

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091620\
 Data File : VL035633.D
 Acq On : 16 Sep 2020 17:48
 Operator : SY/AP
 Sample : L4026-02DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 TRC-IA-02DUP

Quant Time: Sep 17 07:07:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 15:19:50 2020
 QLast Update : Mon Sep 14 15:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1044532	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4236869	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4370997	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3278606	10.56	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	51697	0.286	ppbv	91
3) Chlorodifluoromethane	2.96	51	285129	2.468	ppbv #	64
4) Chloromethane	3.13	50	34556	0.558	ppbv	98
9) Propene	3.01	41	23731	0.533	ppbv #	78
10) Heptane	8.12	43	10257	0.086	ppbv	94
11) Trichlorofluoromethane	3.94	101	69554	0.263	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.48	101	16161	0.081	ppbv	94
13) Ethanol	3.60	45	1471954	133.300	ppbv	98
15) Acetone	3.84	43	559466	4.856	ppbv	98
16) 1,3-Butadiene	3.29	39	1935	0.045	ppbv #	1
17) tert-Butyl alcohol	4.30	59	7253	0.052	ppbv #	65
19) Isopropyl Alcohol	3.97	45	210479	3.063	ppbv #	92
20) Methylene Chloride	4.34	84	249224	2.905	ppbv	97
21) Allyl Chloride	4.34	41	4735	0.088	ppbv #	48
23) Vinyl Acetate	5.06	43	31070	0.210	ppbv #	79
25) Ethyl Acetate	5.68	43	67563	0.332	ppbv #	81
26) Hexane	5.69	57	97300	0.844	ppbv #	51
29) Chloroform	5.74	83	8135	0.035	ppbv	95
34) 2-Butanone	5.25	43	39233	0.312	ppbv	99
35) Carbon Tetrachloride	7.02	117	15738	0.074	ppbv #	86
36) Benzene	6.89	78	39713	0.145	ppbv	95
39) 1,2-Dichloropropane	7.17	63	807496	8.716	ppbv #	32
41) Tetrahydrofuran	6.03	42	2474	0.037	ppbv #	39
44) 2,2,4-Trimethylpentane	7.87	57	16750	0.046	ppbv #	1
53) Toluene	9.81	91	364640	1.057	ppbv	96
58) Ethyl Benzene	12.72	91	59297	0.132	ppbv #	84
59) m/p-Xylene	12.98	91	257158	0.683	ppbv	94
60) o-Xylene	13.70	91	100010	0.264	ppbv	93
64) n-propylbenzene	15.57	120	7093	0.038	ppbv #	1
65) tert-Butylbenzene	16.77	119	41229	0.073	ppbv #	76
72) 4-Ethyltoluene	15.85	105	62650	0.130	ppbv #	94
73) 1,3,5-Trimethylbenzene	16.01	105	98558	0.221	ppbv #	84
74) 1,2,4-Trimethylbenzene	16.77	105	306085	0.625	ppbv #	70
76) 1,4-Dichlorobenzene	17.15	146	39054	0.109	ppbv #	79
79) Naphthalene	22.22	128	23955	0.044	ppbv	97

(#) = 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

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TRC-IA-02DUP

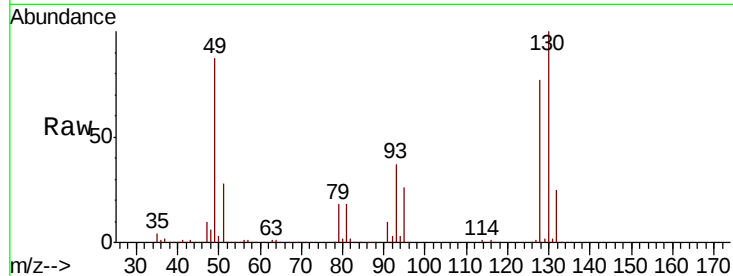
Tot Ion: 49 Resp: 1044532

Ion Ratio Lower Upper

49 100

128 89.5 50.0 150.1

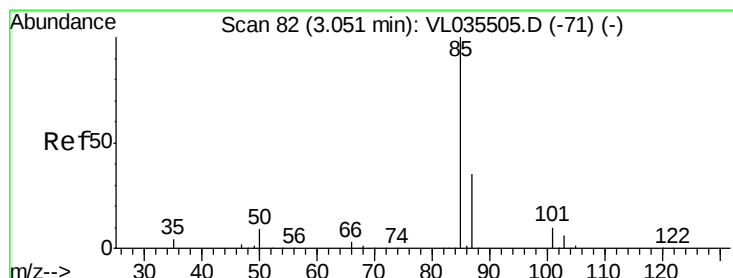
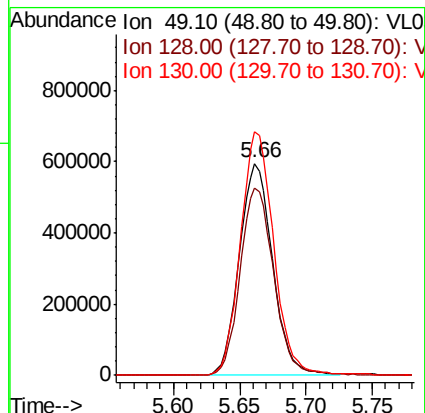
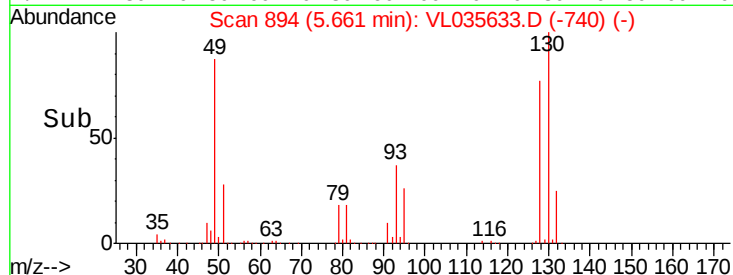
130 114.8 64.4 193.2



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: 0.286 ppbv

RT: 3.04 min Scan# 79

Delta R.T. 0.01 min

Lab File: VL035633.D

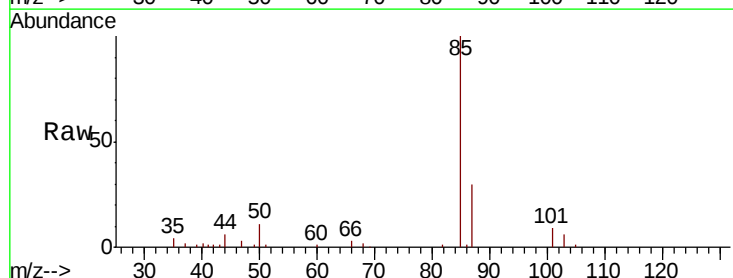
Acq: 16 Sep 2020 17:48

Tgt Ion: 85 Resp: 51697

Ion Ratio Lower Upper

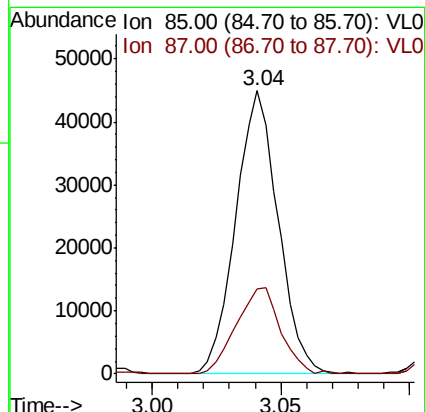
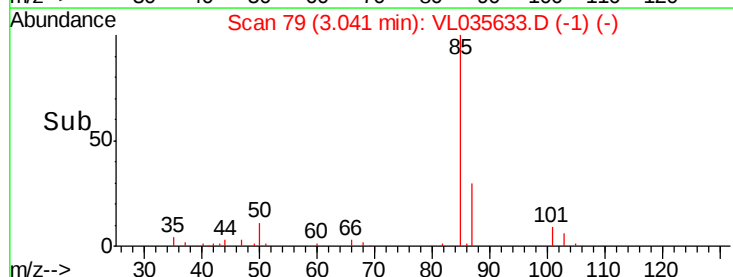
85 100

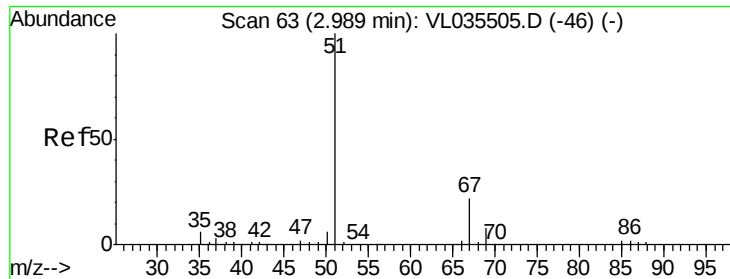
87 29.9 28.0 42.0



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 2.468 ppbv

RT: 2.96 min Scan# 53

Delta R.T. -0.02 min

Lab File: VL035633.D

Acq: 16 Sep 2020 17:48

Instrument :

MSVOA_L

ClientSampleId :

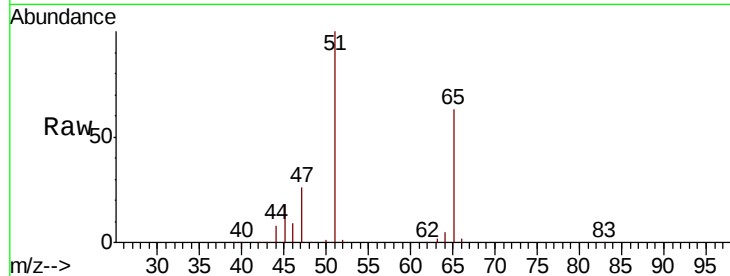
TRC-IA-02DUP

Tot Ion: 51 Resp: 285129

Ion Ratio Lower Upper

51 100

67 4.8 17.8 26.8#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

200000

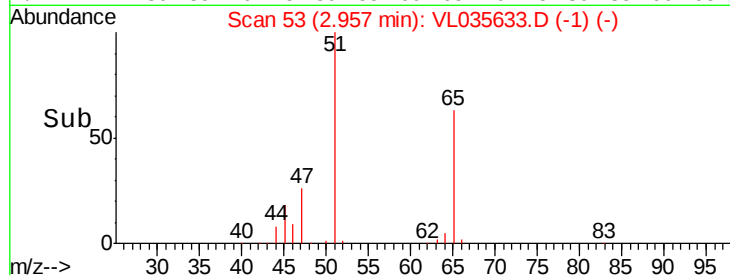
150000

100000

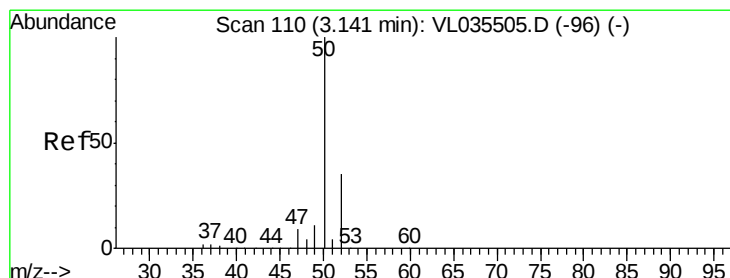
50000

0

Time-->



Time-->



#4

Chloromethane

Concen: 0.558 ppbv

RT: 3.13 min Scan# 108

Delta R.T. 0.01 min

Lab File: VL035633.D

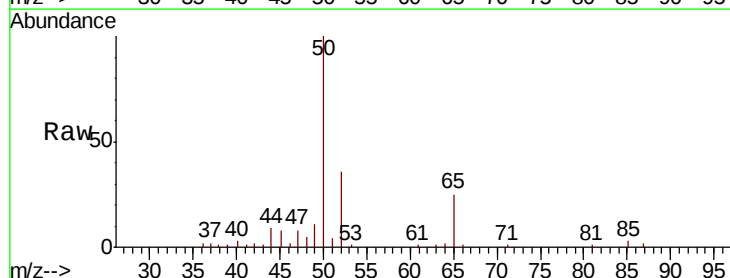
Acq: 16 Sep 2020 17:48

Tgt Ion: 50 Resp: 34556

Ion Ratio Lower Upper

50 100

52 36.0 27.7 41.5



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

25000

20000

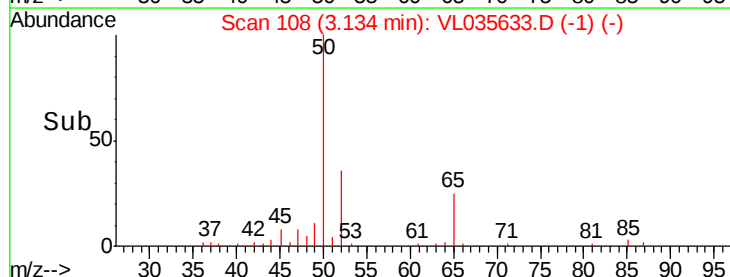
15000

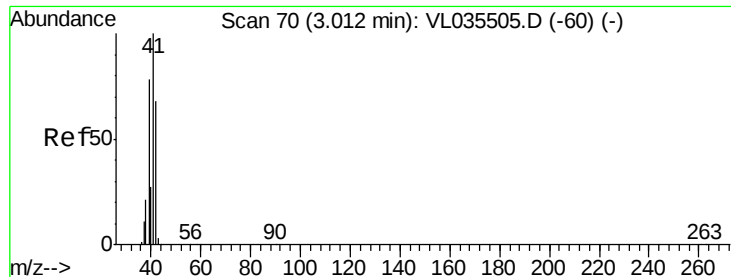
10000

5000

0

Time-->





#9

Propene

Concen: 0.533 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.02 min

Lab File: VL035633.D

Acq: 16 Sep 2020 17:48

Instrument :

MSVOA_L

ClientSampleId :

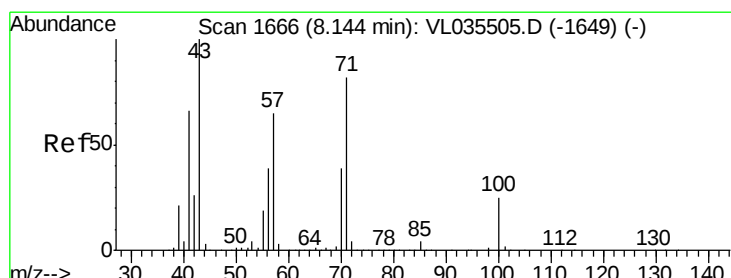
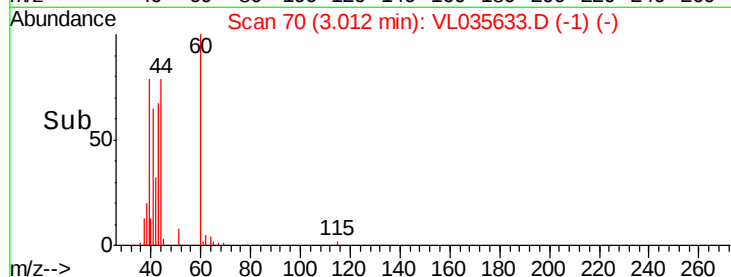
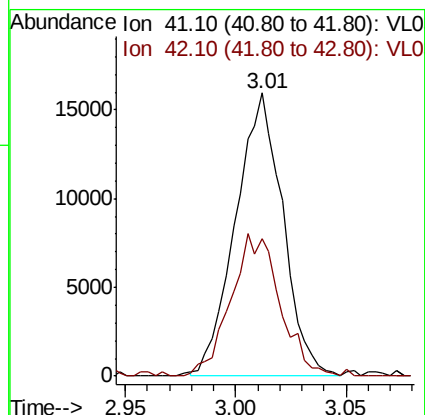
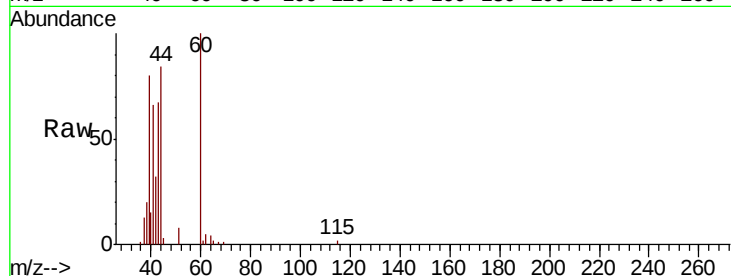
TRC-IA-02DUP

Tot Ion: 41 Resp: 23731

Ion Ratio Lower Upper

41 100

42 52.6 56.3 84.5#



#10

Heptane

Concen: 0.086 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VL035633.D

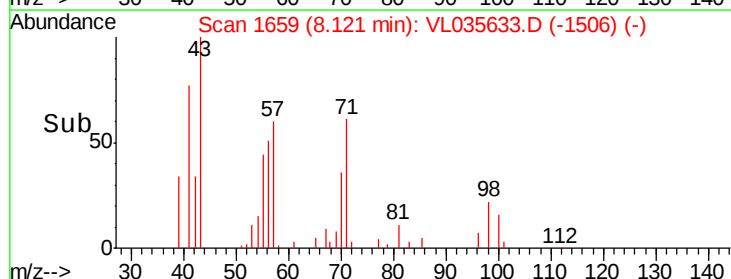
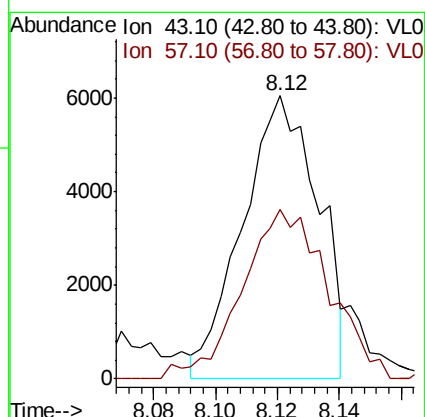
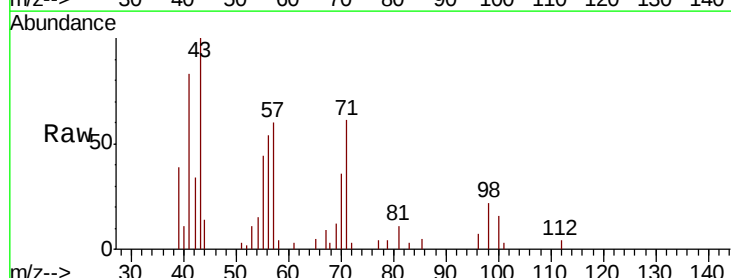
Acq: 16 Sep 2020 17:48

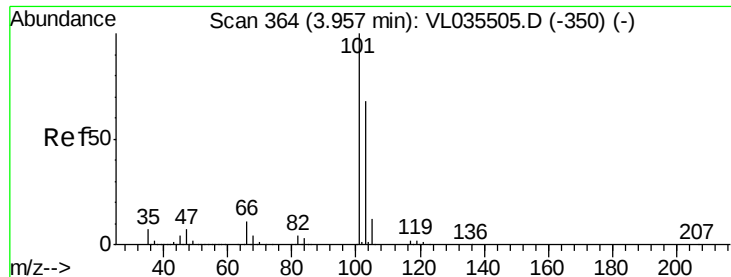
Tgt Ion: 43 Resp: 10257

Ion Ratio Lower Upper

43 100

57 68.5 51.4 77.0





#11

Trichlorofluoromethane

Concen: 0.263 ppbv

RT: 3.94 min Scan# 360

Delta R.T. 0.00 min

Lab File: VL035633.D

Acq: 16 Sep 2020 17:48

Instrument :

MSVOA_L

ClientSampleId :

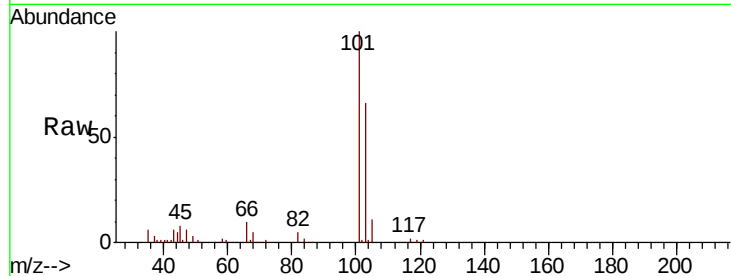
TRC-IA-02DUP

Tot Ion:101 Resp: 69554

Ion Ratio Lower Upper

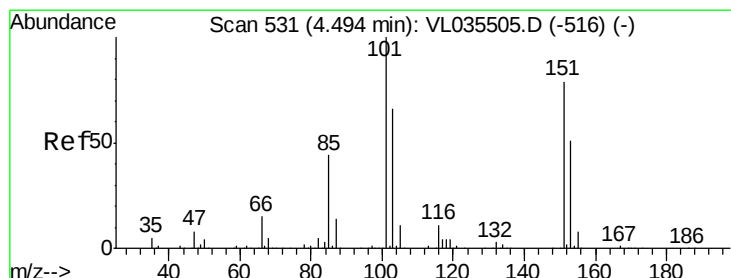
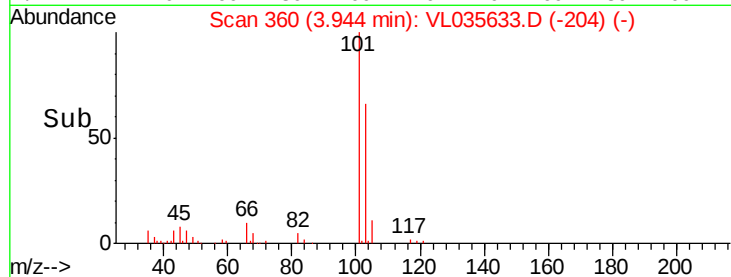
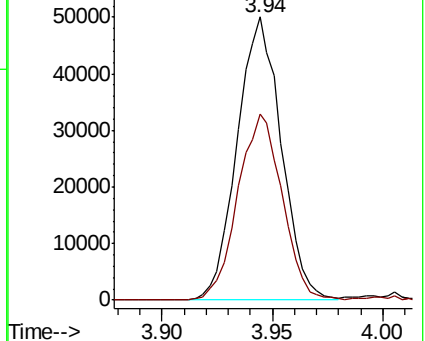
101 100

103 65.5 54.5 81.7



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: 0.081 ppbv

RT: 4.48 min Scan# 526

Delta R.T. -0.00 min

Lab File: VL035633.D

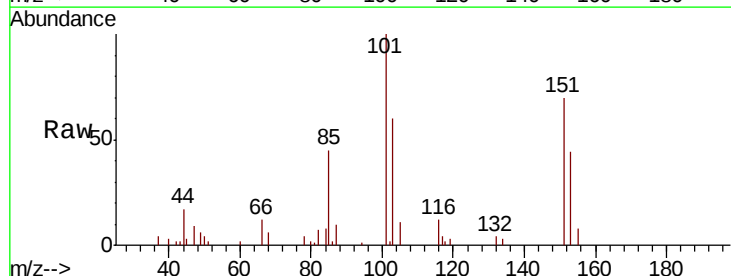
Acq: 16 Sep 2020 17:48

Tgt Ion:101 Resp: 16161

Ion Ratio Lower Upper

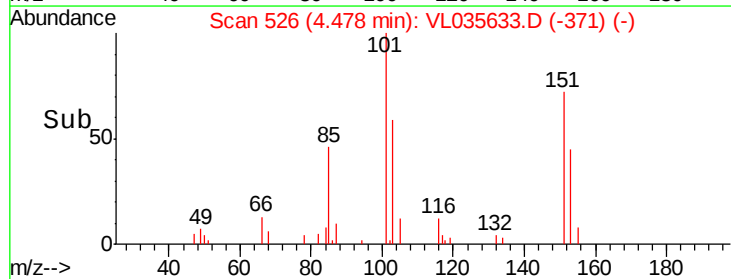
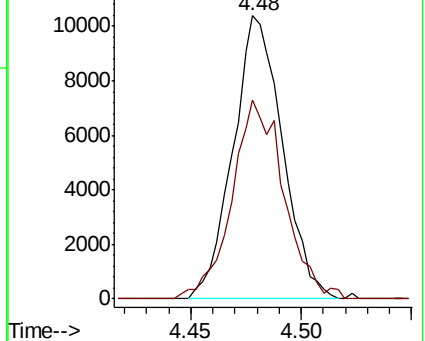
101 100

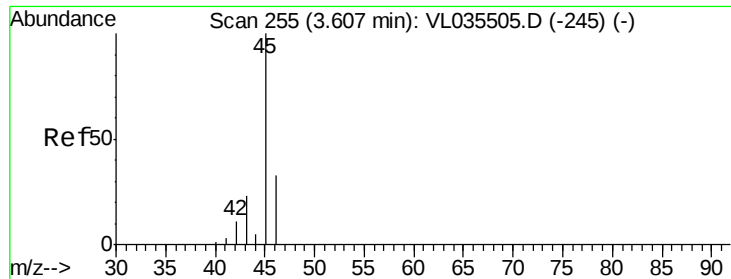
151 74.2 63.5 95.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 133.300 ppbv

RT: 3.60 min Scan# 252

Delta R.T. -0.00 min

Lab File: VL035633.D

Acq: 16 Sep 2020 17:48

Instrument :

MSVOA_L

ClientSampleId :

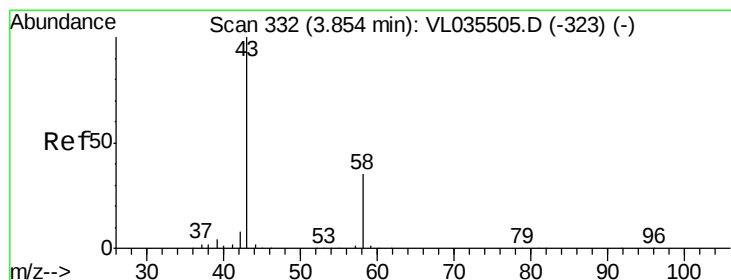
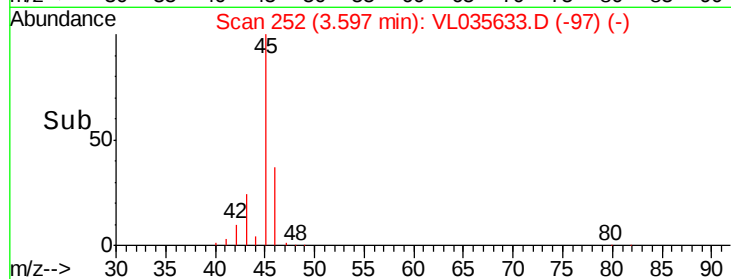
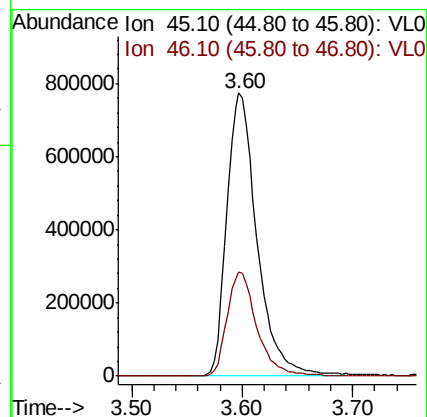
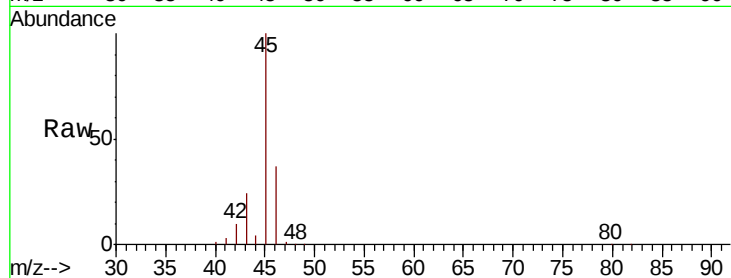
TRC-IA-02DUP

Tot Ion: 45 Resp: 1471954

Ion Ratio Lower Upper

45 100

46 36.7 15.2 60.6



#15

Acetone

Concen: 4.856 ppbv

RT: 3.84 min Scan# 329

Delta R.T. 0.01 min

Lab File: VL035633.D

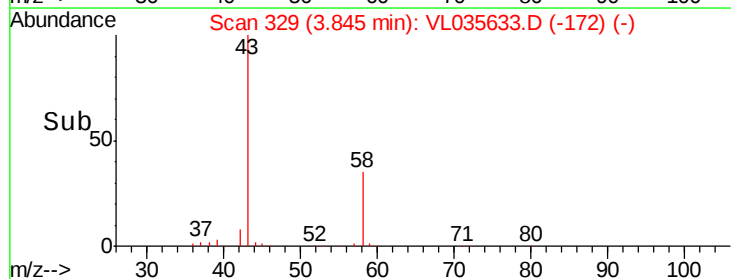
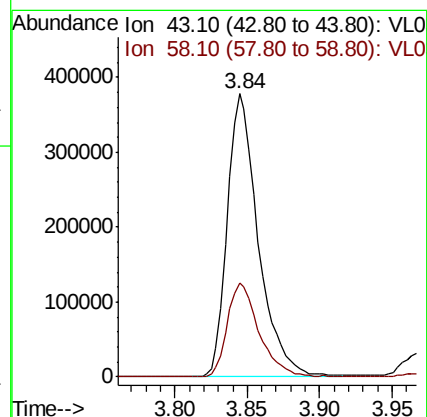
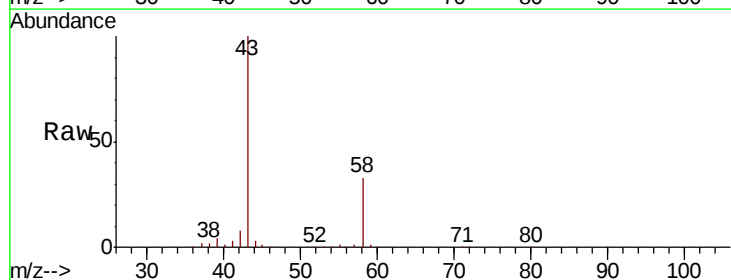
Acq: 16 Sep 2020 17:48

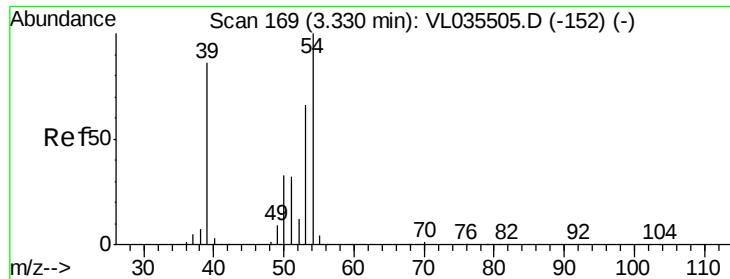
Tgt Ion: 43 Resp: 559466

Ion Ratio Lower Upper

43 100

58 34.2 28.4 42.6

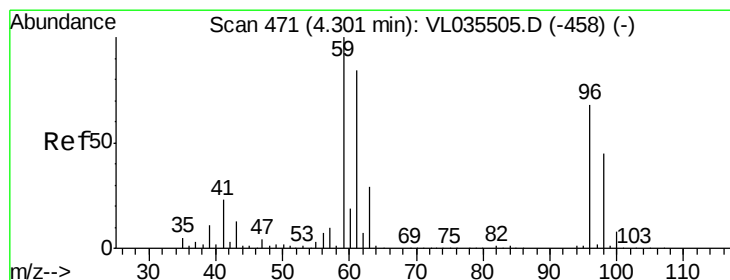
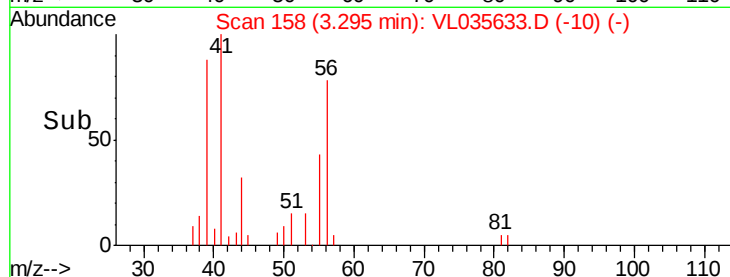
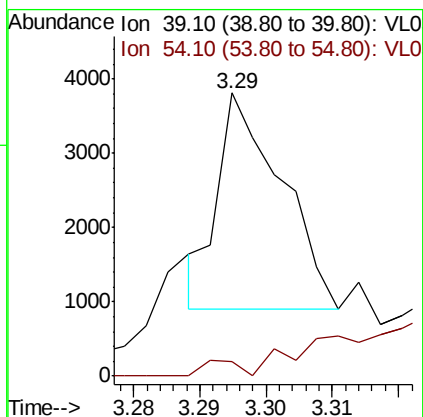
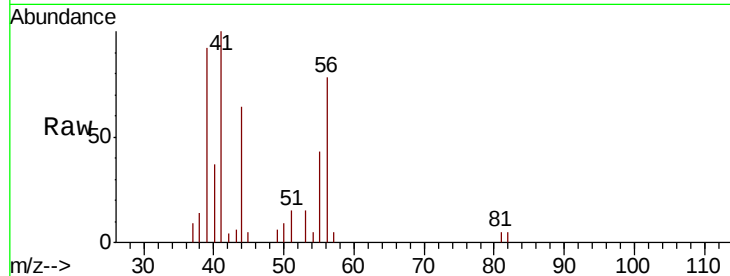




#16
1,3-Butadiene
Concen: 0.045 ppbv
RT: 3.29 min Scan# 158
Delta R.T. -0.02 min
Lab File: VL035633.D
Acq: 16 Sep 2020 17:48

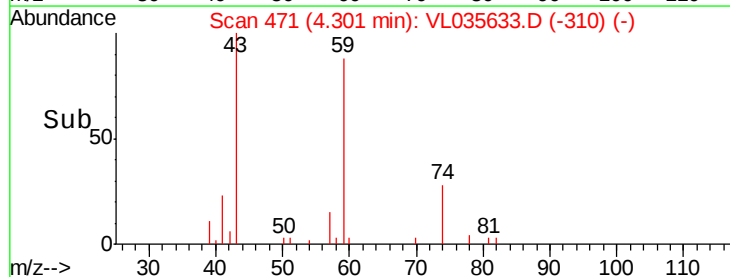
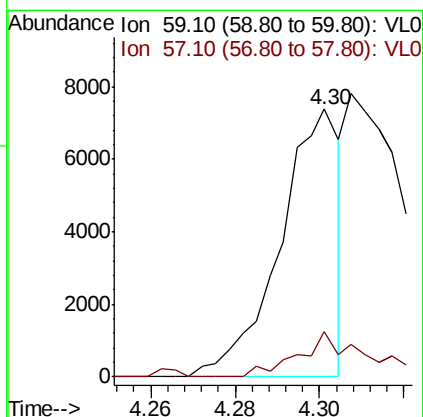
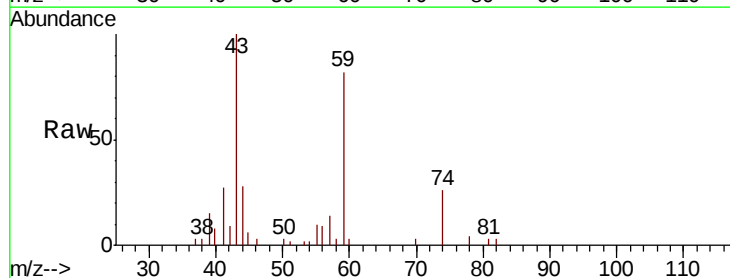
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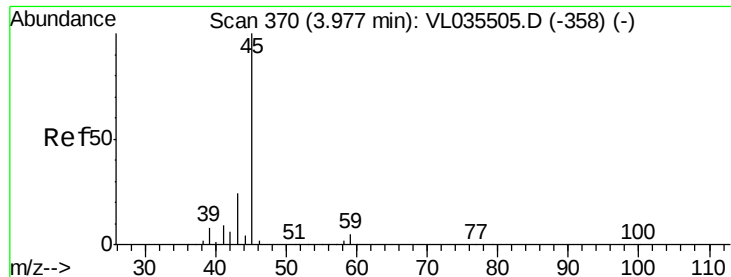
Tot Ion: 39 Resp: 1935
Ion Ratio Lower Upper
39 100
54 0.0 88.4 132.6#



#17
tert-Butyl alcohol
Concen: 0.052 ppbv
RT: 4.30 min Scan# 471
Delta R.T. 0.02 min
Lab File: VL035633.D
Acq: 16 Sep 2020 17:48

Tgt Ion: 59 Resp: 7253
Ion Ratio Lower Upper
59 100
57 23.6 8.4 12.6#





#19

Isopropyl Alcohol

Concen: 3.063 ppbv

RT: 3.97 min Scan# 368

Delta R.T. 0.01 min

Lab File: VL035633.D

Acq: 16 Sep 2020 17:48

Instrument :

MSVOA_L

ClientSampleId :

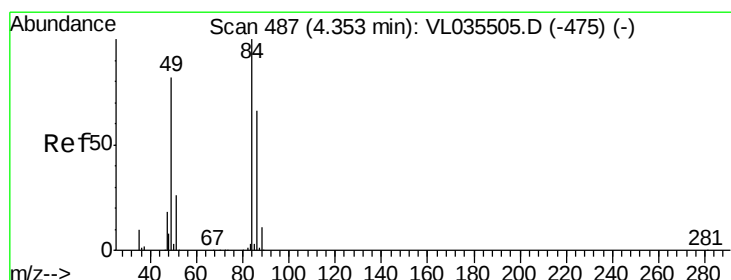
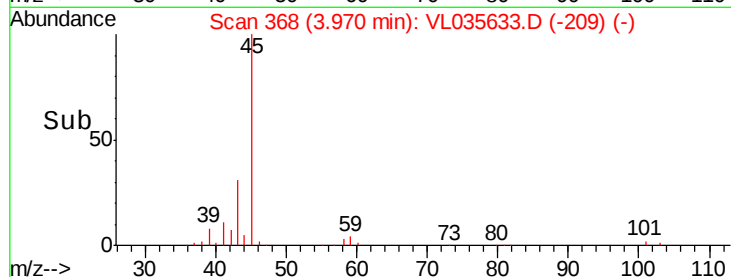
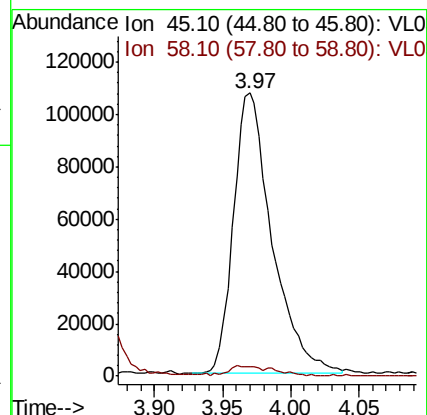
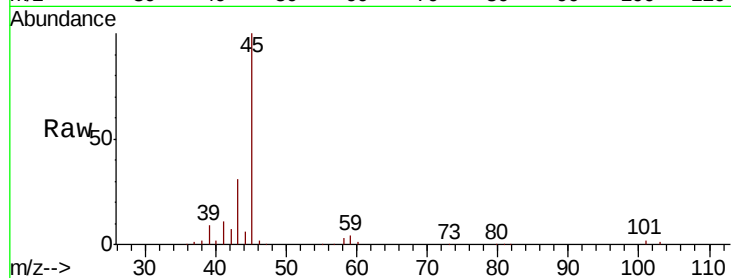
TRC-IA-02DUP

Tot Ion: 45 Resp: 210479

Ion Ratio Lower Upper

45 100

58 5.1 2.0 3.0#



#20

Methylene Chloride

Concen: 2.905 ppbv

RT: 4.34 min Scan# 483

Delta R.T. 0.00 min

Lab File: VL035633.D

Acq: 16 Sep 2020 17:48

Tgt Ion: 84 Resp: 249224

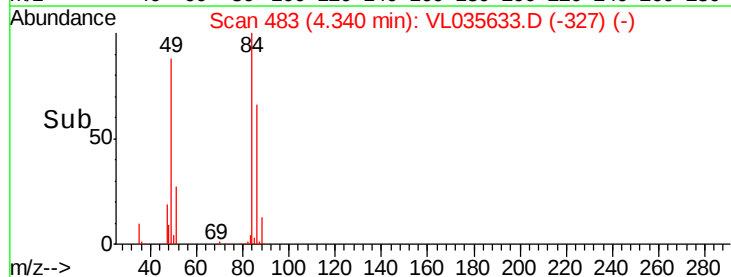
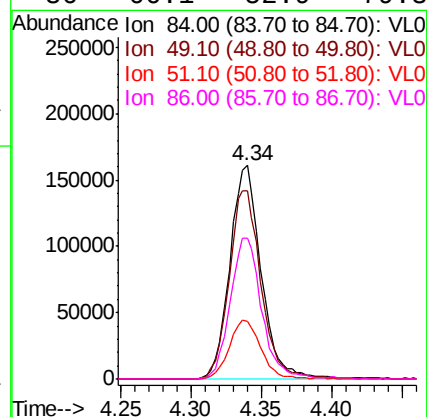
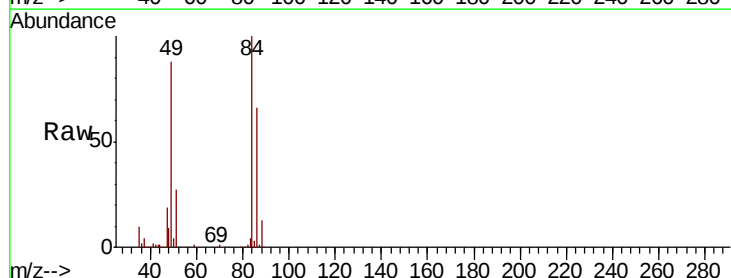
Ion Ratio Lower Upper

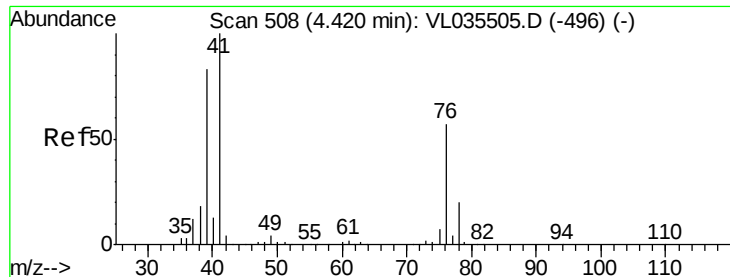
84 100

49 88.2 65.4 98.0

51 27.1 21.5 32.3

86 66.1 52.9 79.3





#21

Allvl Chloride

Concen: 0.088 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.06 min

Lab File: VL035633.D

Acq: 16 Sep 2020 17:48

Instrument :

MSVOA_L

ClientSampleId :

TRC-IA-02DUP

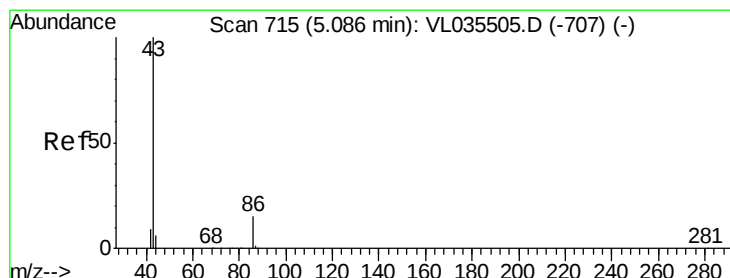
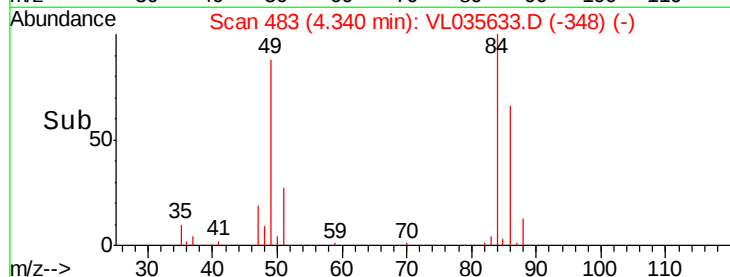
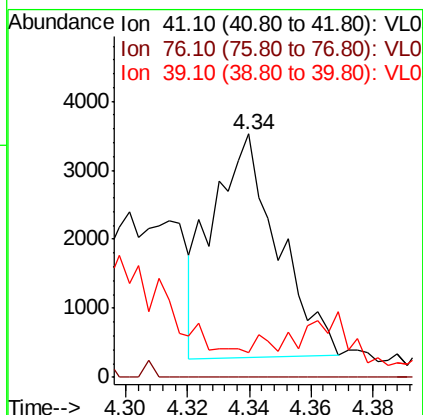
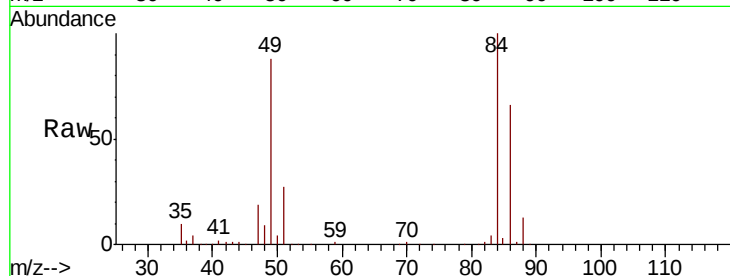
Tot Ion: 41 Resp: 4735

Ion Ratio Lower Upper

41 100

76 3.6 46.2 69.2#

39 49.9 67.8 101.6#



#23

Vinyl Acetate

Concen: 0.210 ppbv

RT: 5.06 min Scan# 706

Delta R.T. -0.01 min

Lab File: VL035633.D

Acq: 16 Sep 2020 17:48

Tgt Ion: 43 Resp: 31070

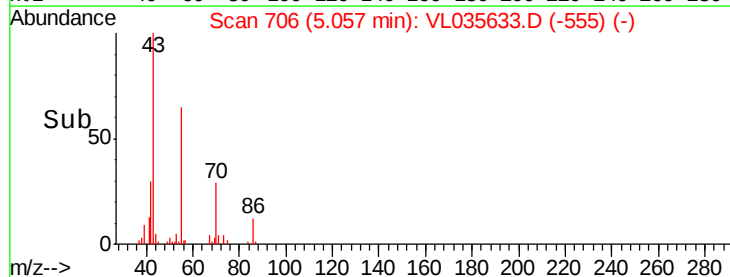
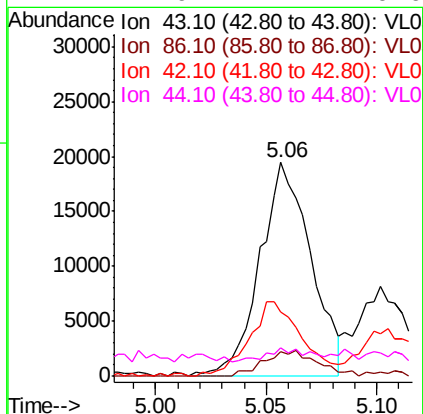
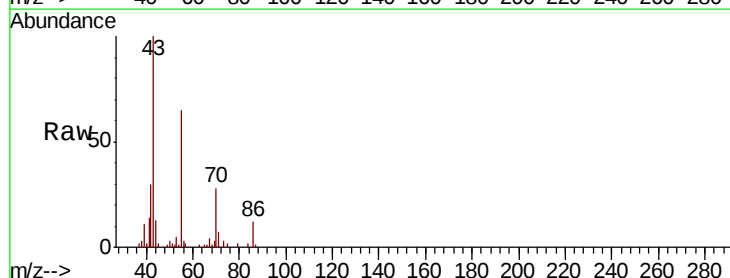
Ion Ratio Lower Upper

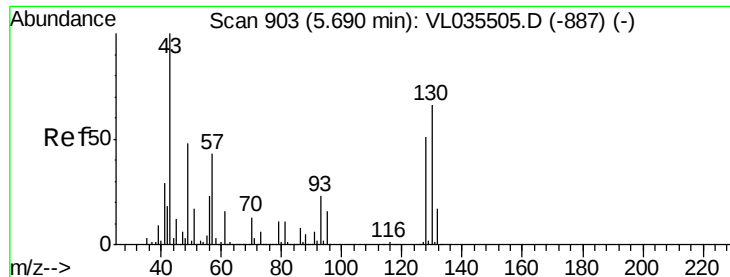
43 100

86 11.7 10.6 16.0

42 29.9 7.5 11.3#

44 4.9 4.4 6.6

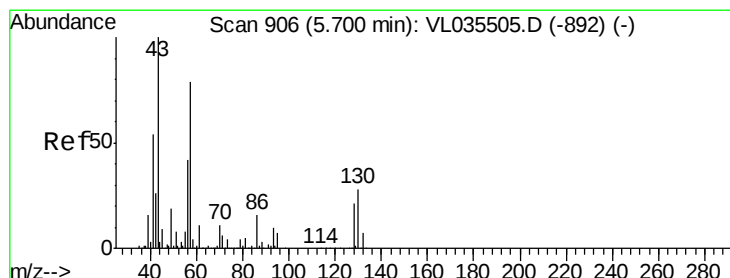
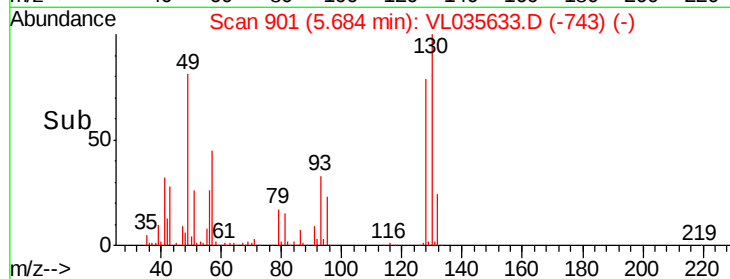
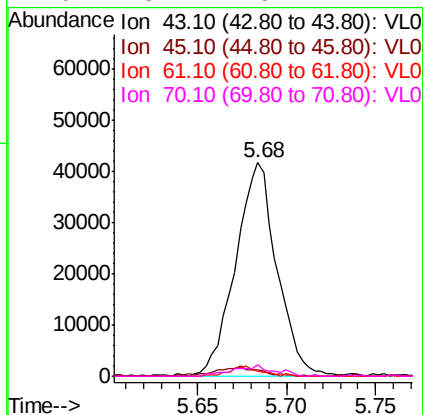
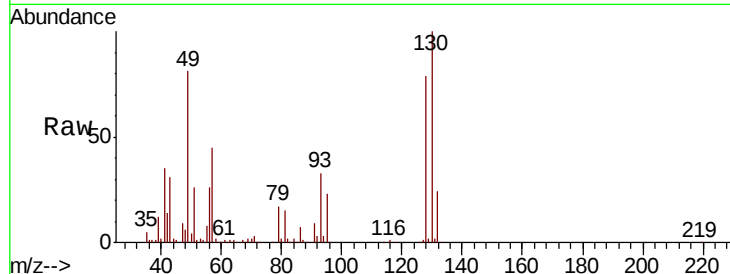




#25
Ethyl Acetate
Concen: 0.332 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL035633.D
Acq: 16 Sep 2020 17:48

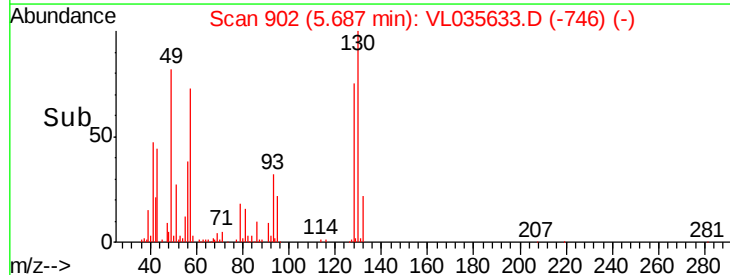
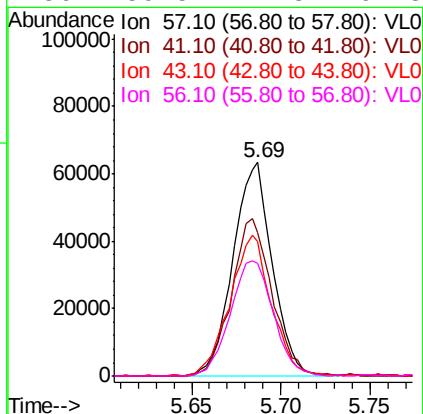
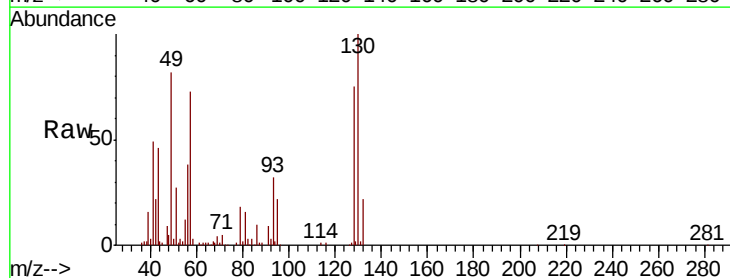
Instrument :
MSVOA_L
ClientSampleId :
TRC-IA-02DUP

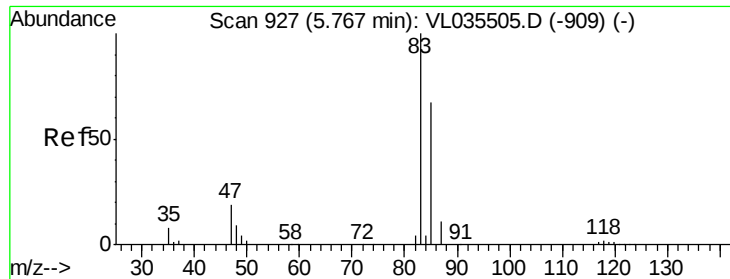
Tot Ion:	43	Resp:	67563
Ion	Ratio	Lower	Upper
43	100		
45	5.0	8.4	12.6#
61	3.5	10.6	16.0#
70	5.1	9.4	14.2#



#26
Hexane
Concen: 0.844 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.00 min
Lab File: VL035633.D
Acq: 16 Sep 2020 17:48

Tgt Ion:	57	Resp:	97300
Ion	Ratio	Lower	Upper
57	100		
41	76.4	55.9	83.9
43	70.6	141.8	212.8#
56	59.5	41.8	62.8





#29

Chloroform

Concen: 0.035 ppbv

RT: 5.74 min Scan# 920

Delta R.T. -0.00 min

Lab File: VL035633.D

Acq: 16 Sep 2020 17:48

Instrument :

MSVOA_L

ClientSampleId :

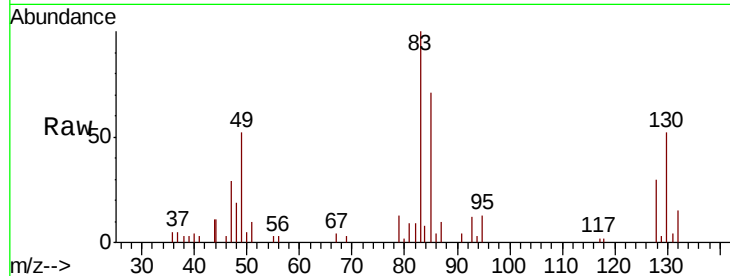
TRC-IA-02DUP

Tot Ion: 83 Resp: 8135

Ion Ratio Lower Upper

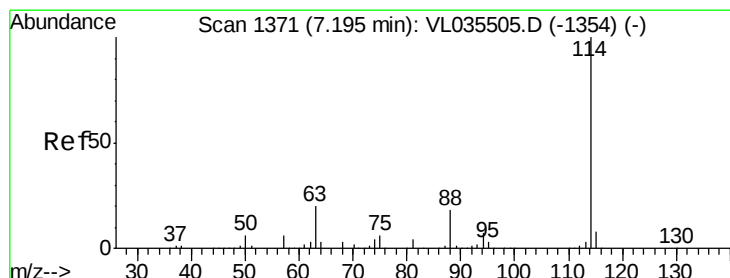
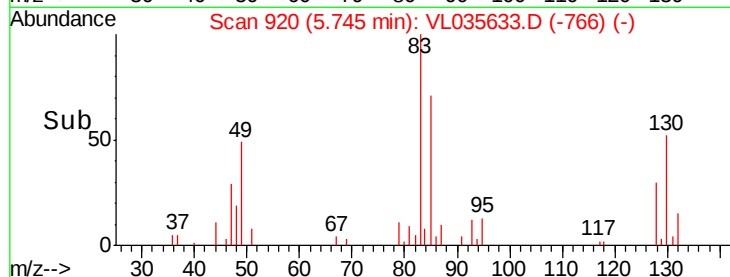
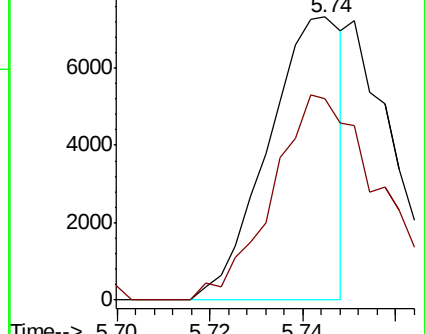
83 100

85 71.3 53.9 80.9



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VL035633.D

Acq: 16 Sep 2020 17:48

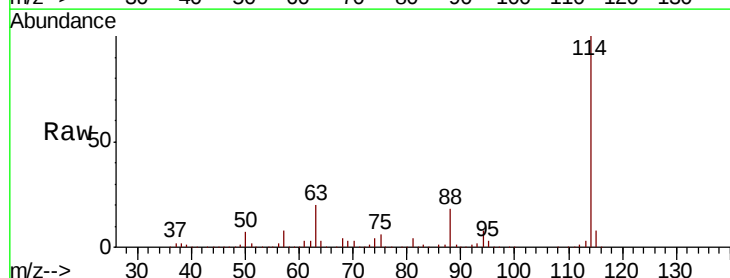
Tgt Ion: 114 Resp: 4236869

Ion Ratio Lower Upper

114 100

63 19.1 14.7 22.1

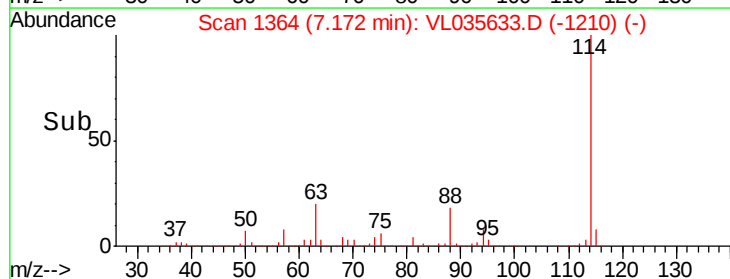
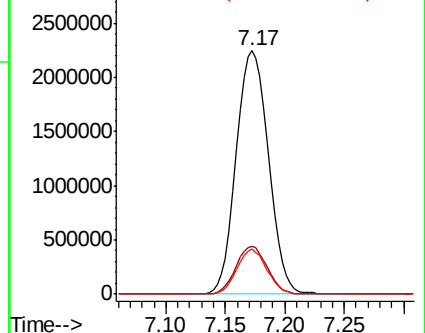
88 17.2 13.4 20.2

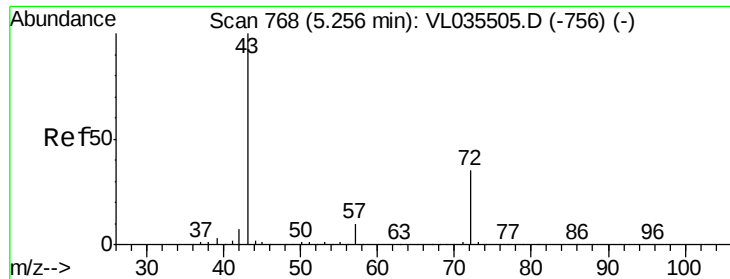


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

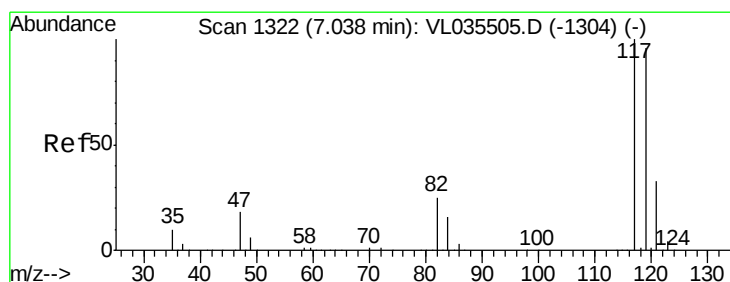
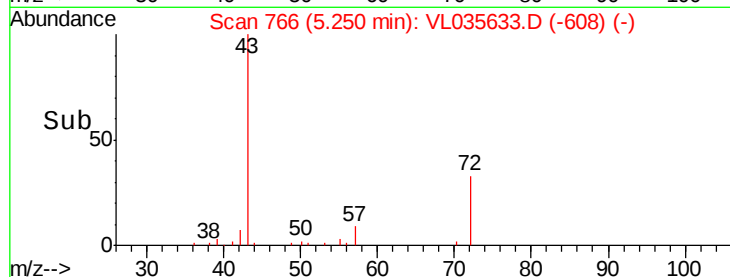
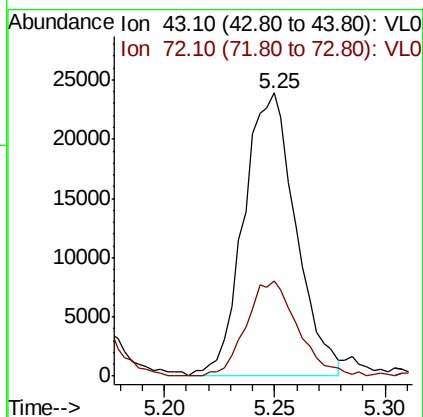
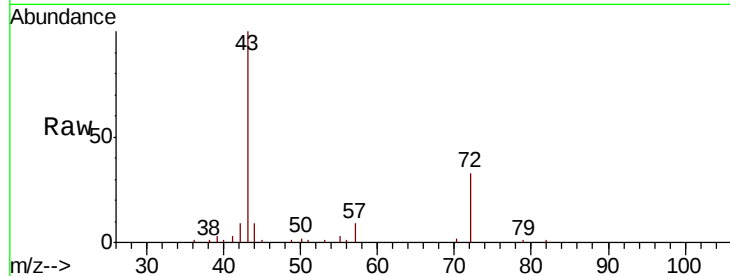




#34
2-Butanone
Concen: 0.312 ppbv
RT: 5.25 min Scan# 766
Delta R.T. 0.01 min
Lab File: VL035633.D
Acq: 16 Sep 2020 17:48

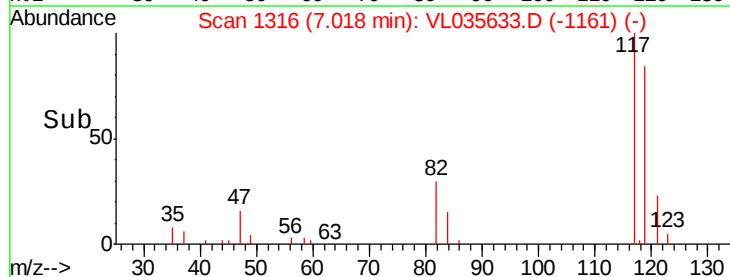
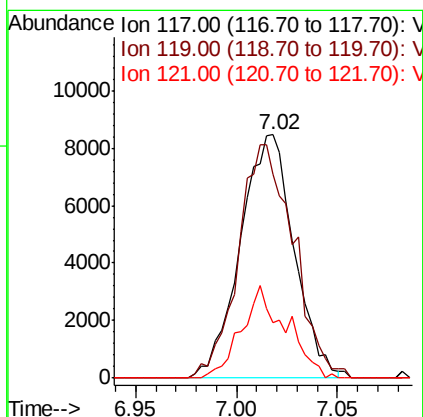
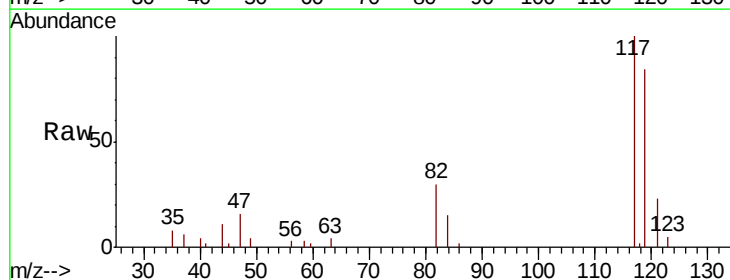
Instrument :
MSVOA_L
ClientSampleId :
TRC-IA-02DUP

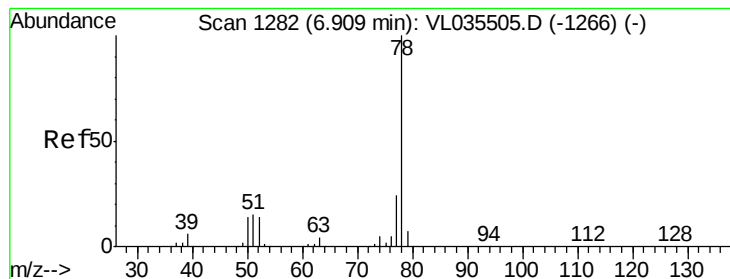
Tot Ion: 43 Resp: 39233
Ion Ratio Lower Upper
43 100
72 33.8 27.7 41.5



#35
Carbon Tetrachloride
Concen: 0.074 ppbv
RT: 7.02 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VL035633.D
Acq: 16 Sep 2020 17:48

Tgt Ion: 117 Resp: 15738
Ion Ratio Lower Upper
117 100
119 83.7 77.2 115.8
121 22.6 26.1 39.1#





#36

Benzene

Concen: 0.145 ppbv

RT: 6.89 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VL035633.D

Acq: 16 Sep 2020 17:48

Instrument :

MSVOA_L

ClientSampleId :

TRC-IA-02DUP

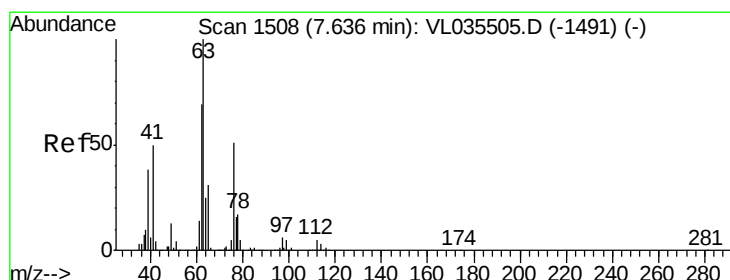
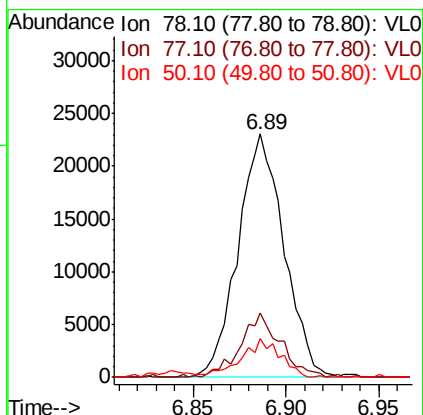
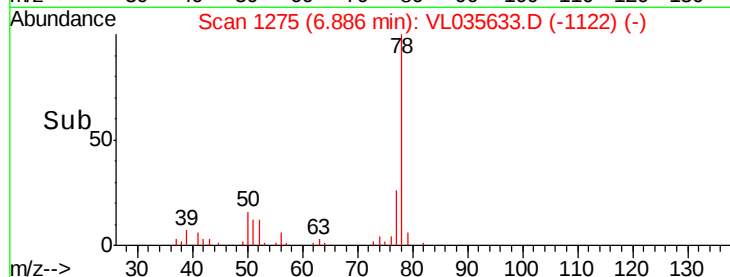
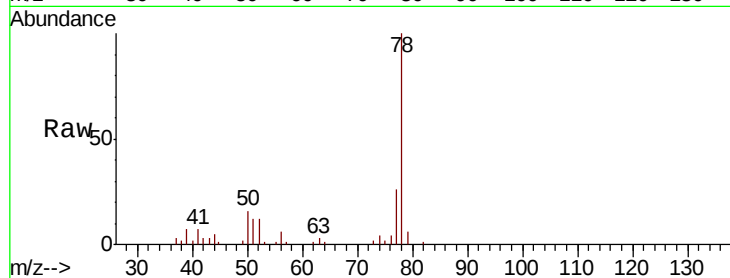
Tot Ion: 78 Resp: 39713

Ion Ratio Lower Upper

78 100

77 26.3 19.3 28.9

50 15.8 11.0 16.6



#39

1,2-Dichloropropane

Concen: 8.716 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.44 min

Lab File: VL035633.D

Acq: 16 Sep 2020 17:48

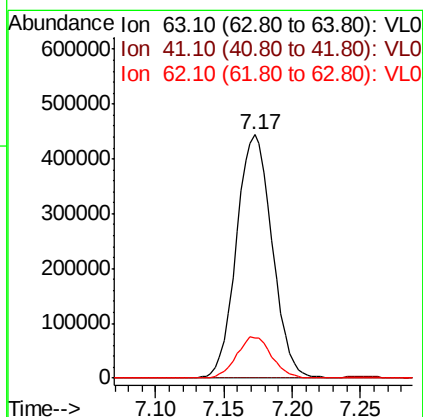
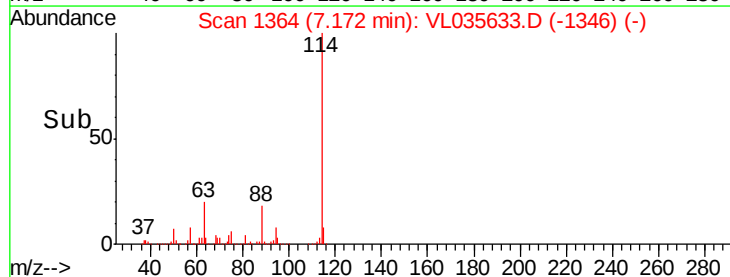
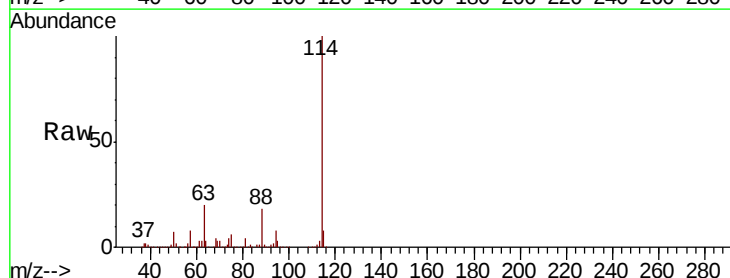
Tgt Ion: 63 Resp: 807496

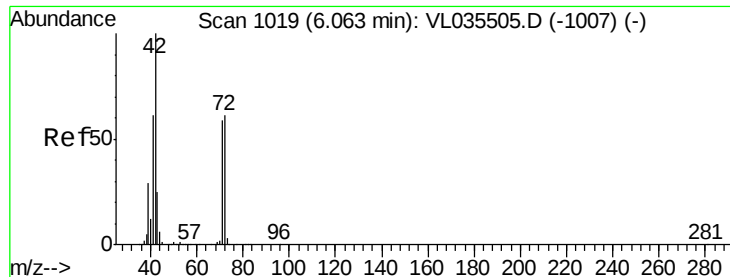
Ion Ratio Lower Upper

63 100

41 0.0 40.0 60.0#

62 16.5 55.4 83.0#





#41

Tetrahydrofuran

Concen: 0.037 ppbv

RT: 6.03 min Scan# 1009

Delta R.T. -0.01 min

Lab File: VL035633.D

Acq: 16 Sep 2020 17:48

Instrument :

MSVOA_L

ClientSampleId :

TRC-IA-02DUP

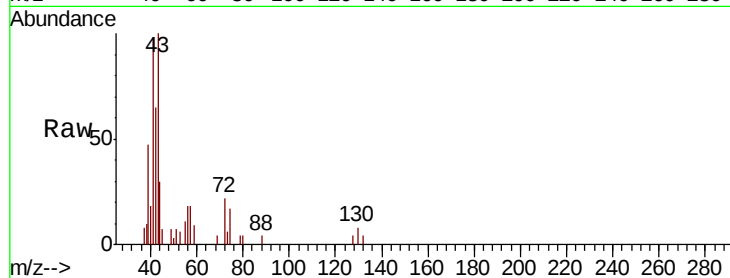
Tot Ion: 42 Resp: 2474

Ion Ratio Lower Upper

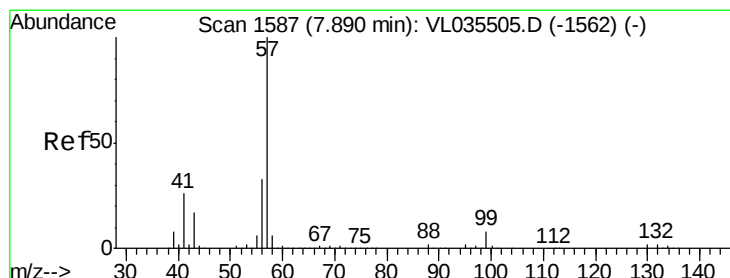
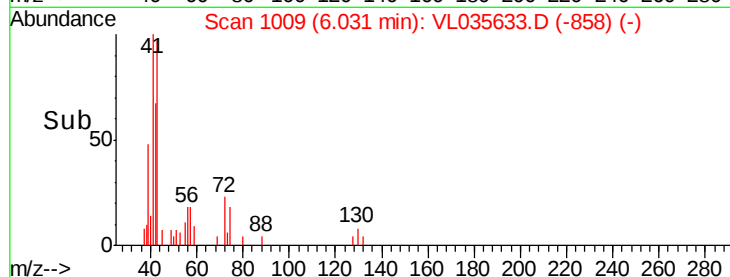
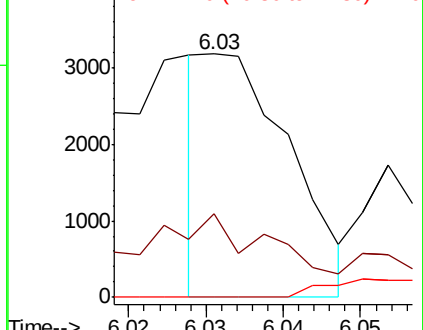
42 100

72 95.8 48.6 73.0#

71 0.0 46.1 69.1#



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: 0.046 ppbv

RT: 7.87 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VL035633.D

Acq: 16 Sep 2020 17:48

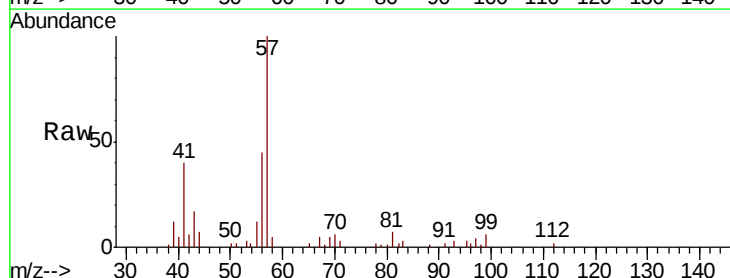
Tgt Ion: 57 Resp: 16750

Ion Ratio Lower Upper

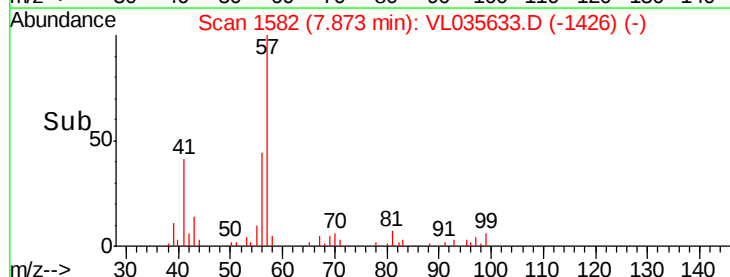
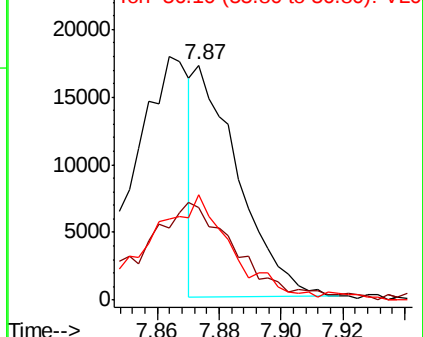
57 100

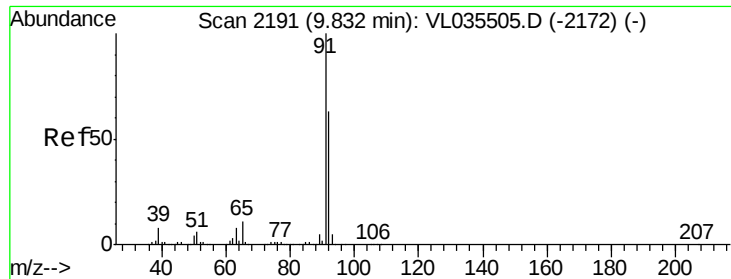
41 95.1 20.5 30.7#

56 93.0 25.3 37.9#



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





#53

Toluene

Concen: 1.057 ppbv

RT: 9.81 min Scan# 2183

Delta R.T. -0.01 min

Lab File: VL035633.D

Acq: 16 Sep 2020 17:48

Instrument :

MSVOA_L

ClientSampleId :

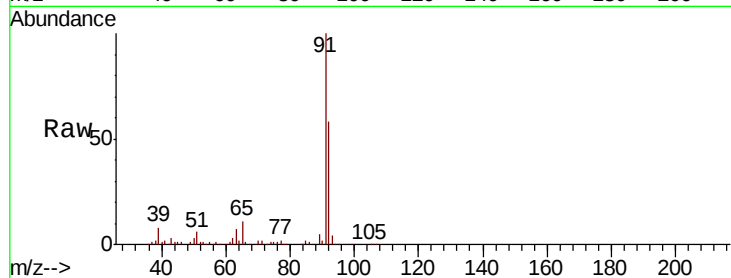
TRC-IA-02DUP

Tot Ion: 91 Resp: 364640

Ion Ratio Lower Upper

91 100

92 59.1 49.8 74.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

9.81

200000

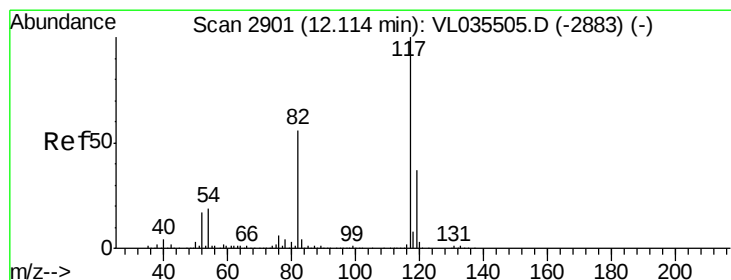
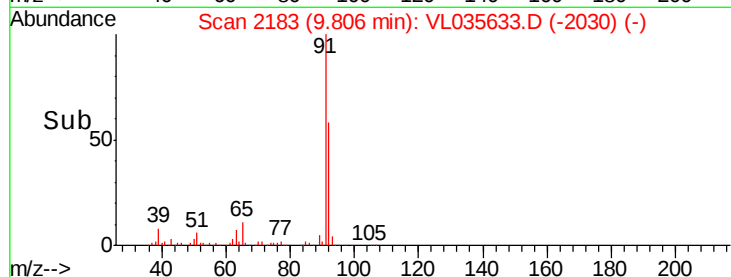
150000

100000

50000

0

Time-->



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: VL035633.D

Acq: 16 Sep 2020 17:48

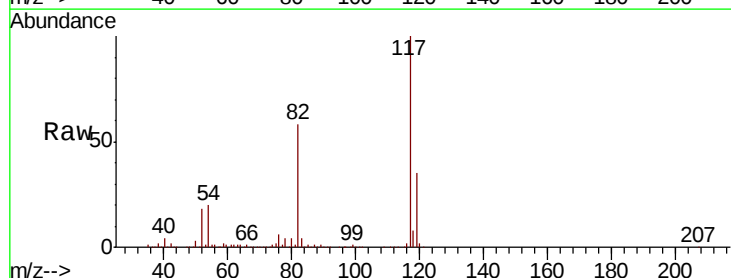
Tgt Ion: 117 Resp: 4370997

Ion Ratio Lower Upper

117 100

82 57.1 41.6 62.4

119 34.7 29.3 43.9



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V

2500000

2000000

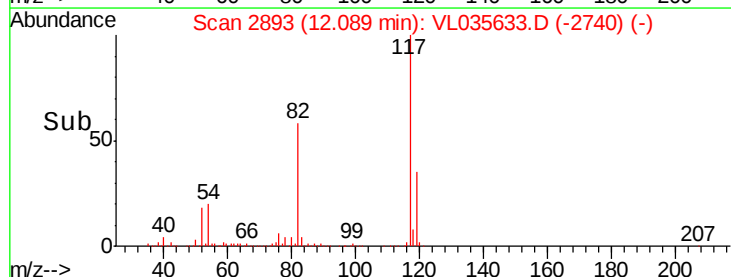
1500000

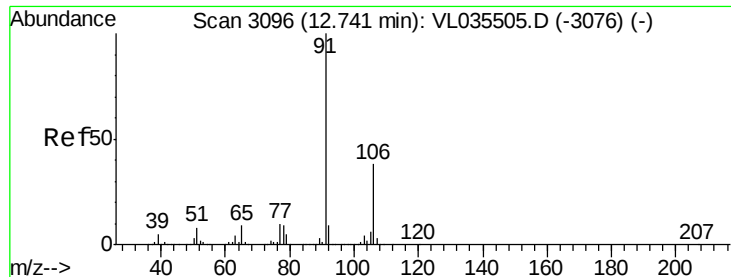
1000000

500000

0

Time-->

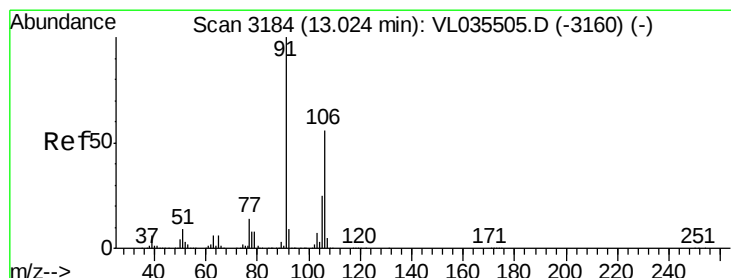
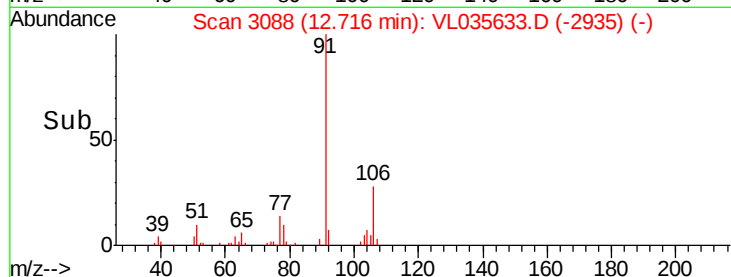
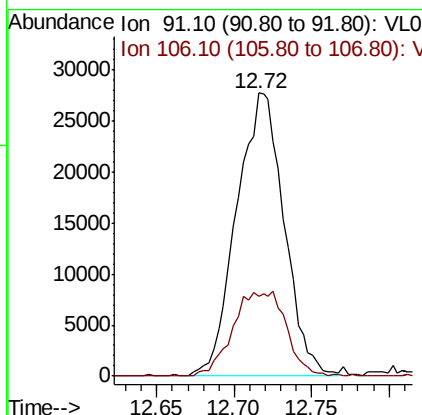
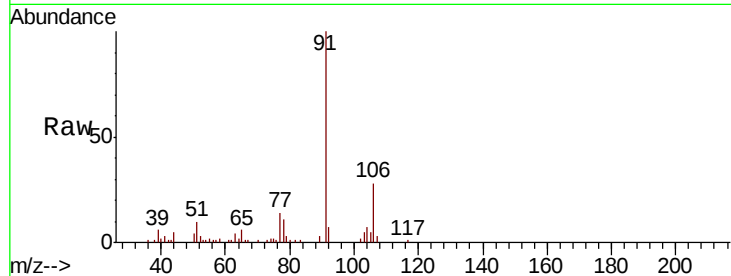




#58
Ethyl Benzene
Concen: 0.132 ppbv
RT: 12.72 min Scan# 3088
Delta R.T. -0.01 min
Lab File: VL035633.D
Acq: 16 Sep 2020 17:48

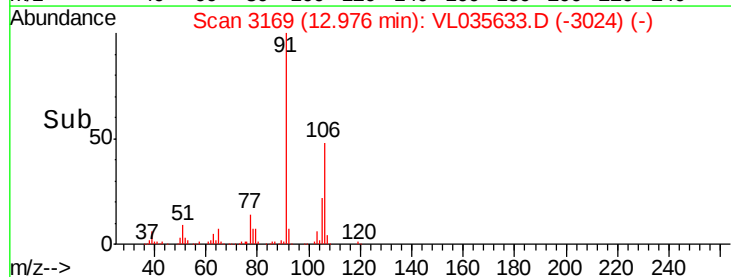
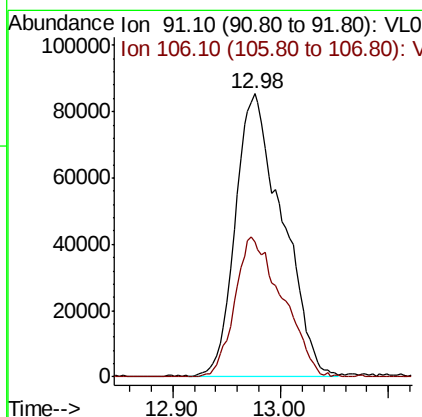
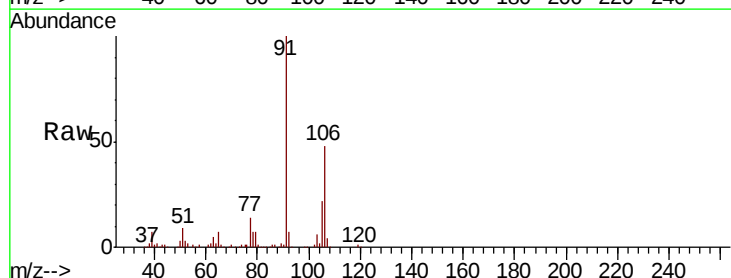
Instrument :
MSVOA_L
ClientSampleId :
TRC-IA-02DUP

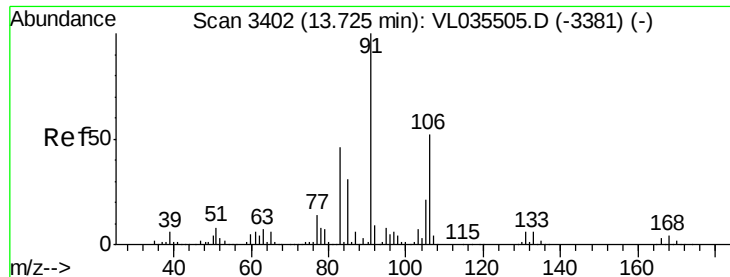
Tot Ion: 91 Resp: 59297
Ion Ratio Lower Upper
91 100
106 28.1 30.3 45.5#



#59
m/p-Xylene
Concen: 0.683 ppbv
RT: 12.98 min Scan# 3169
Delta R.T. -0.03 min
Lab File: VL035633.D
Acq: 16 Sep 2020 17:48

Tgt Ion: 91 Resp: 257158
Ion Ratio Lower Upper
91 100
106 50.2 43.4 65.2

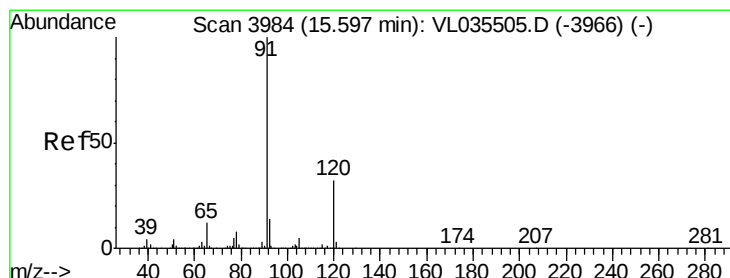
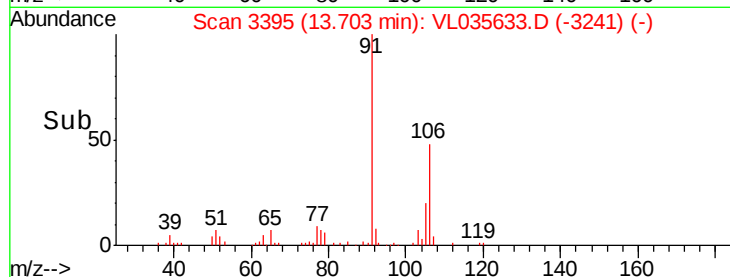
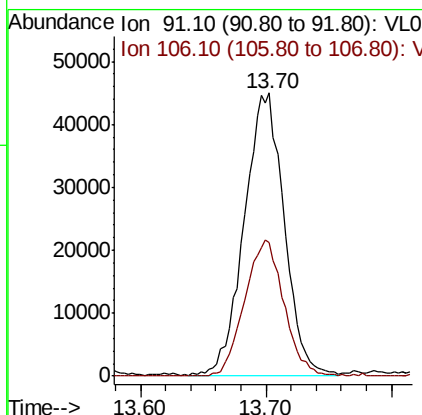
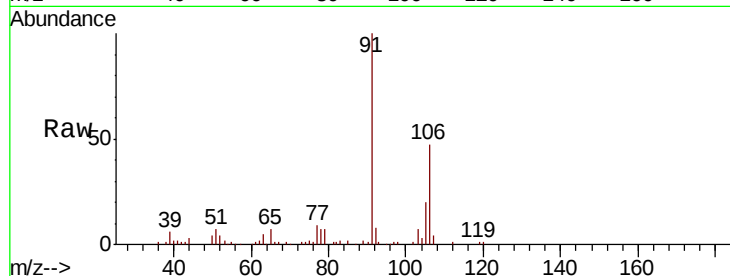




#60
o-Xylene
Concen: 0.264 ppbv
RT: 13.70 min Scan# 3395
Delta R.T. -0.00 min
Lab File: VL035633.D
Acq: 16 Sep 2020 17:48

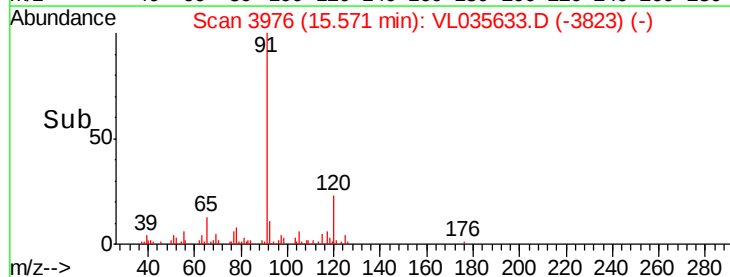
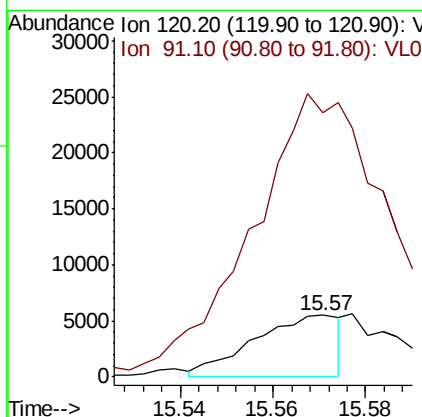
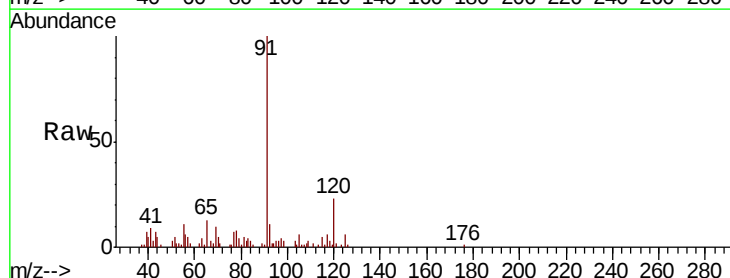
Instrument :
MSVOA_L
ClientSampleID :
TRC-IA-02DUP

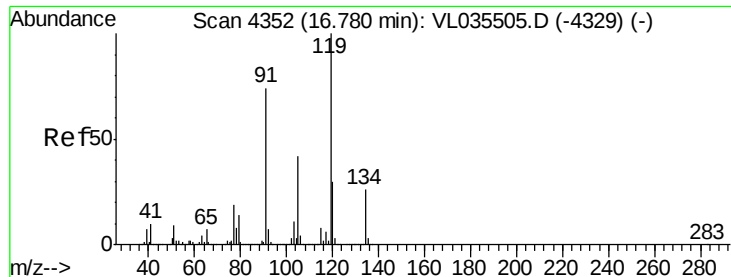
Tot Ion: 91 Resp: 100010
Ion Ratio Lower Upper
91 100
106 46.9 25.8 77.4



#64
n-propylbenzene
Concen: 0.038 ppbv
RT: 15.57 min Scan# 3976
Delta R.T. -0.01 min
Lab File: VL035633.D
Acq: 16 Sep 2020 17:48

Tgt Ion:120 Resp: 7093
Ion Ratio Lower Upper
120 100
91 789.5 279.4 419.0#





#65

tert-Butylbenzene

Concen: 0.073 ppbv

RT: 16.77 min Scan# 4348

Delta R.T. 0.01 min

Lab File: VL035633.D

Acq: 16 Sep 2020 17:48

Instrument :

MSVOA_L

ClientSampleId :

TRC-IA-02DUP

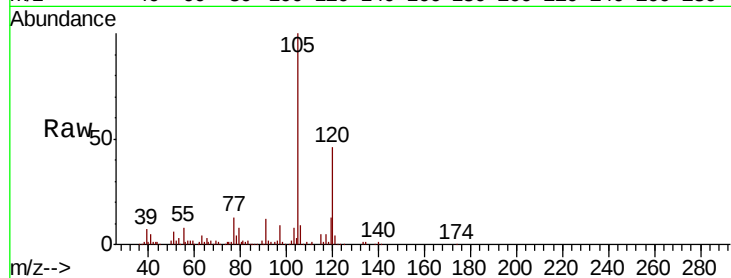
Tot Ion:119 Resp: 41229

Ion Ratio Lower Upper

119 100

91 90.0 58.6 87.8#

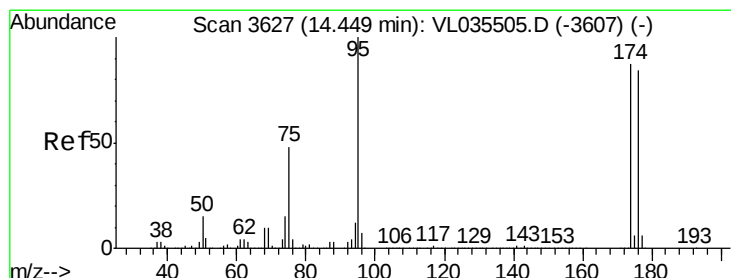
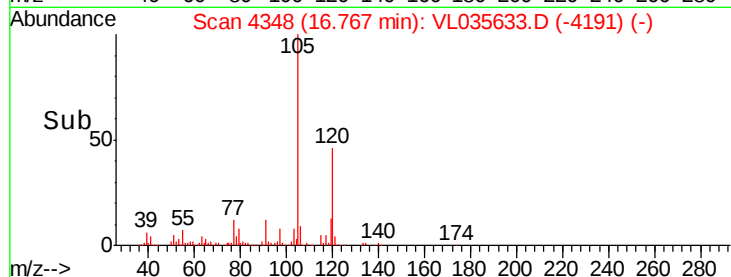
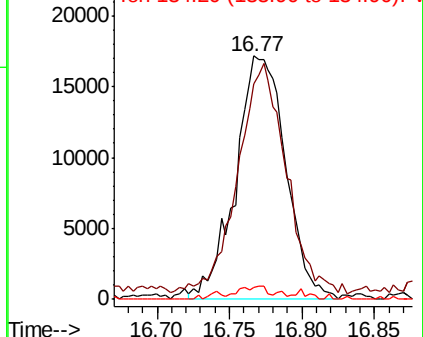
134 5.8 18.9 28.3#



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.562 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. -0.01 min

Lab File: VL035633.D

Acq: 16 Sep 2020 17:48

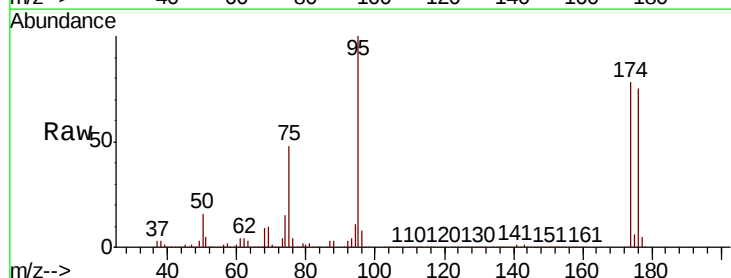
Tgt Ion: 95 Resp: 3278606

Ion Ratio Lower Upper

95 100

174 78.3 69.6 104.4

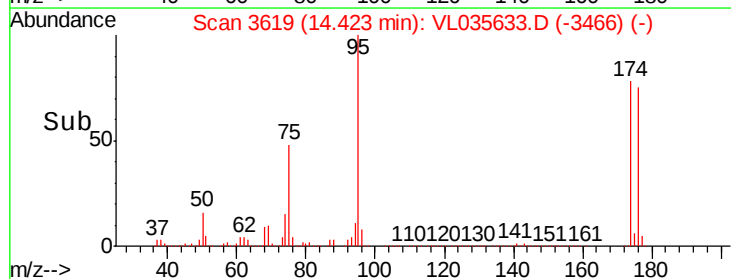
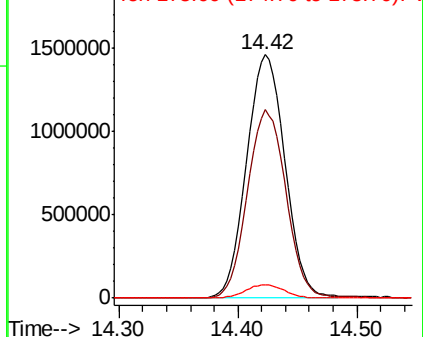
175 5.7 5.1 7.7

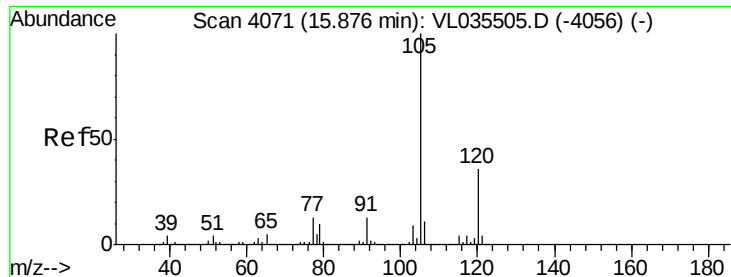


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#72

4-Ethyltoluene

Concen: 0.130 ppbv

RT: 15.85 min Scan# 4062

Delta R.T. -0.01 min

Lab File: VL035633.D

Acq: 16 Sep 2020 17:48

Instrument :

MSVOA_L

ClientSampleId :

TRC-IA-02DUP

Tot Ion:105 Resp: 62650

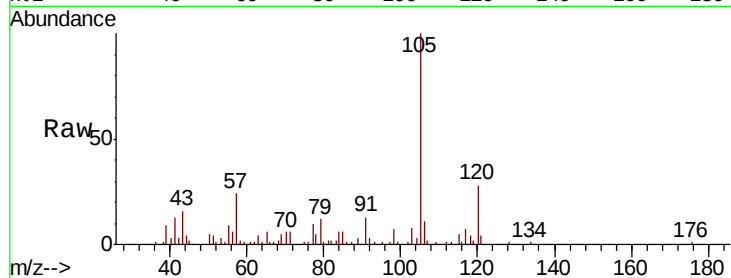
Ion Ratio Lower Upper

105 100

120 30.4 27.4 41.2

91 13.2 9.7 14.5

77 15.1 9.6 14.4#

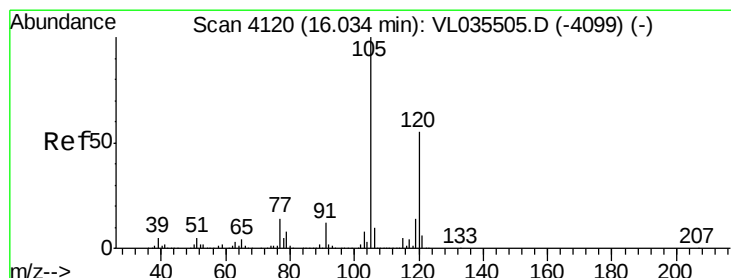
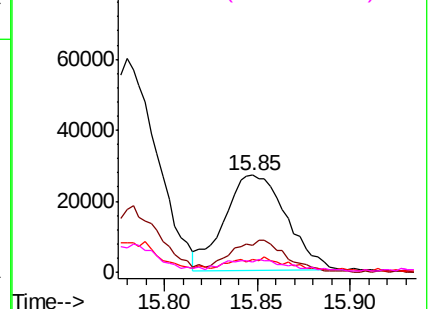
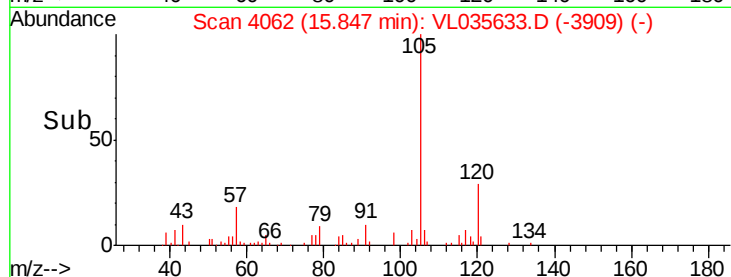


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#73

1,3,5-Trimethylbenzene

Concen: 0.221 ppbv

RT: 16.01 min Scan# 4113

Delta R.T. -0.00 min

Lab File: VL035633.D

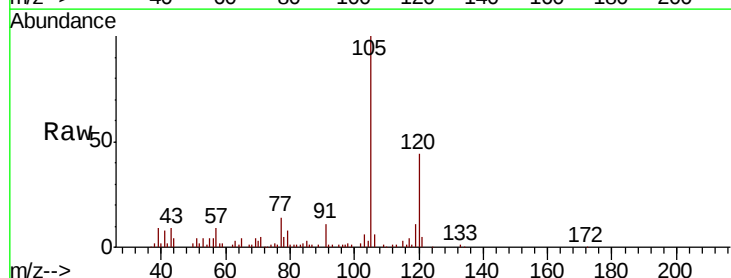
Acq: 16 Sep 2020 17:48

Tgt Ion:105 Resp: 98558

Ion Ratio Lower Upper

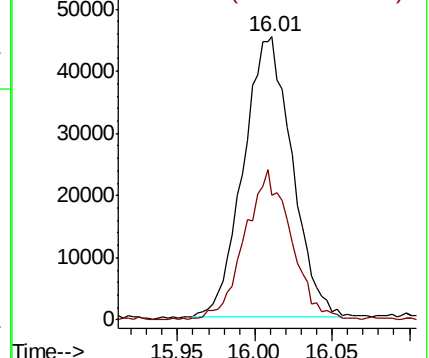
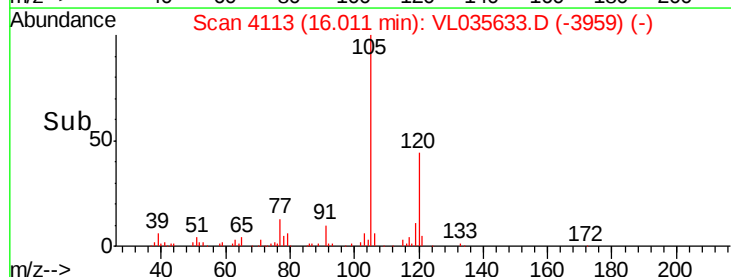
105 100

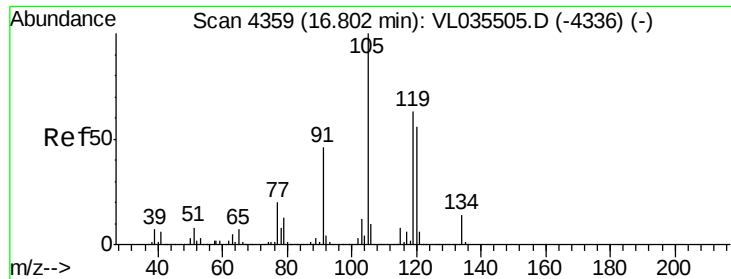
120 43.9 44.2 66.2#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

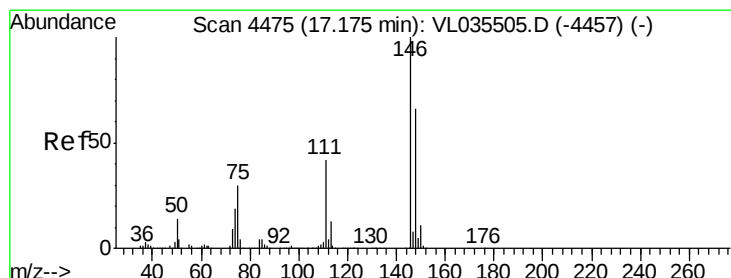
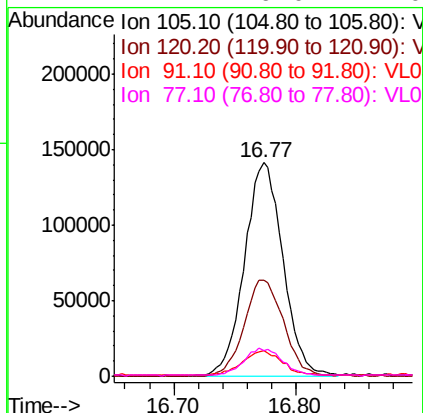
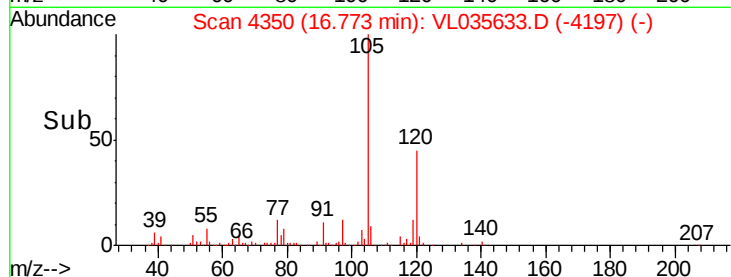
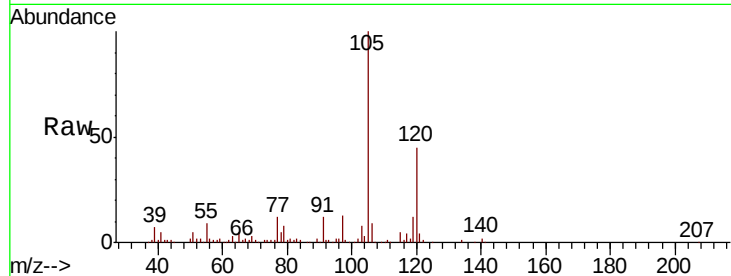




#74
 1,2,4-Trimethylbenzene
 Concen: 0.625 ppbv
 RT: 16.77 min Scan# 4350
 Delta R.T. -0.01 min
 Lab File: VL035633.D
 Acq: 16 Sep 2020 17:48

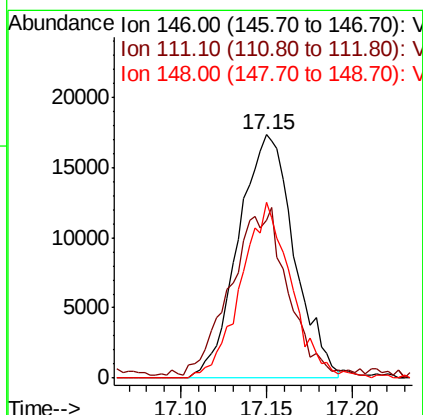
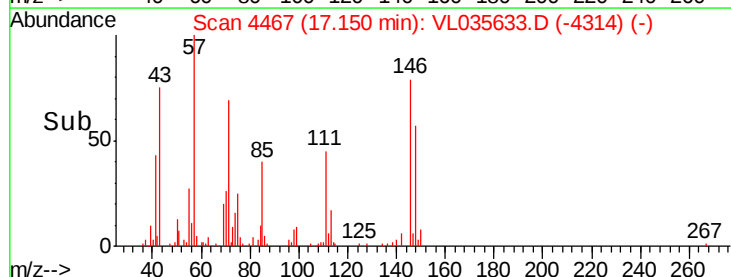
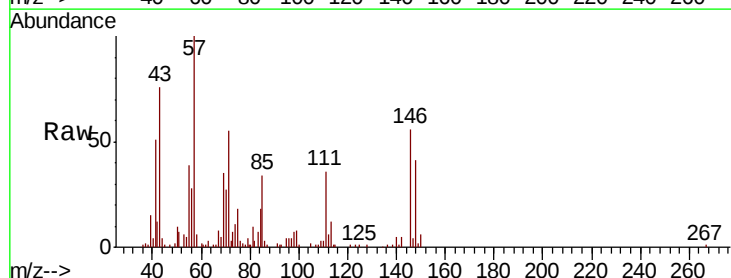
Instrument :
 MSVOA_L
 ClientSampleId :
 TRC-IA-02DUP

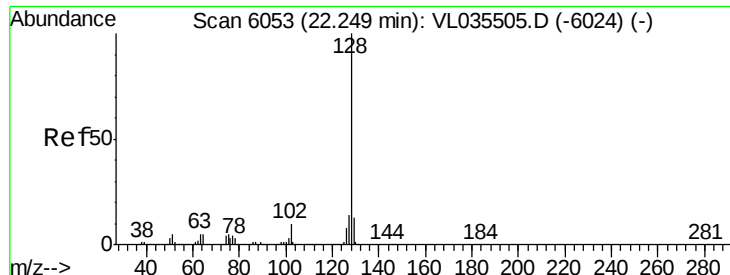
Tot Ion:105	Resp:	306085
Ion Ratio	Lower	Upper
105 100		
120 45.0	44.4	66.6
91 11.3	37.1	55.7#
77 11.7	16.0	24.0#



#76
 1,4-Dichlorobenzene
 Concen: 0.109 ppbv
 RT: 17.15 min Scan# 4467
 Delta R.T. -0.01 min
 Lab File: VL035633.D
 Acq: 16 Sep 2020 17:48

Tgt Ion:146	Resp:	39054
Ion Ratio	Lower	Upper
146 100		
111 72.8	20.0	60.0#
148 65.6	33.2	99.6





#79

Naphthalene

Concen: 0.044 ppbv

RT: 22.22 min Scan# 6043

Delta R.T. -0.01 min

Lab File: VL035633.D

Acq: 16 Sep 2020 17:48

Instrument :

MSVOA_L

ClientSampleId :

TRC-IA-02DUP

Tot Ion:128 Resp: 23955

Ion Ratio Lower Upper

128 100

127 12.4 11.4 17.2

129 13.1 10.5 15.7

