

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091620\
 Data File : VL035632.D
 Acq On : 16 Sep 2020 17:07
 Operator : SY/AP
 Sample : L4026-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 TRC-IA-02

Quant Time: Sep 17 07:07:44 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	1033947	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4035351	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4101124	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3128530	10.74	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.40%

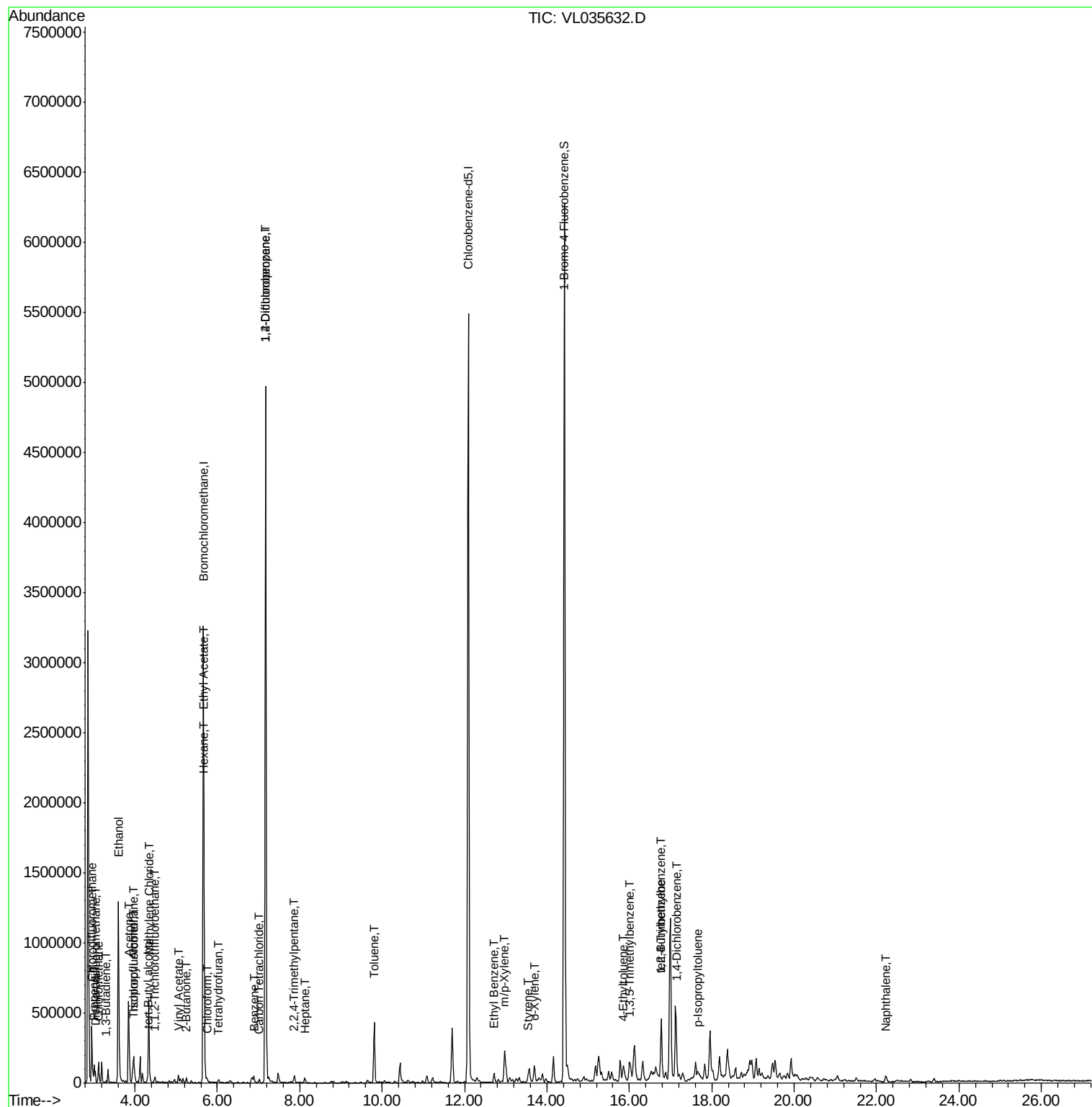
Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.04	85	55066	0.307 ppbv	94
3) Chlorodifluoromethane	2.95	51	282199	2.468 ppbv #	64
4) Chloromethane	3.13	50	33945	0.554 ppbv	96
9) Propene	3.01	41	24375	0.553 ppbv #	82
10) Heptane	8.12	43	8860	0.075 ppbv #	83
11) Trichlorofluoromethane	3.94	101	70128	0.268 ppbv	89
12) 1,1,2-Trichlorotrifluoroet	4.48	101	16080	0.082 ppbv	97
13) Ethanol	3.60	45	1365641	124.939 ppbv	97
15) Acetone	3.84	43	535379	4.695 ppbv	99
16) 1,3-Butadiene	3.29	39	4153	0.098 ppbv #	1
17) tert-Butyl alcohol	4.30	59	15403	0.111 ppbv	100
19) Isopropyl Alcohol	3.97	45	191231	2.811 ppbv #	93
20) Methylene Chloride	4.34	84	256216	3.017 ppbv	94
23) Vinyl Acetate	5.06	43	29912	0.204 ppbv #	75
25) Ethyl Acetate	5.68	43	66455	0.330 ppbv #	80
26) Hexane	5.68	57	96091	0.842 ppbv #	51
29) Chloroform	5.74	83	13418	0.058 ppbv	98
34) 2-Butanone	5.24	43	37754	0.315 ppbv	92
35) Carbon Tetrachloride	7.01	117	16135	0.080 ppbv	90
36) Benzene	6.89	78	35292	0.135 ppbv #	95
39) 1,2-Dichloropropane	7.17	63	763743	8.655 ppbv #	32
41) Tetrahydrofuran	6.03	42	2252	0.035 ppbv #	53
44) 2,2,4-Trimethylpentane	7.87	57	22639	0.066 ppbv #	45
53) Toluene	9.81	91	339352	1.033 ppbv	96
58) Ethyl Benzene	12.72	91	55039	0.130 ppbv	90
59) m/p-Xylene	12.98	91	133794	0.379 ppbv #	24
60) o-Xylene	13.70	91	40240	0.113 ppbv #	26
61) Styrene	13.54	104	15014	0.055 ppbv #	89
65) tert-Butylbenzene	16.77	119	39641	0.075 ppbv #	71
69) p-Isopropyltoluene	17.66	119	27293	0.044 ppbv #	92
72) 4-Ethyltoluene	15.85	105	24286	0.054 ppbv #	40
73) 1,3,5-Trimethylbenzene	16.00	105	97591	0.233 ppbv #	85
74) 1,2,4-Trimethylbenzene	16.77	105	295845	0.644 ppbv #	68
76) 1,4-Dichlorobenzene	17.15	146	40579	0.121 ppbv #	79
79) Naphthalene	22.23	128	51360	0.101 ppbv #	92

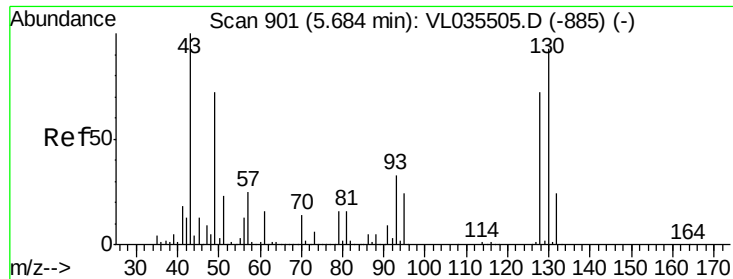
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.00 min

Lab File: VL035632.D

Acq: 16 Sep 2020 17:07

Instrument :

MSVOA_L

ClientSampleId :

TRC-IA-02

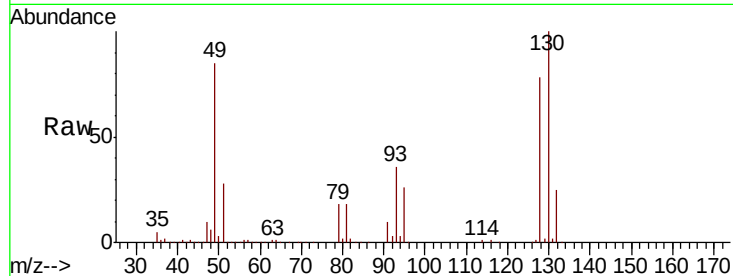
Tot Ion: 49 Resp: 1033947

Ion Ratio Lower Upper

49 100

128 89.5 50.0 150.1

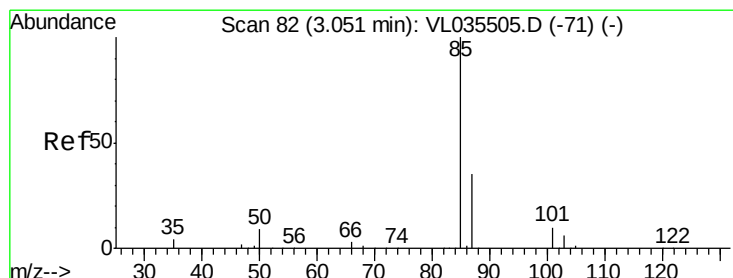
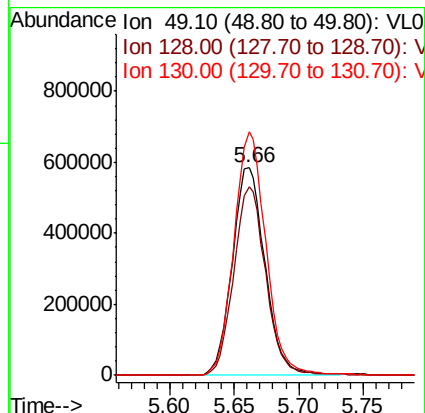
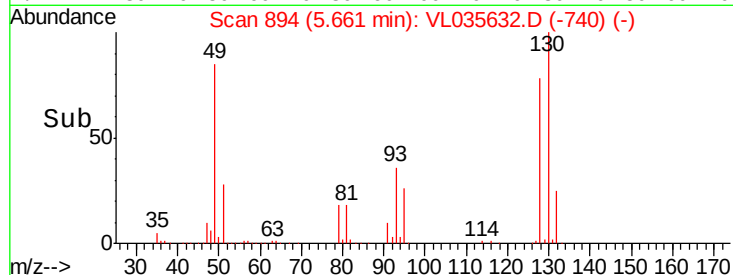
130 115.4 64.4 193.2



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: 0.307 ppbv

RT: 3.04 min Scan# 79

Delta R.T. 0.01 min

Lab File: VL035632.D

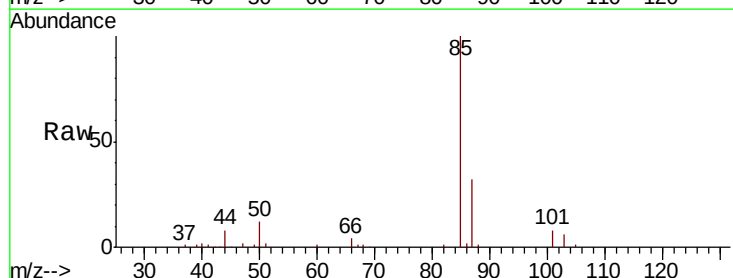
Acq: 16 Sep 2020 17:07

Tgt Ion: 85 Resp: 55066

Ion Ratio Lower Upper

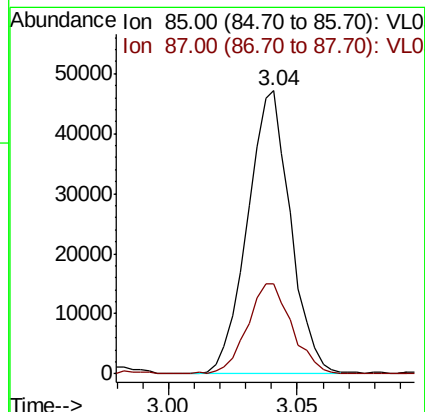
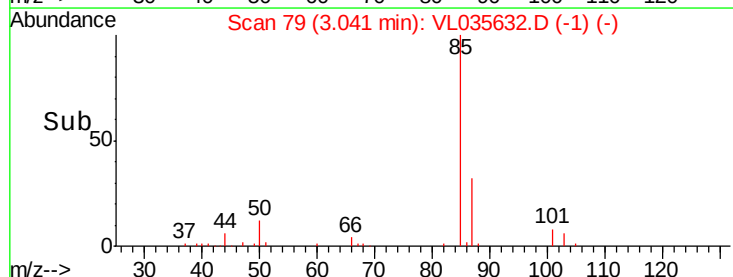
85 100

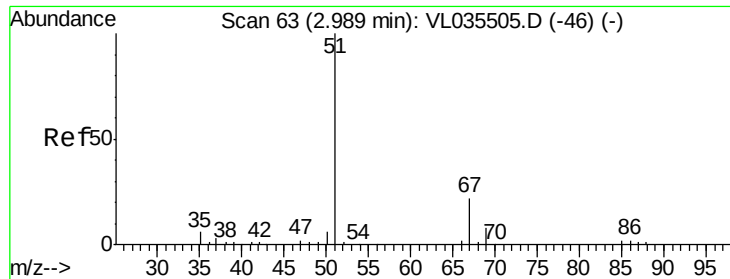
87 31.7 28.0 42.0



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: 2.95 min Scan# 52

Delta R.T. -0.02 min

Lab File: VL035632.D

Acq: 16 Sep 2020 17:07

Instrument :

MSVOA_L

ClientSampleId :

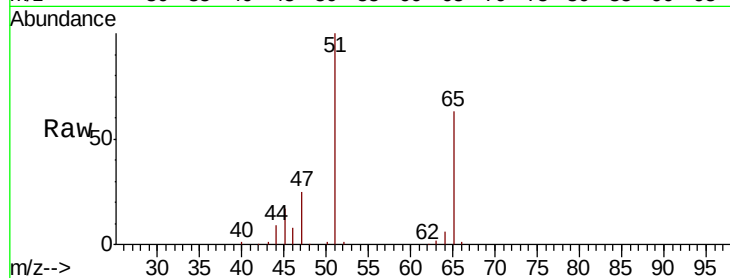
TRC-IA-02

Tot Ion: 51 Resp: 282199

Ion Ratio Lower Upper

51 100

67 5.0 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

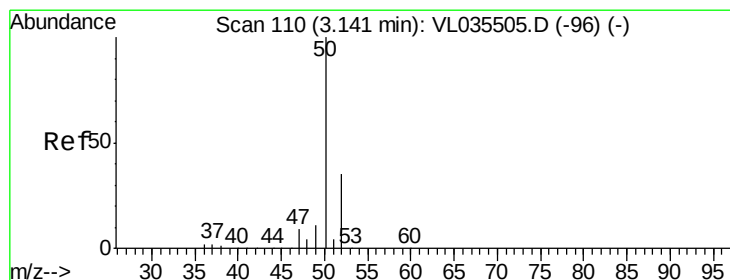
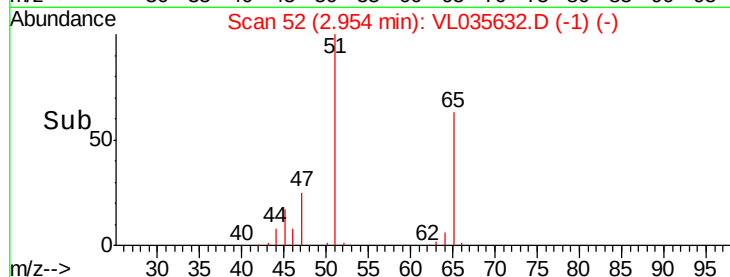
0

2.90

3.00

3.10

Time-->



#4

Chloromethane

Concen: 0.554 ppbv

RT: 3.13 min Scan# 107

Delta R.T. 0.00 min

Lab File: VL035632.D

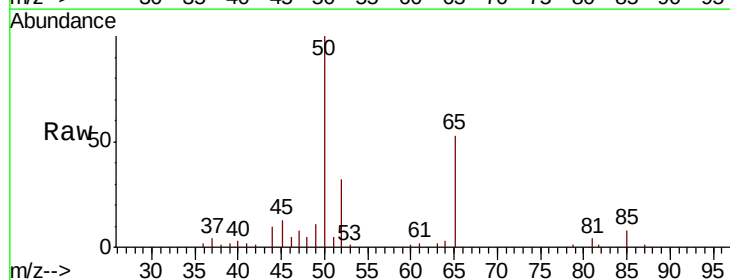
Acq: 16 Sep 2020 17:07

Tgt Ion: 50 Resp: 33945

Ion Ratio Lower Upper

50 100

52 32.5 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

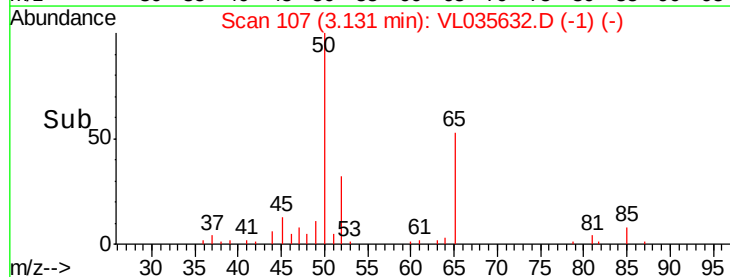
0

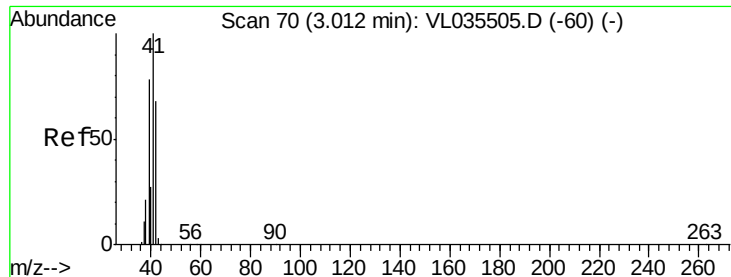
3.10

3.15

3.20

Time-->





#9

Propene

Concen: 0.553 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.02 min

Lab File: VL035632.D

Acq: 16 Sep 2020 17:07

Instrument :

MSVOA_L

ClientSampleId :

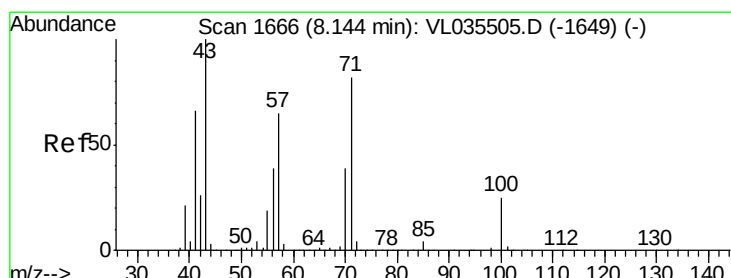
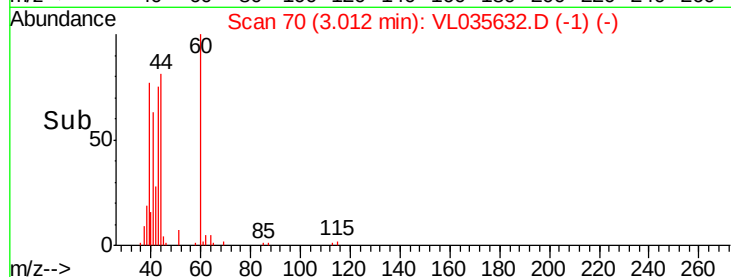
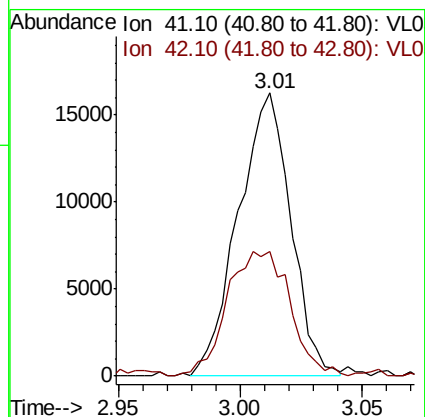
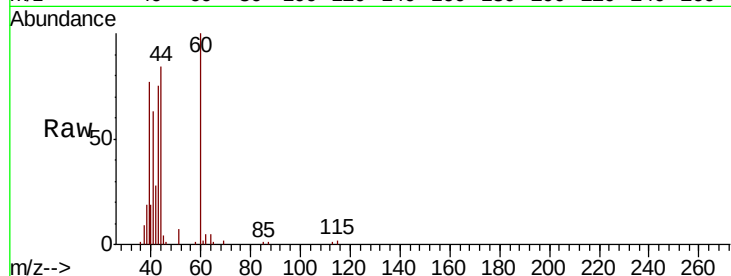
TRC-IA-02

Tot Ion: 41 Resp: 24375

Ion Ratio Lower Upper

41 100

42 55.4 56.3 84.5#



#10

Heptane

Concen: 0.075 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VL035632.D

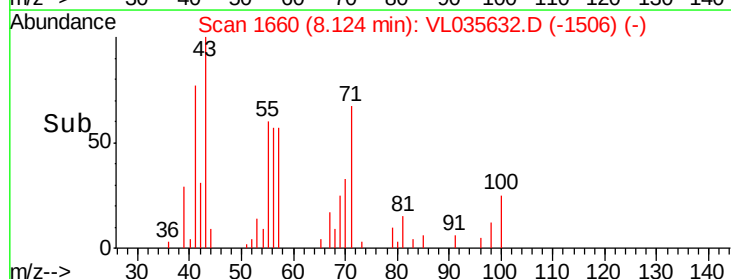
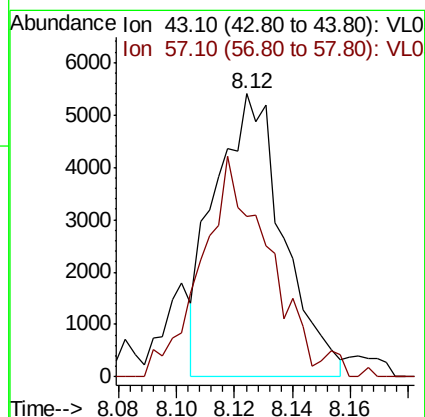
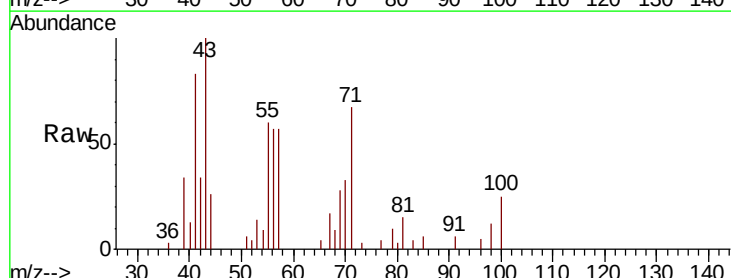
Acq: 16 Sep 2020 17:07

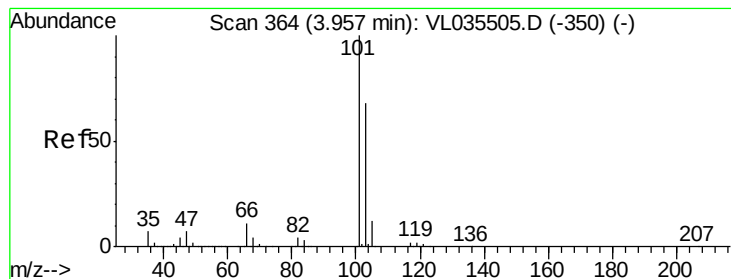
Tgt Ion: 43 Resp: 8860

Ion Ratio Lower Upper

43 100

57 77.3 51.4 77.0#





#11

Trichlorofluoromethane

Concen: 0.268 ppbv

RT: 3.94 min Scan# 360

Delta R.T. 0.00 min

Lab File: VL035632.D

Acq: 16 Sep 2020 17:07

Instrument :

MSVOA_L

ClientSampleId :

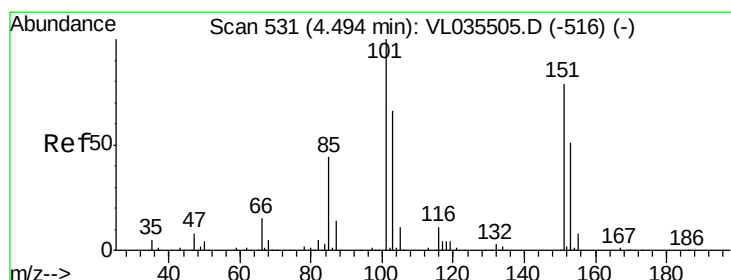
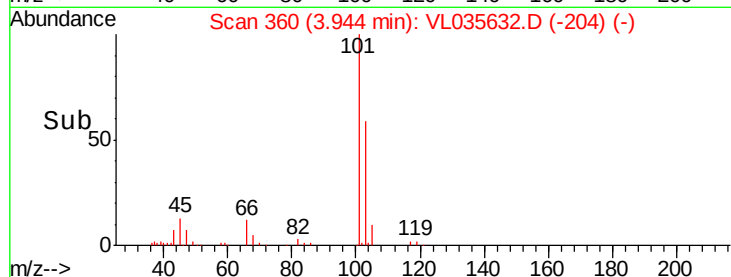
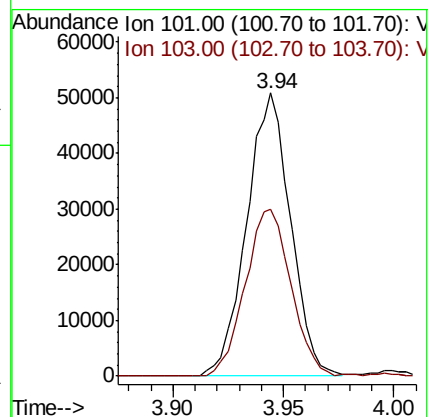
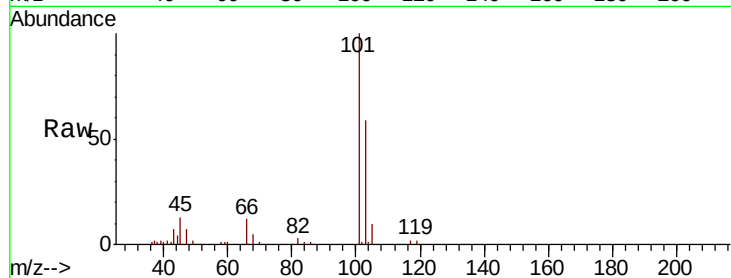
TRC-IA-02

Tot Ion:101 Resp: 70128

Ion Ratio Lower Upper

101 100

103 59.1 54.5 81.7



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.082 ppbv

RT: 4.48 min Scan# 527

Delta R.T. 0.00 min

Lab File: VL035632.D

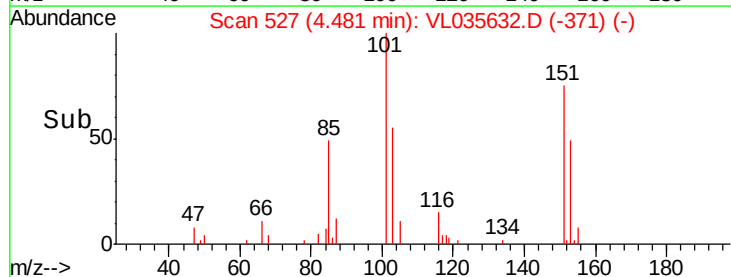
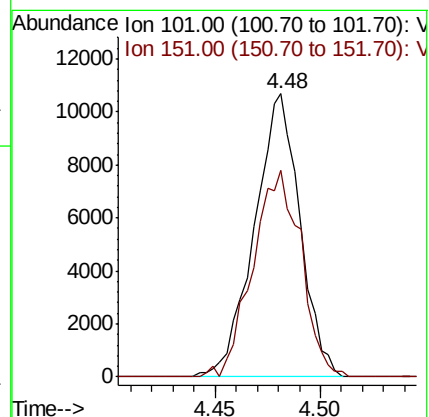
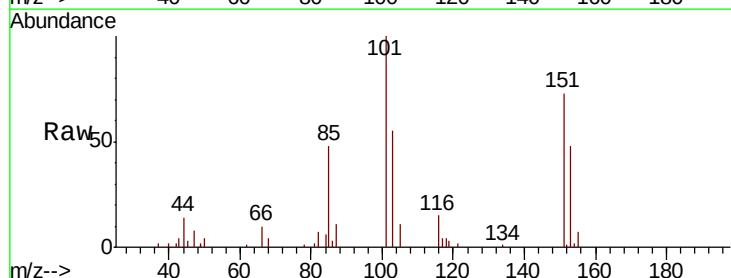
Acq: 16 Sep 2020 17:07

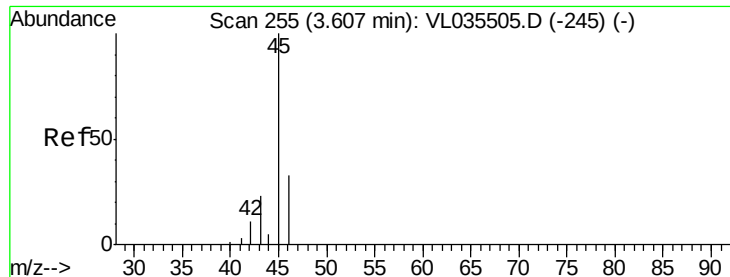
Tgt Ion:101 Resp: 16080

Ion Ratio Lower Upper

101 100

151 77.0 63.5 95.3

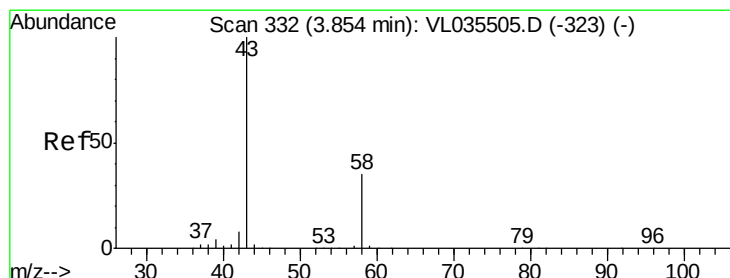
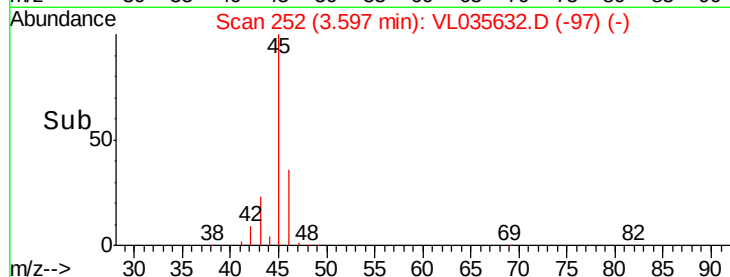
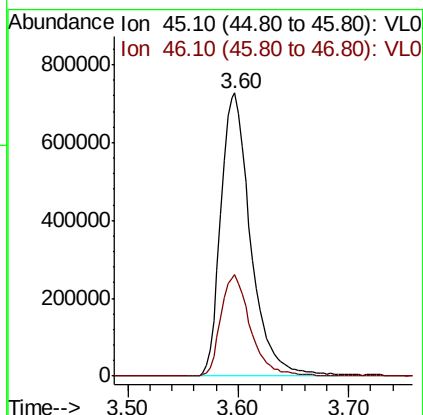
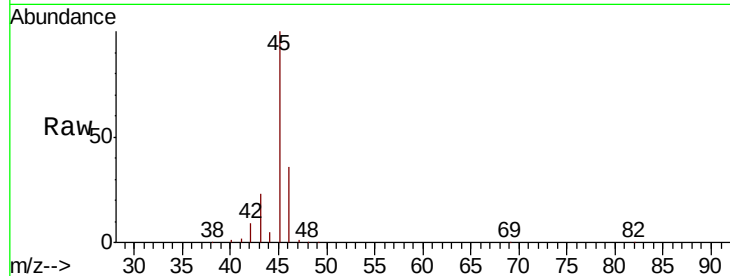




#13
Ethanol
Concen: 124.939 ppbv
RT: 3.60 min Scan# 252
Delta R.T. -0.00 min
Lab File: VL035632.D
Acq: 16 Sep 2020 17:07

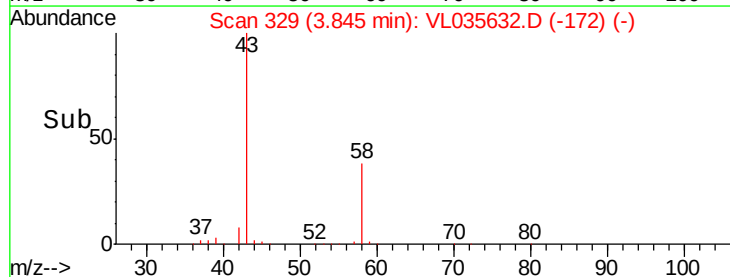
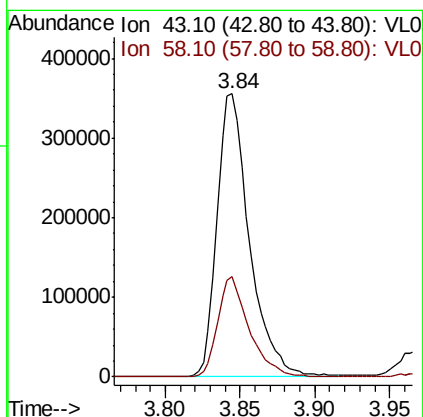
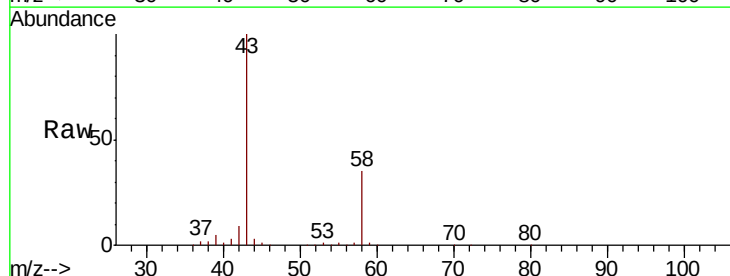
Instrument :
MSVOA_L
ClientSampleId :
TRC-IA-02

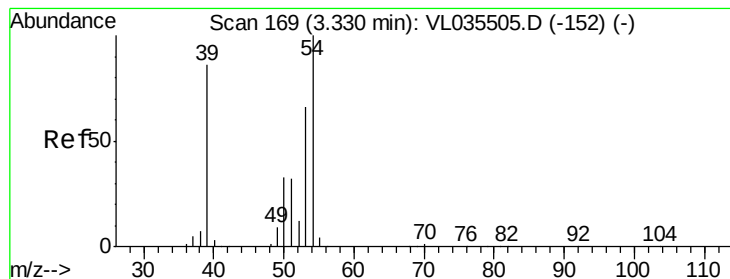
Tot Ion: 45 Resp: 1365641
Ion Ratio Lower Upper
45 100
46 35.9 15.2 60.6



#15
Acetone
Concen: 4.695 ppbv
RT: 3.84 min Scan# 329
Delta R.T. 0.01 min
Lab File: VL035632.D
Acq: 16 Sep 2020 17:07

Tgt Ion: 43 Resp: 535379
Ion Ratio Lower Upper
43 100
58 34.8 28.4 42.6





#16

1,3-Butadiene

Concen: 0.098 ppbv

RT: 3.29 min Scan# 158

Delta R.T. -0.02 min

Lab File: VL035632.D

Acq: 16 Sep 2020 17:07

Instrument :

MSVOA_L

ClientSampleId :

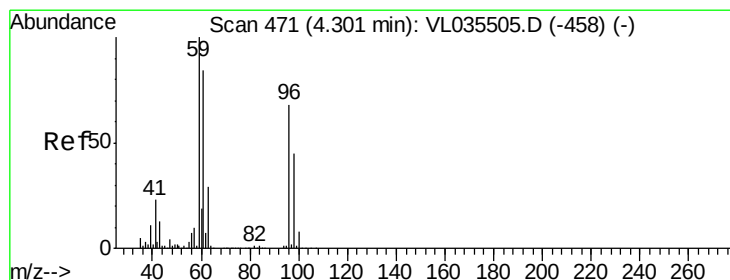
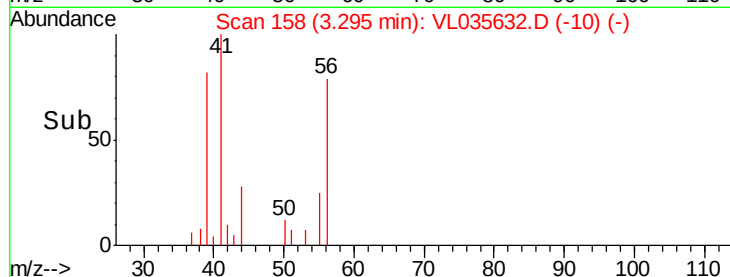
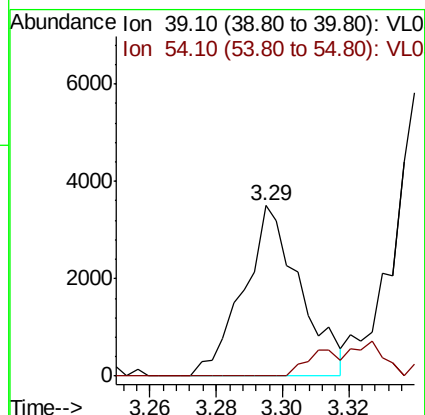
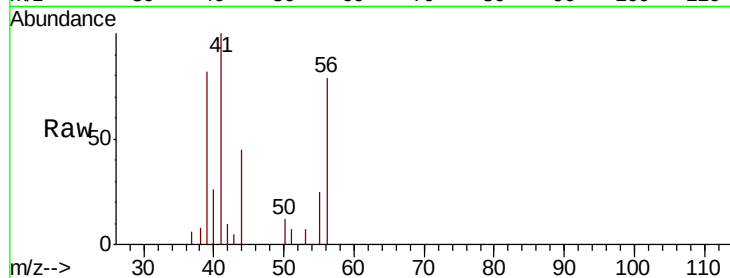
TRC-IA-02

Tot Ion: 39 Resp: 4153

Ion Ratio Lower Upper

39 100

54 0.0 88.4 132.6#



#17

tert-Butyl alcohol

Concen: 0.111 ppbv

RT: 4.30 min Scan# 472

Delta R.T. 0.02 min

Lab File: VL035632.D

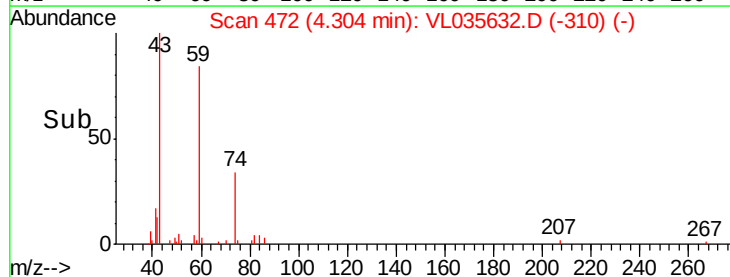
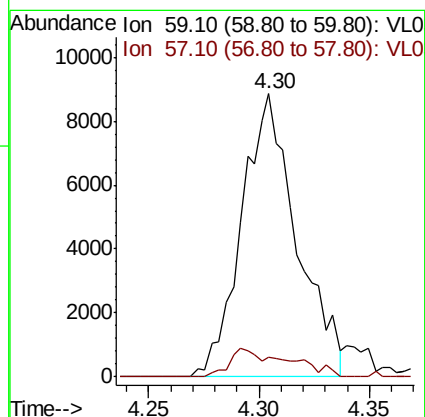
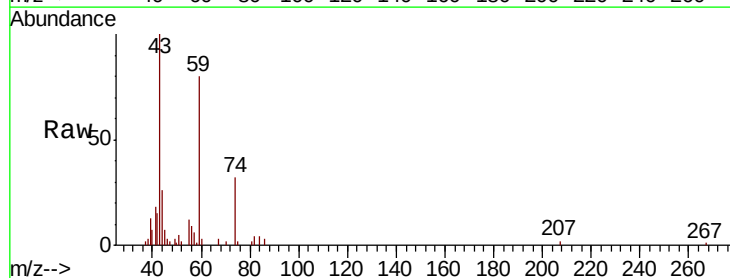
Acq: 16 Sep 2020 17:07

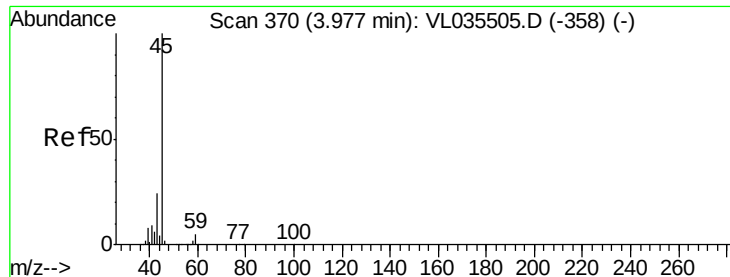
Tgt Ion: 59 Resp: 15403

Ion Ratio Lower Upper

59 100

57 10.6 8.4 12.6





#19

Isopropyl Alcohol

Concen: 2.811 ppbv

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VL035632.D

Acq: 16 Sep 2020 17:07

Instrument :

MSVOA_L

ClientSampled :

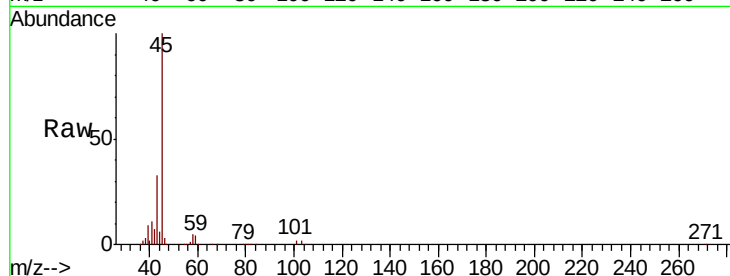
TRC-IA-02

Tot Ion: 45 Resp: 191231

Ion Ratio Lower Upper

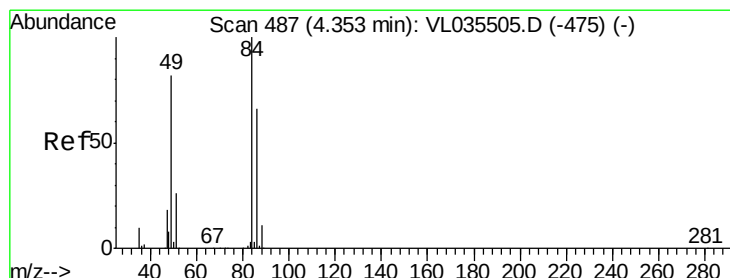
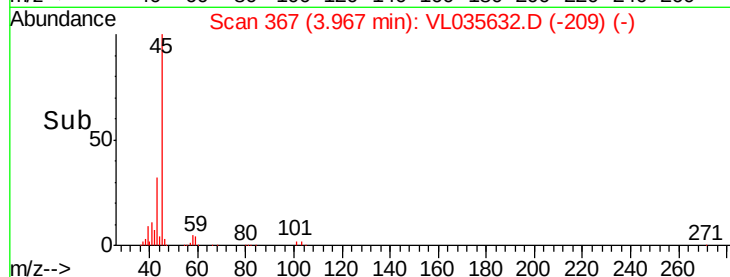
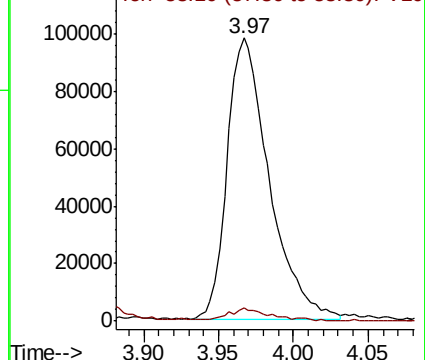
45 100

58 4.8 2.0 3.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 3.017 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.00 min

Lab File: VL035632.D

Acq: 16 Sep 2020 17:07

Tgt Ion: 84 Resp: 256216

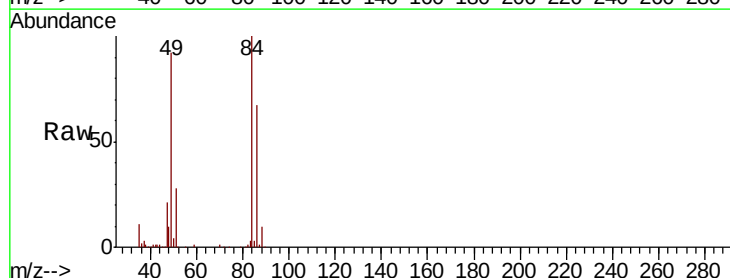
Ion Ratio Lower Upper

84 100

49 91.5 65.4 98.0

51 27.5 21.5 32.3

86 67.2 52.9 79.3

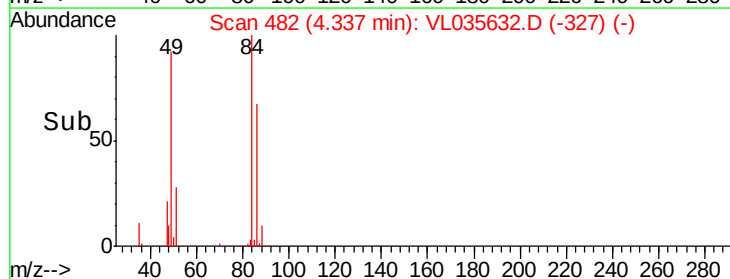
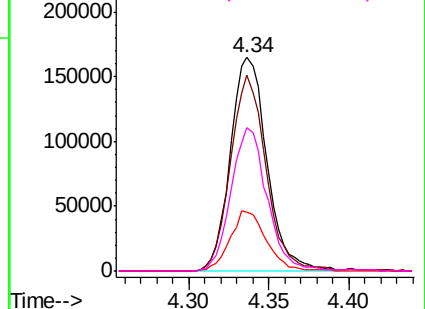


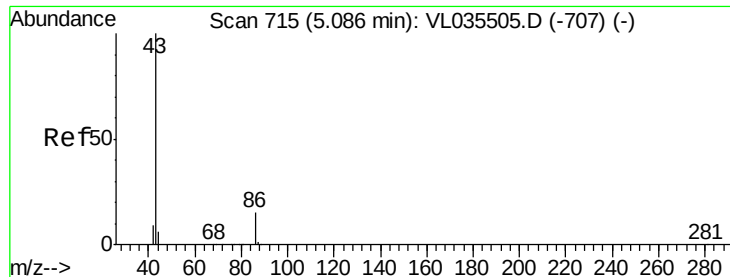
Abundance Ion 84.00 (83.70 to 84.70): VL0

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





#23

Vinyl Acetate

Concen: 0.204 ppbv

RT: 5.06 min Scan# 707

Delta R.T. -0.01 min

Lab File: VL035632.D

Acq: 16 Sep 2020 17:07

Instrument :

MSVOA_L

ClientSampleId :

TRC-IA-02

Tot Ion: 43 Resp: 29912

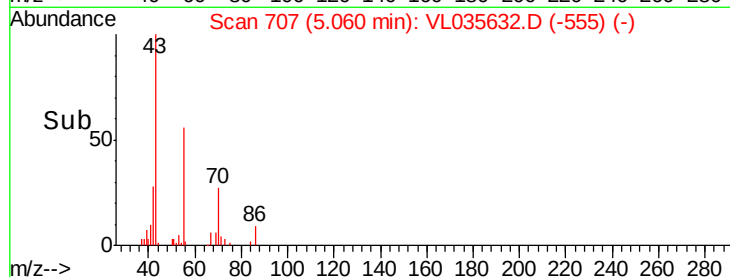
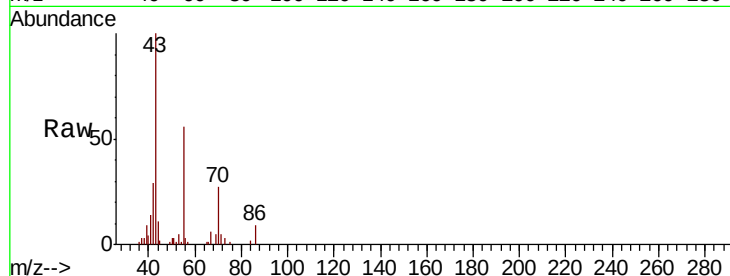
Ion Ratio Lower Upper

43 100

86 8.7 10.6 16.0#

42 28.0 7.5 11.3#

44 1.6 4.4 6.6#

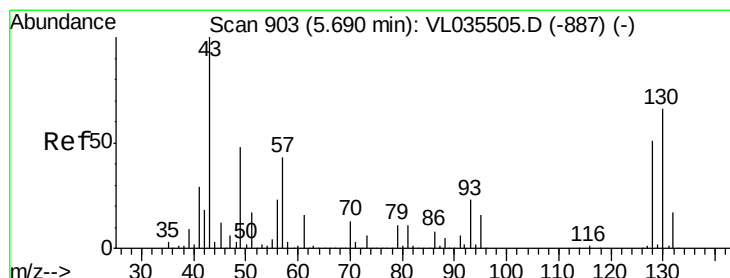
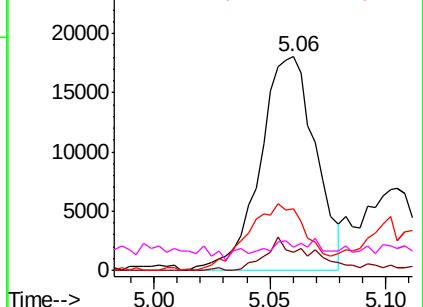


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 0.330 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.01 min

Lab File: VL035632.D

Acq: 16 Sep 2020 17:07

Tgt Ion: 43 Resp: 66455

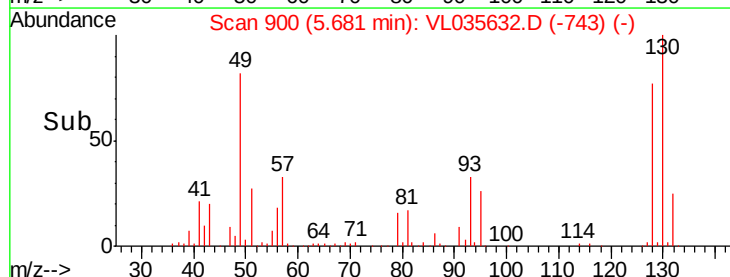
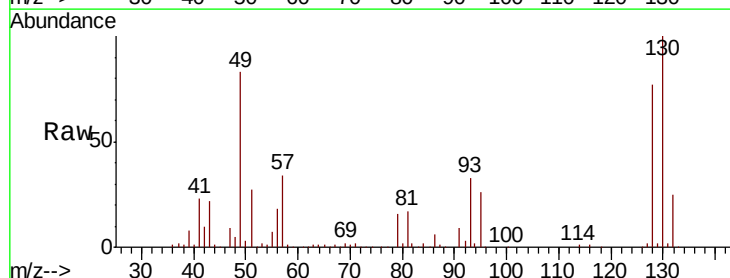
Ion Ratio Lower Upper

43 100

45 4.8 8.4 12.6#

61 3.1 10.6 16.0#

70 4.5 9.4 14.2#

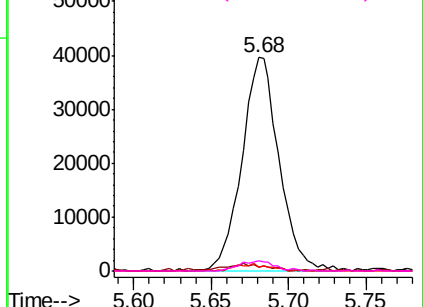


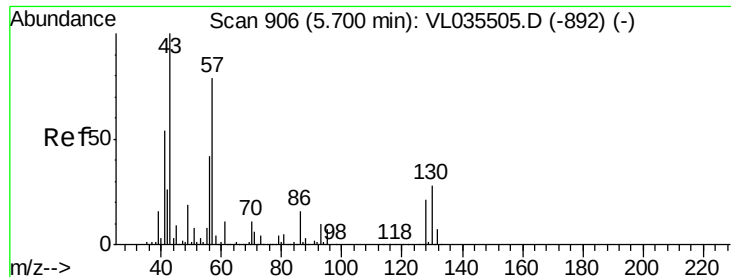
Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 0.842 ppbv

RT: 5.68 min Scan# 901

Delta R.T. -0.00 min

Lab File: VL035632.D

Acq: 16 Sep 2020 17:07

Instrument :

MSVOA_L

ClientSampleId :

TRC-IA-02

Tot Ion: 57 Resp: 96091

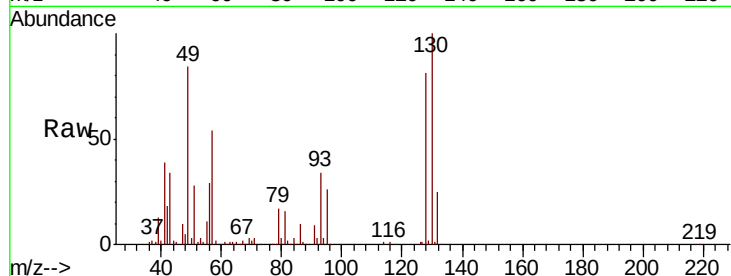
Ion Ratio Lower Upper

57 100

41 76.9 55.9 83.9

43 69.3 141.8 212.8#

56 58.5 41.8 62.8

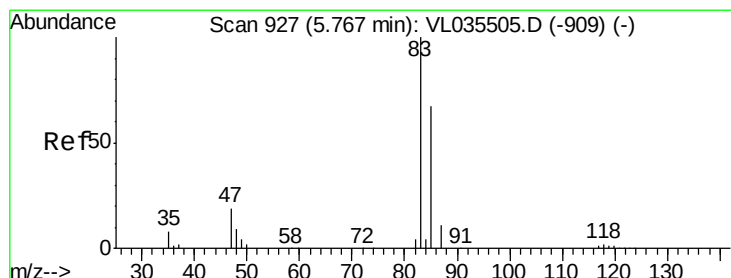
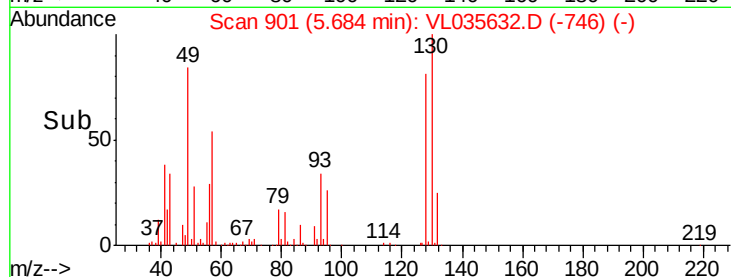
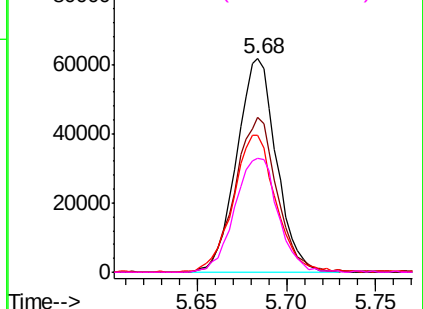


Abundance Ion 57.10 (56.80 to 57.80): VL0

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



#29

Chloroform

Concen: 0.058 ppbv

RT: 5.74 min Scan# 920

Delta R.T. -0.00 min

Lab File: VL035632.D

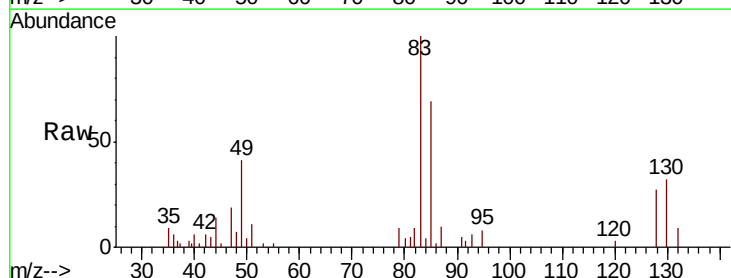
Acq: 16 Sep 2020 17:07

Tgt Ion: 83 Resp: 13418

Ion Ratio Lower Upper

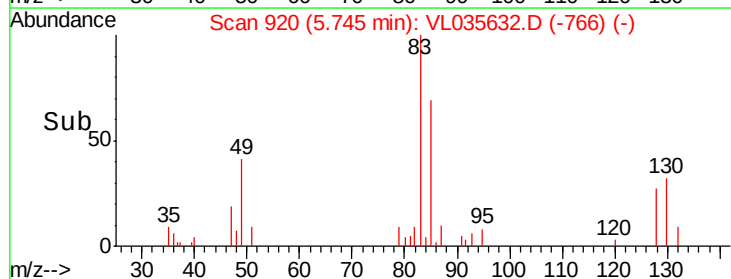
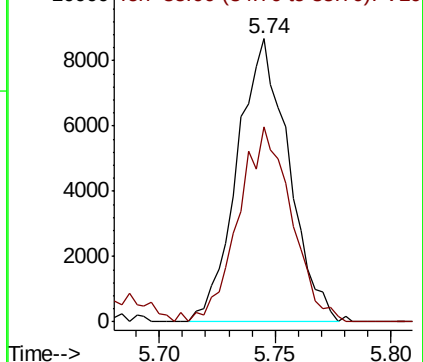
83 100

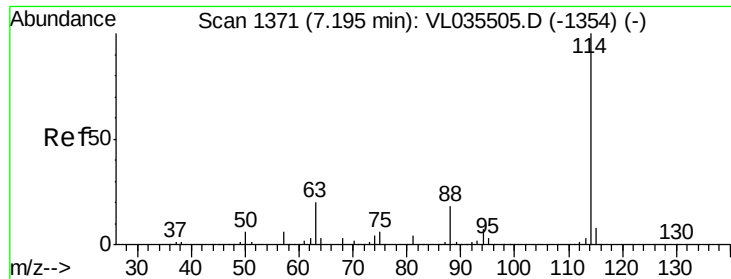
85 68.8 53.9 80.9



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

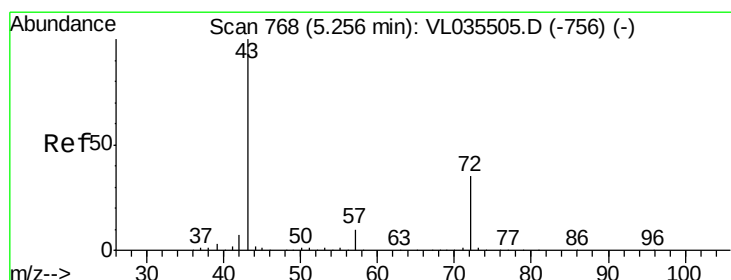
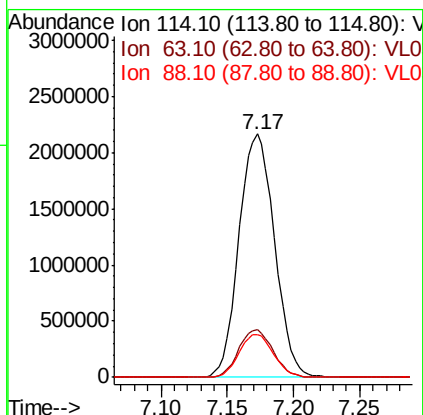
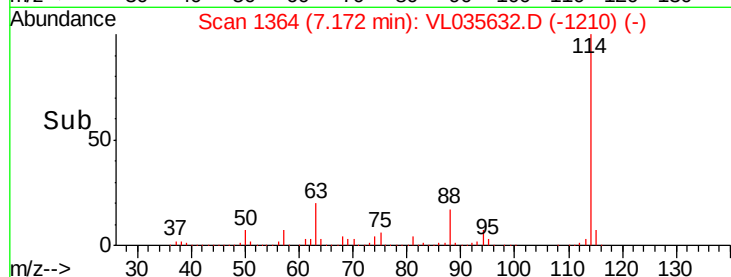
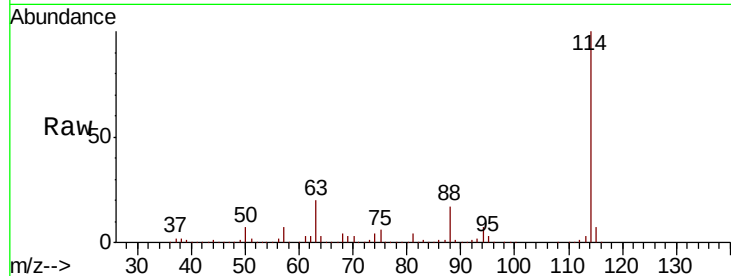




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VL035632.D
 Acq: 16 Sep 2020 17:07

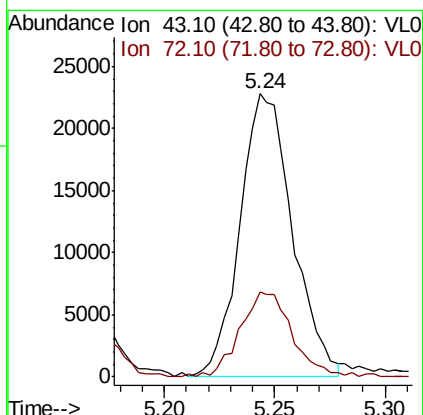
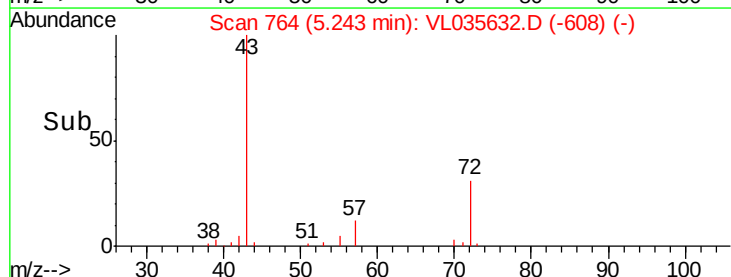
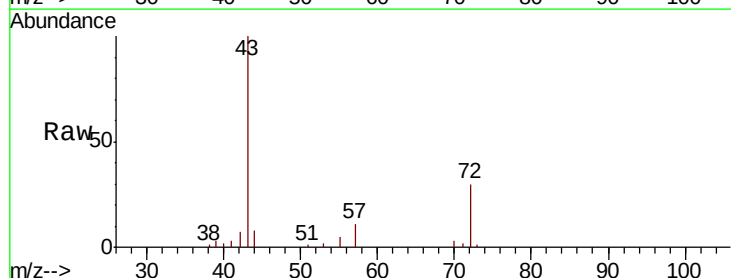
Instrument :
 MSVOA_L
 ClientSampleId :
 TRC-IA-02

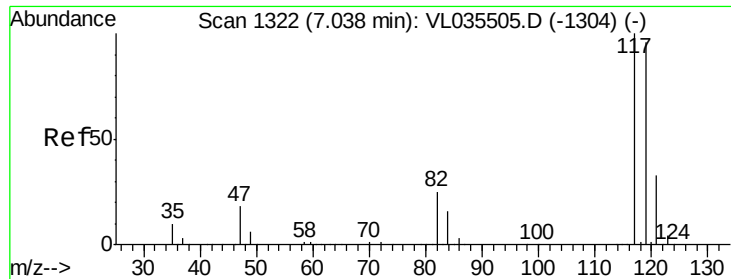
Tot Ion:114 Resp: 4035351
 Ion Ratio Lower Upper
 114 100
 63 19.0 14.7 22.1
 88 17.1 13.4 20.2



#34
 2-Butanone
 Concen: 0.315 ppbv
 RT: 5.24 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: VL035632.D
 Acq: 16 Sep 2020 17:07

Tgt Ion: 43 Resp: 37754
 Ion Ratio Lower Upper
 43 100
 72 29.9 27.7 41.5





#35

Carbon Tetrachloride

Concen: 0.080 ppbv

RT: 7.01 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VL035632.D

Acq: 16 Sep 2020 17:07

Instrument :

MSVOA_L

ClientSampleId :

TRC-IA-02

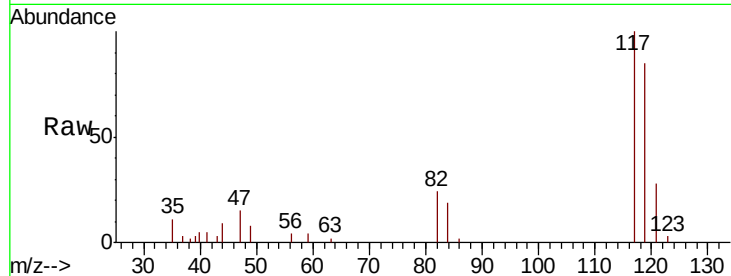
Tot Ion:117 Resp: 16135

Ion Ratio Lower Upper

117 100

119 85.3 77.2 115.8

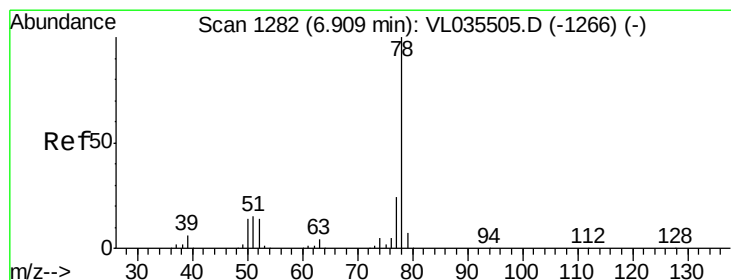
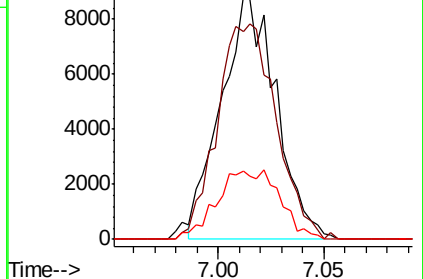
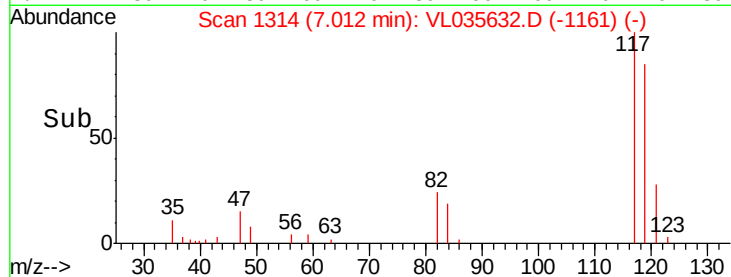
121 28.3 26.1 39.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 0.135 ppbv

RT: 6.89 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VL035632.D

Acq: 16 Sep 2020 17:07

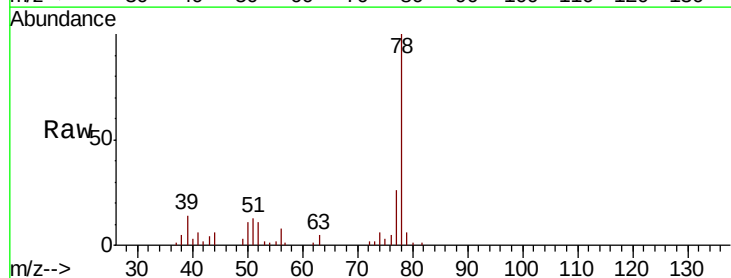
Tgt Ion: 78 Resp: 35292

Ion Ratio Lower Upper

78 100

77 25.5 19.3 28.9

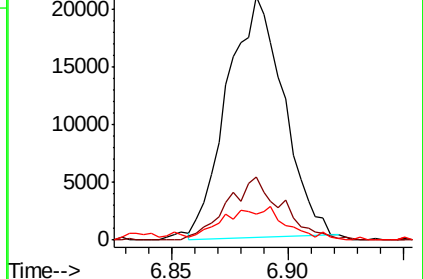
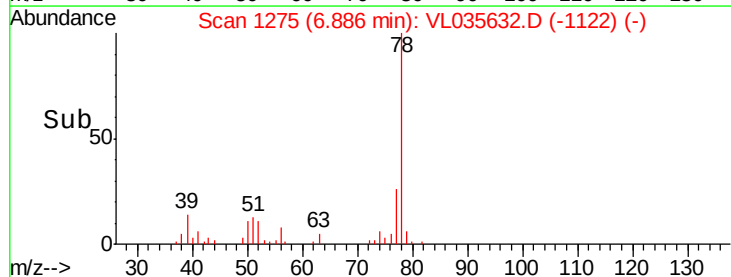
50 10.4 11.0 16.6#

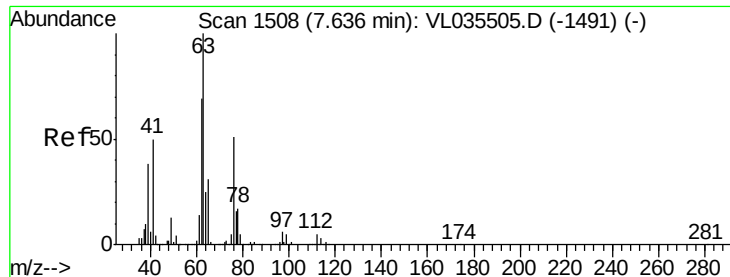


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#39

1,2-Dichloropropane

Concen: 8.655 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.44 min

Lab File: VL035632.D

Acq: 16 Sep 2020 17:07

Instrument :

MSVOA_L

ClientSampleId :

TRC-IA-02

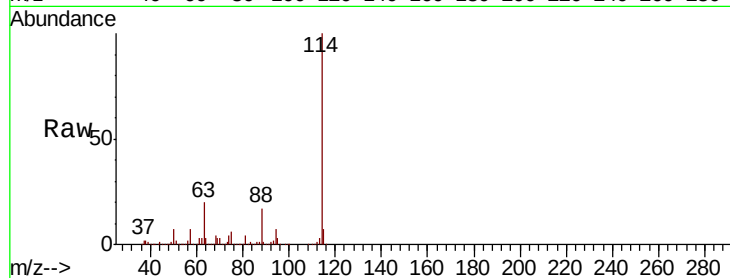
Tot Ion: 63 Resp: 763743

Ion Ratio Lower Upper

63 100

41 0.0 40.0 60.0#

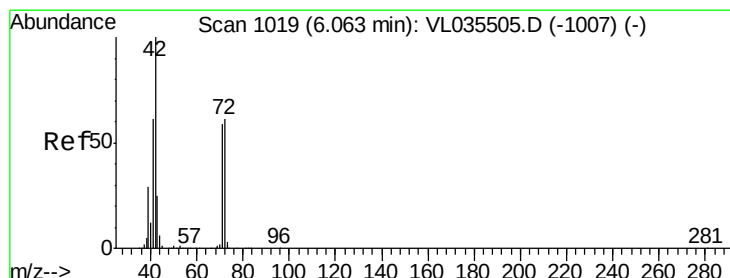
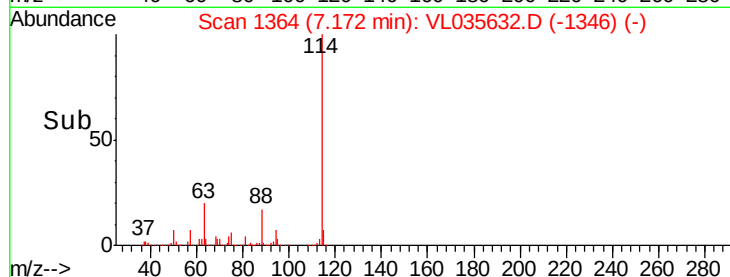
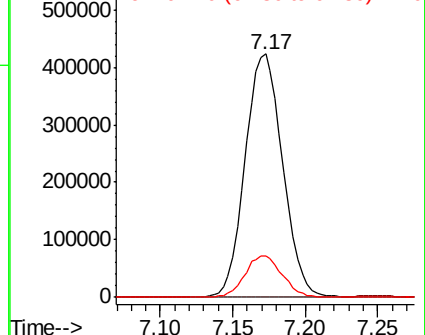
62 17.1 55.4 83.0#



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#41

Tetrahydrofuran

Concen: 0.035 ppbv

RT: 6.03 min Scan# 1009

Delta R.T. -0.01 min

Lab File: VL035632.D

Acq: 16 Sep 2020 17:07

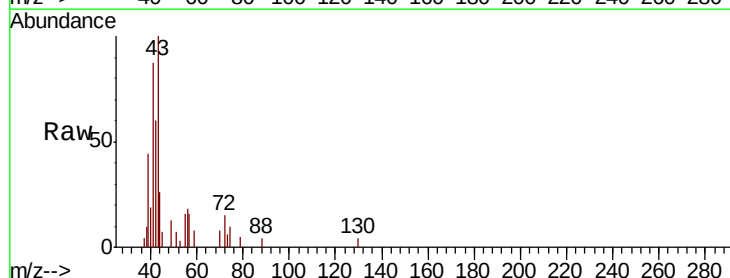
Tgt Ion: 42 Resp: 2252

Ion Ratio Lower Upper

42 100

72 104.7 48.6 73.0#

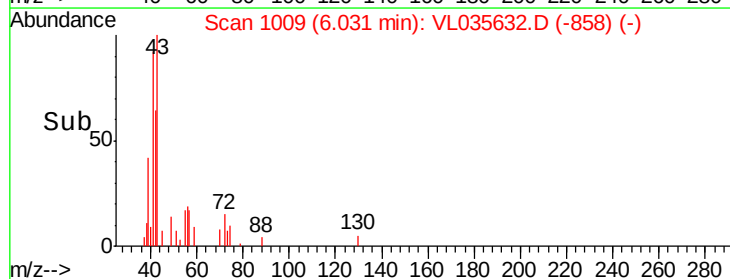
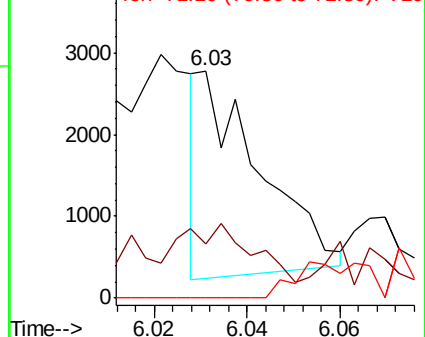
71 30.6 46.1 69.1#

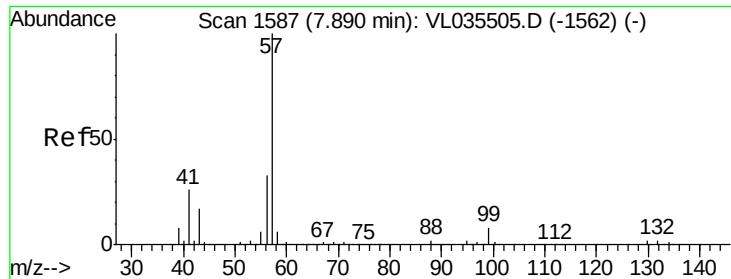


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0

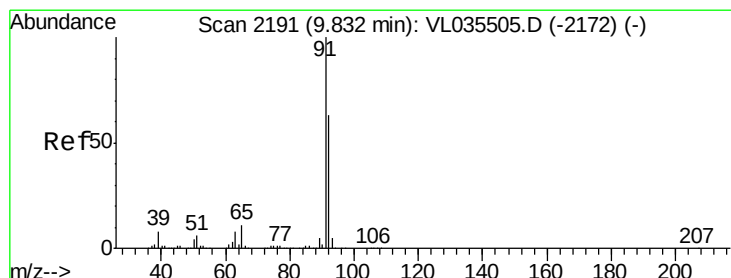
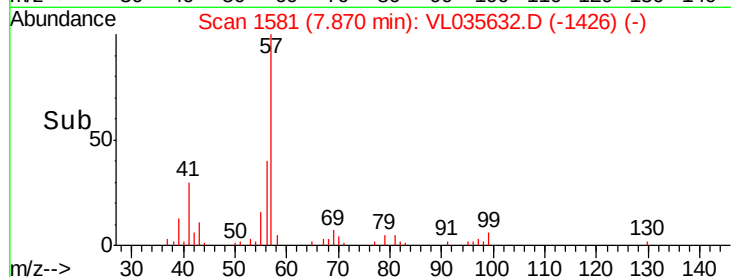
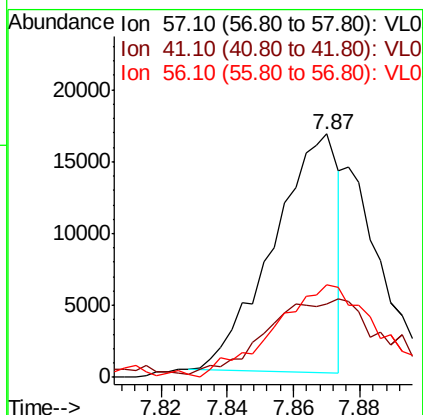
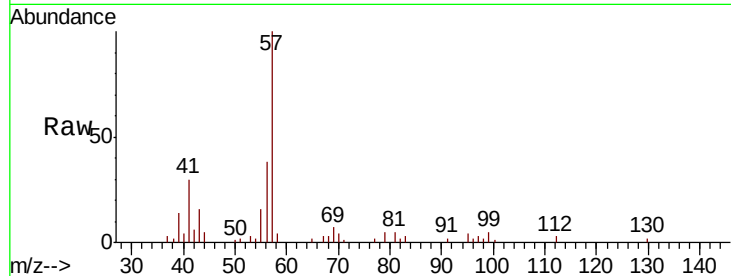




#44
 2,2,4-Trimethylpentane
 Concen: 0.066 ppbv
 RT: 7.87 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VL035632.D
 Acq: 16 Sep 2020 17:07

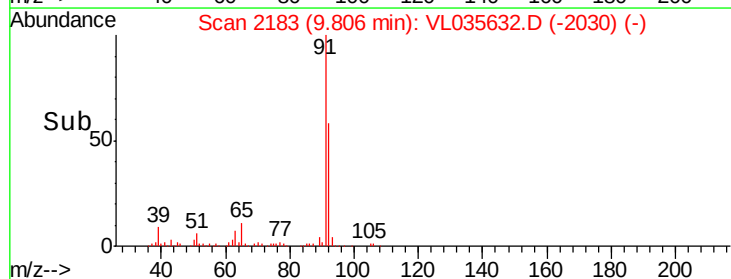
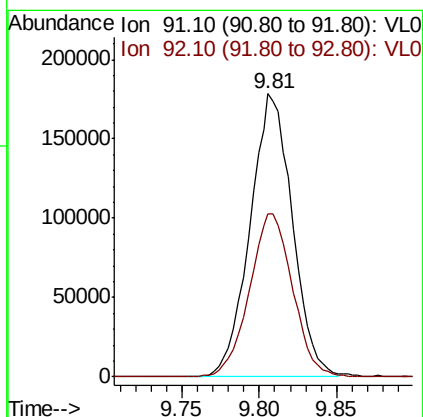
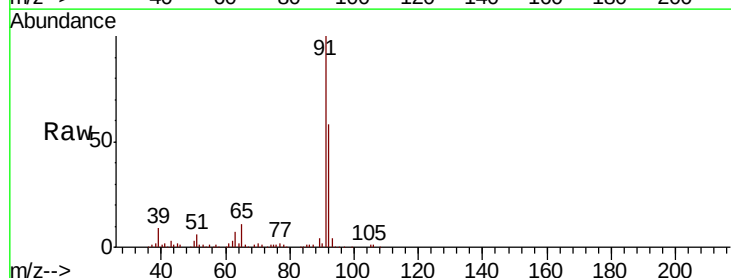
Instrument :
 MSVOA_L
 ClientSampleId :
 TRC-IA-02

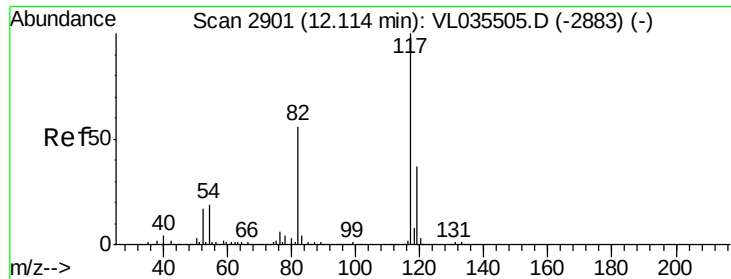
Tot Ion: 57 Resp: 22639
 Ion Ratio Lower Upper
 57 100
 41 0.0 20.5 30.7#
 56 64.2 25.3 37.9#



#53
 Toluene
 Concen: 1.033 ppbv
 RT: 9.81 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: VL035632.D
 Acq: 16 Sep 2020 17:07

Tgt Ion: 91 Resp: 339352
 Ion Ratio Lower Upper
 91 100
 92 59.1 49.8 74.8

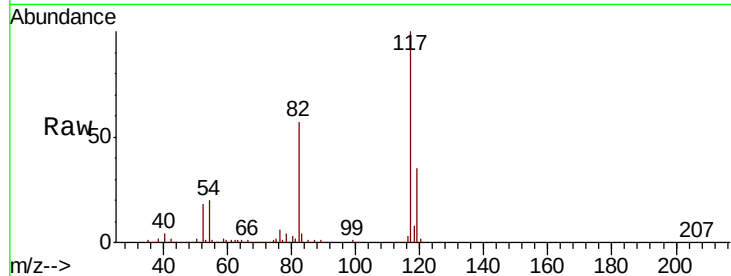




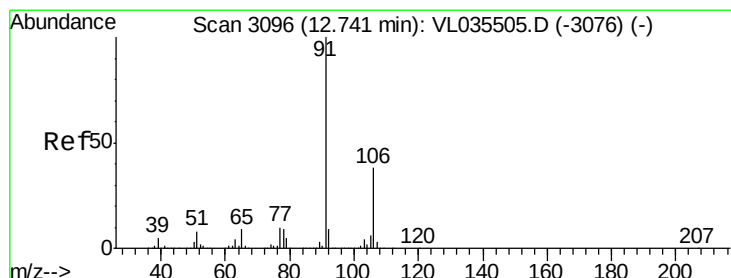
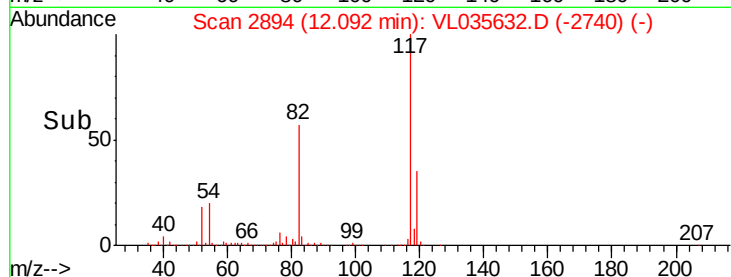
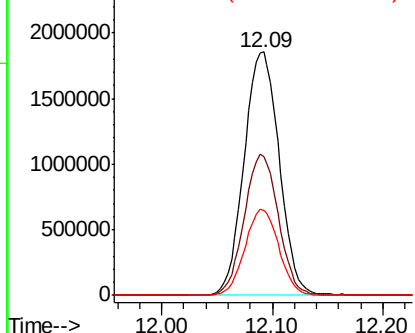
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL035632.D
Acq: 16 Sep 2020 17:07

Instrument :
MSVOA_L
ClientSampleId :
TRC-IA-02

Tot Ion:117 Resp: 4101124
Ion Ratio Lower Upper
117 100
82 56.8 41.6 62.4
119 34.4 29.3 43.9

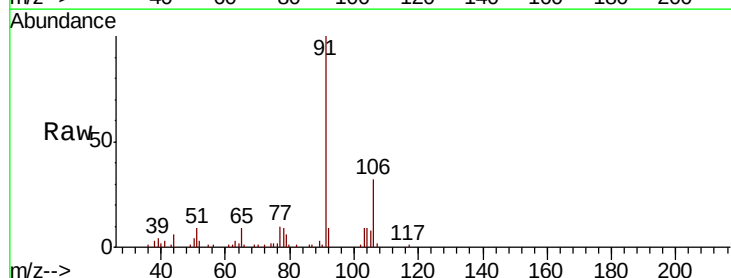


Abundance Ion 117.10 (116.80 to 117.80): V
2500000 Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

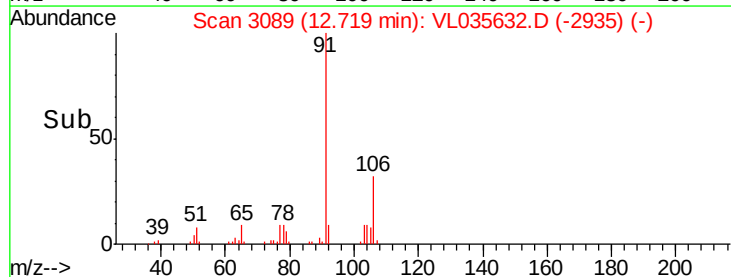
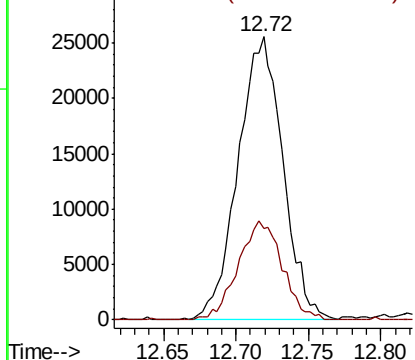


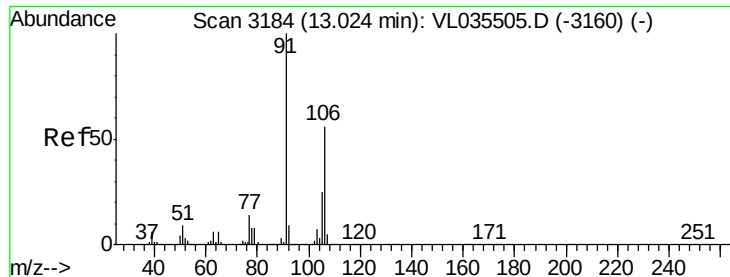
#58
Ethyl Benzene
Concen: 0.130 ppbv
RT: 12.72 min Scan# 3089
Delta R.T. -0.00 min
Lab File: VL035632.D
Acq: 16 Sep 2020 17:07

Tgt Ion: 91 Resp: 55039
Ion Ratio Lower Upper
91 100
106 32.1 30.3 45.5



Abundance Ion 91.10 (90.80 to 91.80): VL0
30000 Ion 106.10 (105.80 to 106.80): V

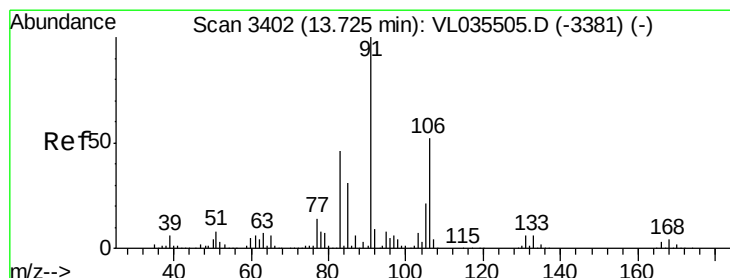
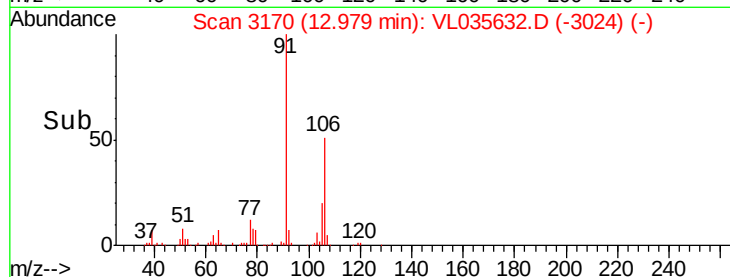
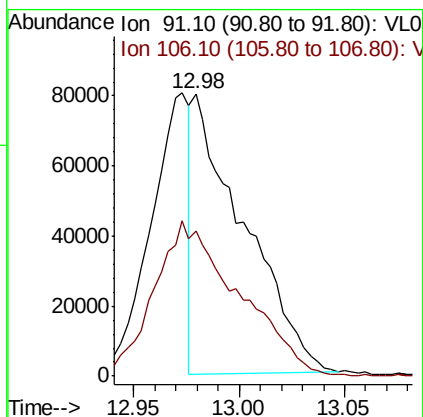
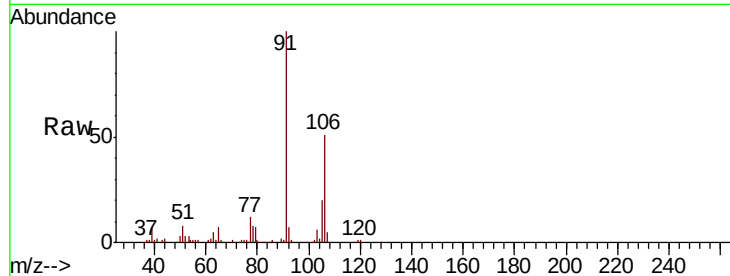




#59
m/p-Xylene
Concen: 0.379 ppbv
RT: 12.98 min Scan# 3170
Delta R.T. -0.03 min
Lab File: VL035632.D
Acq: 16 Sep 2020 17:07

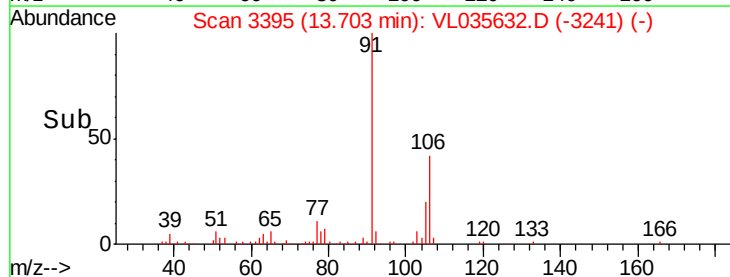
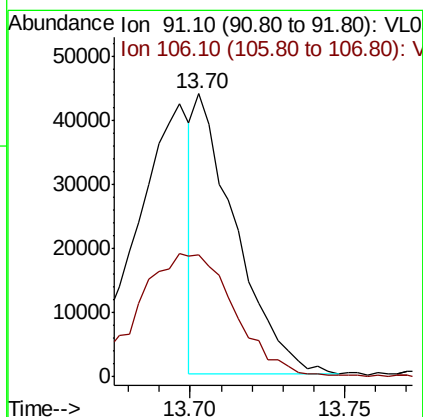
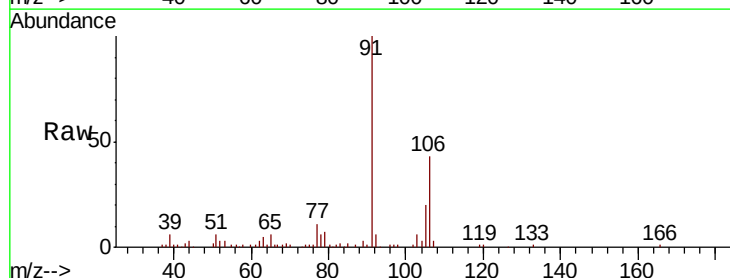
Instrument :
MSVOA_L
ClientSampleId :
TRC-IA-02

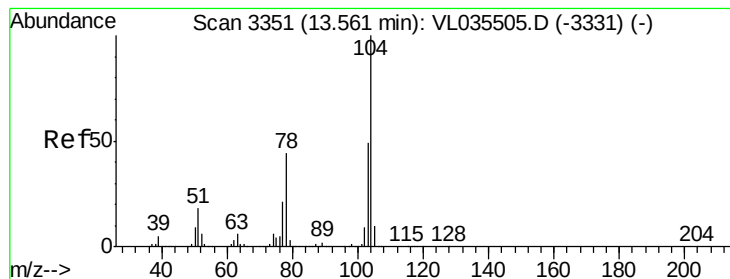
Tot Ion: 91 Resp: 133794
Ion Ratio Lower Upper
91 100
106 0.0 43.4 65.2#



#60
o-Xylene
Concen: 0.113 ppbv
RT: 13.70 min Scan# 3395
Delta R.T. -0.00 min
Lab File: VL035632.D
Acq: 16 Sep 2020 17:07

Tgt Ion: 91 Resp: 40240
Ion Ratio Lower Upper
91 100
106 0.0 25.8 77.4#





#61

Stvrene

Concen: 0.055 ppbv

RT: 13.54 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VL035632.D

Acq: 16 Sep 2020 17:07

Instrument :

MSVOA_L

ClientSampleId :

TRC-IA-02

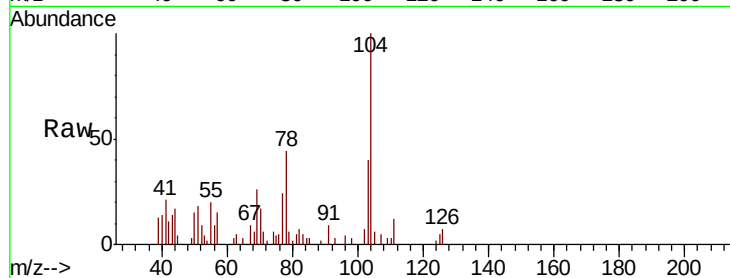
Tot Ion:104 Resp: 15014

Ion Ratio Lower Upper

104 100

78 53.7 34.8 52.2#

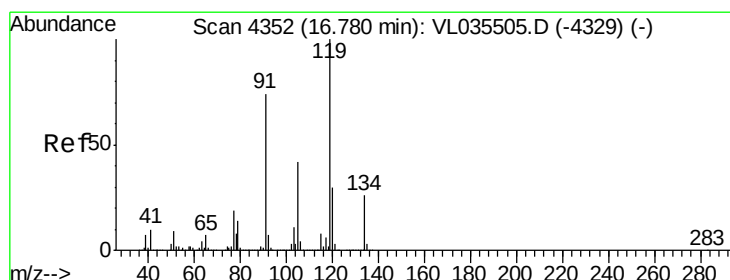
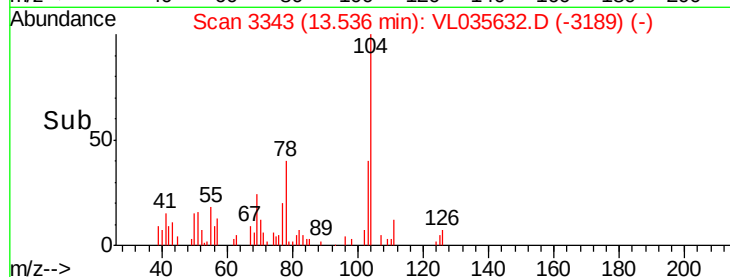
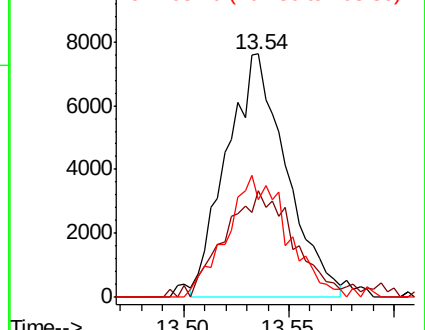
103 51.9 38.2 57.4



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#65

tert-Butylbenzene

Concen: 0.075 ppbv

RT: 16.77 min Scan# 4349

Delta R.T. 0.01 min

Lab File: VL035632.D

Acq: 16 Sep 2020 17:07

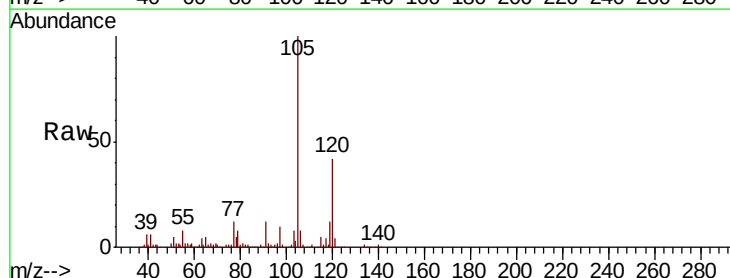
Tgt Ion:119 Resp: 39641

Ion Ratio Lower Upper

119 100

91 97.1 58.6 87.8#

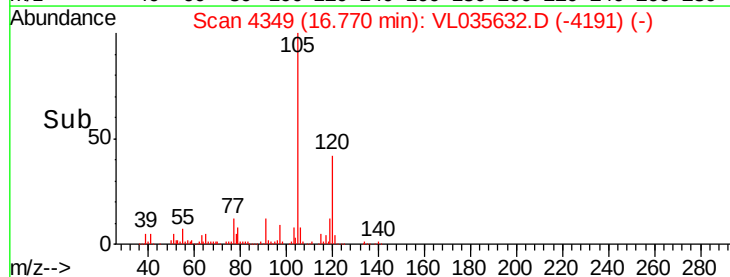
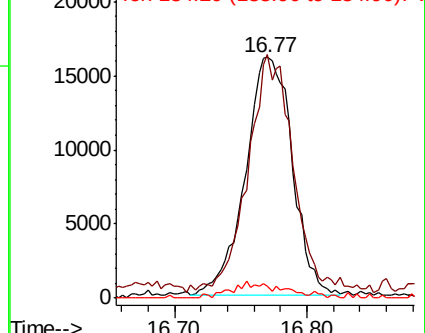
134 7.7 18.9 28.3#

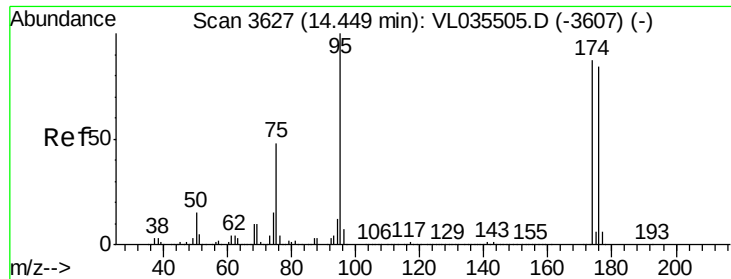


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V

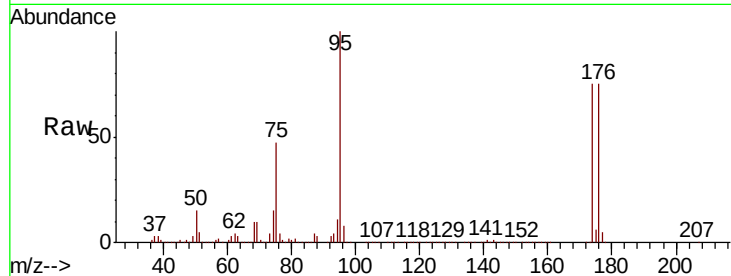




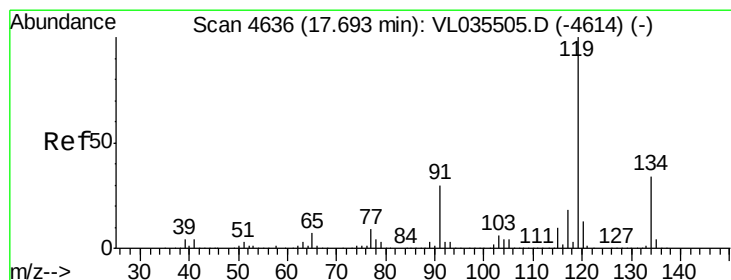
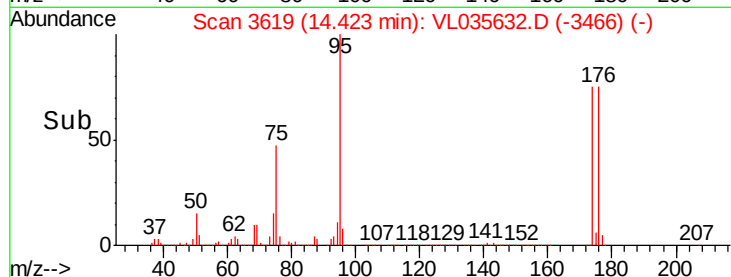
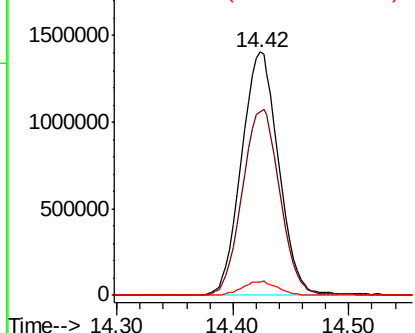
#68
1-Bromo-4-Fluorobenzene
Concen: 10.742 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL035632.D
Acq: 16 Sep 2020 17:07

Instrument :
MSVOA_L
ClientSampleId :
TRC-IA-02

Tot Ion: 95 Resp: 3128530
Ion Ratio Lower Upper
95 100
174 78.2 69.6 104.4
175 5.6 5.1 7.7

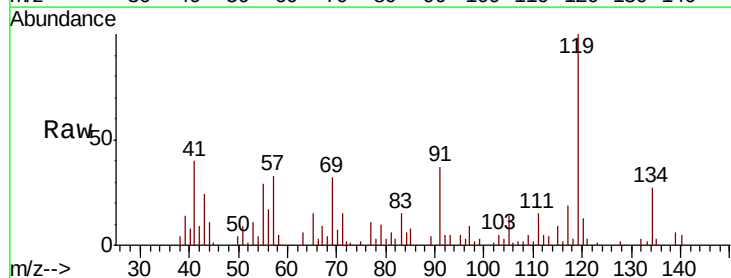


Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

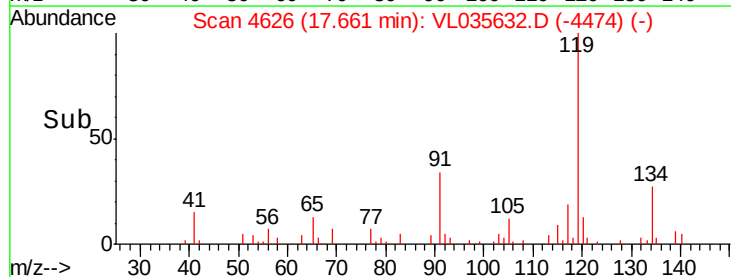
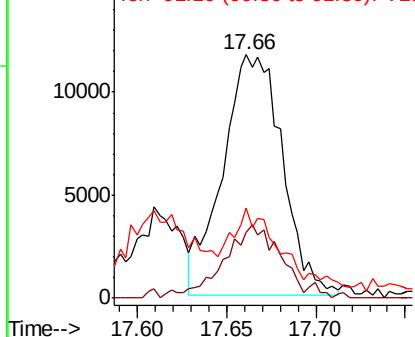


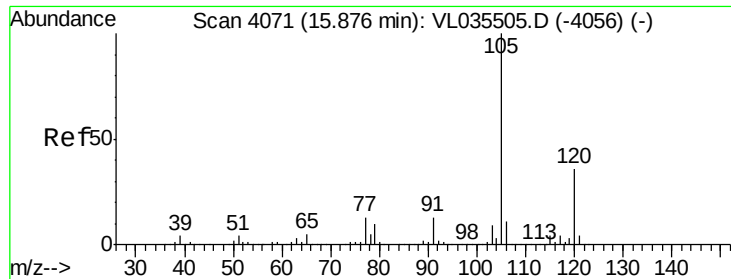
#69
p-Isopropyltoluene
Concen: 0.044 ppbv
RT: 17.66 min Scan# 4626
Delta R.T. -0.01 min
Lab File: VL035632.D
Acq: 16 Sep 2020 17:07

Tgt Ion: 119 Resp: 27293
Ion Ratio Lower Upper
119 100
134 30.5 25.0 37.4
91 35.8 22.3 33.5#



Abundance Ion 119.10 (118.80 to 119.80): V
Ion 134.20 (133.90 to 134.90): V
Ion 91.10 (90.80 to 91.80): VL0





#72

4-Ethyltoluene

Concen: 0.054 ppbv

RT: 15.85 min Scan# 4064

Delta R.T. -0.00 min

Lab File: VL035632.D

Acq: 16 Sep 2020 17:07

Instrument :

MSVOA_L

ClientSampleId :

TRC-IA-02

Tot Ion:105 Resp: 24286

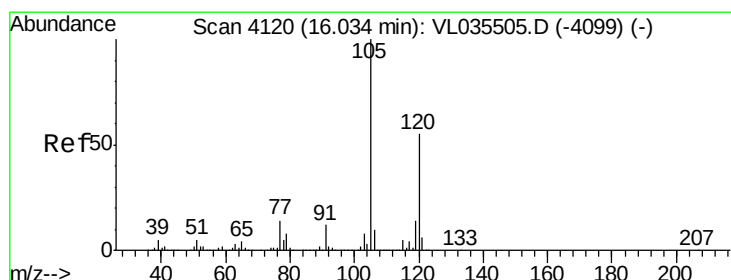
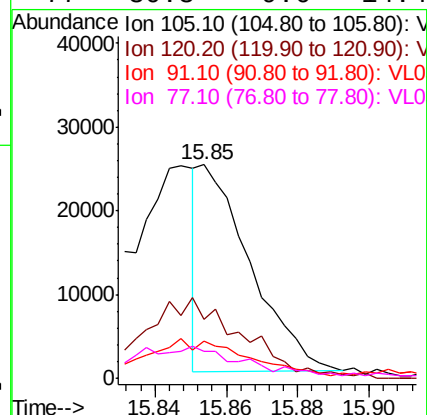
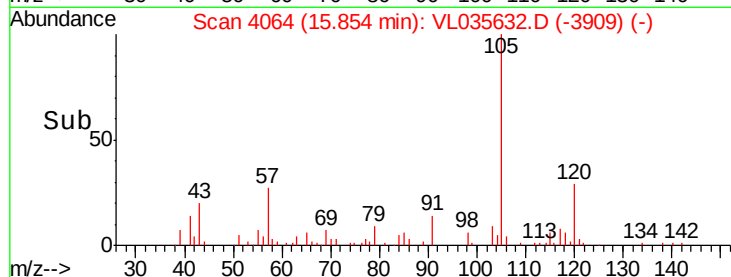
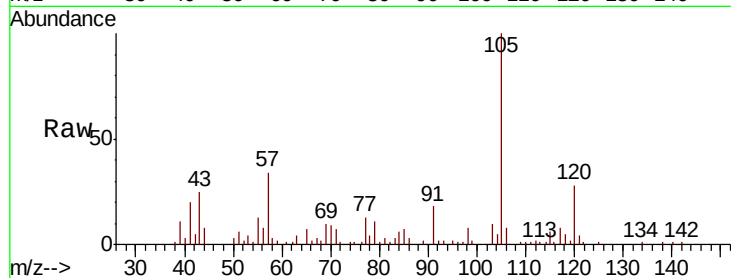
Ion Ratio Lower Upper

105 100

120 76.9 27.4 41.2#

91 0.0 9.7 14.5#

77 30.3 9.6 14.4#



#73

1,3,5-Trimethylbenzene

Concen: 0.233 ppbv

RT: 16.00 min Scan# 4111

Delta R.T. -0.01 min

Lab File: VL035632.D

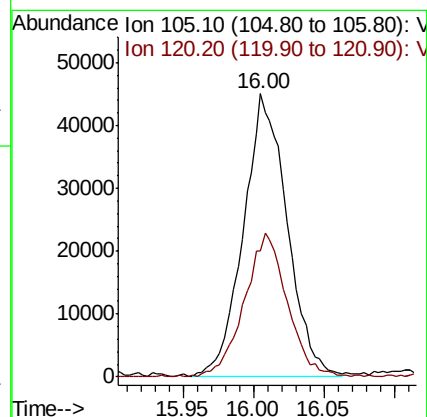
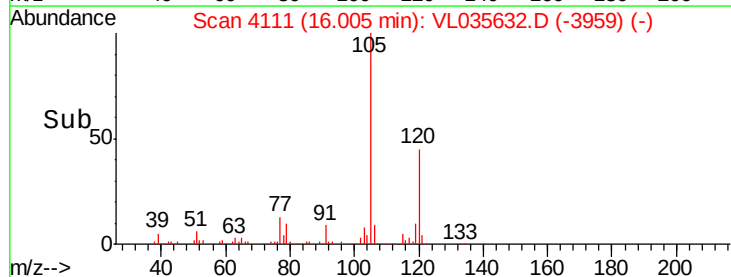
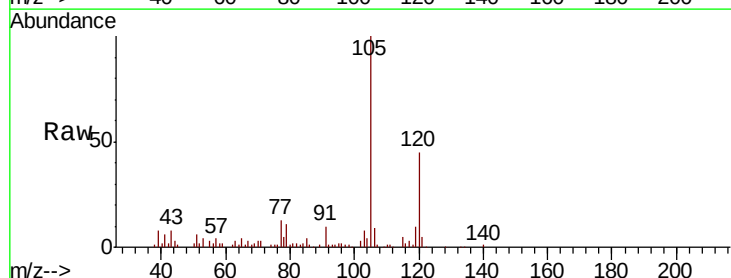
Acq: 16 Sep 2020 17:07

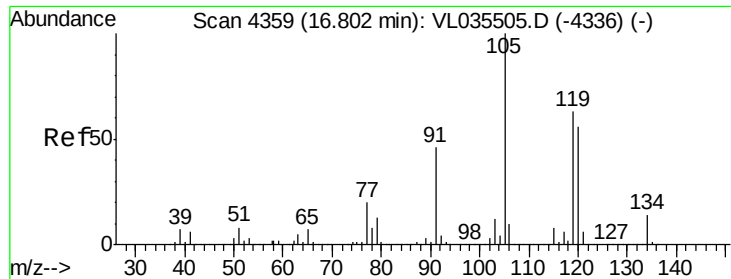
Tgt Ion:105 Resp: 97591

Ion Ratio Lower Upper

105 100

120 44.1 44.2 66.2#





#74

1,2,4-Trimethylbenzene

Concen: 0.644 ppbv

RT: 16.77 min Scan# 4349

Delta R.T. -0.01 min

Lab File: VL035632.D

Acq: 16 Sep 2020 17:07

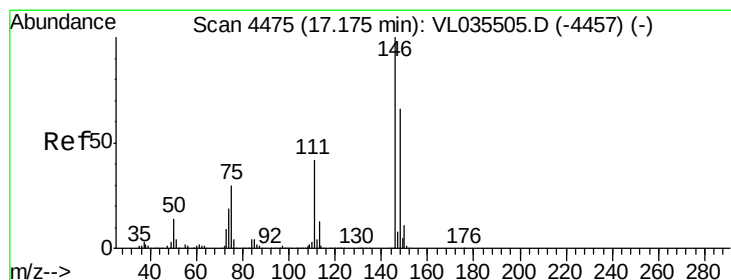
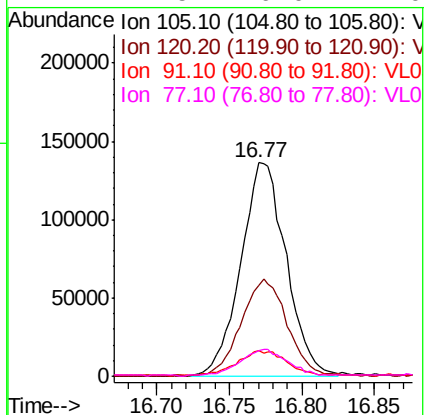
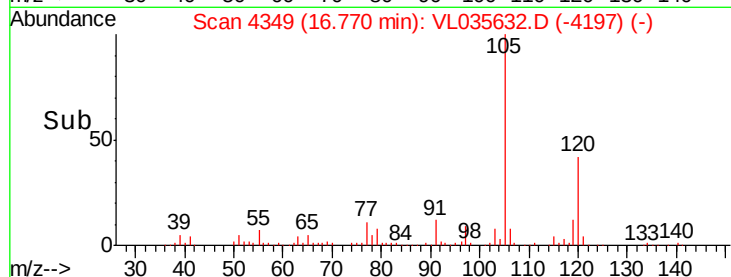
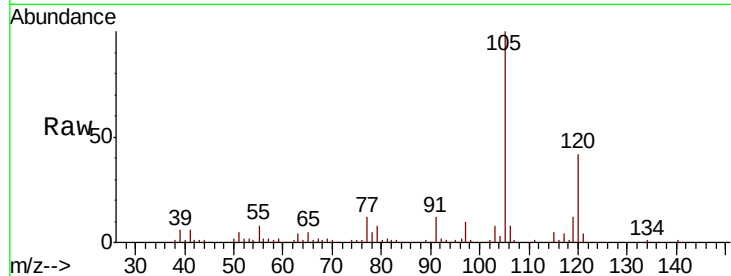
Instrument :

MSVOA_L

ClientSampleId :

TRC-IA-02

Tot Ion:	105	Resp:	295845
Ion	Ratio	Lower	Upper
105	100		
120	42.1	44.4	66.6#
91	11.3	37.1	55.7#
77	11.5	16.0	24.0#



#76

1,4-Dichlorobenzene

Concen: 0.121 ppbv

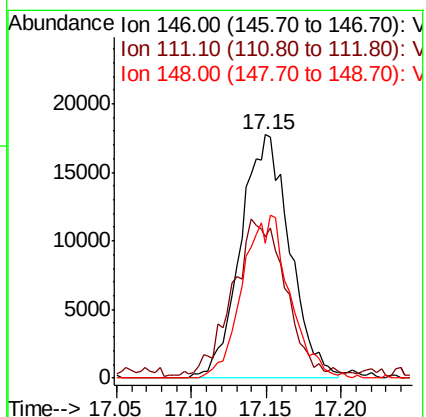
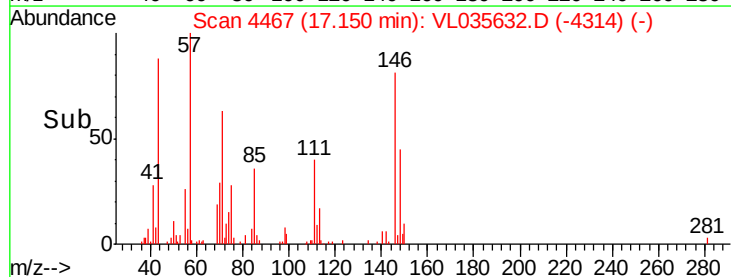
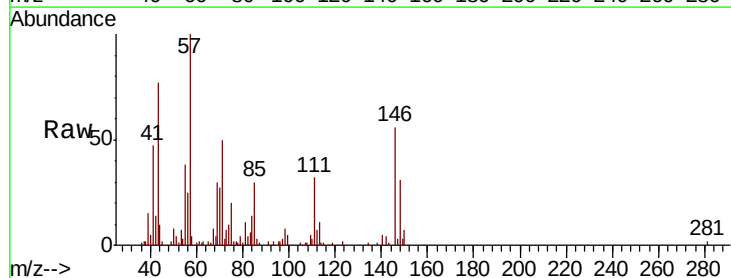
RT: 17.15 min Scan# 4467

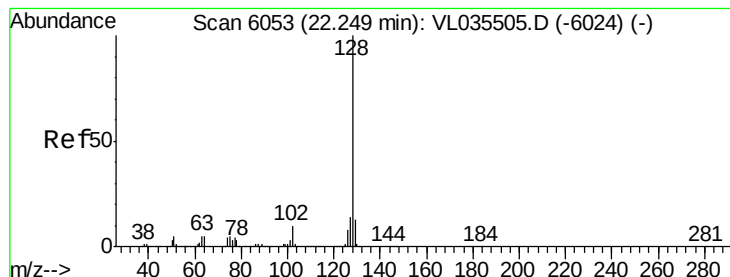
Delta R.T. -0.01 min

Lab File: VL035632.D

Acq: 16 Sep 2020 17:07

Tgt Ion:	146	Resp:	40579
Ion	Ratio	Lower	Upper
146	100		
111	71.9	20.0	60.0#
148	64.4	33.2	99.6





#79

Naphthalene

Concen: 0.101 ppbv

RT: 22.23 min Scan# 6046

Delta R.T. 0.00 min

Lab File: VL035632.D

Acq: 16 Sep 2020 17:07

Instrument :

MSVOA_L

ClientSampleId :

TRC-IA-02

Tot Ion:128 Resp: 51360

Ion Ratio Lower Upper

128 100

127 12.0 11.4 17.2

129 9.1 10.5 15.7#

