

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022421\
 Data File : VL036368.D
 Acq On : 25 Feb 2021 2:45
 Operator : SY/AP
 Sample : M1463-10
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-3

Quant Time: Feb 25 05:21:59 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1667119	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	3678357	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.10	117	3433867	10.00	ppbv	0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2728118	9.66	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.60%

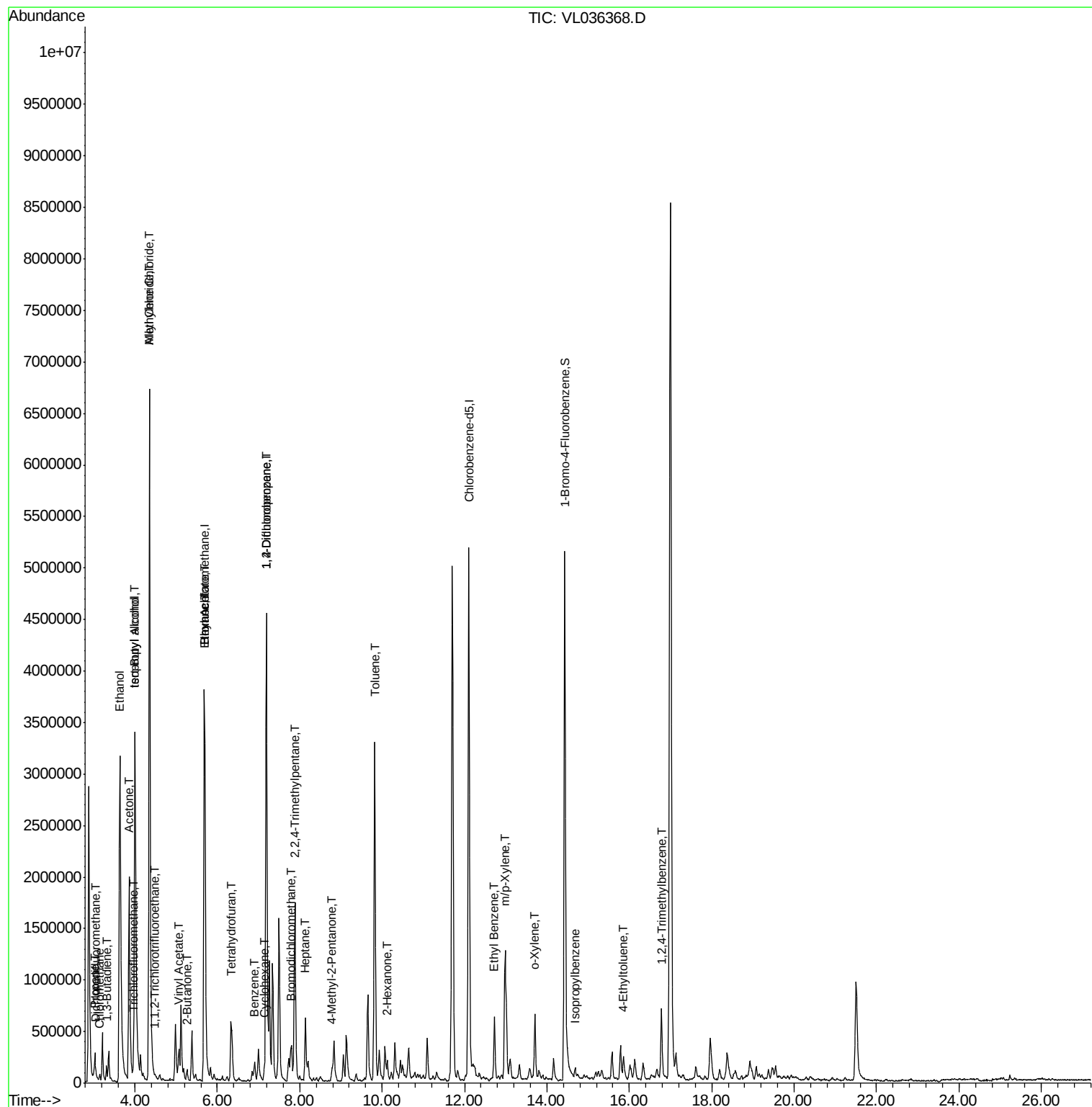
Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	45529	0.183	ppbv 98
4) Chloromethane	3.14	50	65925	0.659	ppbv # 77
9) Propene	3.02	41	88253	1.143	ppbv # 81
10) Heptane	8.14	43	252156	1.108	ppbv 93
11) Trichlorofluoromethane	3.96	101	54932	0.225	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	5670	0.038	ppbv # 13
13) Ethanol	3.64	45	5336913	367.911	ppbv 90
15) Acetone	3.85	43	2662639	13.066	ppbv 100
16) 1,3-Butadiene	3.31	39	51225	0.526	ppbv # 9
17) tert-Butyl alcohol	4.00	59	185770	1.174	ppbv 97
19) Isopropyl Alcohol	4.00	45	5763665	51.050	ppbv # 98
20) Methylene Chloride	4.35	84	2800570	42.597	ppbv 98
21) Allyl Chloride	4.35	41	126451	1.115	ppbv # 18
23) Vinyl Acetate	5.07	43	141067	0.589	ppbv # 27
25) Ethyl Acetate	5.70	43	789515	2.007	ppbv # 81
26) Hexane	5.70	57	962835	5.957	ppbv # 41
30) Cyclohexane	7.14	84	26327	0.196	ppbv # 66
34) 2-Butanone	5.26	43	125163	0.512	ppbv # 87
36) Benzene	6.91	78	138573	0.443	ppbv # 91
39) 1,2-Dichloropropane	7.19	63	1041496	8.205	ppbv # 22
41) Tetrahydrofuran	6.33	42	40347	0.296	ppbv # 40
42) Bromodichloromethane	7.80	83	12988	0.050	ppbv # 25
44) 2,2,4-Trimethylpentane	7.88	57	1533651	2.699	ppbv 90
50) 4-Methyl-2-Pentanone	8.77	43	12820	0.035	ppbv # 42
51) 2-Hexanone	10.13	43	41152	0.149	ppbv # 34
53) Toluene	9.82	91	2257919	6.671	ppbv 99
58) Ethyl Benzene	12.73	91	542797	1.154	ppbv 99
59) m/p-Xylene	12.99	91	1369870	3.317	ppbv 96
60) o-Xylene	13.71	91	499572	1.265	ppbv 99
62) Isopropylbenzene	14.69	105	69339	0.117	ppbv 100
72) 4-Ethyltoluene	15.85	105	83015	0.189	ppbv # 48
74) 1,2,4-Trimethylbenzene	16.78	105	529098	1.217	ppbv # 73

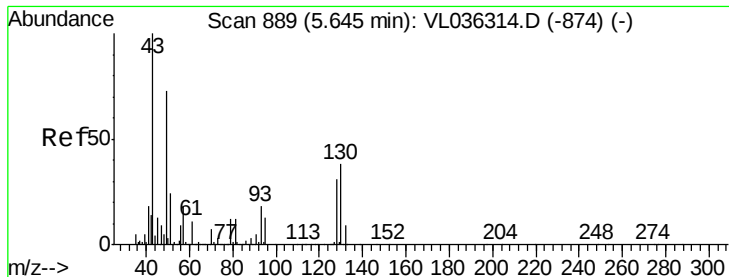
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 10 16:04:02 2021
QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.03 min

Lab File: VL036368.D

Acq: 25 Feb 2021 2:45

Instrument :

MSVOA_L

ClientSampleId :

NS-3

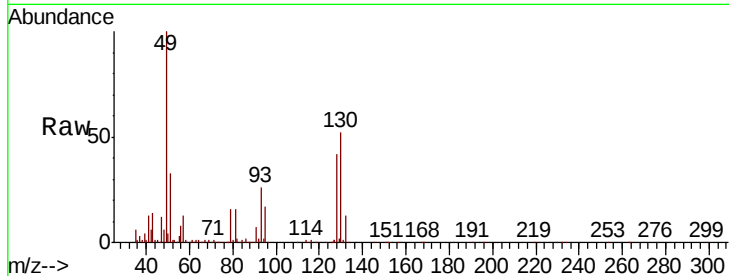
Tot Ion: 49 Resp: 1667119

Ion Ratio Lower Upper

49 100

128 42.1 20.8 62.5

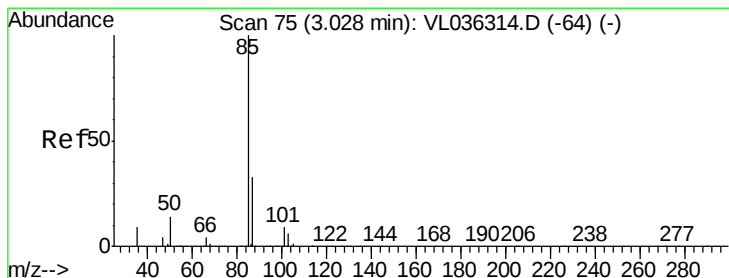
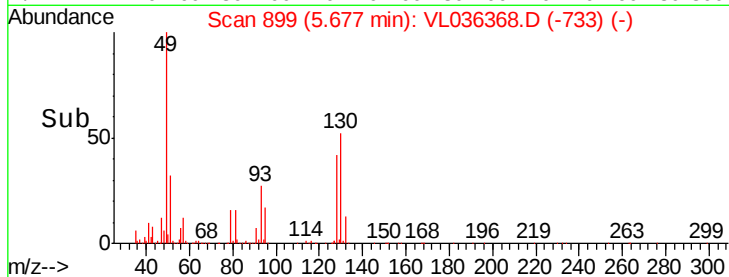
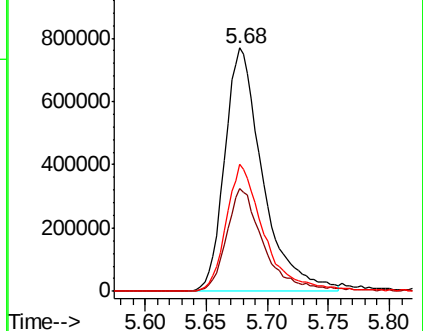
130 53.0 26.7 80.1



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.183 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.02 min

Lab File: VL036368.D

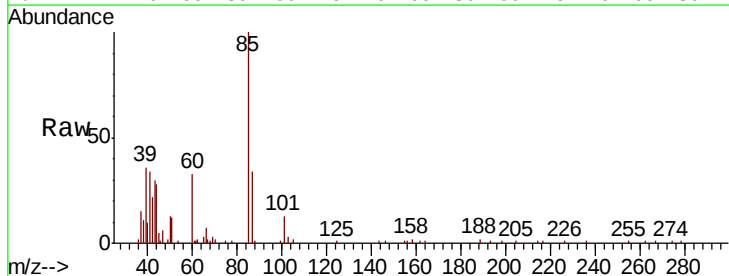
Acq: 25 Feb 2021 2:45

Tgt Ion: 85 Resp: 45529

Ion Ratio Lower Upper

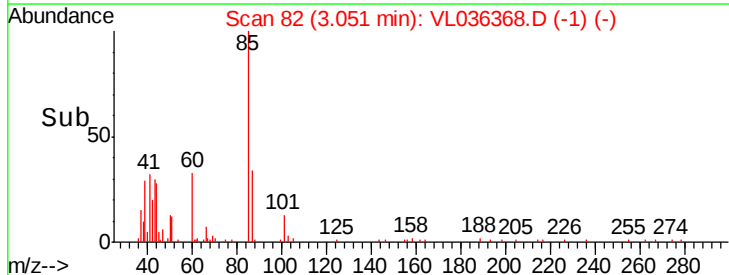
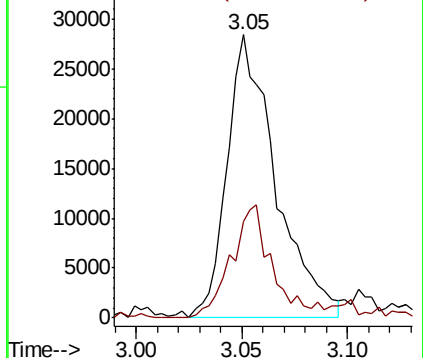
85 100

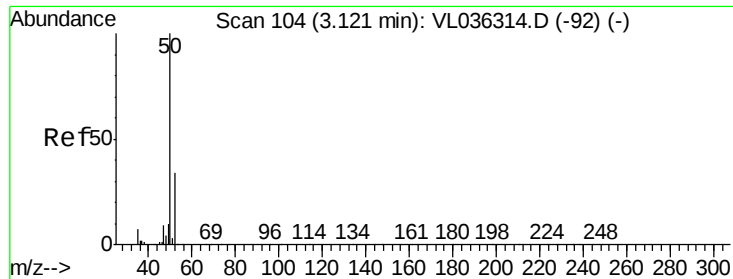
87 34.2 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

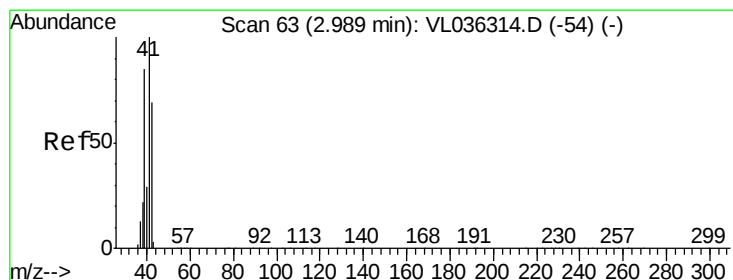
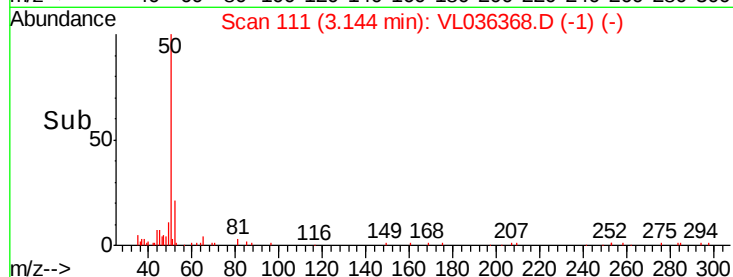
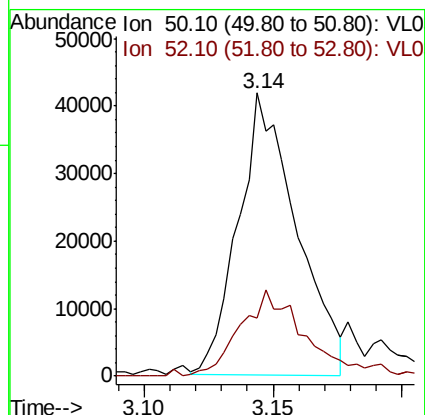
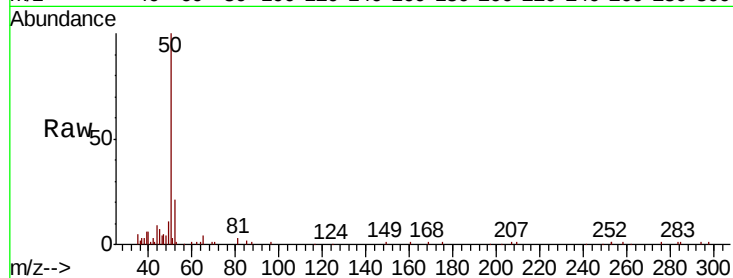




#4
Chloromethane
Concen: 0.659 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.02 min
Lab File: VL036368.D
Acq: 25 Feb 2021 2:45

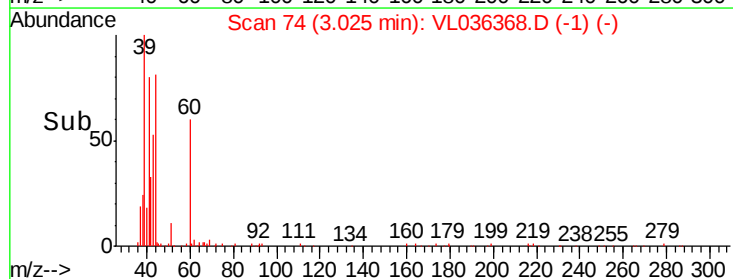
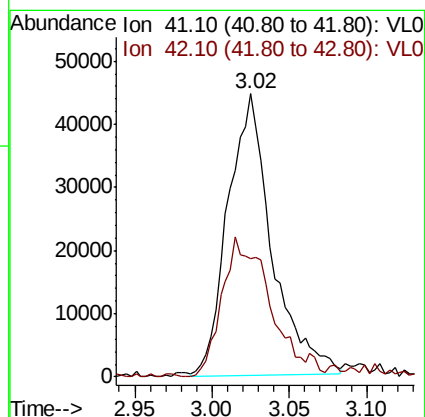
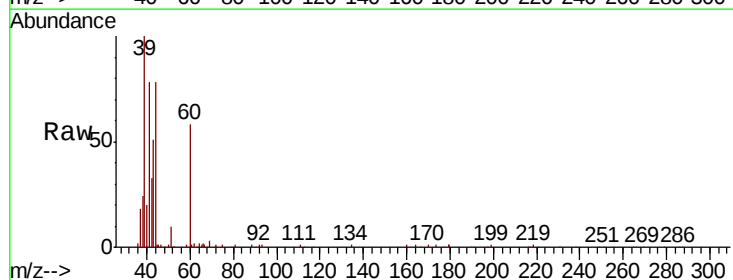
Instrument :
MSVOA_L
ClientSampleId :
NS-3

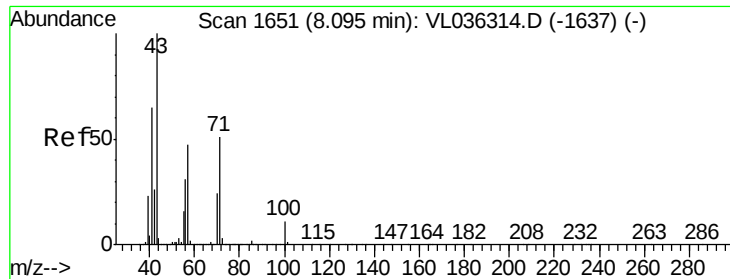
Tot Ion: 50 Resp: 65925
Ion Ratio Lower Upper
50 100
52 20.4 27.0 40.4#



#9
Propene
Concen: 1.143 ppbv
RT: 3.02 min Scan# 74
Delta R.T. 0.04 min
Lab File: VL036368.D
Acq: 25 Feb 2021 2:45

Tgt Ion: 41 Resp: 88253
Ion Ratio Lower Upper
41 100
42 54.9 56.2 84.2#





#10

Heptane

Concen: 1.108 ppbv

RT: 8.14 min Scan# 1665

Delta R.T. 0.05 min

Lab File: VL036368.D

Acq: 25 Feb 2021 2:45

Instrument :

MSVOA_L

ClientSampleId :

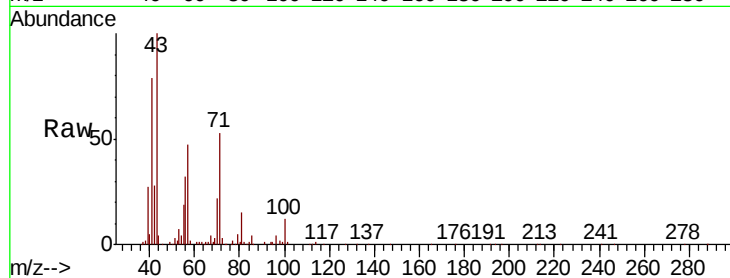
NS-3

Tot Ion: 43 Resp: 252156

Ion Ratio Lower Upper

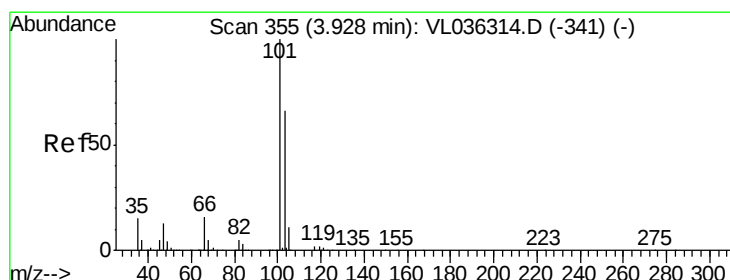
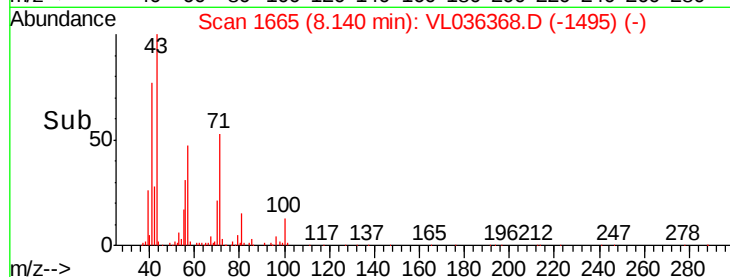
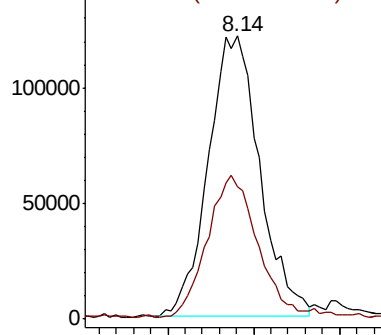
43 100

57 54.1 39.4 59.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#11

Trichlorofluoromethane

Concen: 0.225 ppbv

RT: 3.96 min Scan# 364

Delta R.T. 0.03 min

Lab File: VL036368.D

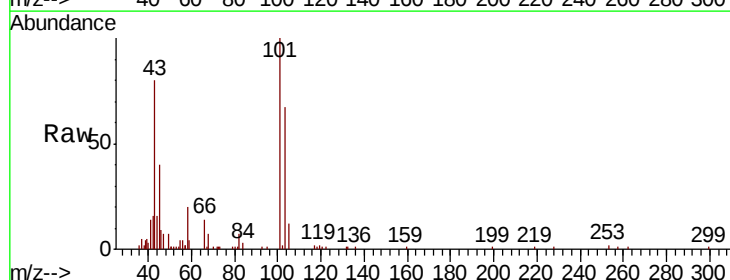
Acq: 25 Feb 2021 2:45

Tgt Ion: 101 Resp: 54932

Ion Ratio Lower Upper

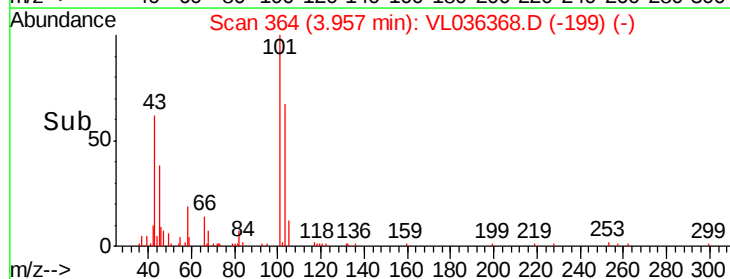
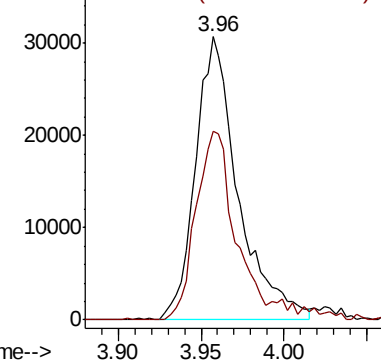
101 100

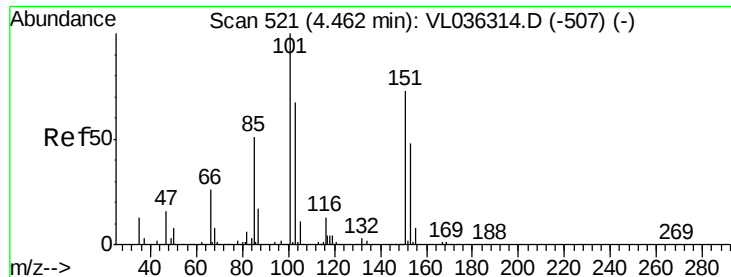
103 66.8 52.9 79.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.038 ppbv

RT: 4.49 min Scan# 530

Delta R.T. 0.03 min

Lab File: VL036368.D

Acq: 25 Feb 2021 2:45

Instrument :

MSVOA_L

ClientSampleId :

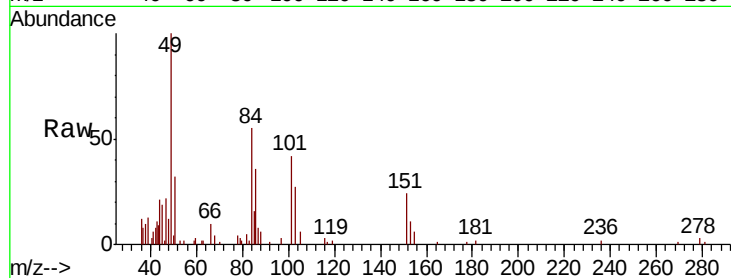
NS-3

Tot Ion:101 Resp: 5670

Ion Ratio Lower Upper

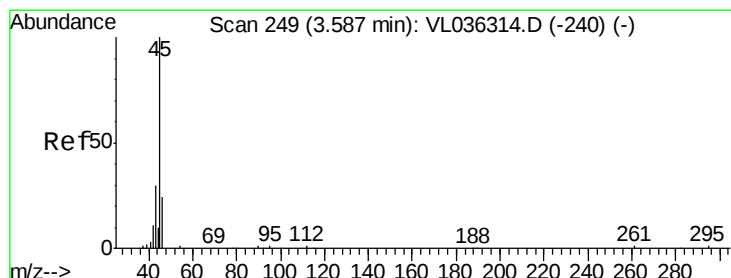
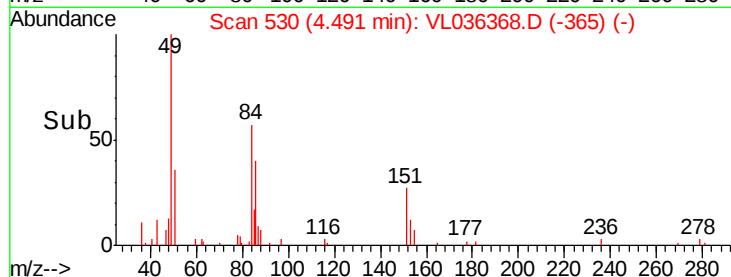
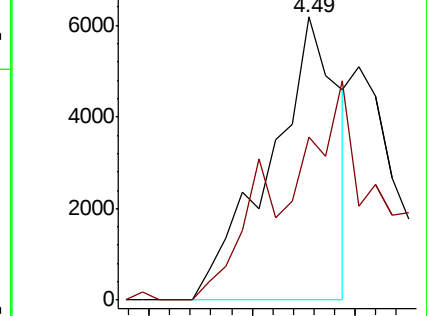
101 100

151 0.0 58.2 87.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#13

Ethanol

Concen: 367.911 ppbv

RT: 3.64 min Scan# 264

Delta R.T. 0.05 min

Lab File: VL036368.D

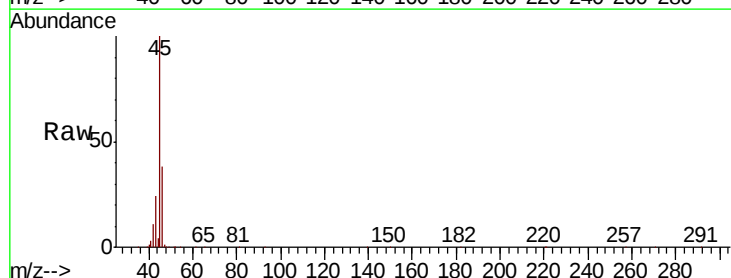
Acq: 25 Feb 2021 2:45

Tgt Ion: 45 Resp: 5336913

Ion Ratio Lower Upper

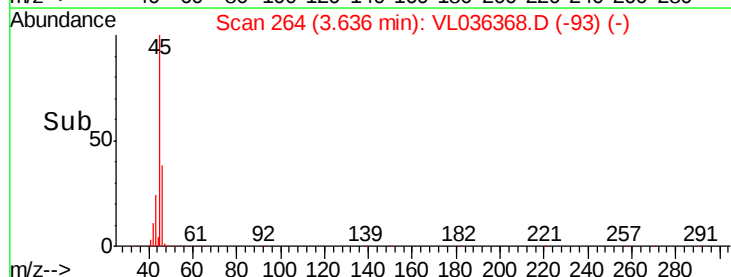
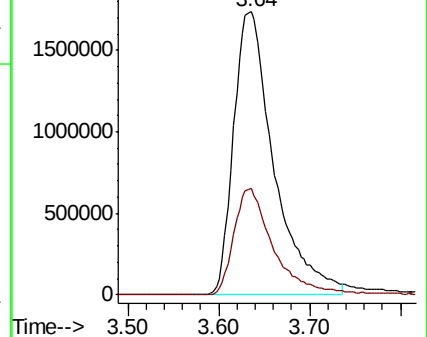
45 100

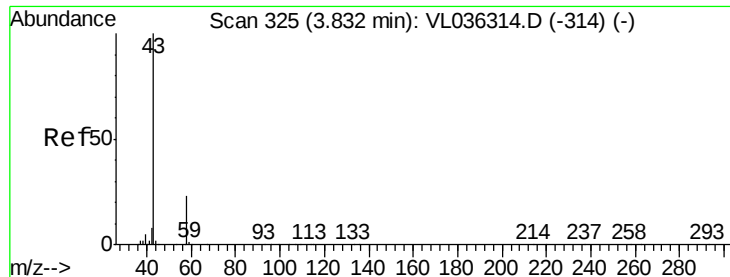
46 37.6 17.7 70.7



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 13.066 ppbv

RT: 3.85 min Scan# 332

Delta R.T. 0.02 min

Lab File: VL036368.D

Acq: 25 Feb 2021 2:45

Instrument :

MSVOA_L

ClientSampleId :

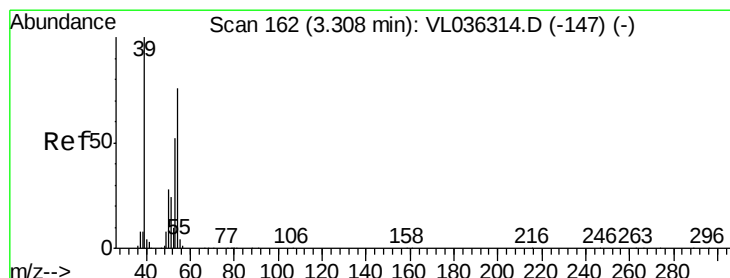
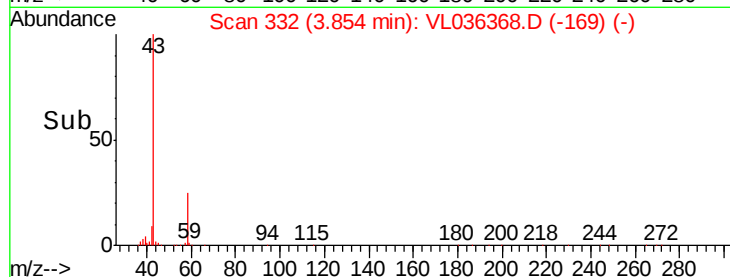
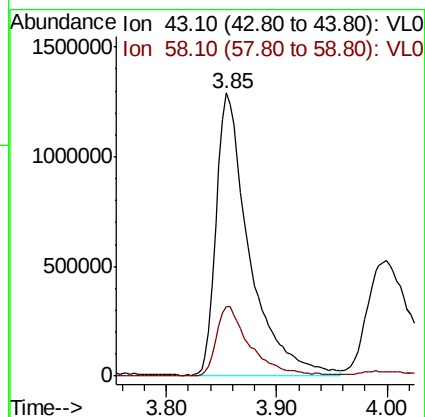
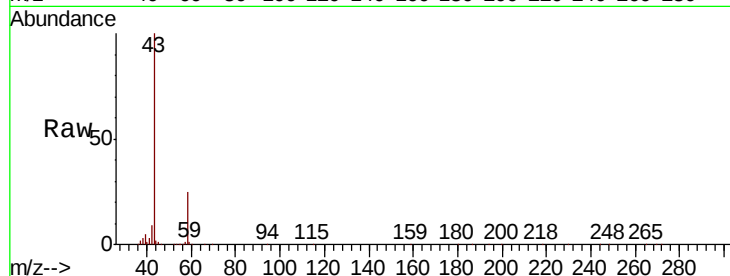
NS-3

Tot Ion: 43 Resp: 2662639

Ion Ratio Lower Upper

43 100

58 25.6 20.3 30.5



#16

1,3-Butadiene

Concen: 0.526 ppbv

RT: 3.31 min Scan# 163

Delta R.T. 0.00 min

Lab File: VL036368.D

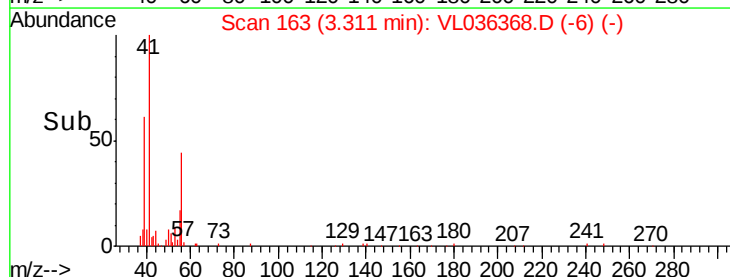
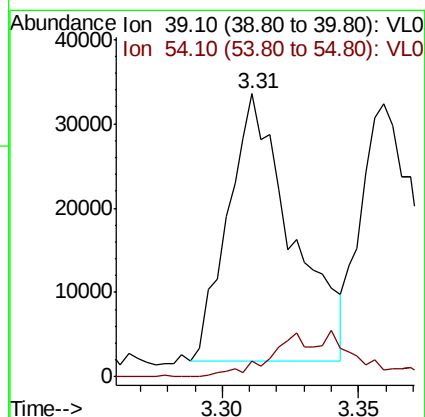
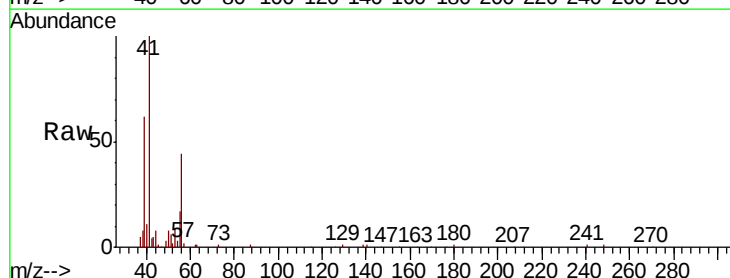
Acq: 25 Feb 2021 2:45

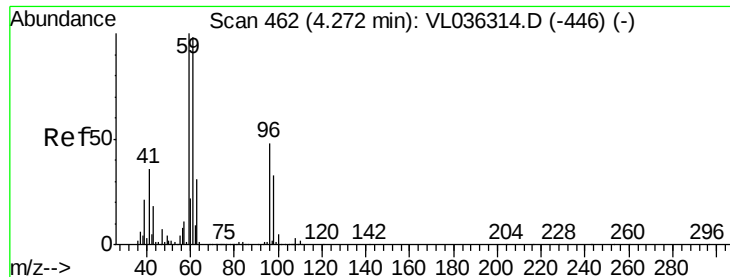
Tgt Ion: 39 Resp: 51225

Ion Ratio Lower Upper

39 100

54 0.0 64.4 96.6#



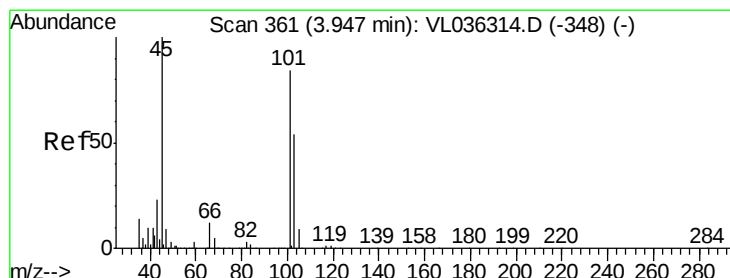
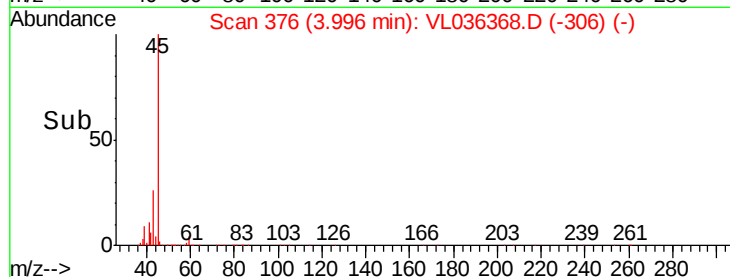
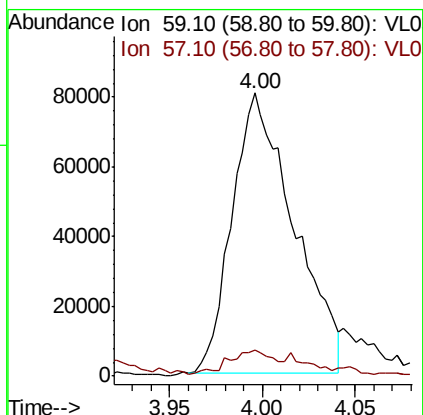
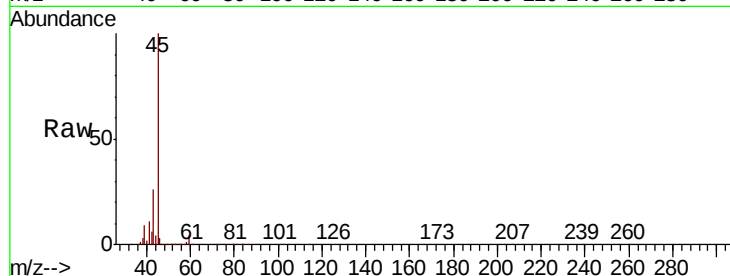


#17

tert-Butyl alcohol
 Concen: 1.174 ppbv
 RT: 4.00 min Scan# 376
 Delta R.T. -0.28 min
 Lab File: VL036368.D
 Acq: 25 Feb 2021 2:45

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-3

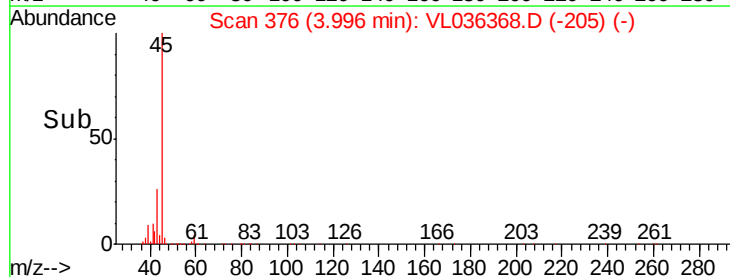
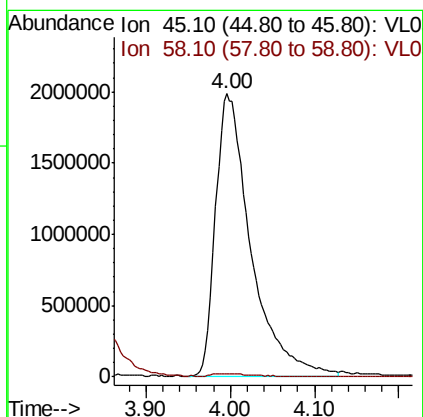
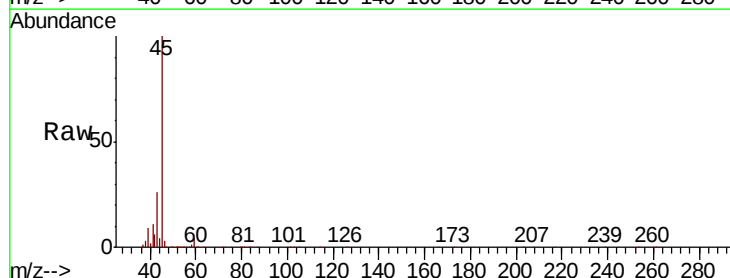
Tot Ion: 59 Resp: 185770
 Ion Ratio Lower Upper
 59 100
 57 12.3 9.0 13.4

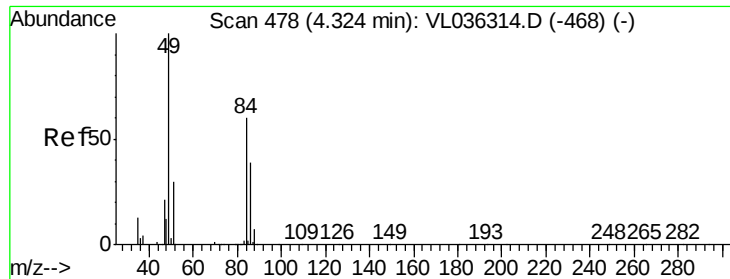


#19

Isopropyl Alcohol
 Concen: 51.050 ppbv
 RT: 4.00 min Scan# 376
 Delta R.T. 0.05 min
 Lab File: VL036368.D
 Acq: 25 Feb 2021 2:45

Tgt Ion: 45 Resp: 5763665
 Ion Ratio Lower Upper
 45 100
 58 1.6 1.9 2.9#



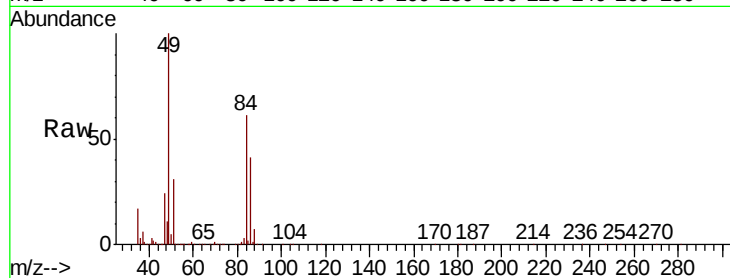


#20
Methylene Chloride
Concen: 42.597 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.03 min
Lab File: VL036368.D
Acq: 25 Feb 2021 2:45

Instrument :
MSVOA_L
ClientSampleId :
NS-3

Tot Ion: 84 Resp: 2800570

Ion	Ratio	Lower	Upper
84	100		
49	164.2	133.8	200.8
51	51.7	41.4	62.0
86	67.8	51.5	77.3



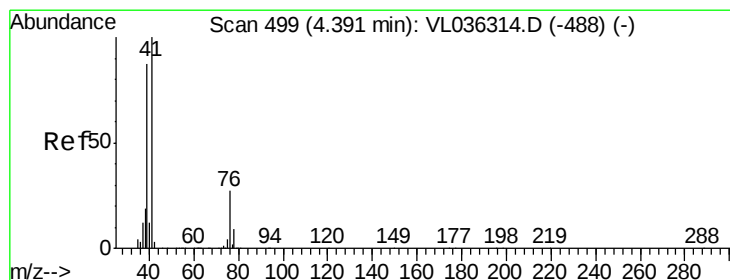
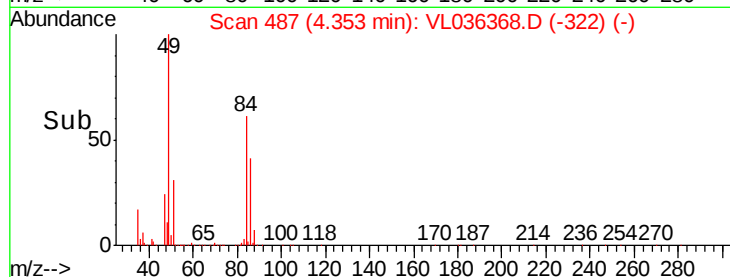
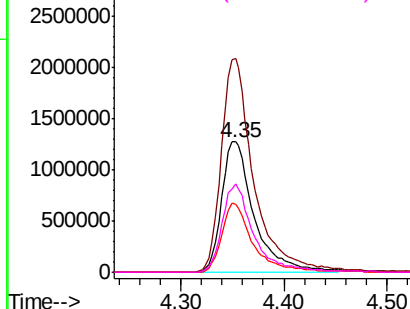
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

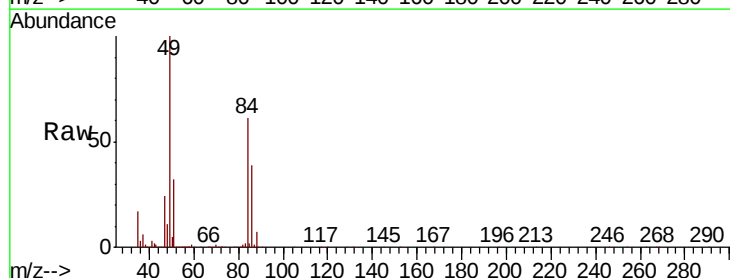
Ion 86.00 (85.70 to 86.70): VL0



#21
Allyl Chloride
Concen: 1.115 ppbv
RT: 4.35 min Scan# 486
Delta R.T. -0.04 min
Lab File: VL036368.D
Acq: 25 Feb 2021 2:45

Tgt Ion: 41 Resp: 126451

Ion	Ratio	Lower	Upper
41	100		
76	4.4	22.0	33.0#
39	0.0	70.2	105.2#

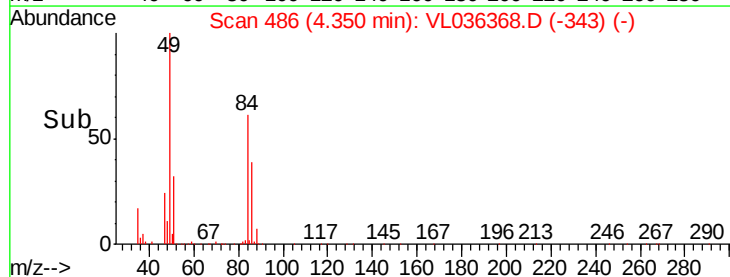
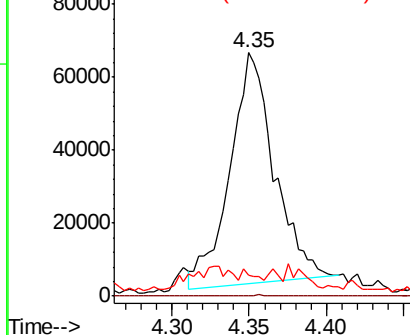


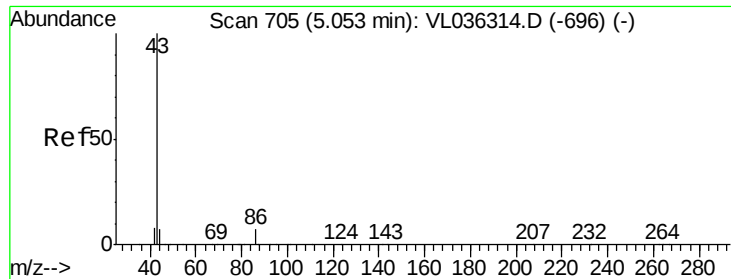
Abundance

Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0





#23

Vinyl Acetate

Concen: 0.589 ppbv

RT: 5.07 min Scan# 710

Delta R.T. 0.02 min

Lab File: VL036368.D

Acq: 25 Feb 2021 2:45

Instrument :

MSVOA_L

ClientSampleId :

NS-3

Tot Ion: 43 Resp: 141067

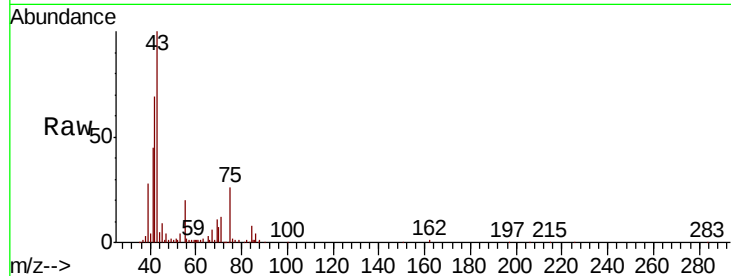
Ion Ratio Lower Upper

43 100

86 4.2 4.8 7.2#

42 65.4 7.4 11.0#

44 0.9 4.8 7.2#

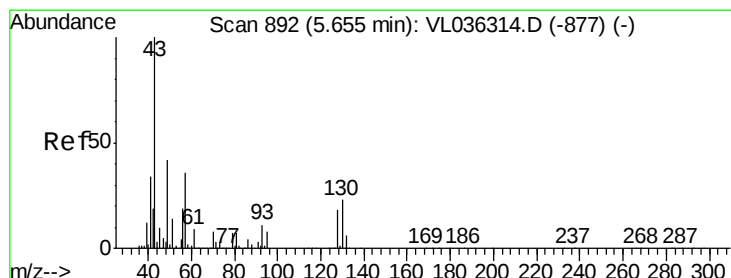
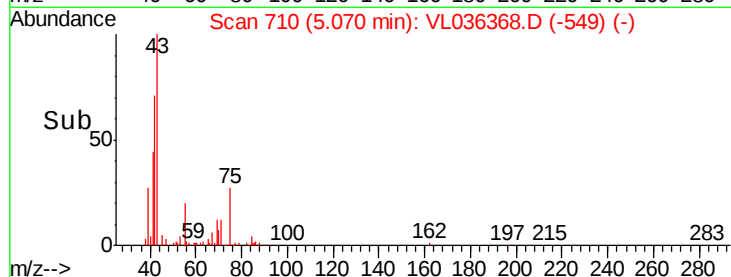
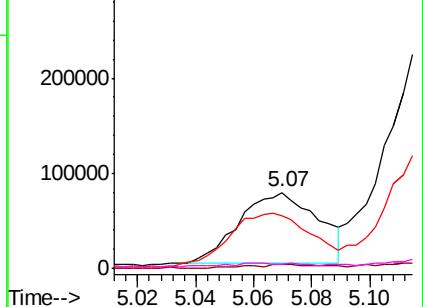


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#25

Ethyl Acetate

Concen: 2.007 ppbv

RT: 5.70 min Scan# 906

Delta R.T. 0.05 min

Lab File: VL036368.D

Acq: 25 Feb 2021 2:45

Tgt Ion: 43 Resp: 789515

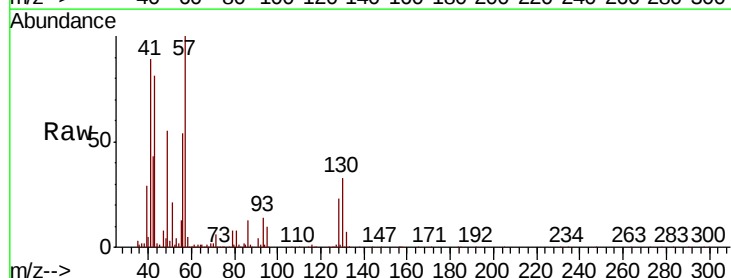
Ion Ratio Lower Upper

43 100

45 2.3 8.3 12.5#

61 1.7 7.3 10.9#

70 2.7 5.4 8.0#

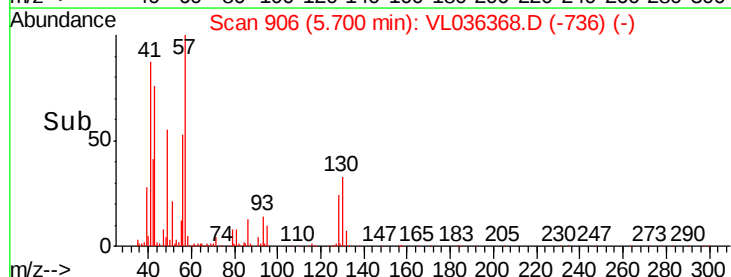
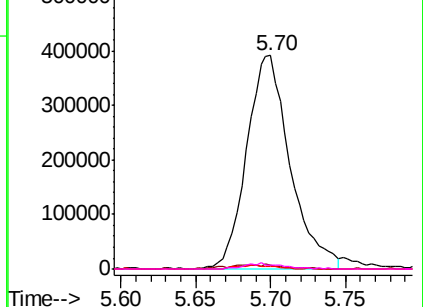


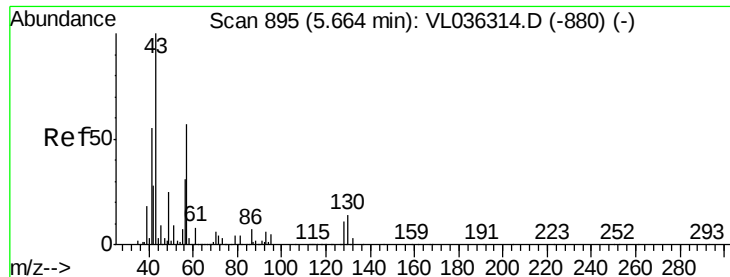
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0

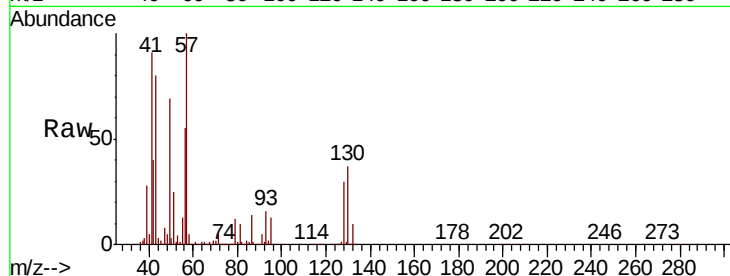




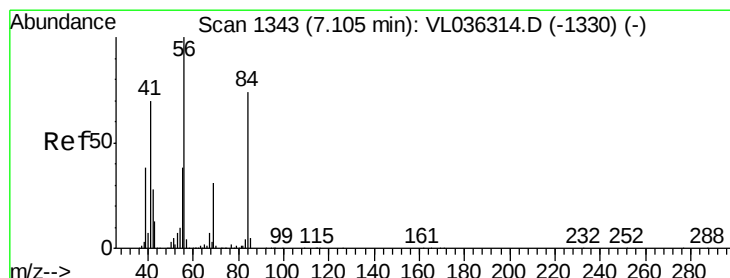
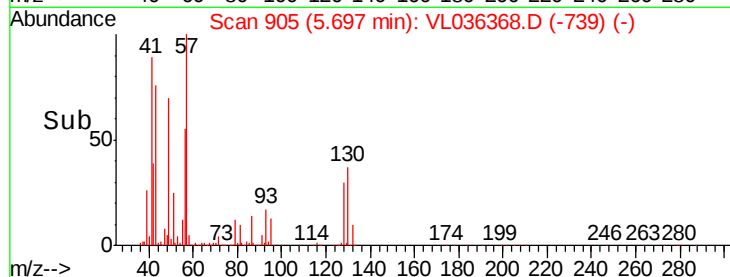
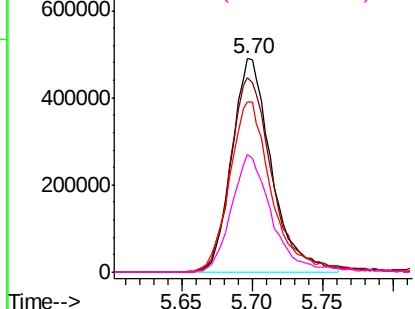
#26
Hexane
Concen: 5.957 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.03 min
Lab File: VL036368.D
Acq: 25 Feb 2021 2:45

Instrument :
MSVOA_L
ClientSampleId :
NS-3

Tot Ion: 57 Resp: 962835
Ion Ratio Lower Upper
57 100
41 97.5 81.7 122.5
43 84.3 199.1 298.7#
56 56.7 44.0 66.0

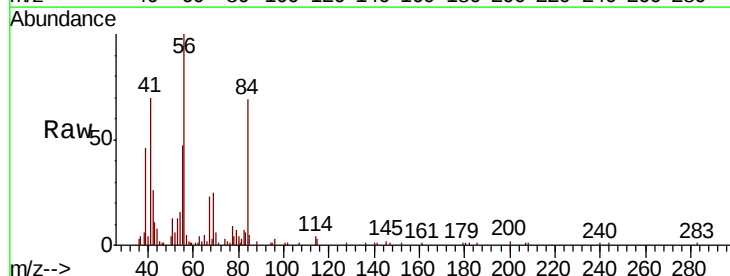


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

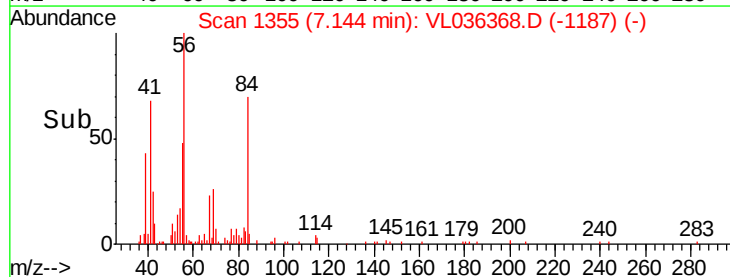
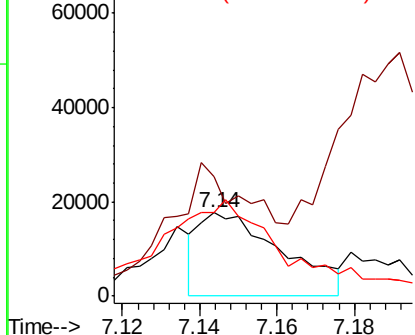


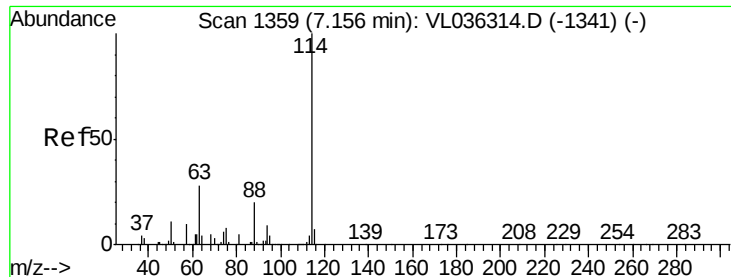
#30
Cyclohexane
Concen: 0.196 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. 0.04 min
Lab File: VL036368.D
Acq: 25 Feb 2021 2:45

Tgt Ion: 84 Resp: 26327
Ion Ratio Lower Upper
84 100
56 189.0 120.2 180.4#
41 140.1 79.7 119.5#



Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

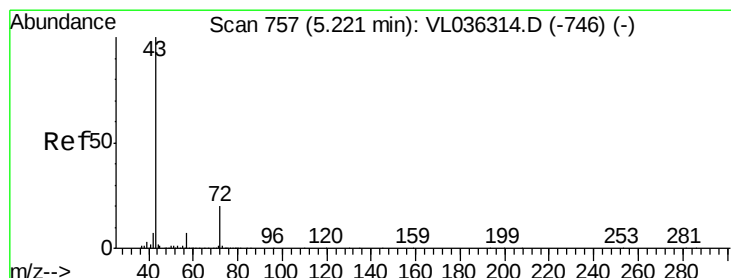
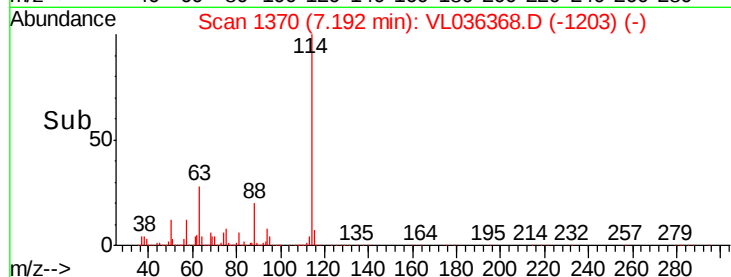
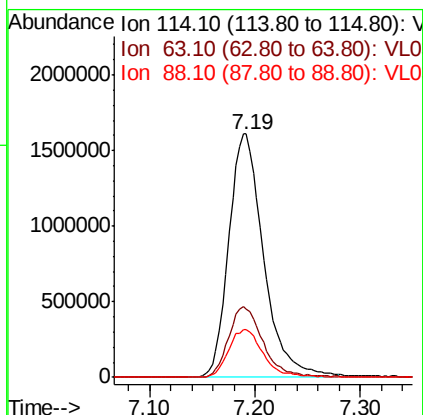
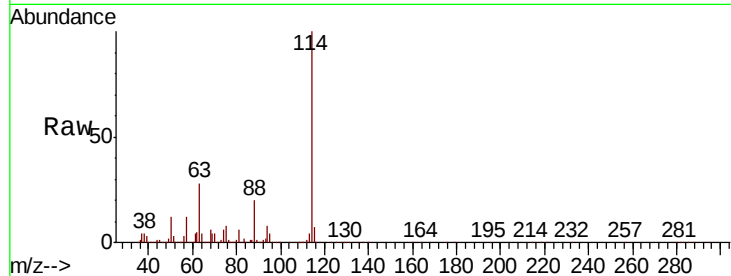




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. 0.04 min
 Lab File: VL036368.D
 Acq: 25 Feb 2021 2:45

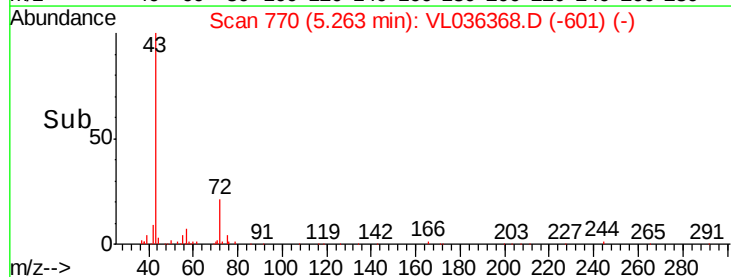
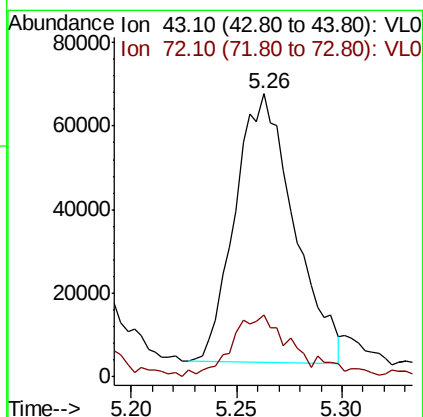
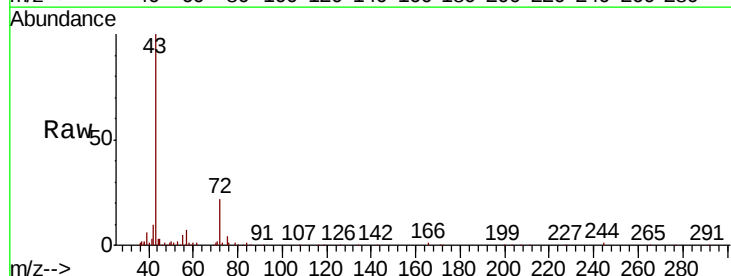
Instrument :
 MSVOA_L
 ClientSampleId :
 NS-3

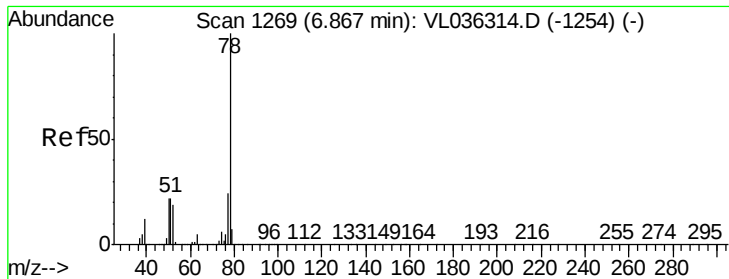
Tot Ion:114 Resp: 3678357
 Ion Ratio Lower Upper
 114 100
 63 29.4 24.1 36.1
 88 19.7 16.0 24.0



#34
 2-Butanone
 Concen: 0.512 ppbv
 RT: 5.26 min Scan# 770
 Delta R.T. 0.04 min
 Lab File: VL036368.D
 Acq: 25 Feb 2021 2:45

Tgt Ion: 43 Resp: 125163
 Ion Ratio Lower Upper
 43 100
 72 26.8 16.7 25.1#

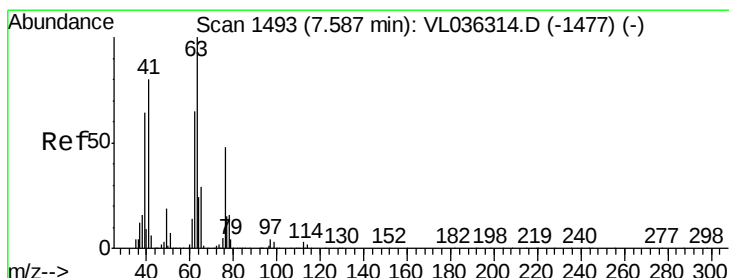
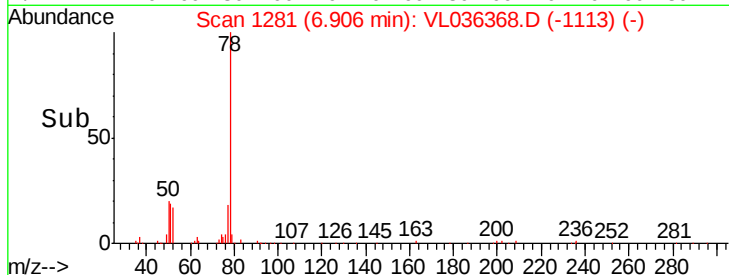
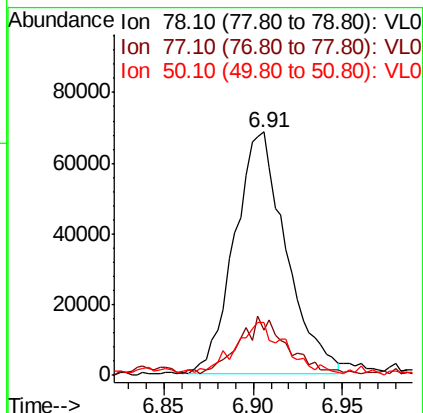
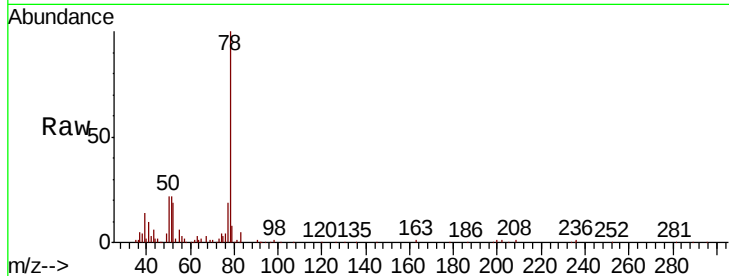




#36
Benzene
Concen: 0.443 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. 0.04 min
Lab File: VL036368.D
Acq: 25 Feb 2021 2:45

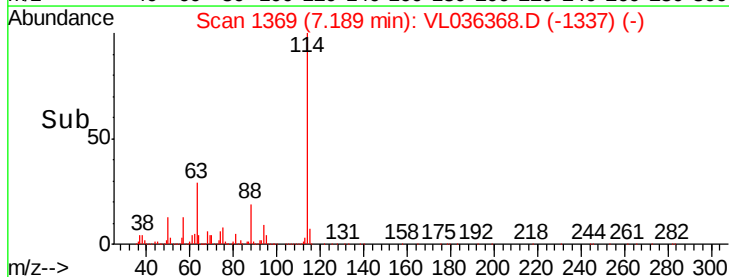
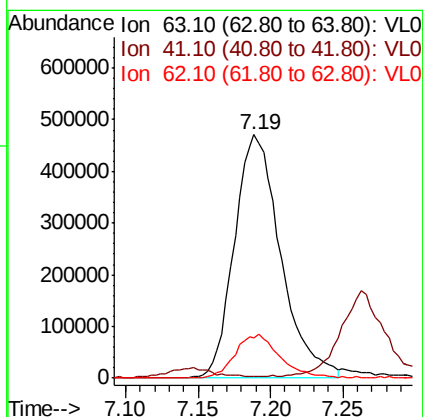
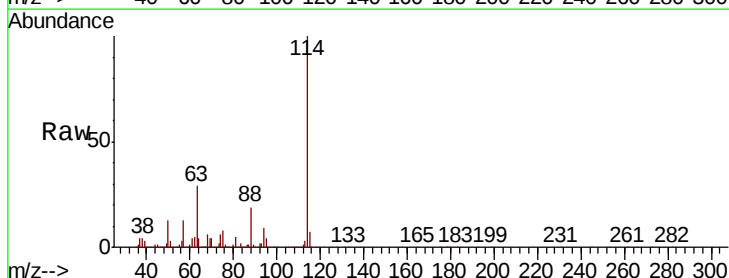
Instrument :
MSVOA_L
ClientSampleId :
NS-3

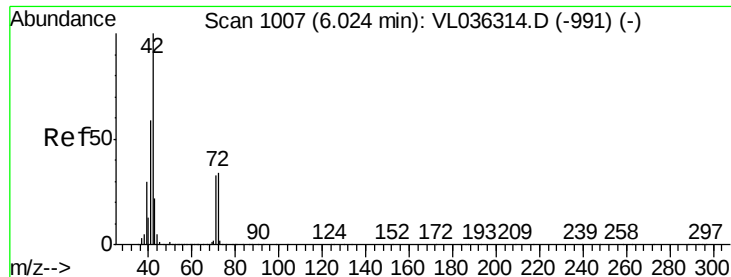
Tot Ion: 78 Resp: 138573
Ion Ratio Lower Upper
78 100
77 16.2 18.9 28.3#
50 20.5 17.3 25.9



#39
1,2-Dichloropropane
Concen: 8.205 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. -0.40 min
Lab File: VL036368.D
Acq: 25 Feb 2021 2:45

Tgt Ion: 63 Resp: 1041496
Ion Ratio Lower Upper
63 100
41 0.0 63.8 95.6#
62 16.3 52.3 78.5#





#41

Tetrahydrofuran

Concen: 0.296 ppbv

RT: 6.33 min Scan# 1102

Delta R.T. 0.31 min

Lab File: VL036368.D

Acq: 25 Feb 2021 2:45

Instrument :

MSVOA_L

ClientSampleId :

NS-3

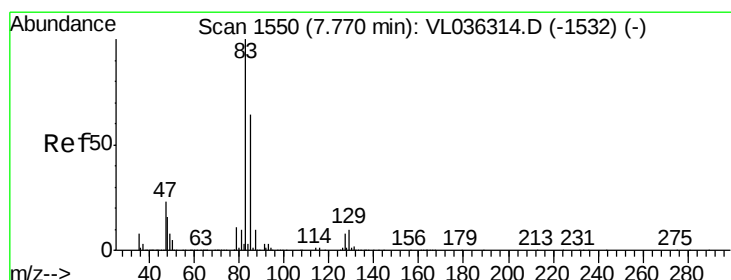
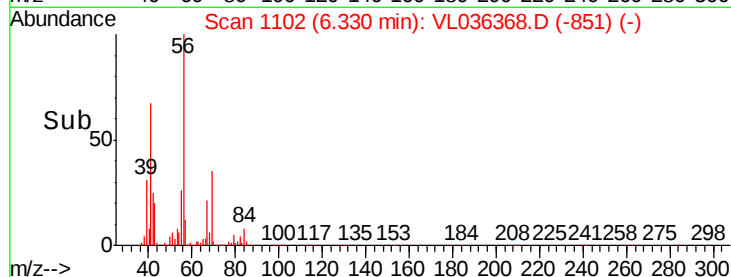
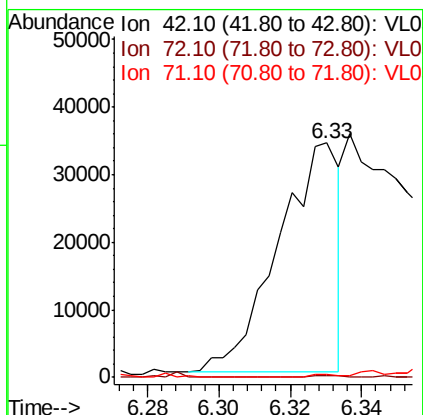
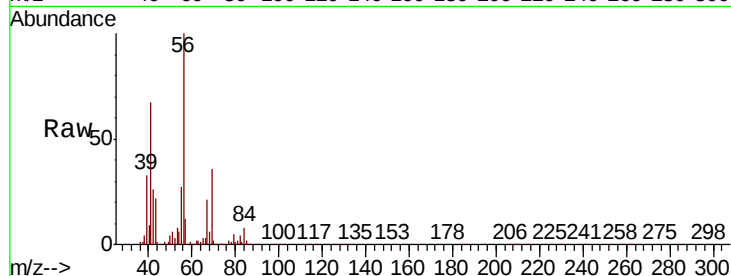
Tot Ion: 42 Resp: 40347

Ion Ratio Lower Upper

42 100

72 0.6 29.3 43.9#

71 0.0 27.8 41.8#



#42

Bromodichloromethane

Concen: 0.050 ppbv

RT: 7.80 min Scan# 1560

Delta R.T. 0.03 min

Lab File: VL036368.D

Acq: 25 Feb 2021 2:45

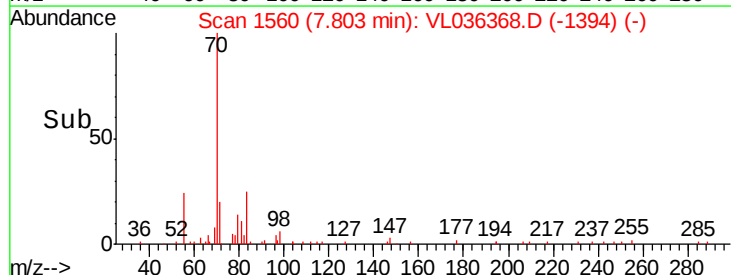
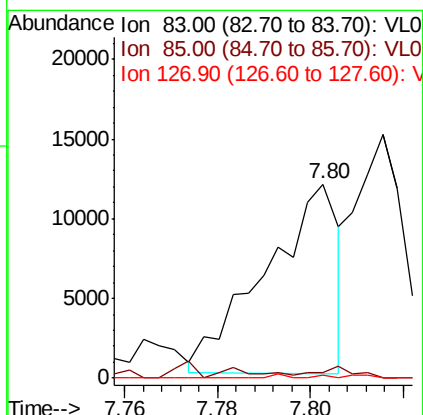
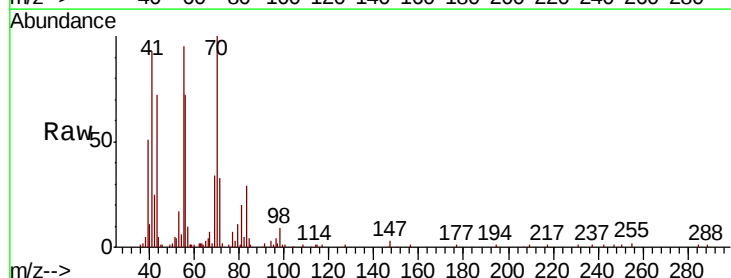
Tgt Ion: 83 Resp: 12988

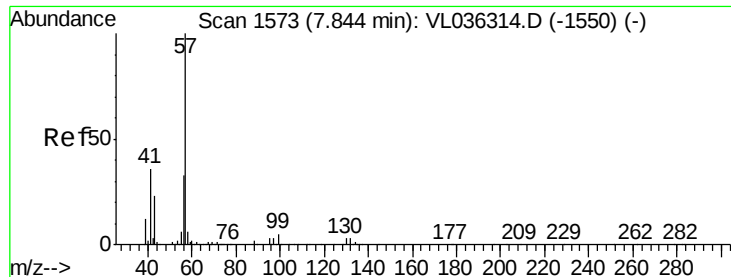
Ion Ratio Lower Upper

83 100

85 0.0 51.1 76.7#

127 2.0 6.3 9.5#

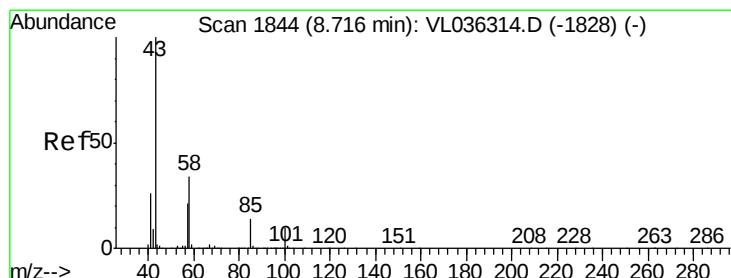
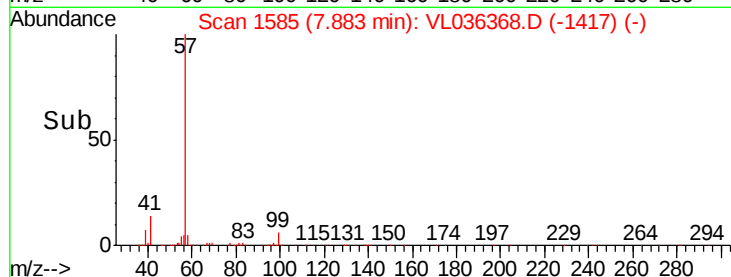
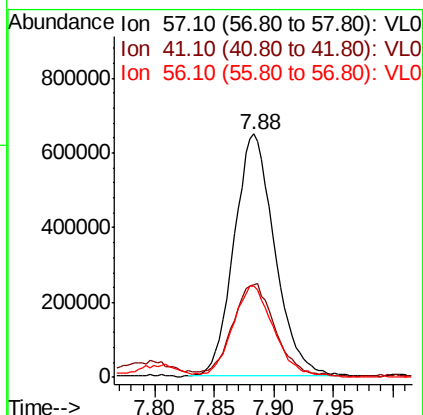
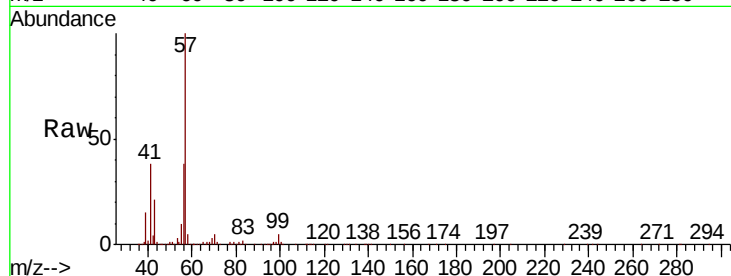




#44
 2,2,4-Trimethylpentane
 Concen: 2.699 ppbv
 RT: 7.88 min Scan# 1585
 Delta R.T. 0.04 min
 Lab File: VL036368.D
 Acq: 25 Feb 2021 2:45

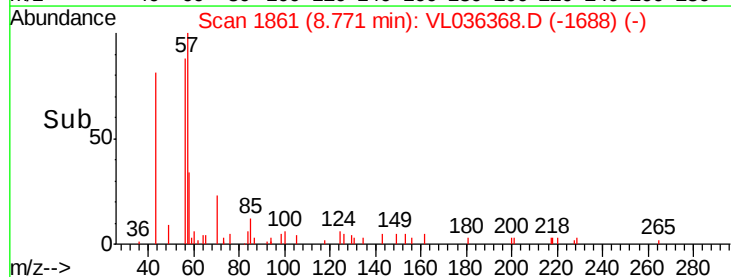
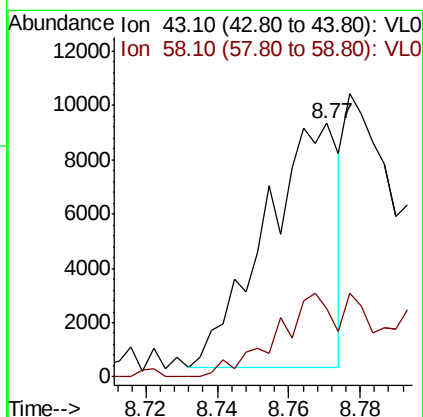
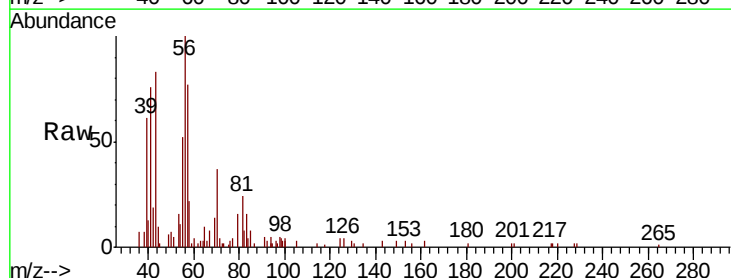
Instrument :
 MSVOA_L
 ClientSampleId :
 NS-3

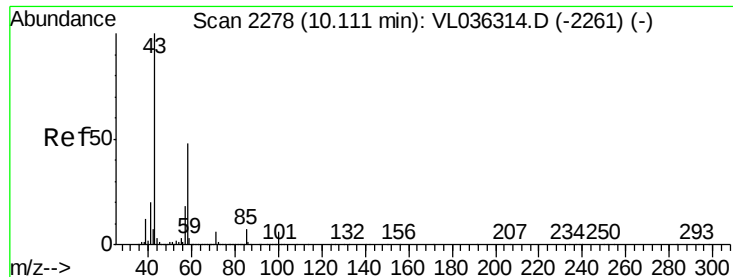
Tot Ion: 57 Resp: 1533651
 Ion Ratio Lower Upper
 57 100
 41 41.5 28.8 43.2
 56 38.4 25.8 38.6



#50
 4-Methyl-2-Pentanone
 Concen: 0.035 ppbv
 RT: 8.77 min Scan# 1861
 Delta R.T. 0.05 min
 Lab File: VL036368.D
 Acq: 25 Feb 2021 2:45

Tgt Ion: 43 Resp: 12820
 Ion Ratio Lower Upper
 43 100
 58 68.3 27.8 41.6#

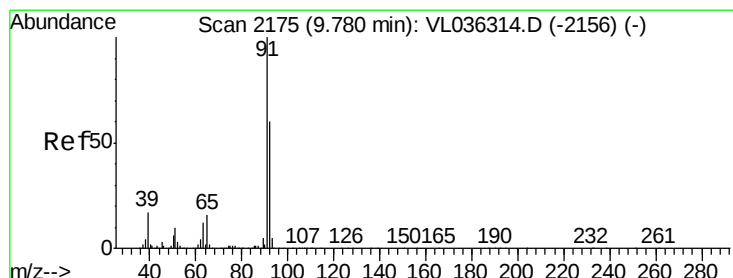
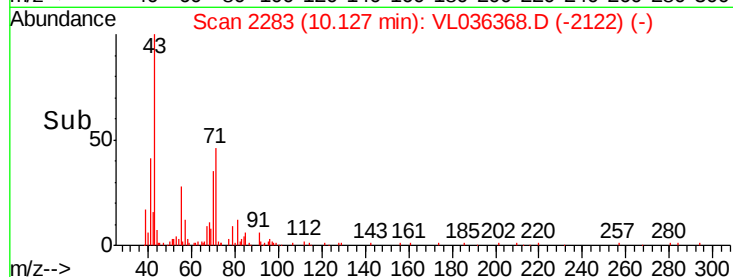
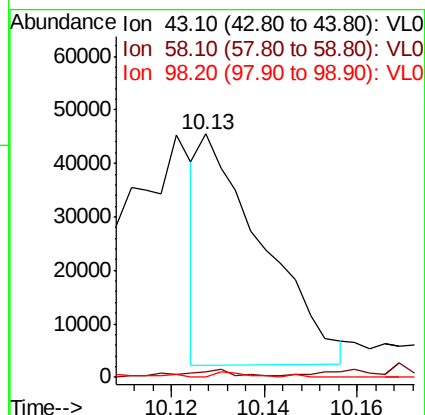
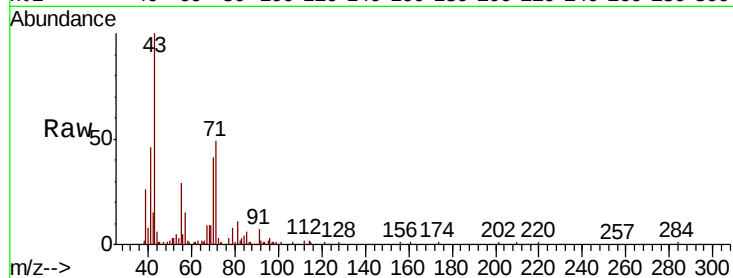




#51
2-Hexanone
Concen: 0.149 ppbv
RT: 10.13 min Scan# 2283
Delta R.T. 0.02 min
Lab File: VL036368.D
Acq: 25 Feb 2021 2:45

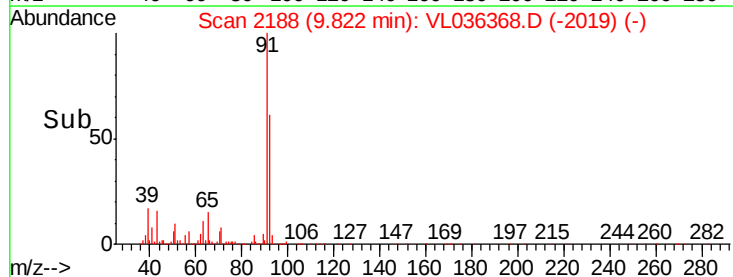
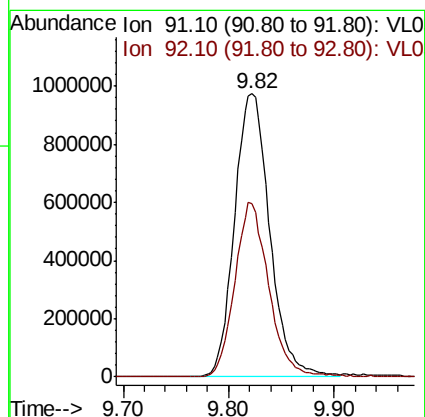
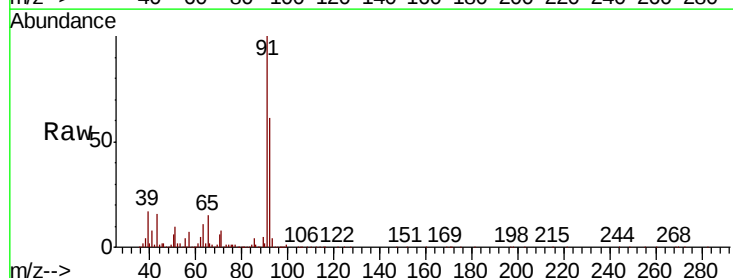
Instrument :
MSVOA_L
ClientSampleId :
NS-3

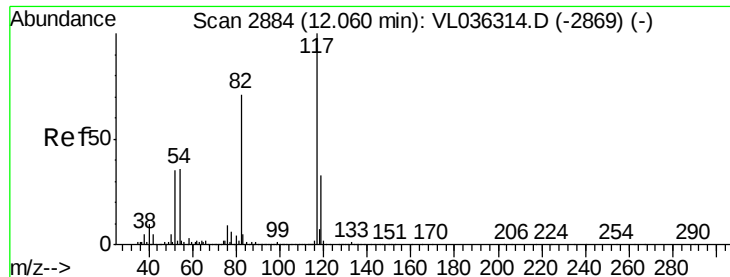
Tot Ion: 43 Resp: 41152
Ion Ratio Lower Upper
43 100
58 2.9 38.7 58.1#
98 2.1 0.4 0.6#



#53
Toluene
Concen: 6.671 ppbv
RT: 9.82 min Scan# 2188
Delta R.T. 0.04 min
Lab File: VL036368.D
Acq: 25 Feb 2021 2:45

Tgt Ion: 91 Resp: 2257919
Ion Ratio Lower Upper
91 100
92 59.9 48.6 72.8

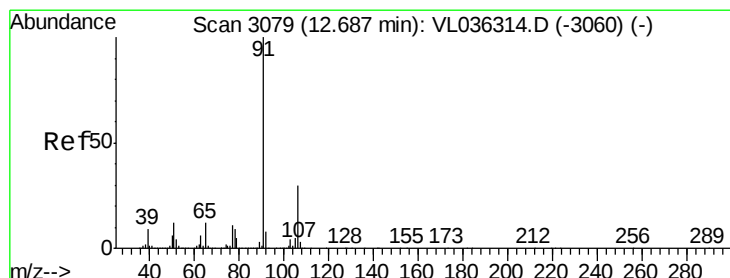
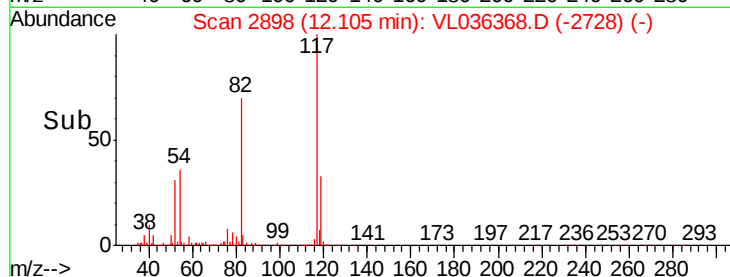
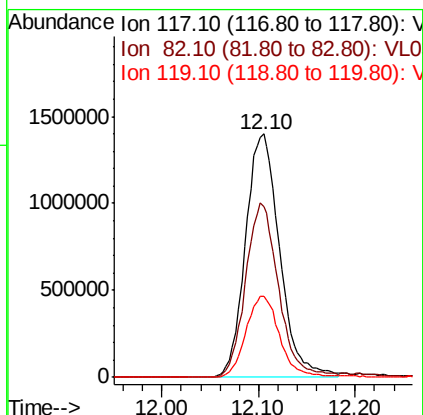
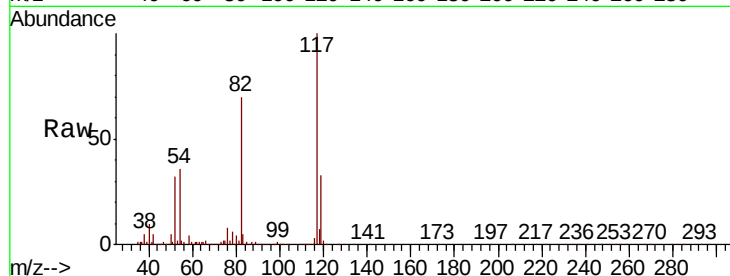




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. 0.05 min
Lab File: VL036368.D
Acq: 25 Feb 2021 2:45

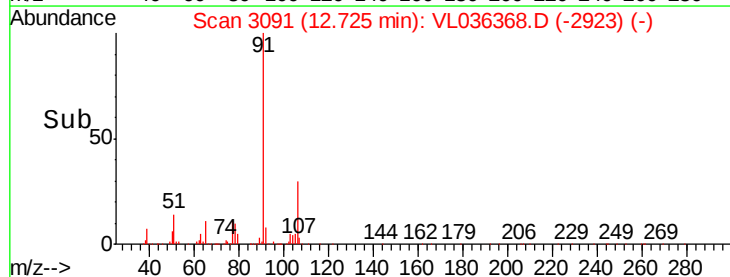
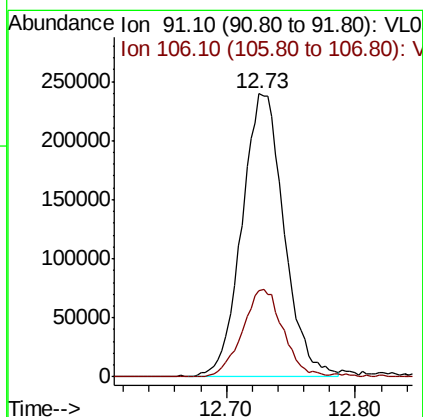
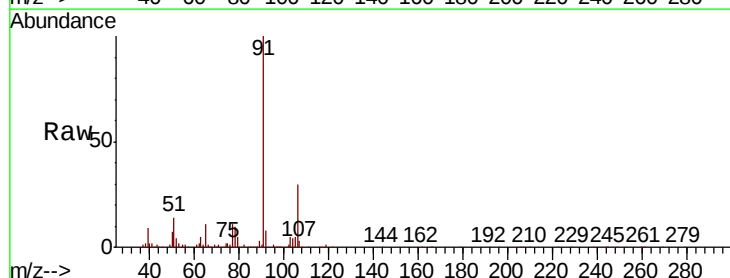
Instrument :
MSVOA_L
ClientSampleId :
NS-3

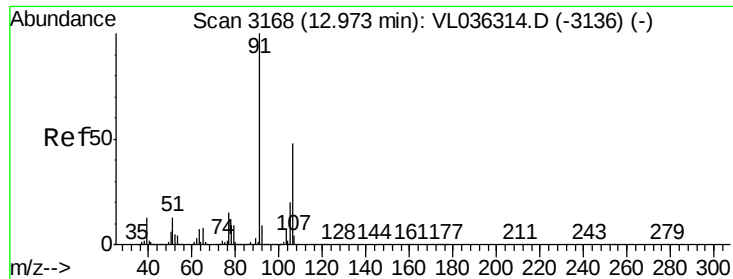
Tot Ion:117 Resp: 3433867
Ion Ratio Lower Upper
117 100
82 72.4 59.1 88.7
119 33.3 46.3 69.5#



#58
Ethyl Benzene
Concen: 1.154 ppbv
RT: 12.73 min Scan# 3091
Delta R.T. 0.04 min
Lab File: VL036368.D
Acq: 25 Feb 2021 2:45

Tgt Ion: 91 Resp: 542797
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.6

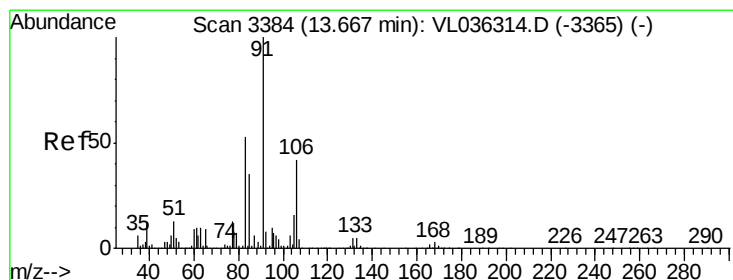
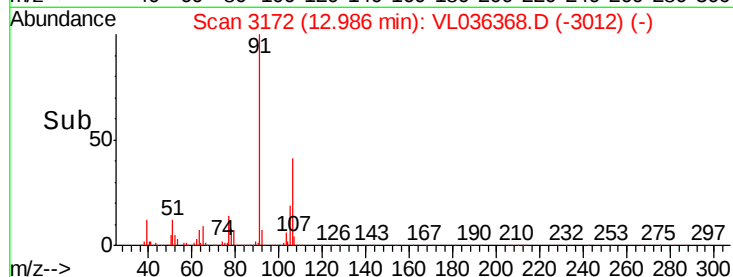
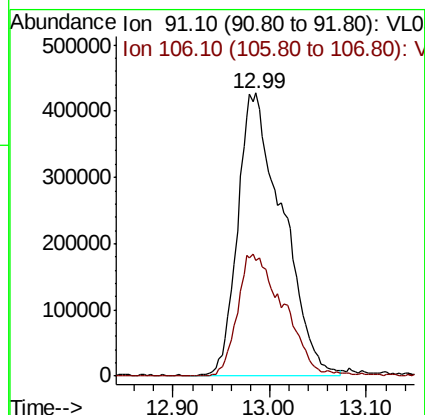
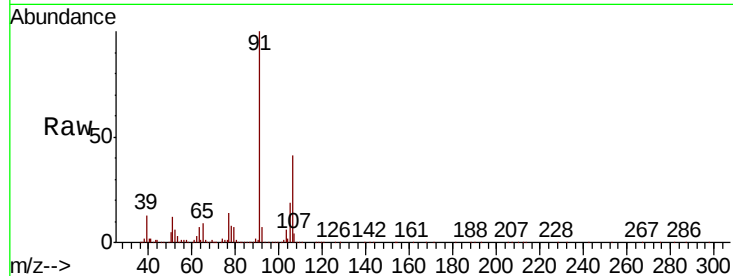




#59
m/p-Xylene
Concen: 3.317 ppbv
RT: 12.99 min Scan# 3172
Delta R.T. 0.01 min
Lab File: VL036368.D
Acq: 25 Feb 2021 2:45

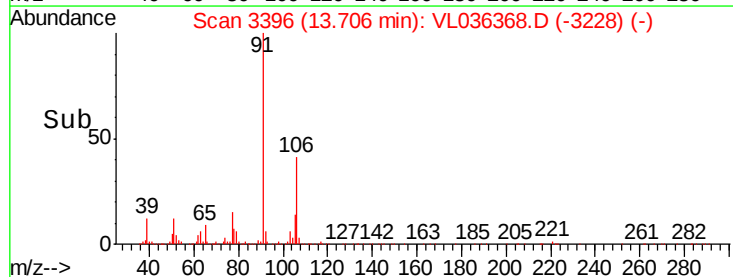
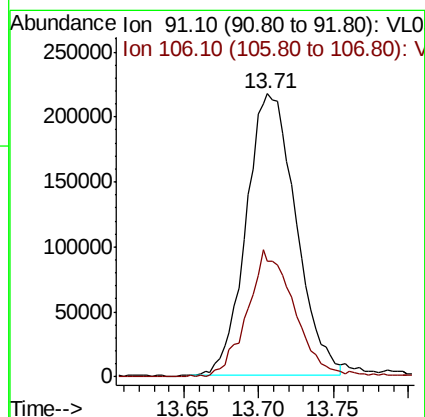
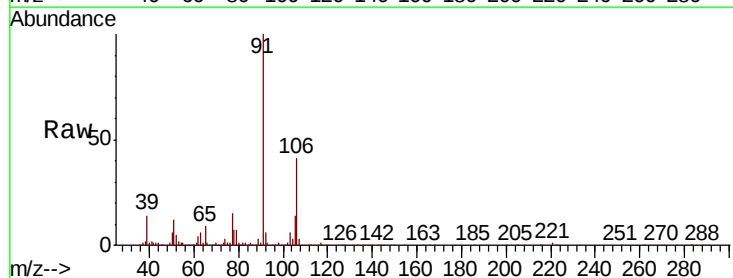
Instrument :
MSVOA_L
ClientSampleId :
NS-3

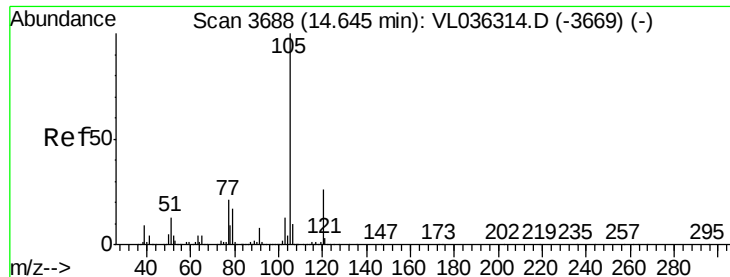
Tot Ion: 91 Resp: 1369870
Ion Ratio Lower Upper
91 100
106 45.5 34.2 51.2



#60
o-Xylene
Concen: 1.265 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. 0.04 min
Lab File: VL036368.D
Acq: 25 Feb 2021 2:45

Tgt Ion: 91 Resp: 499572
Ion Ratio Lower Upper
91 100
106 43.6 22.0 66.0





#62

Isopropylbenzene

Concen: 0.117 ppbv

RT: 14.69 min Scan# 3701

Delta R.T. 0.04 min

Lab File: VL036368.D

Acq: 25 Feb 2021 2:45

Instrument :

MSVOA_L

ClientSampleId :

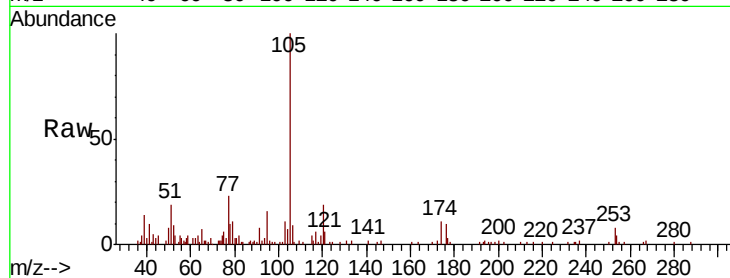
NS-3

Tot Ion: 105 Resp: 69339

Ion Ratio Lower Upper

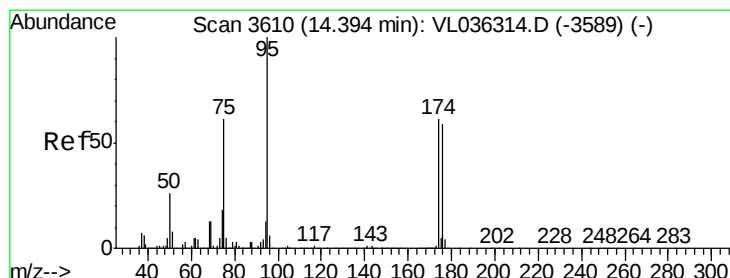
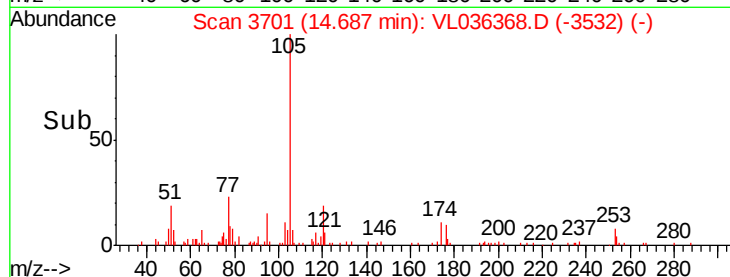
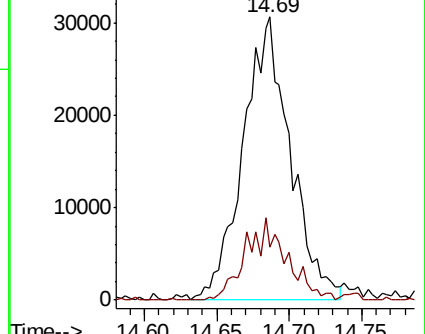
105 100

120 25.9 20.6 30.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.656 ppbv

RT: 14.43 min Scan# 3622

Delta R.T. 0.04 min

Lab File: VL036368.D

Acq: 25 Feb 2021 2:45

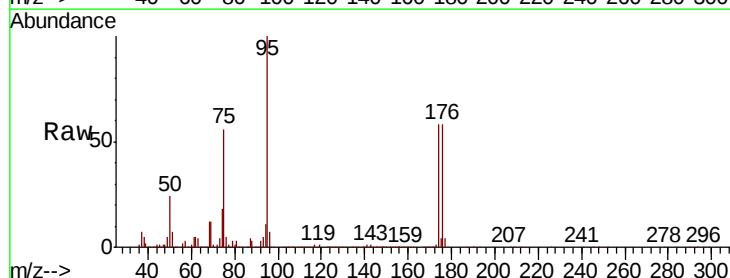
Tgt Ion: 95 Resp: 2728118

Ion Ratio Lower Upper

95 100

174 64.8 49.8 74.6

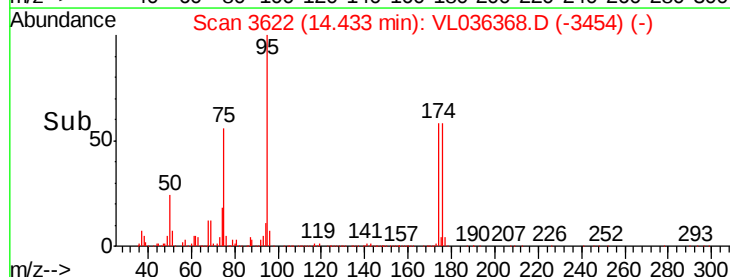
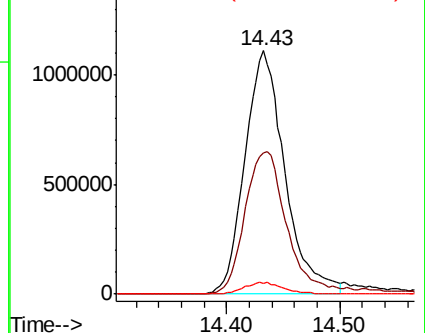
175 4.9 3.7 5.5

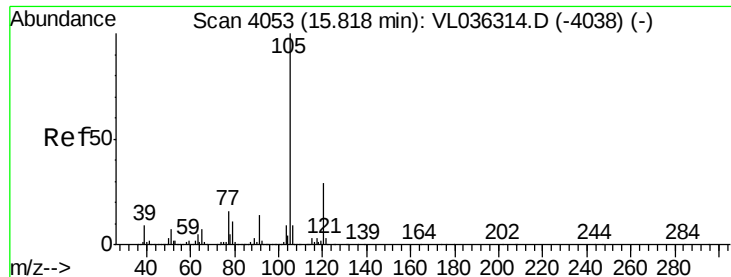


Abundance Ion 95.10 (94.80 to 95.80): V

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#72

4-Ethyltoluene

Concen: 0.189 ppbv

RT: 15.85 min Scan# 4064

Delta R.T. 0.04 min

Lab File: VL036368.D

Acq: 25 Feb 2021 2:45

Instrument :

MSVOA_L

ClientSampleId :

NS-3

Tot Ion:105 Resp: 83015

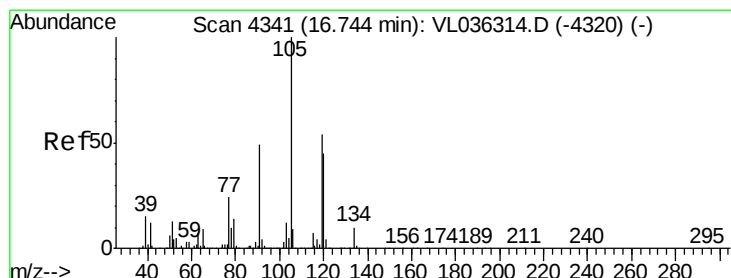
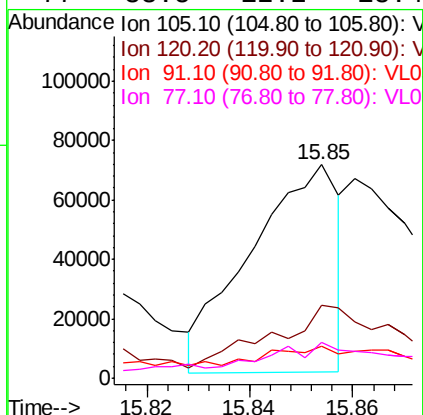
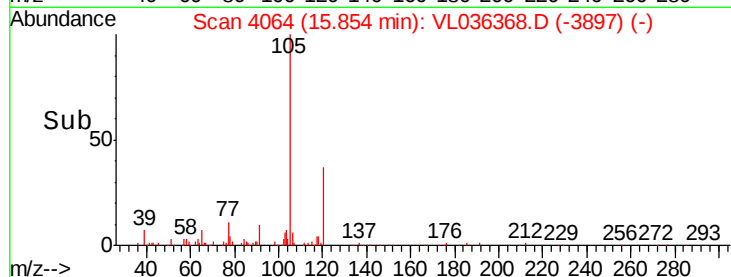
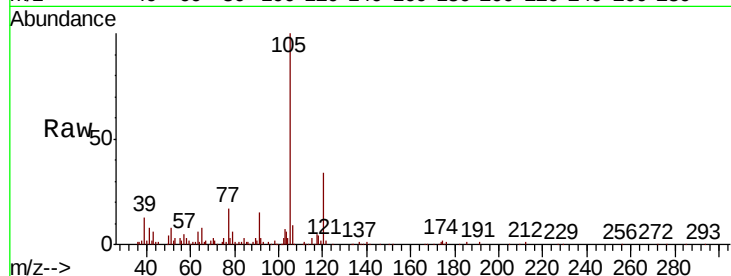
Ion Ratio Lower Upper

105 100

120 61.9 23.2 34.8#

91 29.5 11.0 16.4#

77 33.5 12.2 18.4#



#74

1,2,4-Trimethylbenzene

Concen: 1.217 ppbv

RT: 16.78 min Scan# 4352

Delta R.T. 0.04 min

Lab File: VL036368.D

Acq: 25 Feb 2021 2:45

Tgt Ion:105 Resp: 529098

Ion Ratio Lower Upper

105 100

120 42.2 35.8 53.6

91 12.0 39.8 59.6#

77 16.7 19.1 28.7#

