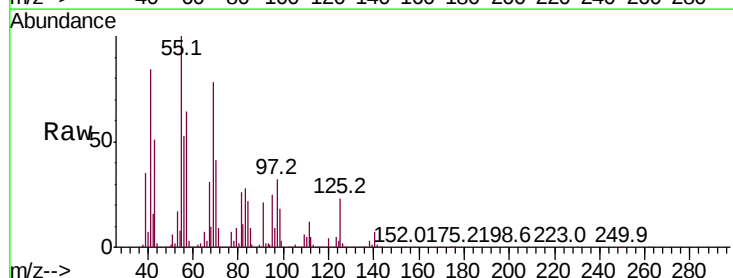
Acq: 8 Apr 2021 20:36

Tgt Ion:120 Resp: 124890

Ion Ratio Lower Upper

120 100

91 590.6 377.4 566.2#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

15.58

300000

250000

200000

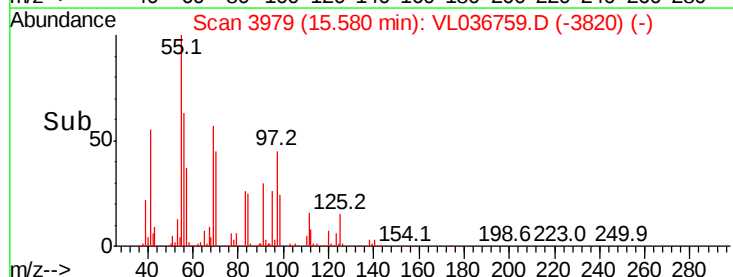
150000

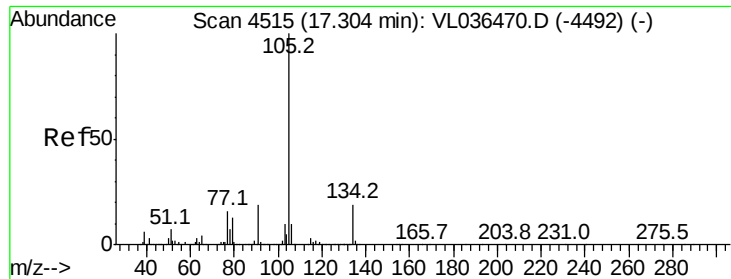
100000

50000

0

Time-->





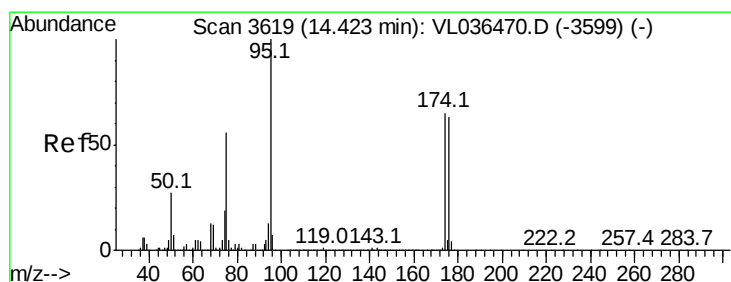
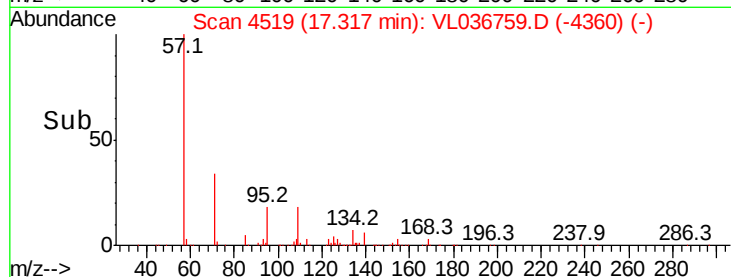
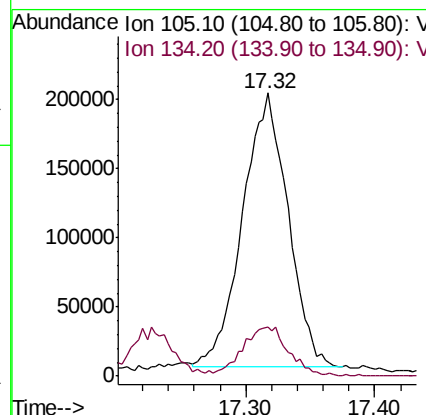
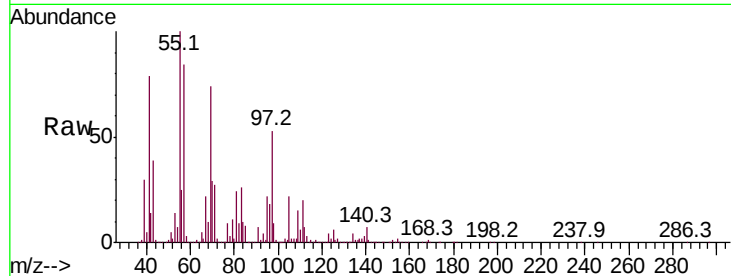
#67
 sec-Butylbenzene
 Concen: 0.940 ppbv
 RT: 17.32 min Scan# 4519
 Delta R.T. 0.01 min
 Lab File: VL036759.D
 Acq: 8 Apr 2021 20:36

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.5	14.7	22.1

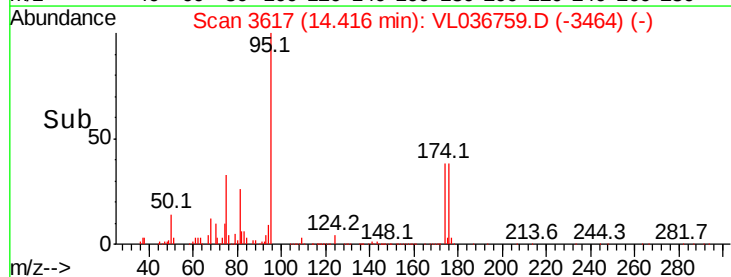
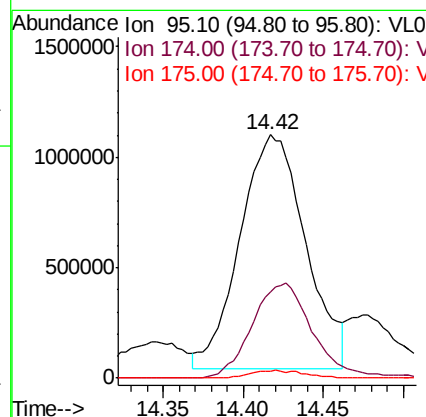
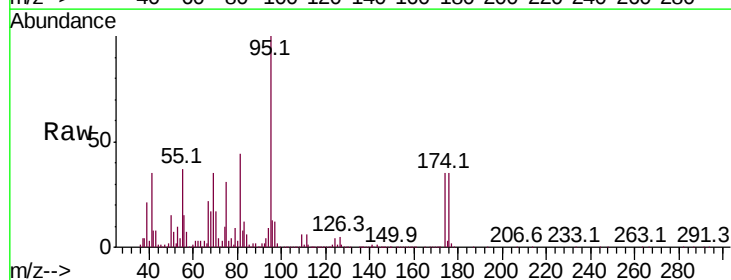
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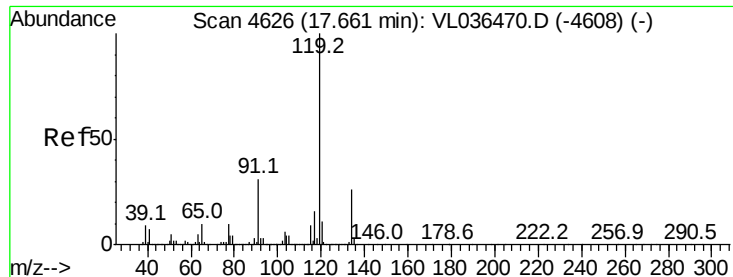
MMDadoda
 4/12/2021 11:47:25 AM



#68
 1-Bromo-4-Fluorobenzene
 Concen: 14.635 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T. -0.01 min
 Lab File: VL036759.D
 Acq: 8 Apr 2021 20:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	38.0	51.0	76.6#
175	3.0	3.9	5.9#





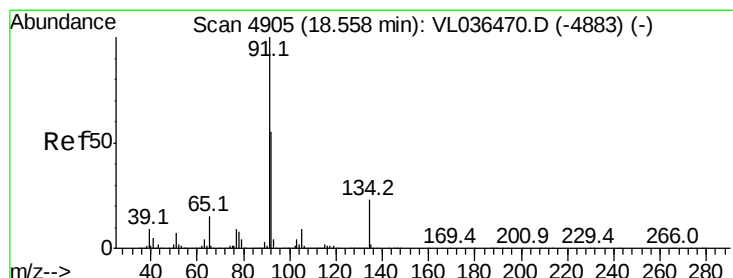
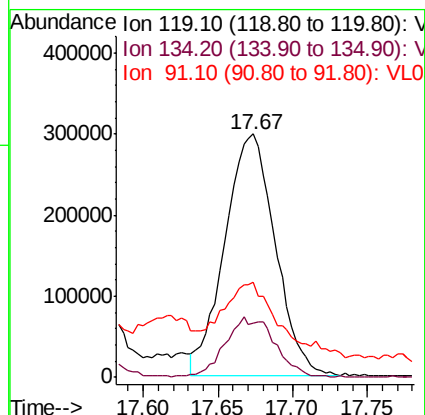
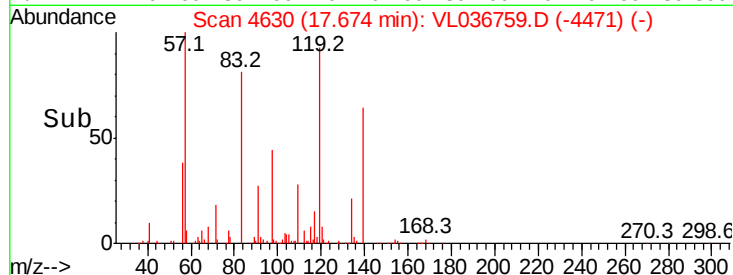
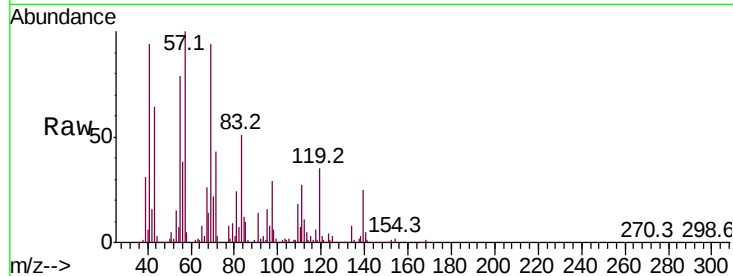
#69
p-Isopropyltoluene
Concen: 1.727 ppbv
RT: 17.67 min Scan# 4630
Delta R.T. 0.01 min
Lab File: VL036759.D
Acq: 8 Apr 2021 20:36

Instrument :
MSVOA_L
ClientSampleId :
SG-3

Tot Ion	Ratio	Resp	Lower	Upper
119	100	698842		
134	25.1	20.6	30.8	
91	35.1	25.0	37.6	

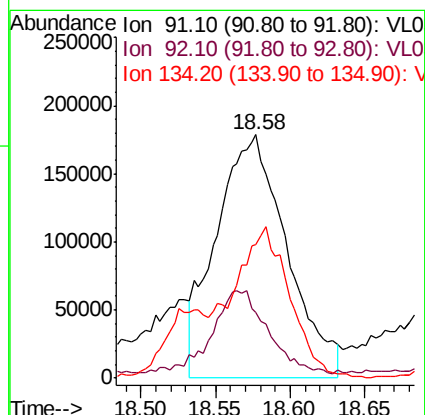
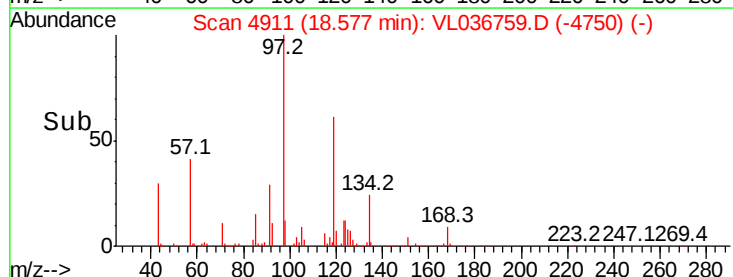
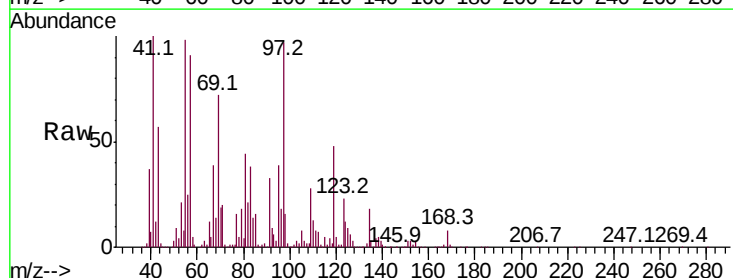
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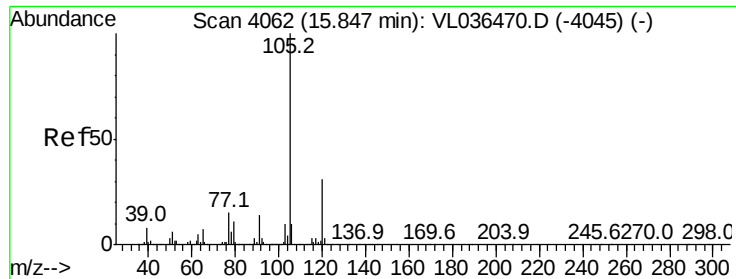
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#70
n-Butylbenzene
Concen: 1.406 ppbv m
RT: 18.58 min Scan# 4911
Delta R.T. 0.02 min
Lab File: VL036759.D
Acq: 8 Apr 2021 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	589608		
92	0.0	43.8	65.8#	
134	0.0	18.0	27.0#	





#72

4-Ethyltoluene

Concen: 2.773 ppbv m

RT: 15.85 min Scan# 4064

Delta R.T. 0.01 min

Lab File: VL036759.D

Acq: 8 Apr 2021 20:36

Instrument :

MSVOA_L

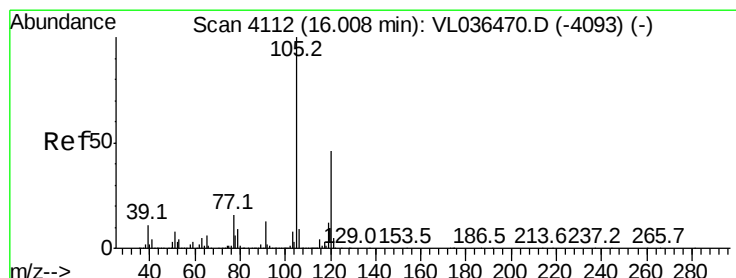
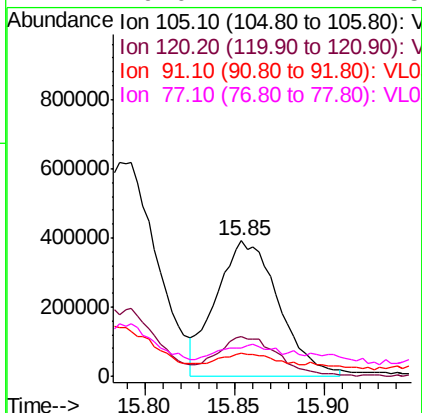
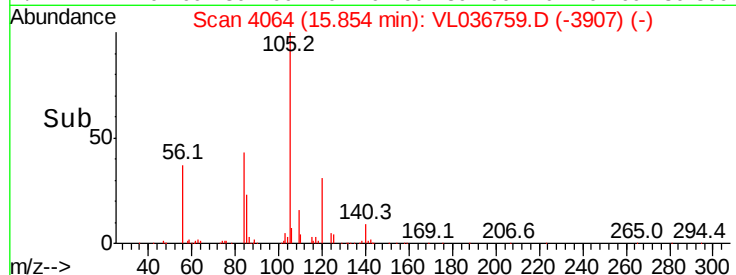
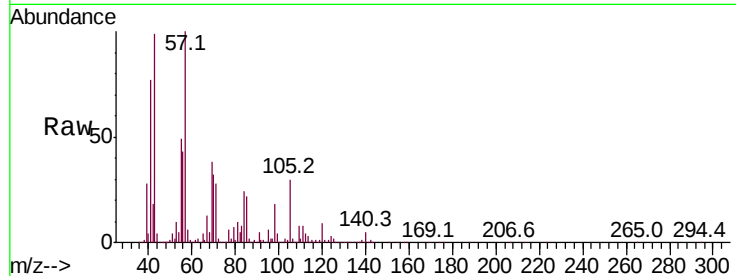
ClientSampled :

SG-3

Tot Ion:	105	Resp:	954972
Ion Ratio	Lower	Upper	
105	100		
120	28.1	24.0	36.0
91	16.9	11.0	16.4#
77	0.0	11.7	17.5#

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#73

1,3,5-Trimethylbenzene

Concen: 4.685 ppbv

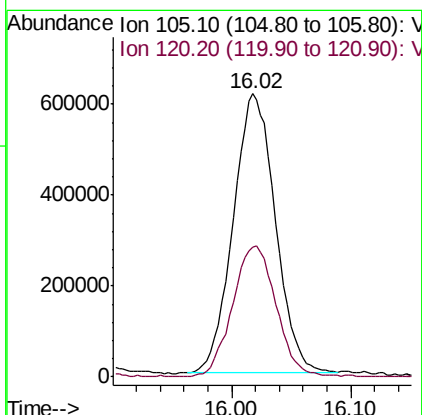
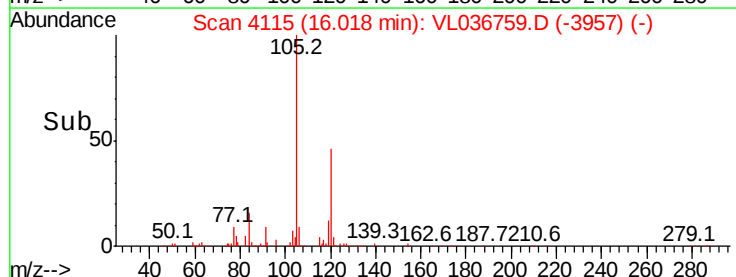
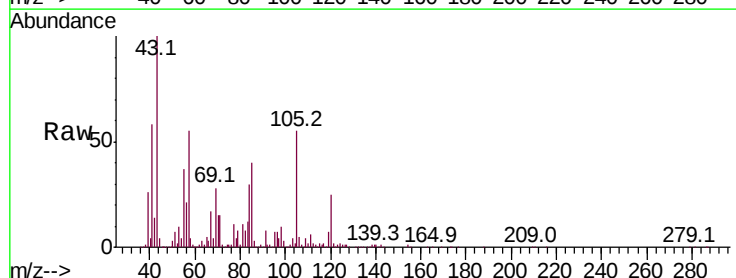
RT: 16.02 min Scan# 4115

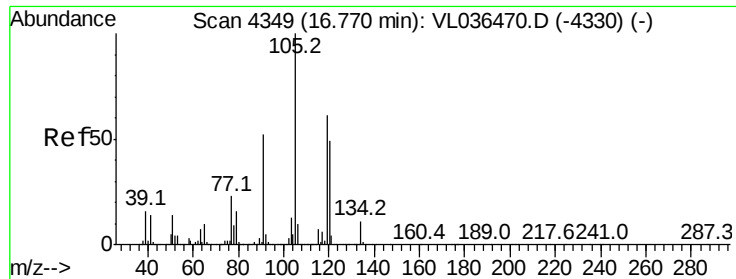
Delta R.T. 0.01 min

Lab File: VL036759.D

Acq: 8 Apr 2021 20:36

Tgt Ion:	105	Resp:	1505982
Ion Ratio	Lower	Upper	
105	100		
120	46.3	36.6	54.8





#74

1,2,4-Trimethylbenzene

Concen: 5.732 ppbv

RT: 16.78 min Scan# 4352

Delta R.T. 0.01 min

Lab File: VL036759.D

Acq: 8 Apr 2021 20:36

Instrument :

MSVOA_L

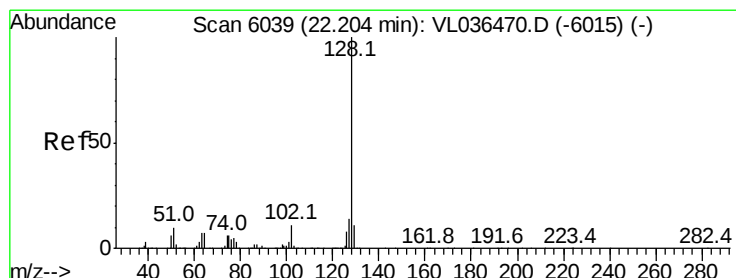
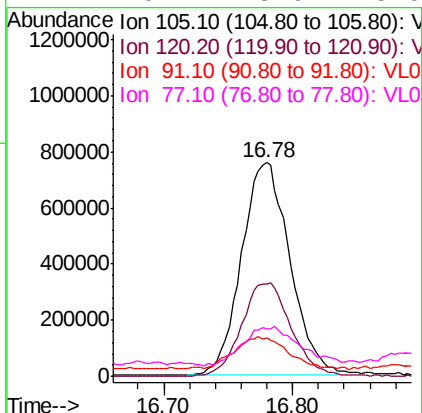
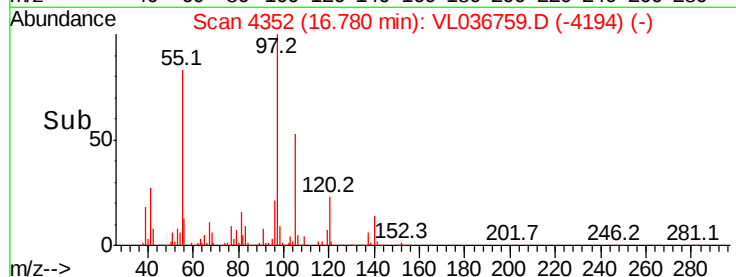
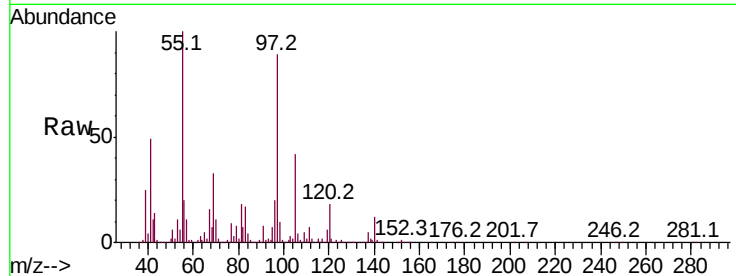
ClientSampled :

SG-3

Tot Ion	Ratio	Resp	Lower	Upper
105	100	1971728		
120	43.1	39.2	58.8	
91	14.7	42.6	64.0	
77	16.2	18.6	28.0	

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#79

Naphthalene

Concen: 0.842 ppbv

RT: 22.20 min Scan# 6038

Delta R.T. -0.00 min

Lab File: VL036759.D

Acq: 8 Apr 2021 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	169073		
127	10.9	10.9	16.3	
129	13.0	9.0	13.4	

