

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121718\
 Data File : VL033020.D
 Acq On : 18 Dec 2018 7:04
 Operator : SY/AP
 Sample : J6444-06
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 18 09:19:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 07 09:35:17 2018
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

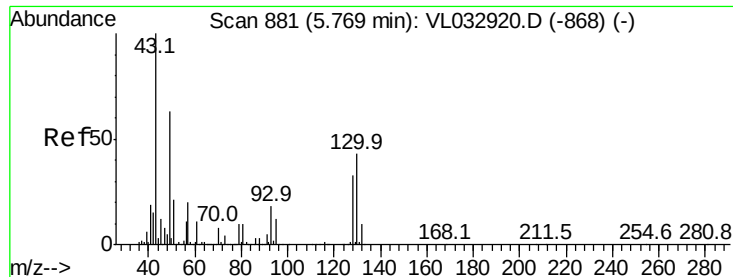
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1108295	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2626282	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	1951969	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1857276	12.88	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	128.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	90743	0.613	ppbv	98
3) Chlorodifluoromethane	3.01	51	74148	0.883	ppbv #	90
4) Chloromethane	3.17	50	28647	0.586	ppbv	95
9) Propene	3.24	41	167953	5.061	ppbv	94
10) Heptane	8.25	43	8484	0.068	ppbv #	26
11) Trichlorofluoromethane	4.01	101	39944	0.287	ppbv	84
12) 1,1,2-Trichlorotrifluoroet	4.56	101	10175	0.086	ppbv	94
13) Ethanol	3.66	45	561937	49.175	ppbv	97
15) Acetone	3.91	43	878979	9.240	ppbv	96
16) 1,3-Butadiene	3.35	39	30858	0.818	ppbv #	36
17) tert-Butyl alcohol	4.39	59	3714	0.153	ppbv #	98
19) Isopropyl Alcohol	4.04	45	155935	2.610	ppbv #	1
20) Methylene Chloride	4.42	84	753489	16.206	ppbv	97
21) Allyl Chloride	4.42	41	29291	0.378	ppbv #	44
23) Vinyl Acetate	5.15	43	29258	0.182	ppbv #	1
25) Ethyl Acetate	5.79	43	393217	1.750	ppbv #	82
26) Hexane	5.79	57	521142	5.023	ppbv #	47
27) Carbon Disulfide	4.63	76	31688	0.244	ppbv #	58
29) Chloroform	5.86	83	7892	0.043	ppbv	98
30) Cyclohexane	7.26	84	11088	0.129	ppbv #	9
31) cis-1,2-Dichloroethene	5.78	61	6719	0.071	ppbv #	34
34) 2-Butanone	5.34	43	24469	0.214	ppbv #	37
35) Carbon Tetrachloride	7.14	117	14151	0.069	ppbv	89
36) Benzene	7.01	78	117433	0.608	ppbv	96
39) 1,2-Dichloropropane	7.30	63	639880	8.734	ppbv #	21
41) Tetrahydrofuran	6.17	42	4544	0.064	ppbv #	35
43) Methyl Methacrylate	8.14	69	3660	0.051	ppbv #	1
44) 2,2,4-Trimethylpentane	8.00	57	63034	0.192	ppbv #	70
53) Toluene	9.96	91	14490629	70.731	ppbv	92
58) Ethyl Benzene	12.86	91	7715	0.037	ppbv	99
59) m/p-Xylene	13.16	91	18695	0.099	ppbv #	100
60) o-Xylene	13.85	91	25682	0.135	ppbv #	56
73) 1,3,5-Trimethylbenzene	16.16	105	15127	0.073	ppbv	91
74) 1,2,4-Trimethylbenzene	16.94	105	76413	0.326	ppbv #	68

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.00 min

Lab File: VL033020.D

Acq: 18 Dec 2018 7:04

Instrument :
MSVOA_L
ClientSampleId :

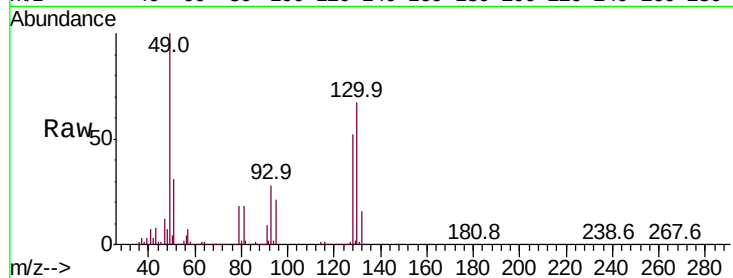
Tot Ion: 49 Resp: 1108295

Ion Ratio Lower Upper

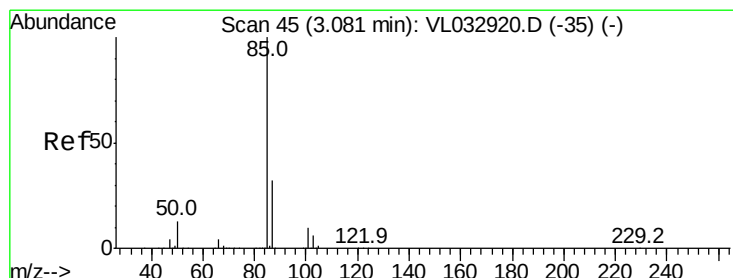
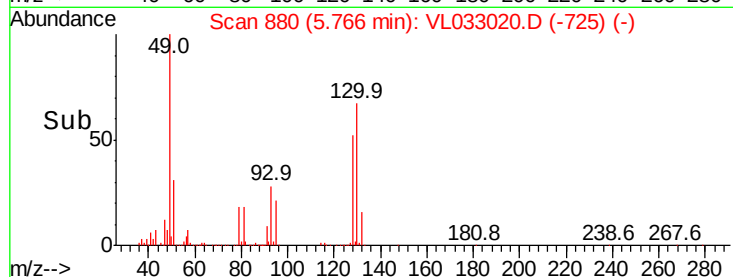
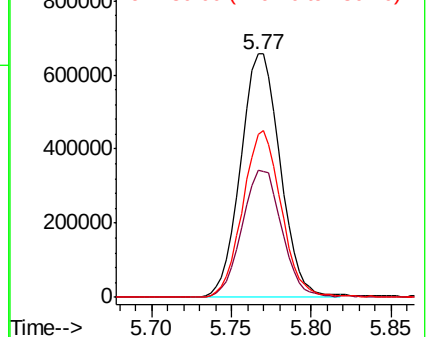
49 100

128 52.8 26.3 78.8

130 67.3 33.9 101.7



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: 0.613 ppbv

RT: 3.08 min Scan# 45

Delta R.T. 0.00 min

Lab File: VL033020.D

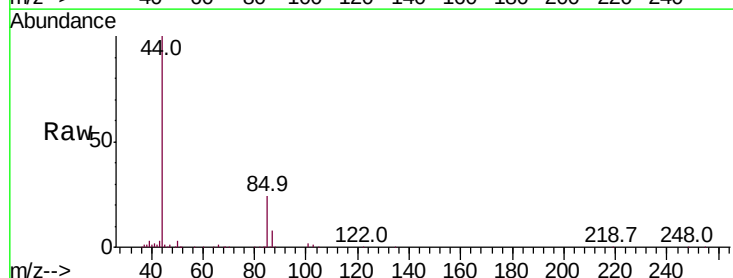
Acq: 18 Dec 2018 7:04

Tgt Ion: 85 Resp: 90743

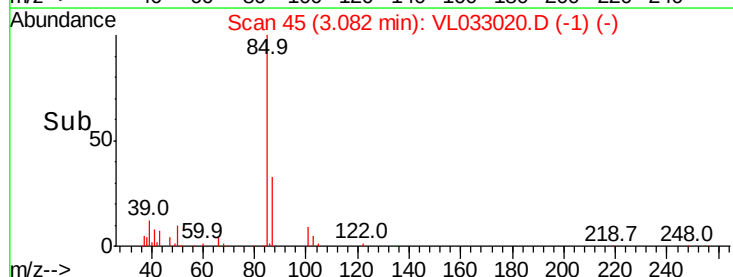
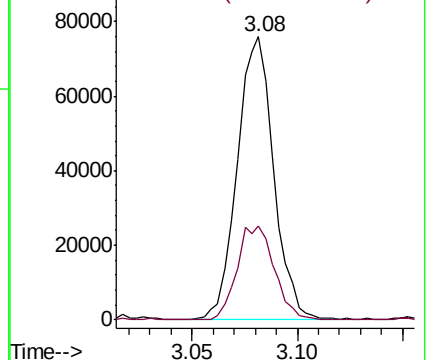
Ion Ratio Lower Upper

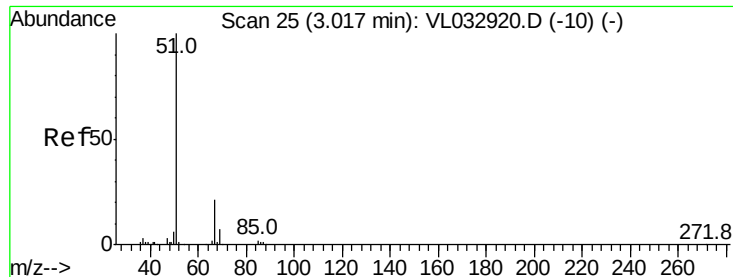
85 100

87 33.1 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VL0
Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.883 ppbv

RT: 3.01 min Scan# 24

Delta R.T. -0.00 min

Lab File: VL033020.D

Acq: 18 Dec 2018 7:04

Instrument :

MSVOA_L

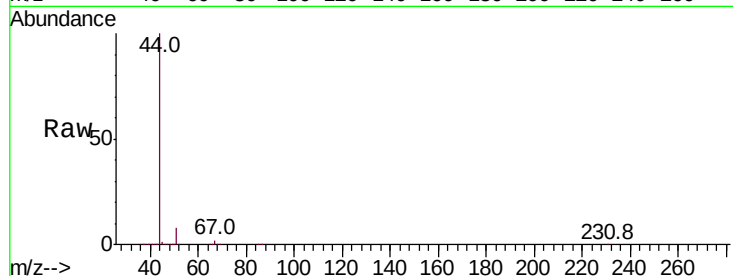
ClientSampleId :

Tot Ion: 51 Resp: 74148

Ion Ratio Lower Upper

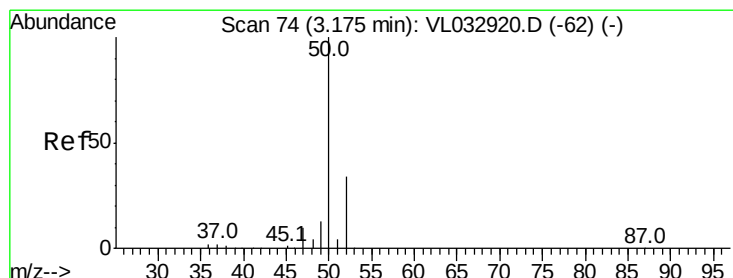
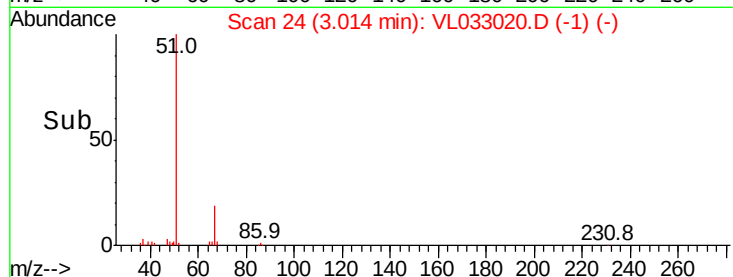
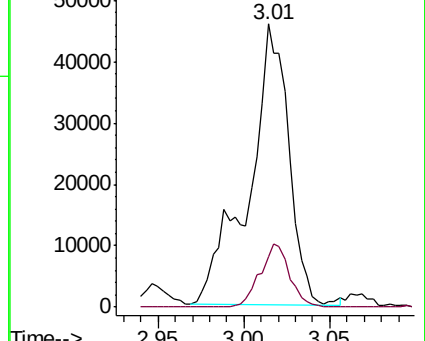
51 100

67 16.4 16.8 25.2#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.586 ppbv

RT: 3.17 min Scan# 73

Delta R.T. -0.00 min

Lab File: VL033020.D

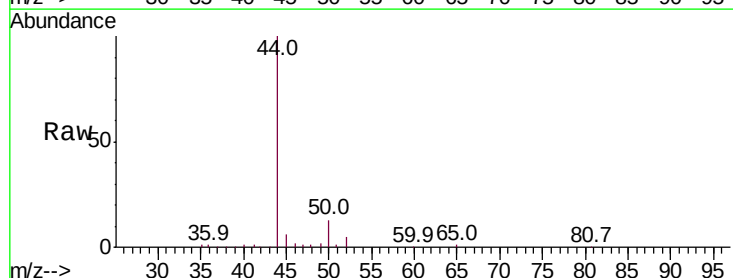
Acq: 18 Dec 2018 7:04

Tgt Ion: 50 Resp: 28647

Ion Ratio Lower Upper

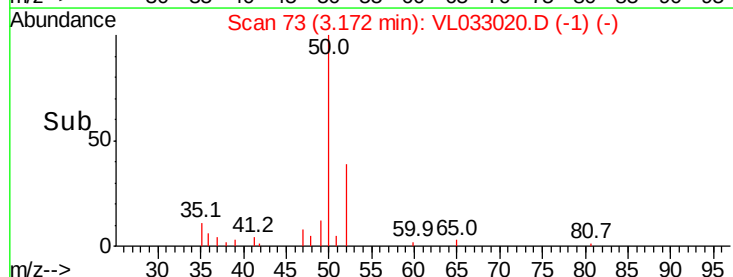
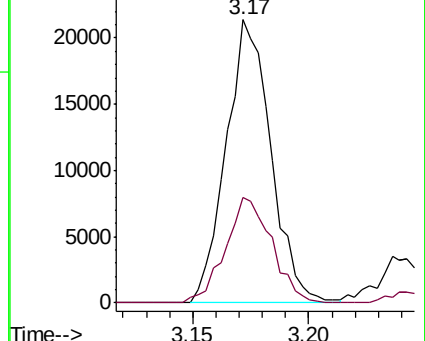
50 100

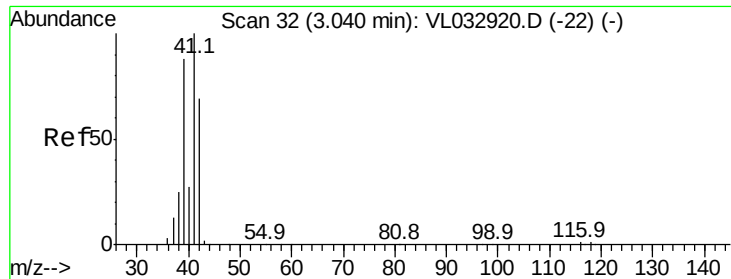
52 37.0 27.3 40.9



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 5.061 ppbv

RT: 3.24 min Scan# 95

Delta R.T. 0.20 min

Lab File: VL033020.D

Acq: 18 Dec 2018 7:04

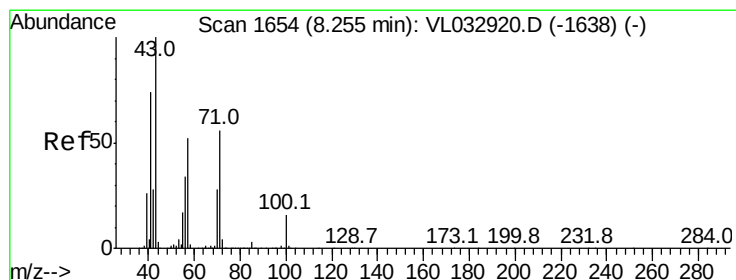
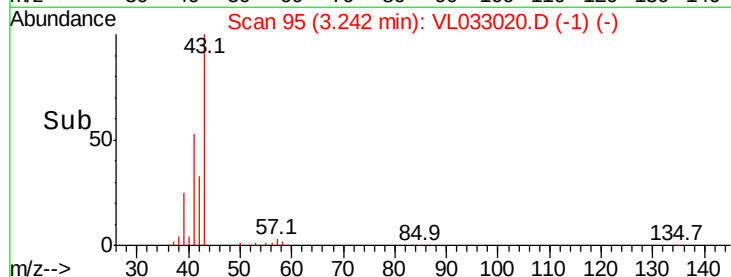
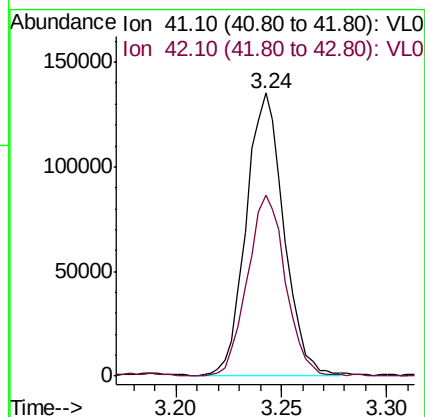
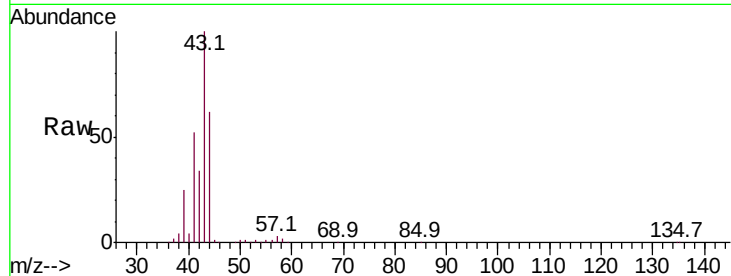
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 41 Resp: 167953

Ion Ratio Lower Upper

41 100

42 65.4 56.2 84.2



#10

Heptane

Concen: 0.068 ppbv

RT: 8.25 min Scan# 1652

Delta R.T. -0.01 min

Lab File: VL033020.D

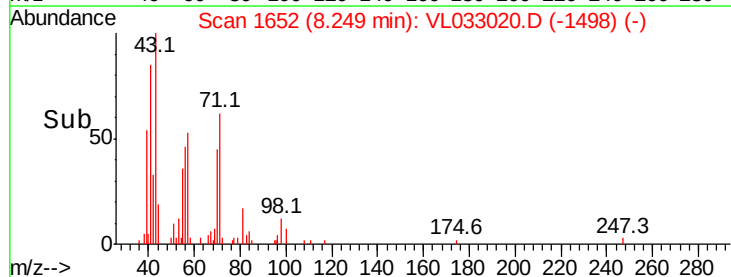
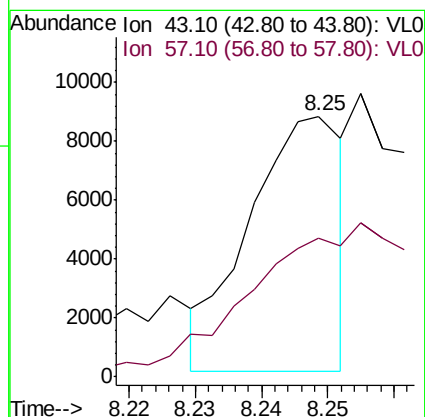
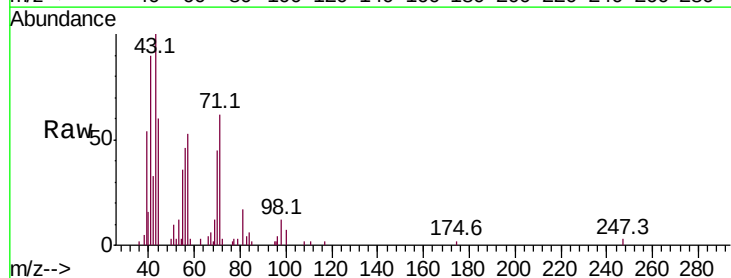
Acq: 18 Dec 2018 7:04

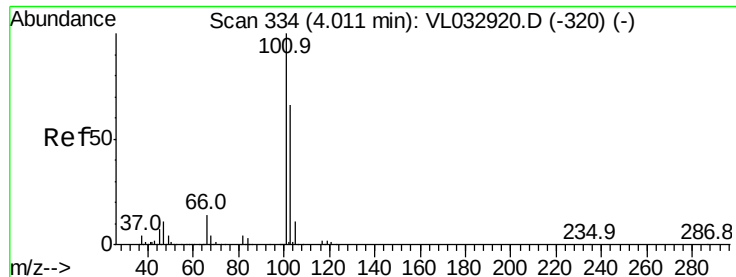
Tgt Ion: 43 Resp: 8484

Ion Ratio Lower Upper

43 100

57 0.0 41.8 62.6#





#11

Trichlorofluoromethane

Concen: 0.287 ppbv

RT: 4.01 min Scan# 335

Delta R.T. 0.00 min

Lab File: VL033020.D

Acq: 18 Dec 2018 7:04

Instrument :

MSVOA_L

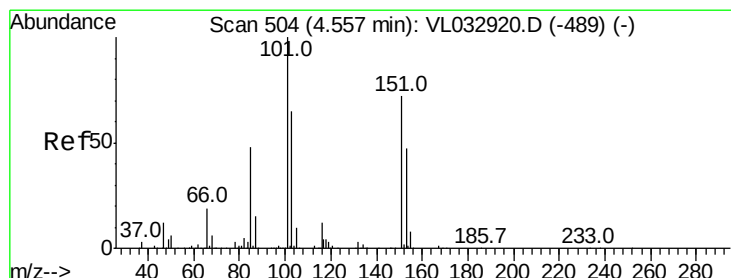
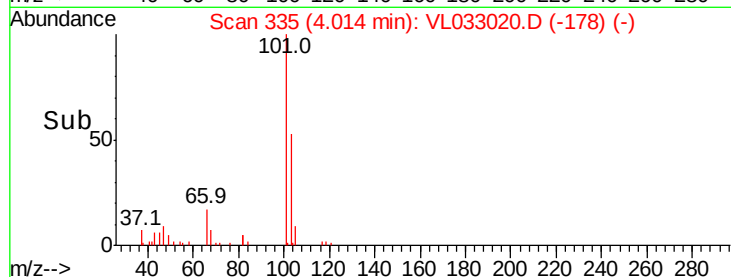
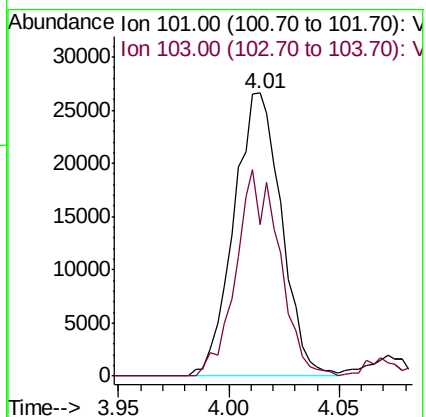
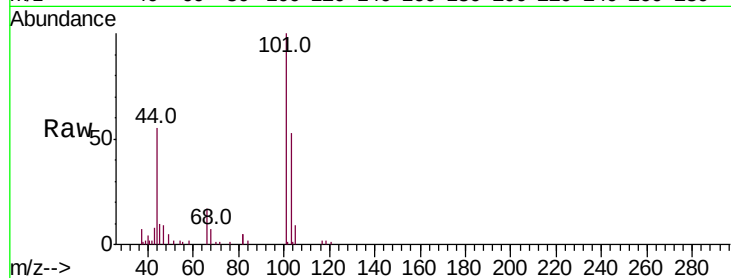
ClientSampleId :

Tot Ion:101 Resp: 39944

Ion Ratio Lower Upper

101 100

103 53.4 52.7 79.1



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.086 ppbv

RT: 4.56 min Scan# 506

Delta R.T. 0.01 min

Lab File: VL033020.D

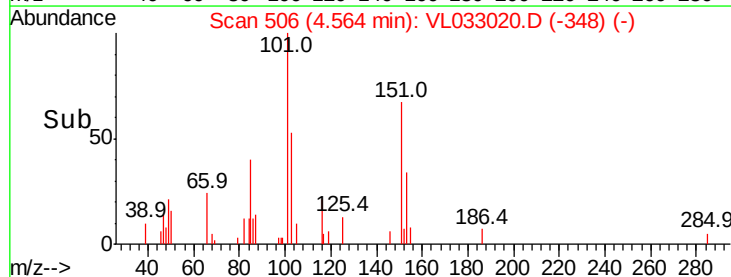
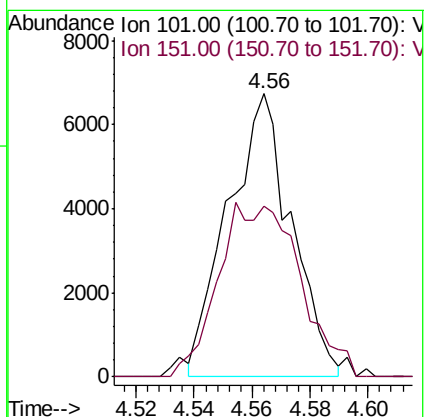
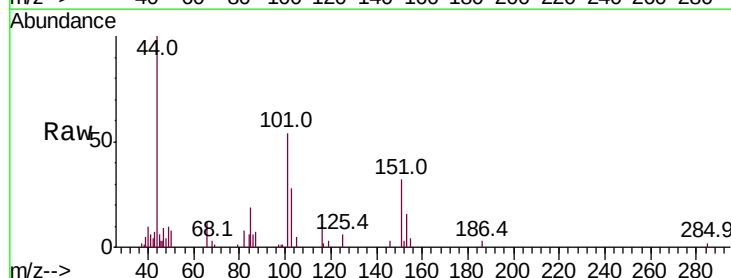
Acq: 18 Dec 2018 7:04

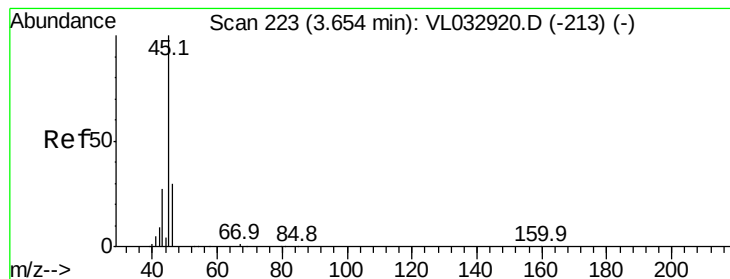
Tgt Ion:101 Resp: 10175

Ion Ratio Lower Upper

101 100

151 78.8 59.3 88.9





#13

Ethanol

Concen: 49.175 ppbv

RT: 3.66 min Scan# 225

Delta R.T. 0.01 min

Lab File: VL033020.D

Acq: 18 Dec 2018 7:04

Instrument :

MSVOA_L

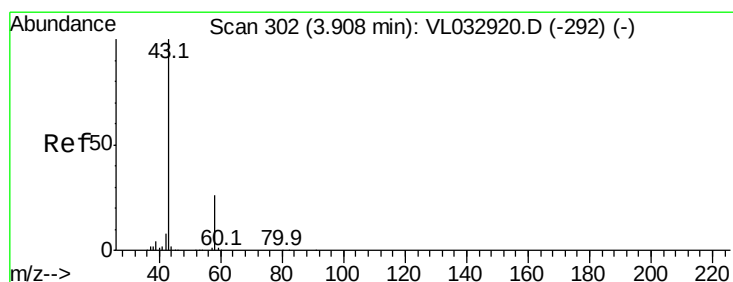
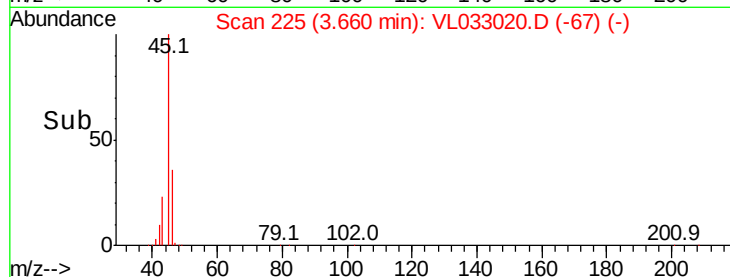
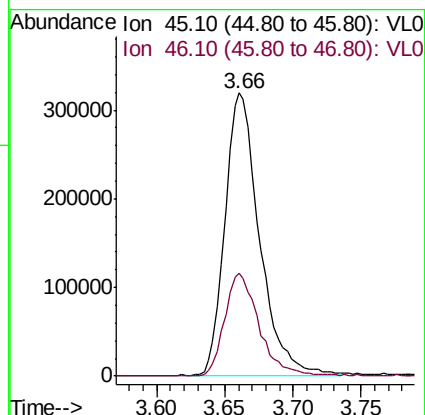
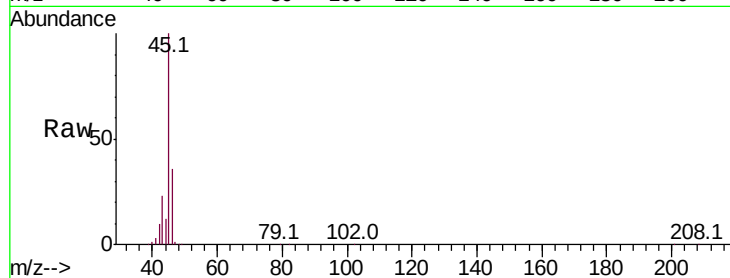
ClientSampleId :

Tot Ion: 45 Resp: 561937

Ion Ratio Lower Upper

45 100

46 36.2 13.8 55.4



#15

Acetone

Concen: 9.240 ppbv

RT: 3.91 min Scan# 302

Delta R.T. 0.00 min

Lab File: VL033020.D

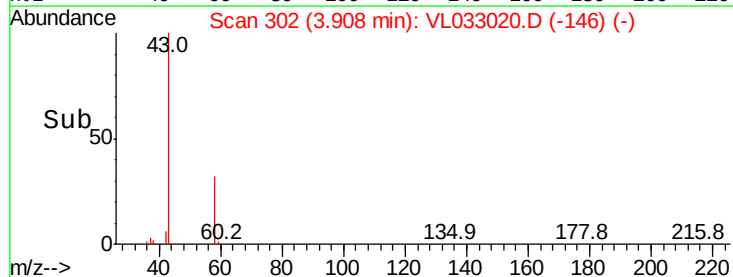
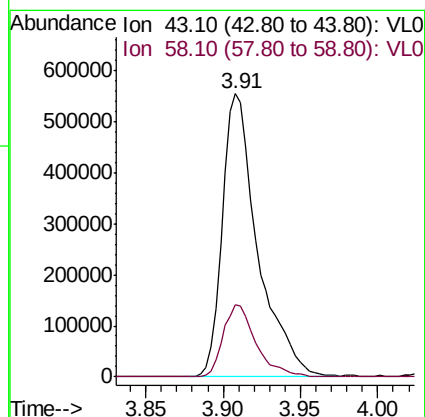
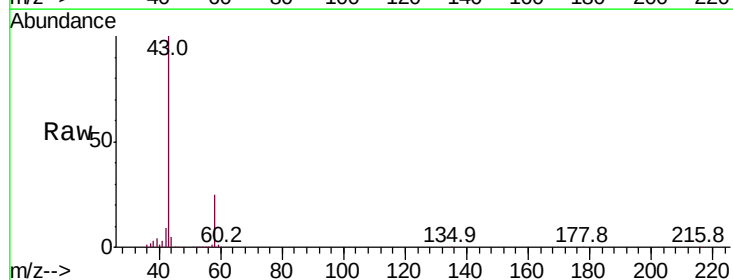
Acq: 18 Dec 2018 7:04

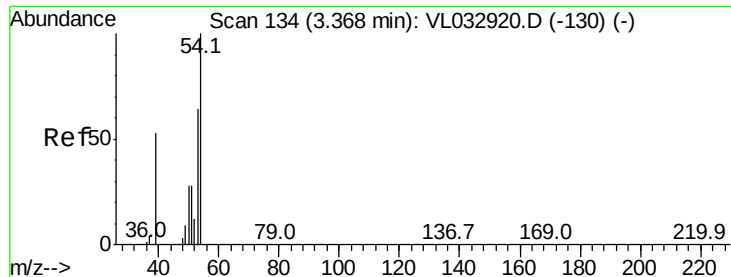
Tgt Ion: 43 Resp: 878979

Ion Ratio Lower Upper

43 100

58 23.7 20.6 30.8





#16

1,3-Butadiene

Concen: 0.818 ppbv

RT: 3.35 min Scan# 127

Delta R.T. -0.02 min

Lab File: VL033020.D

Acq: 18 Dec 2018 7:04

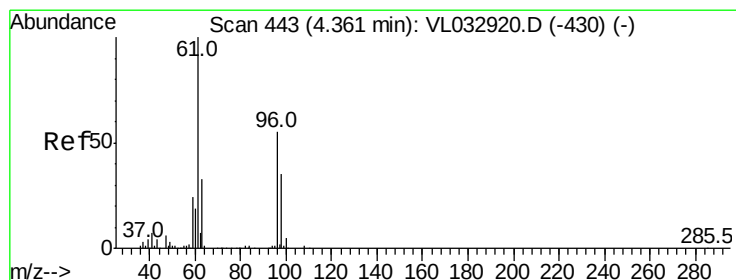
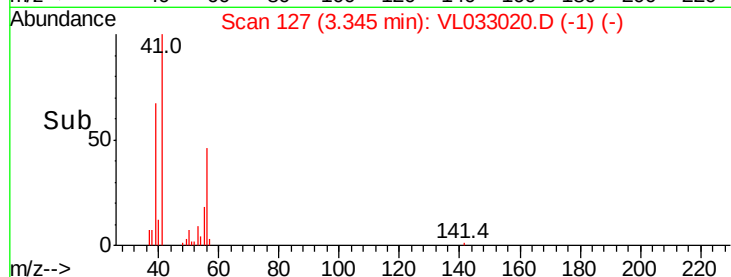
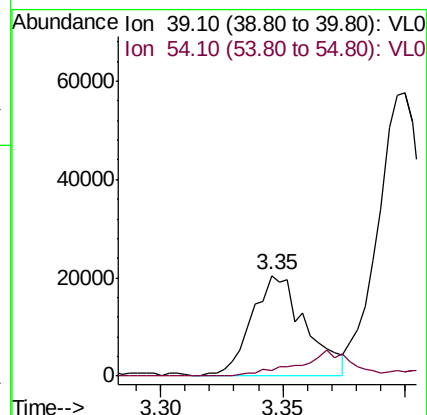
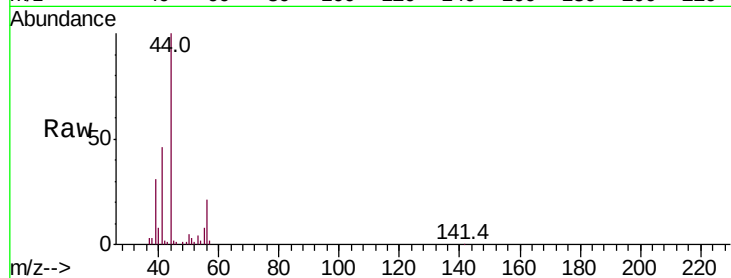
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 39 Resp: 30858

Ion Ratio Lower Upper

39 100

54 30.5 72.7 109.1#



#17

tert-Butyl alcohol

Concen: 0.153 ppbv

RT: 4.39 min Scan# 451

Delta R.T. 0.03 min

Lab File: VL033020.D

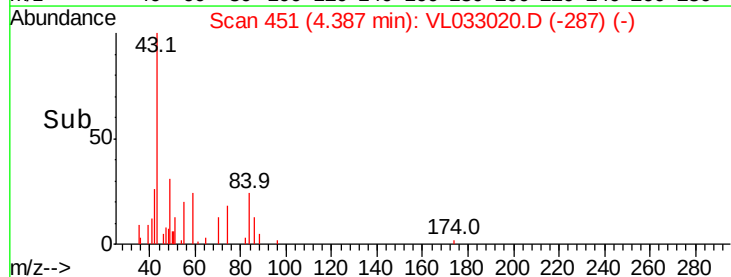
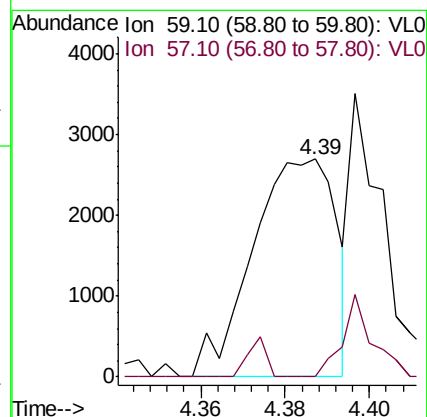
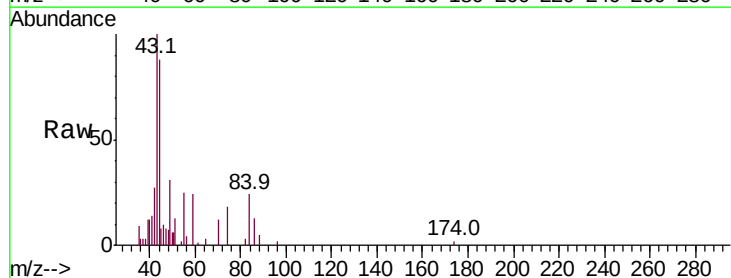
Acq: 18 Dec 2018 7:04

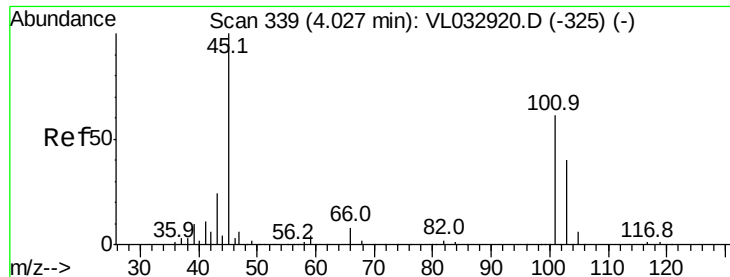
Tgt Ion: 59 Resp: 3714

Ion Ratio Lower Upper

59 100

57 0.0 0.6 1.0#





#19

Isopropyl Alcohol

Concen: 2.610 ppbv

RT: 4.04 min Scan# 343

Delta R.T. 0.01 min

Lab File: VL033020.D

Acq: 18 Dec 2018 7:04

Instrument :

MSVOA_L

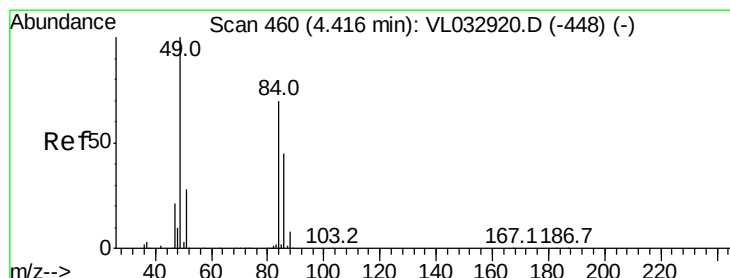
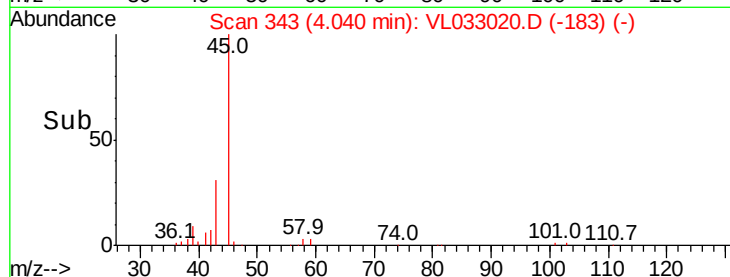
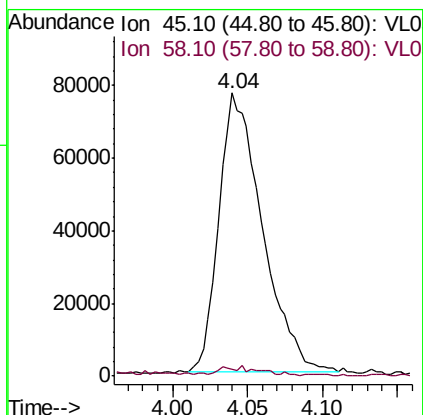
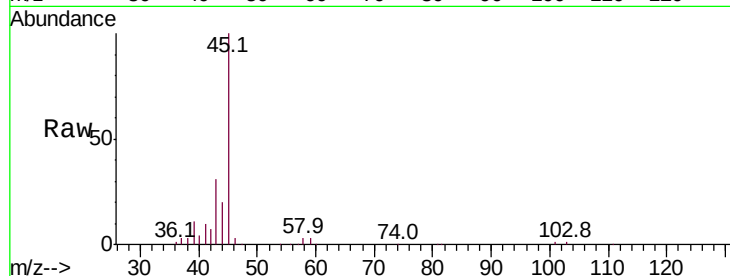
ClientSampleId :

Tot Ion: 45 Resp: 155935

Ion Ratio Lower Upper

45 100

58 133.9 1.4 2.2#



#20

Methylene Chloride

Concen: 16.206 ppbv

RT: 4.42 min Scan# 460

Delta R.T. 0.00 min

Lab File: VL033020.D

Acq: 18 Dec 2018 7:04

Tgt Ion: 84 Resp: 753489

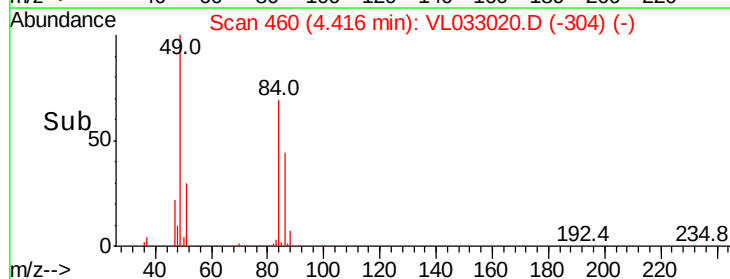
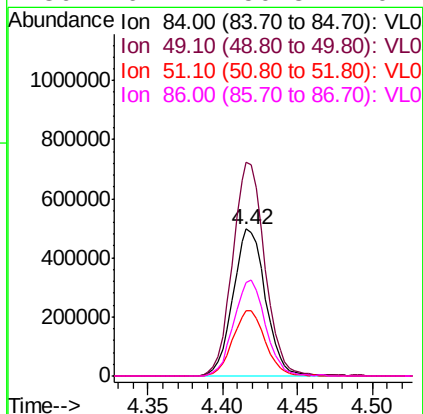
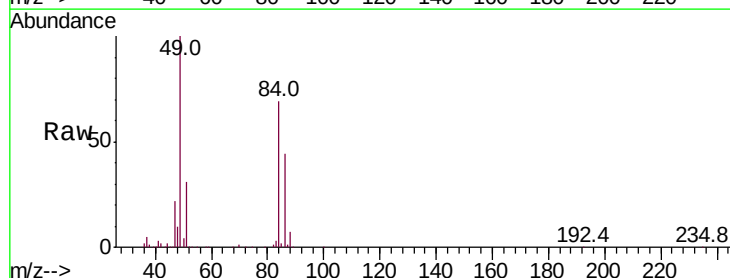
Ion Ratio Lower Upper

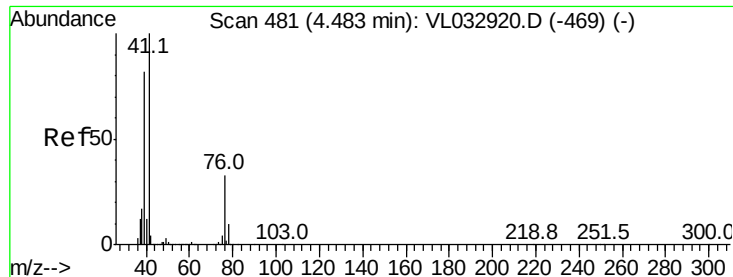
84 100

49 145.6 113.8 170.8

51 44.4 31.8 47.8

86 64.1 50.8 76.2





#21

Allvl Chloride

Concen: 0.378 ppbv

RT: 4.42 min Scan# 460

Delta R.T. -0.07 min

Lab File: VL033020.D

Acq: 18 Dec 2018 7:04

Instrument :

MSVOA_L

ClientSampleId :

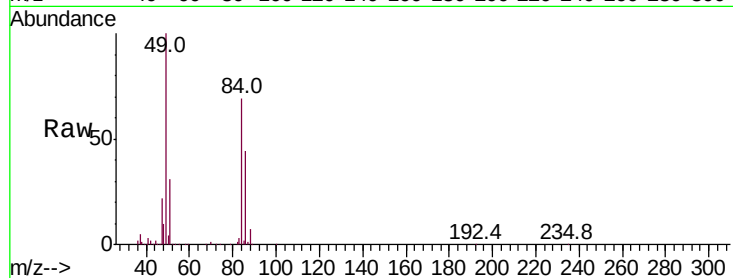
Tot Ion: 41 Resp: 29291

Ion Ratio Lower Upper

41 100

76 0.0 25.2 37.8#

39 31.6 65.2 97.8#

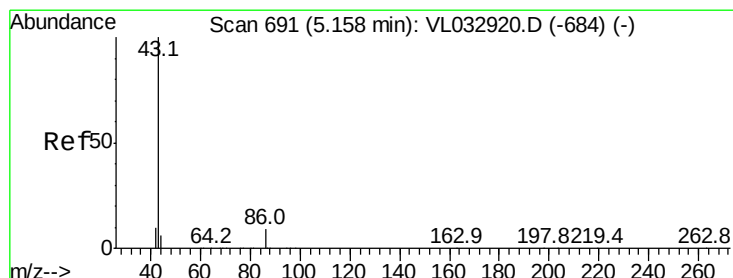
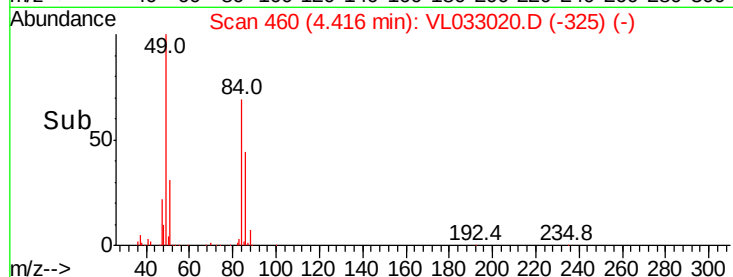
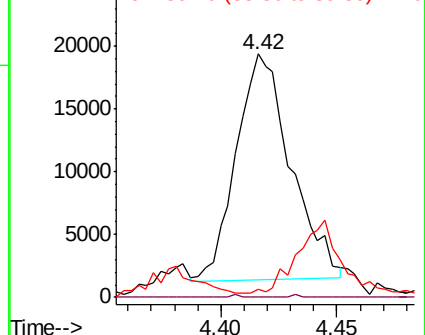


Abundance

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: 0.182 ppbv

RT: 5.15 min Scan# 688

Delta R.T. -0.01 min

Lab File: VL033020.D

Acq: 18 Dec 2018 7:04

Tgt Ion: 43 Resp: 29258

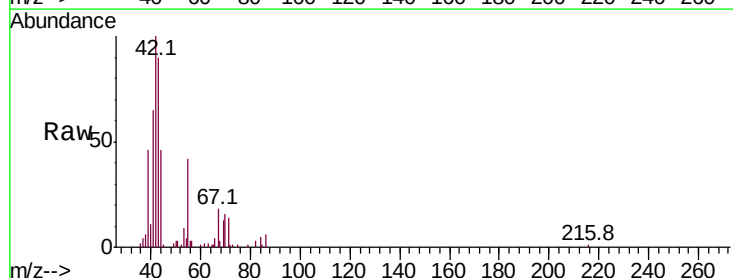
Ion Ratio Lower Upper

43 100

86 6.5 6.6 9.8#

42 104.9 8.3 12.5#

44 3.6 4.2 6.4#



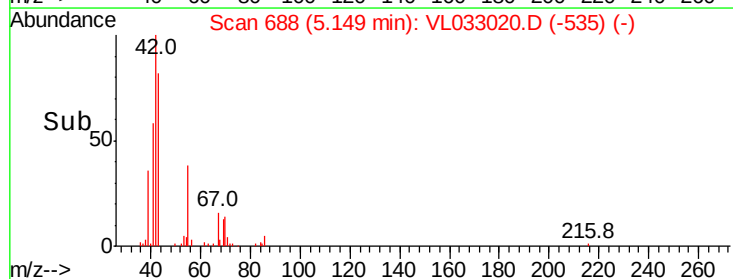
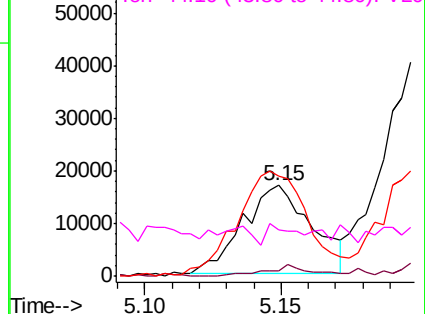
Abundance

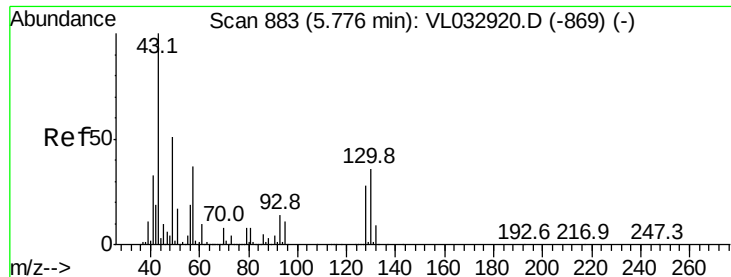
Ion 43.10 (42.80 to 43.80): VL0

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: 1.750 ppbv

RT: 5.79 min Scan# 886

Delta R.T. 0.01 min

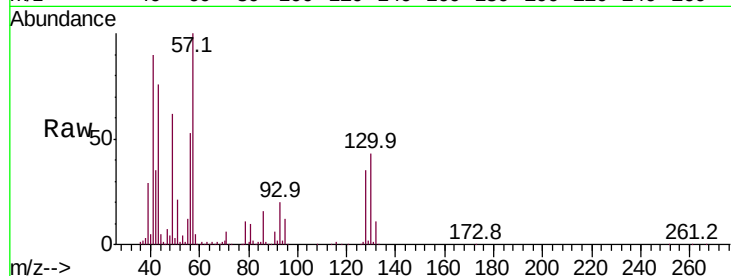
Lab File: VL033020.D

Acq: 18 Dec 2018 7:04

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 393217

Ion	Ratio	Lower	Upper
43	100		
45	2.5	7.8	11.6#
61	1.8	7.4	11.2#
70	2.7	5.7	8.5#



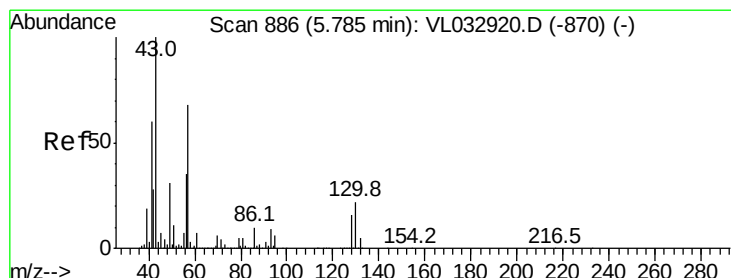
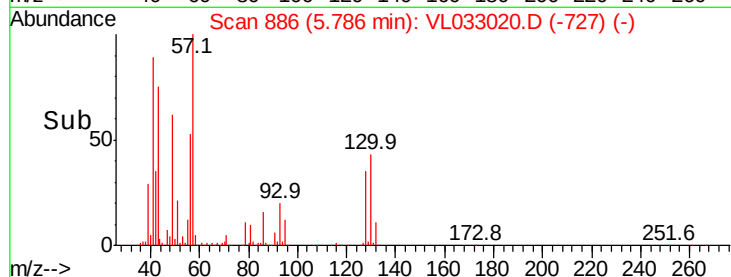
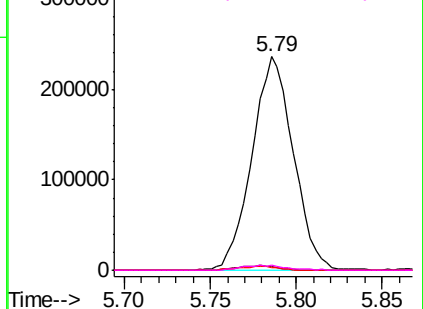
Abundance

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: 5.023 ppbv

RT: 5.79 min Scan# 887

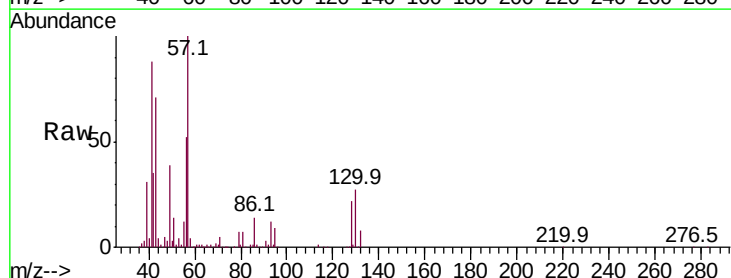
Delta R.T. 0.00 min

Lab File: VL033020.D

Acq: 18 Dec 2018 7:04

Tgt Ion: 57 Resp: 521142

Ion	Ratio	Lower	Upper
57	100		
41	91.1	72.2	108.2
43	75.7	171.9	257.9#
56	53.6	42.2	63.2



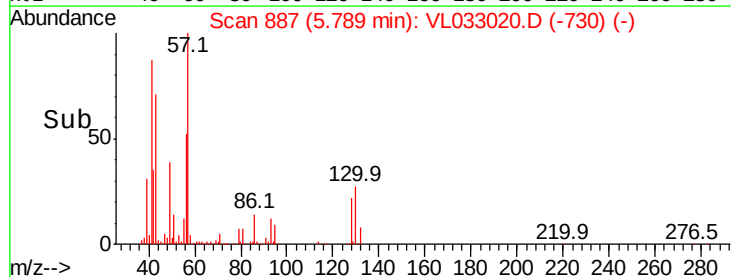
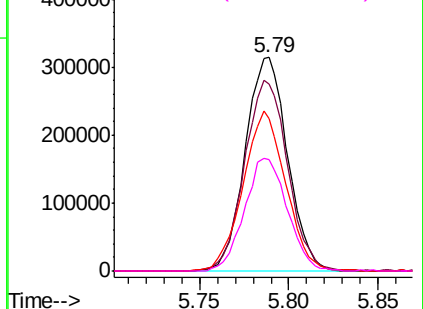
Abundance

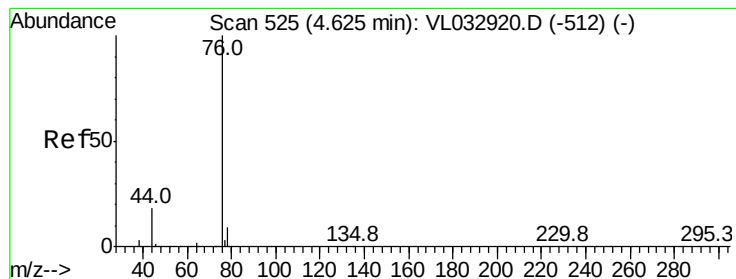
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 0.244 ppbv

RT: 4.63 min Scan# 527

Delta R.T. 0.01 min

Lab File: VL033020.D

Acq: 18 Dec 2018 7:04

Instrument :

MSVOA_L

ClientSampleId :

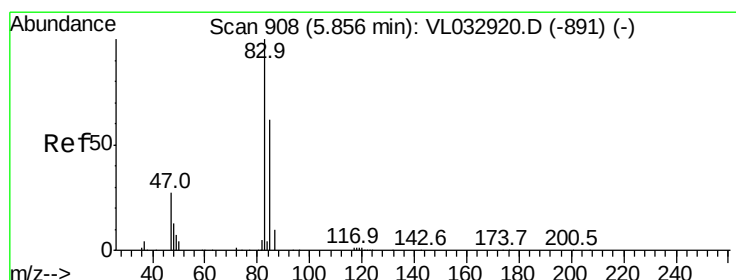
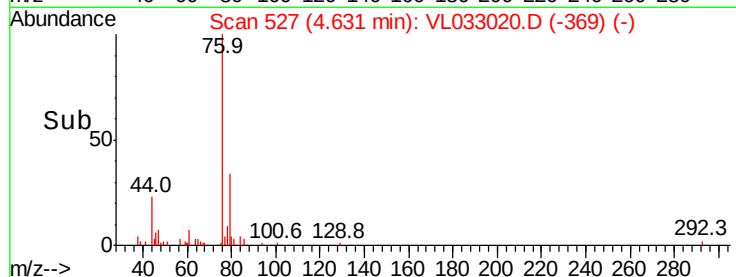
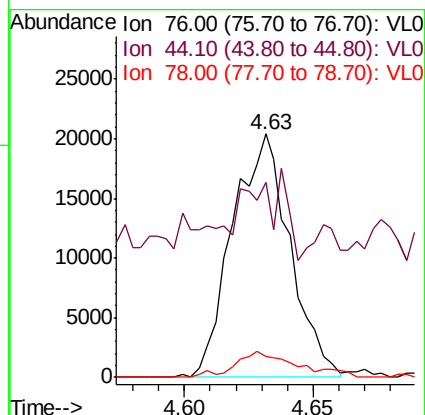
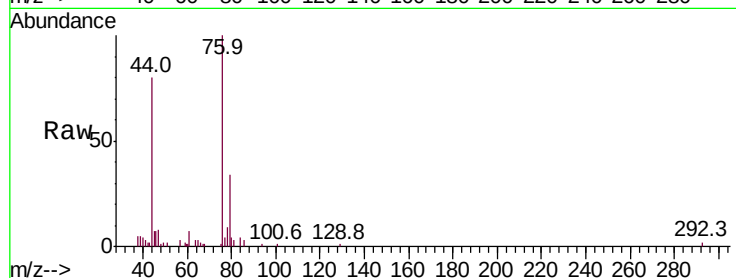
Tot Ion: 76 Resp: 31688

Ion Ratio Lower Upper

76 100

44 45.1 14.7 22.1#

78 11.5 7.4 11.2#



#29

Chloroform

Concen: 0.043 ppbv

RT: 5.86 min Scan# 908

Delta R.T. 0.00 min

Lab File: VL033020.D

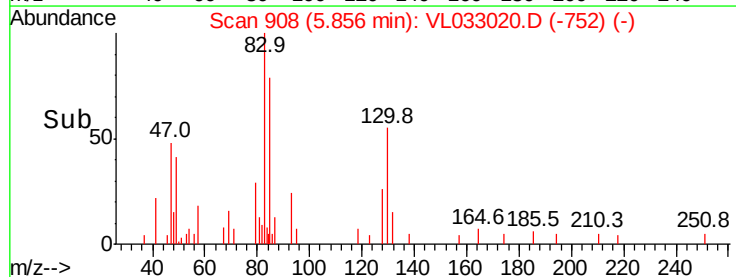
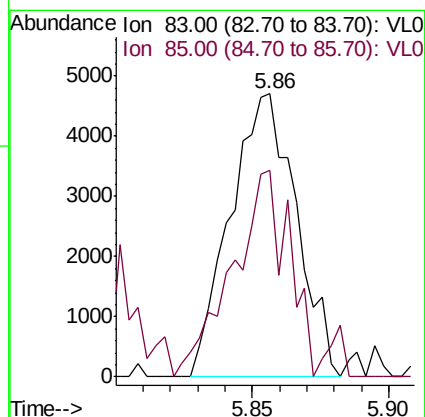
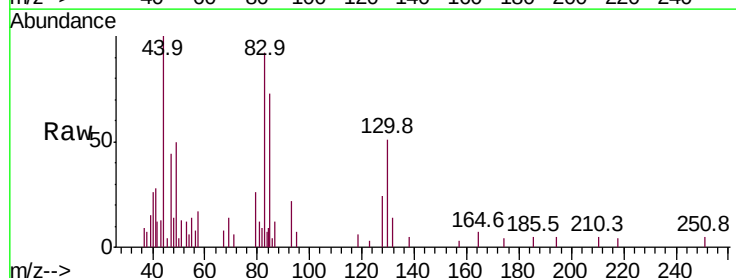
Acq: 18 Dec 2018 7:04

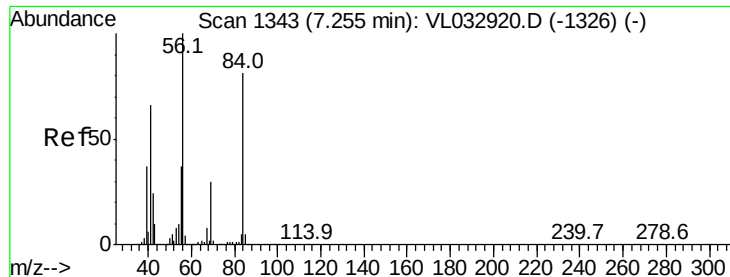
Tgt Ion: 83 Resp: 7892

Ion Ratio Lower Upper

83 100

85 63.9 49.8 74.8





#30

Cyclohexane

Concen: 0.129 ppbv

RT: 7.26 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VL033020.D

Acq: 18 Dec 2018 7:04

Instrument :
MSVOA_L
ClientSampleId :

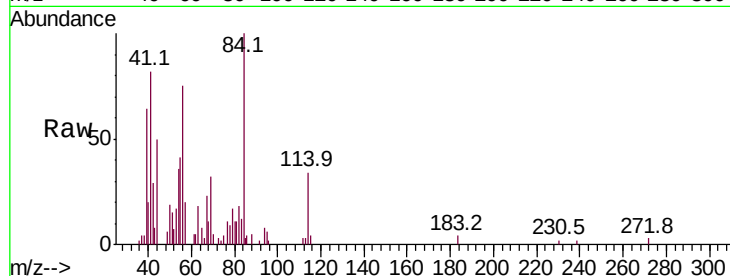
Tot Ion: 84 Resp: 11088

Ion Ratio Lower Upper

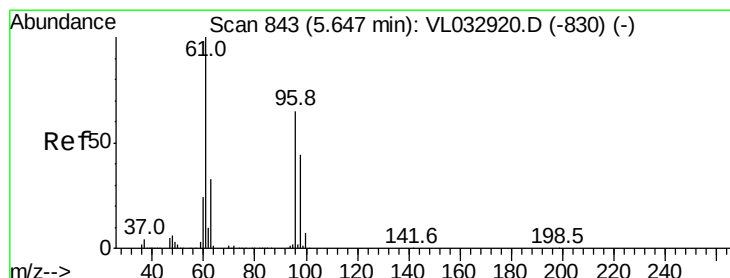
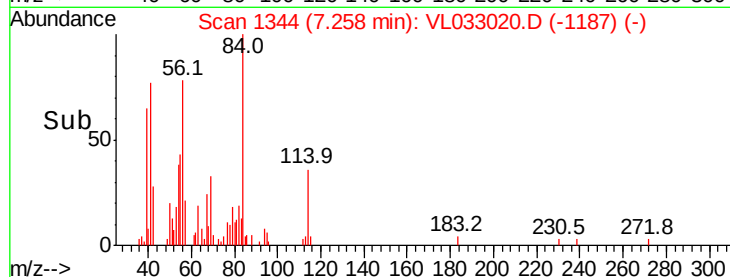
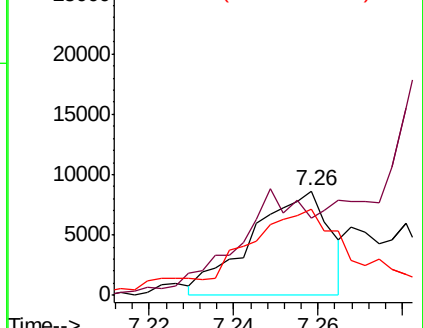
84 100

56 0.0 102.5 153.7#

41 132.2 64.1 96.1#



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



#31

cis-1,2-Dichloroethene

Concen: 0.071 ppbv

RT: 5.78 min Scan# 884

Delta R.T. 0.13 min

Lab File: VL033020.D

Acq: 18 Dec 2018 7:04

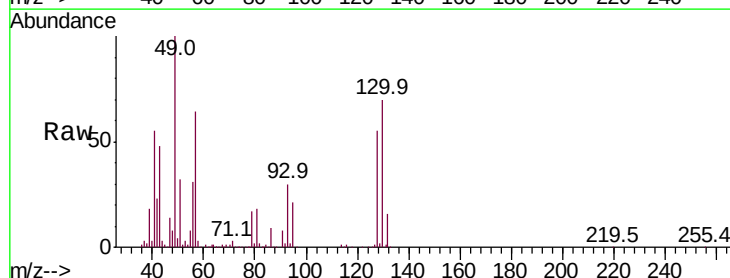
Tgt Ion: 61 Resp: 6719

Ion Ratio Lower Upper

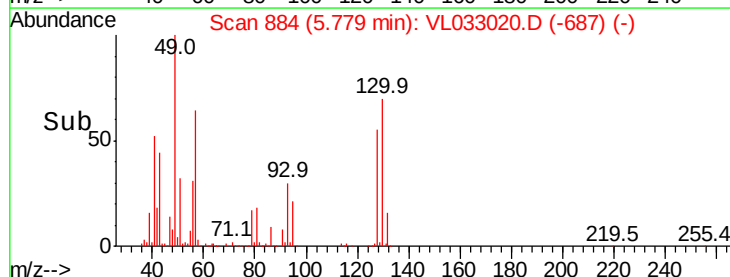
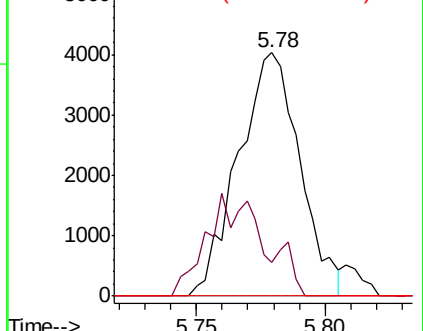
61 100

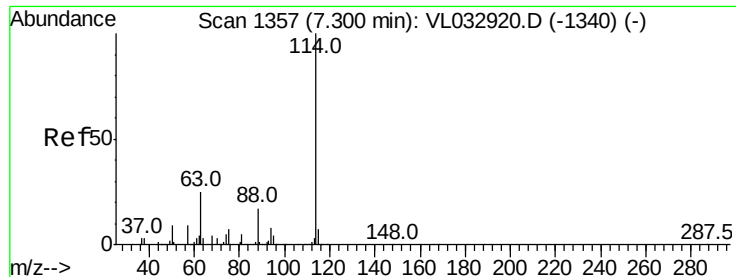
96 14.1 51.9 77.9#

98 0.0 35.0 52.4#



Abundance Ion 61.10 (60.80 to 61.80): VL0
Ion 96.00 (95.70 to 96.70): VL0
Ion 98.00 (97.70 to 98.70): VL0

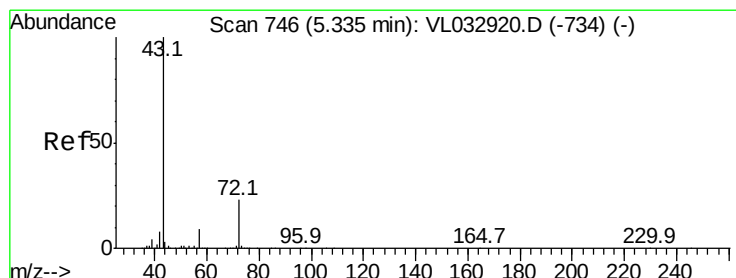
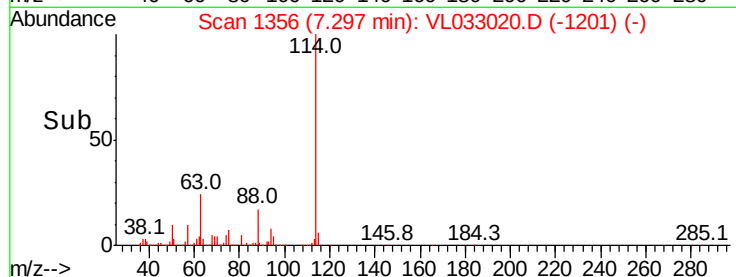
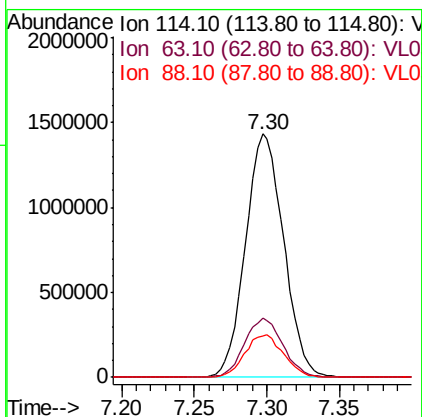
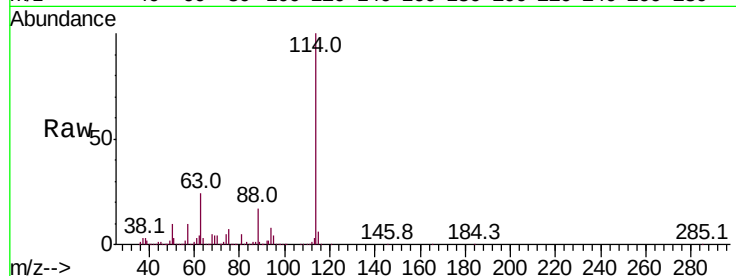




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.30 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VL033020.D
 Acq: 18 Dec 2018 7:04

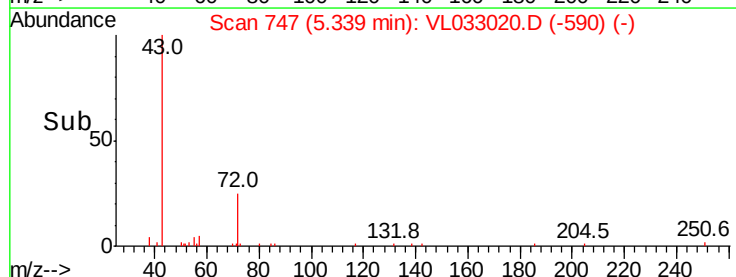
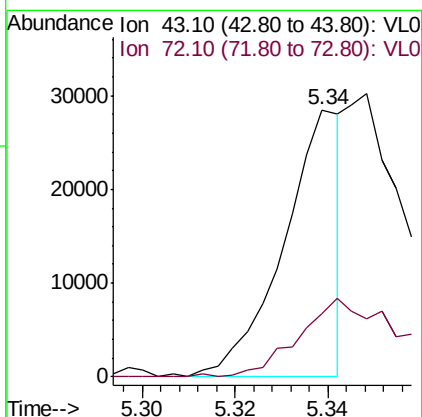
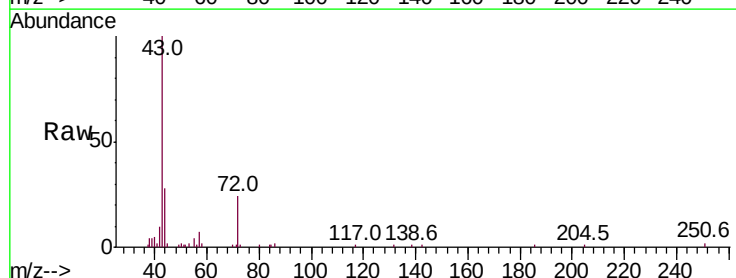
Instrument :
 MSVOA_L
 ClientSampleId :

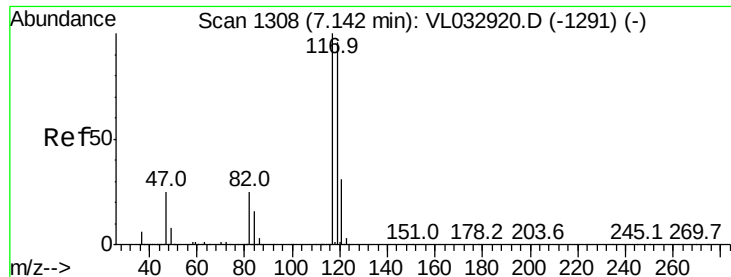
Tot Ion:114 Resp: 2626282
 Ion Ratio Lower Upper
 114 100
 63 24.7 20.1 30.1
 88 17.7 14.2 21.4



#34
 2-Butanone
 Concen: 0.214 ppbv
 RT: 5.34 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: VL033020.D
 Acq: 18 Dec 2018 7:04

Tgt Ion: 43 Resp: 24469
 Ion Ratio Lower Upper
 43 100
 72 54.2 18.8 28.2#





#35

Carbon Tetrachloride

Concen: 0.069 ppbv

RT: 7.14 min Scan# 1308

Delta R.T. 0.00 min

Lab File: VL033020.D

Acq: 18 Dec 2018 7:04

Instrument :

MSVOA_L

ClientSampled :

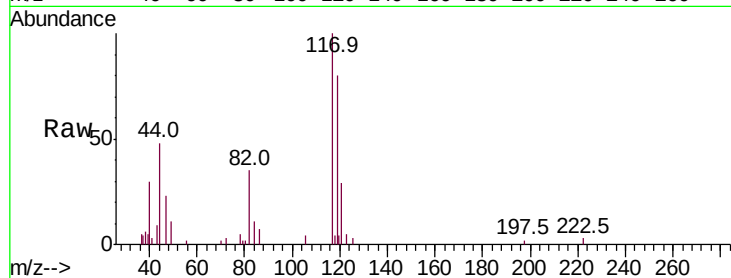
Tot Ion:117 Resp: 14151

Ion Ratio Lower Upper

117 100

119 81.5 76.5 114.7

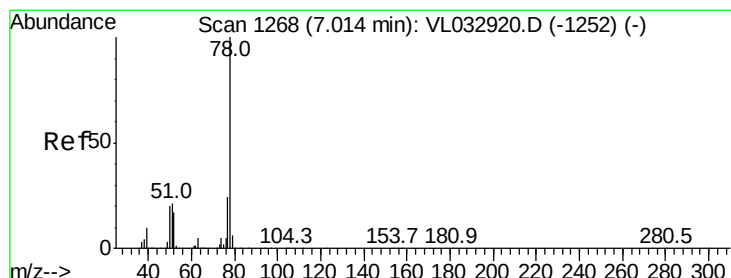
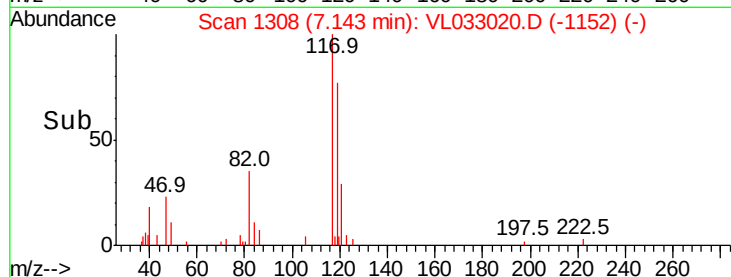
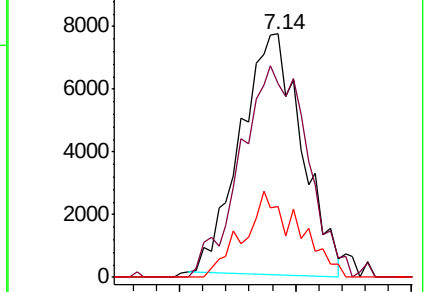
121 29.8 24.5 36.7



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: 0.608 ppbv

RT: 7.01 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VL033020.D

Acq: 18 Dec 2018 7:04

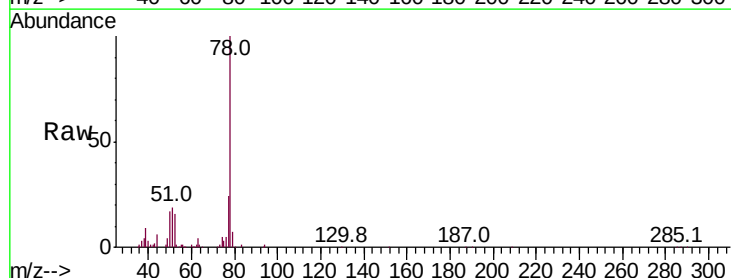
Tgt Ion: 78 Resp: 117433

Ion Ratio Lower Upper

78 100

77 23.8 18.9 28.3

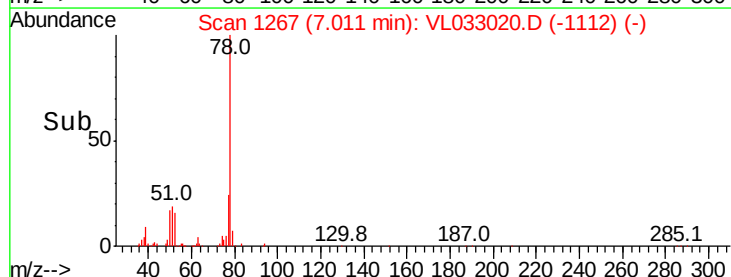
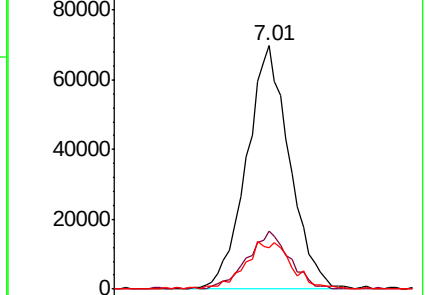
50 16.6 16.1 24.1

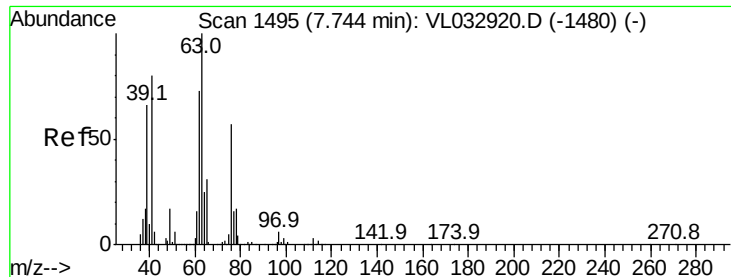


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#39

1,2-Dichloropropane

Concen: 8.734 ppbv

RT: 7.30 min Scan# 1356

Delta R.T. -0.45 min

Lab File: VL033020.D

Acq: 18 Dec 2018 7:04

Instrument :

MSVOA_L

ClientSampleId :

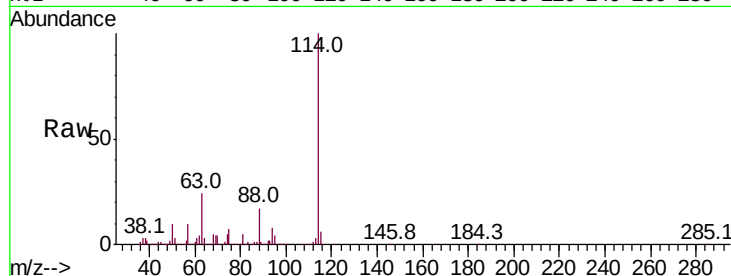
Tot Ion: 63 Resp: 639880

Ion Ratio Lower Upper

63 100

41 0.0 63.9 95.9#

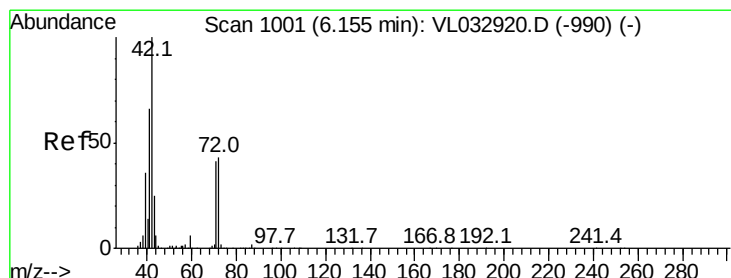
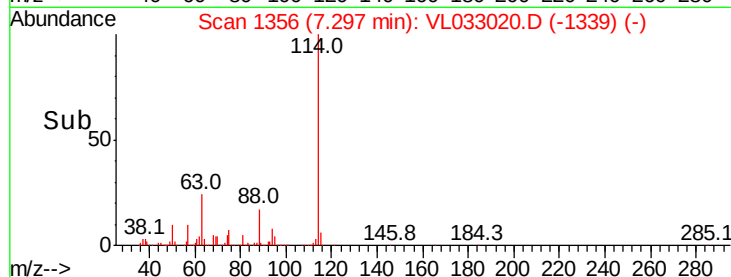
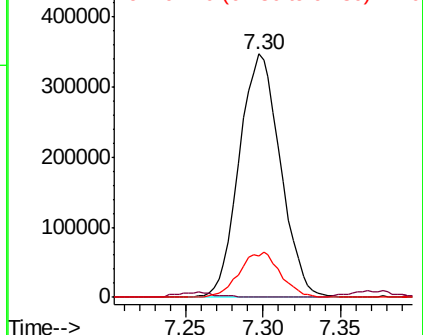
62 17.0 58.8 88.2#



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: 0.064 ppbv

RT: 6.17 min Scan# 1004

Delta R.T. 0.01 min

Lab File: VL033020.D

Acq: 18 Dec 2018 7:04

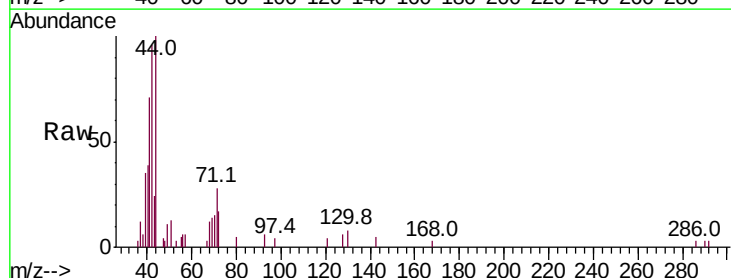
Tgt Ion: 42 Resp: 4544

Ion Ratio Lower Upper

42 100

72 0.0 32.9 49.3#

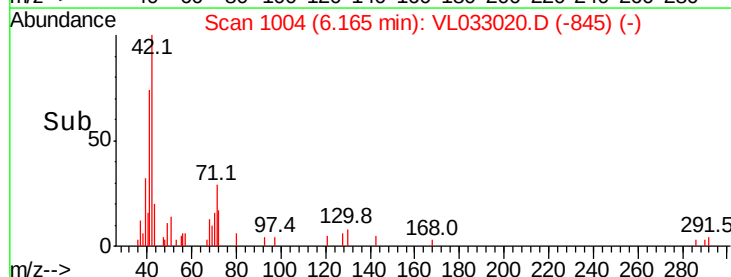
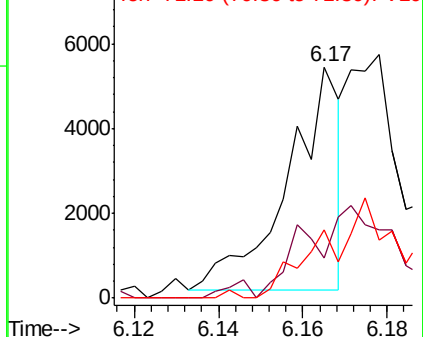
71 0.0 32.0 48.0#

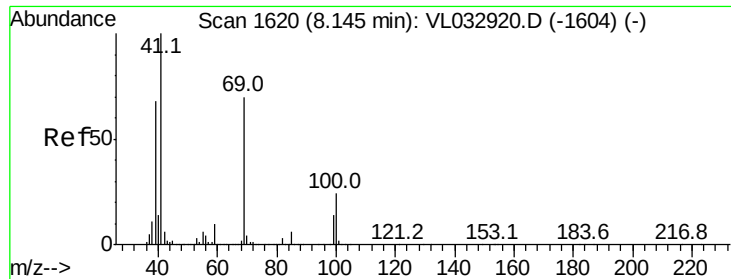


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0

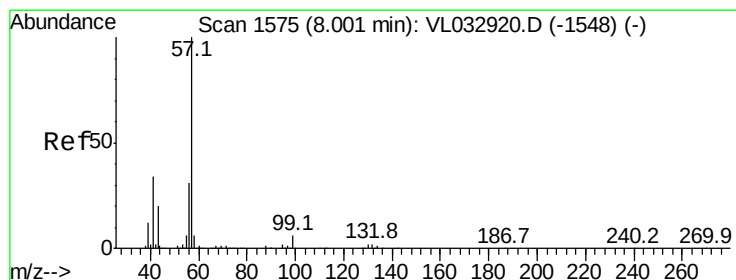
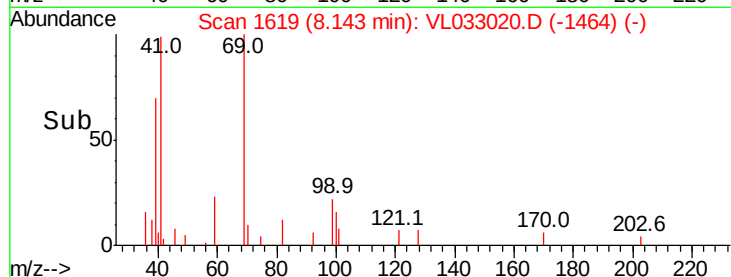
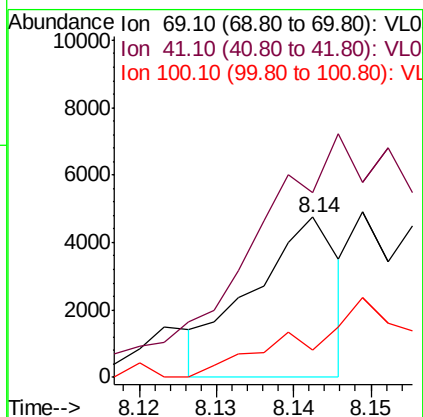
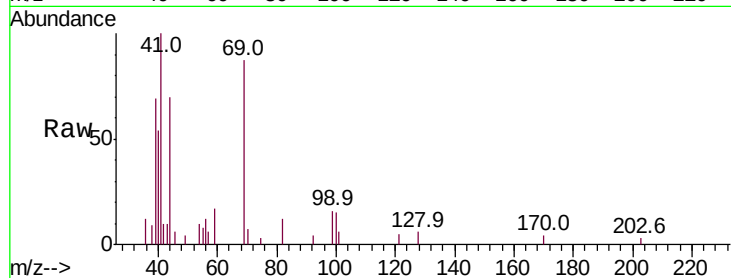




#43
Methyl Methacrylate
Concen: 0.051 ppbv
RT: 8.14 min Scan# 1619
Delta R.T. -0.00 min
Lab File: VL033020.D
Acq: 18 Dec 2018 7:04

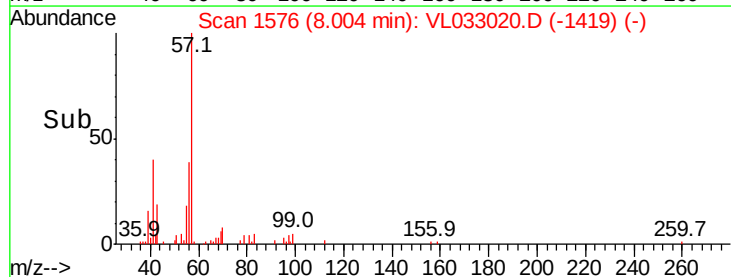
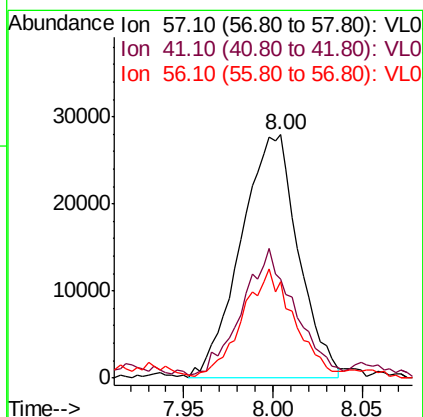
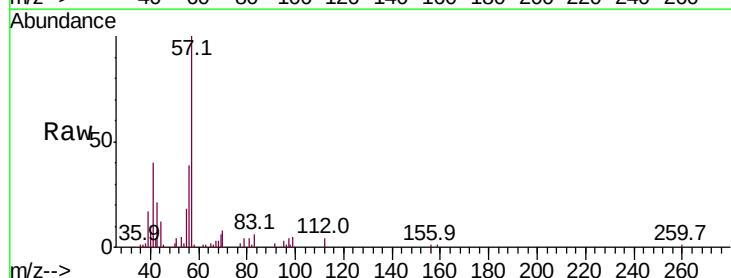
Instrument :
MSVOA_L
ClientSampleId :

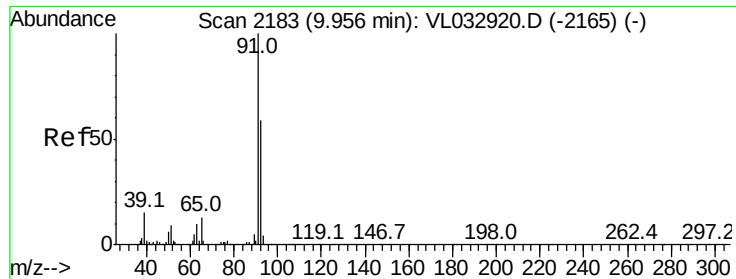
Tot Ion	Ratio	Lower	Upper
69	100		
41	0.0	116.6	175.0#
100	0.0	26.5	39.7#



#44
2,2,4-Trimethylpentane
Concen: 0.192 ppbv
RT: 8.00 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VL033020.D
Acq: 18 Dec 2018 7:04

Tgt Ion	Ratio	Lower	Upper
57	100		
41	55.2	27.0	40.4#
56	43.0	24.6	37.0#





#53

Toluene

Concen: 70.731 ppbv

RT: 9.96 min Scan# 2184

Delta R.T. 0.00 min

Lab File: VL033020.D

Acq: 18 Dec 2018 7:04

Instrument :

MSVOA_L

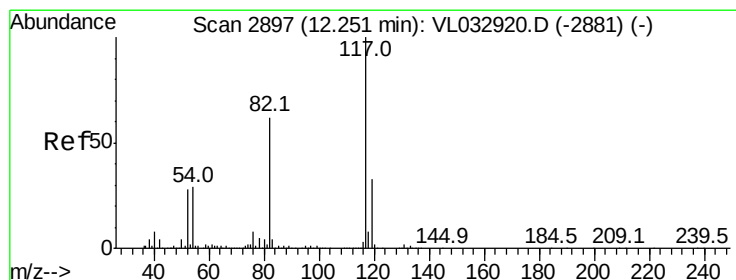
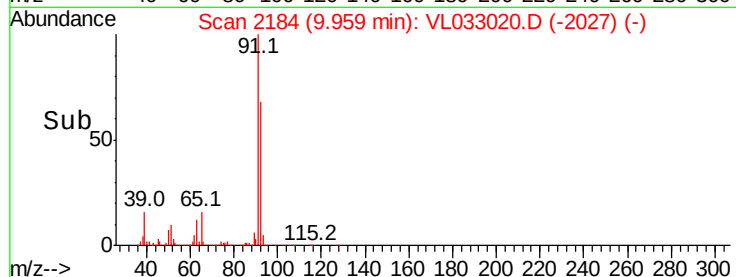
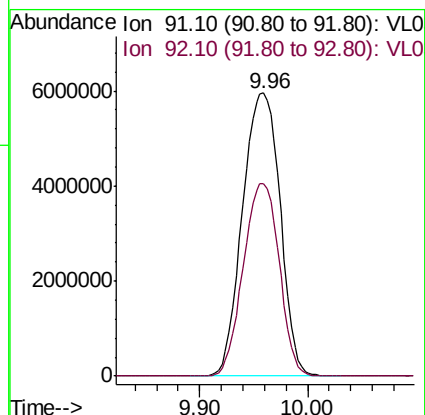
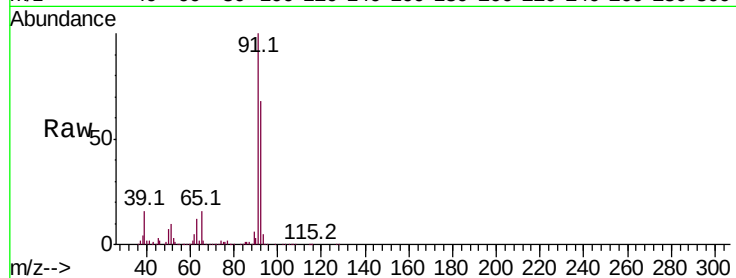
ClientSampleId :

Tot Ion: 91 Resp:14490629

Ion Ratio Lower Upper

91 100

92 65.0 47.4 71.0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.25 min Scan# 2895

Delta R.T. -0.01 min

Lab File: VL033020.D

Acq: 18 Dec 2018 7:04

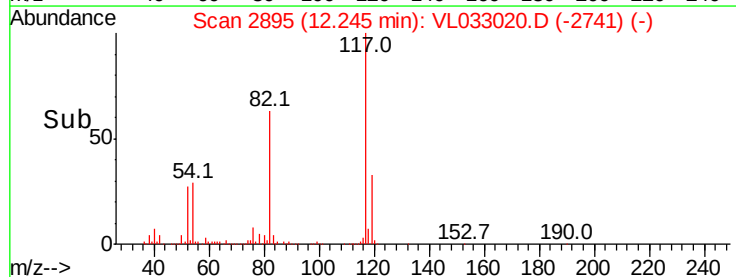
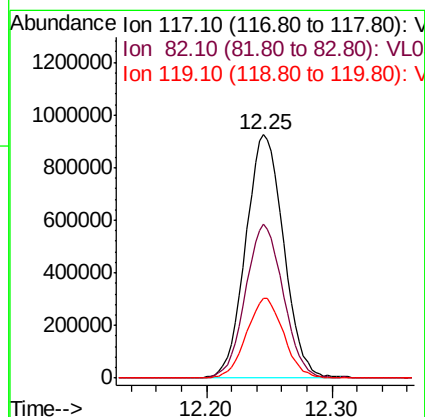
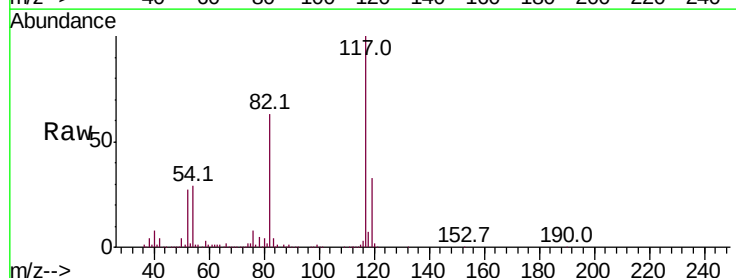
Tgt Ion:117 Resp: 1951969

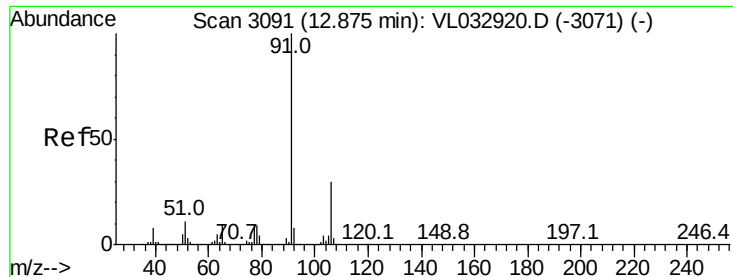
Ion Ratio Lower Upper

117 100

82 62.8 47.8 71.8

119 32.1 43.1 64.7#





#58

Ethyl Benzene

Concen: 0.037 ppbv

RT: 12.86 min Scan# 3085

Delta R.T. -0.02 min

Lab File: VL033020.D

Acq: 18 Dec 2018 7:04

Instrument :

MSVOA_L

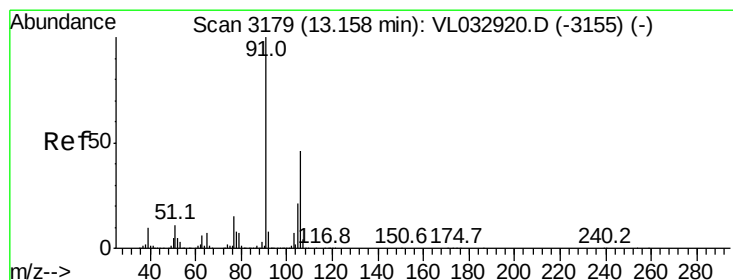
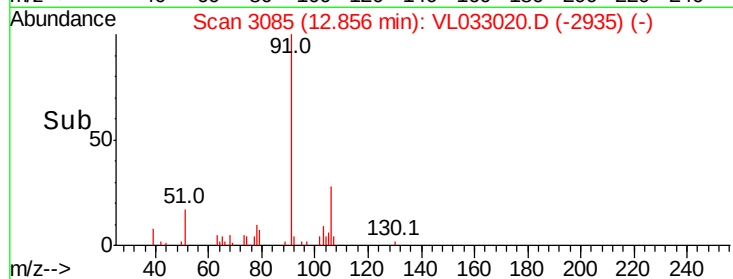
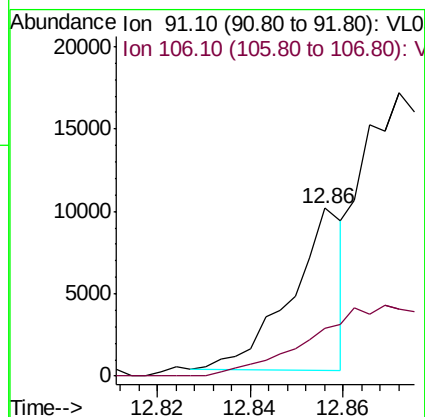
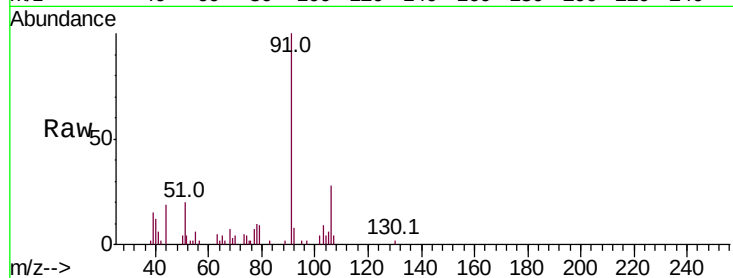
ClientSampleId :

Tot Ion: 91 Resp: 7715

Ion Ratio Lower Upper

91 100

106 29.4 23.9 35.9



#59

m/p-Xylene

Concen: 0.099 ppbv

RT: 13.16 min Scan# 3180

Delta R.T. 0.00 min

Lab File: VL033020.D

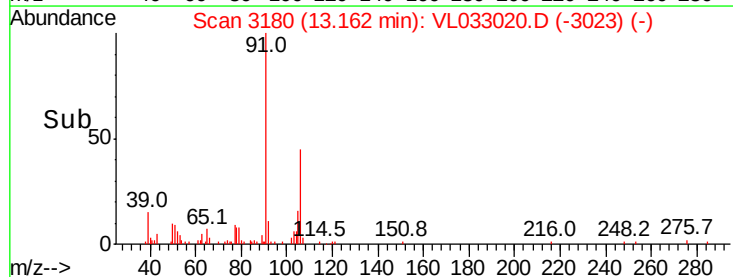
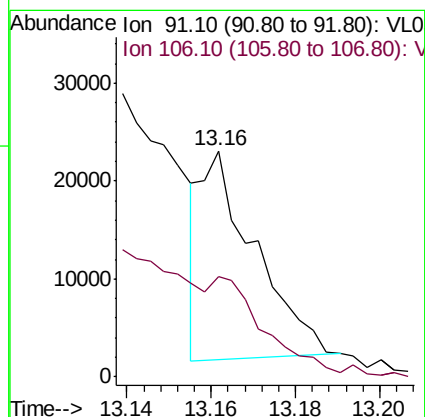
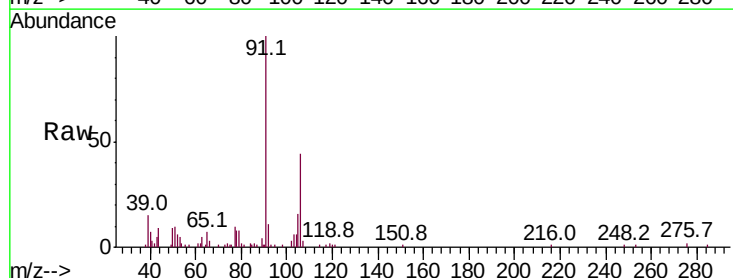
Acq: 18 Dec 2018 7:04

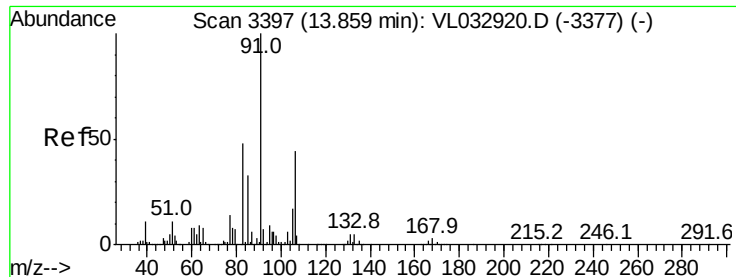
Tgt Ion: 91 Resp: 18695

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0

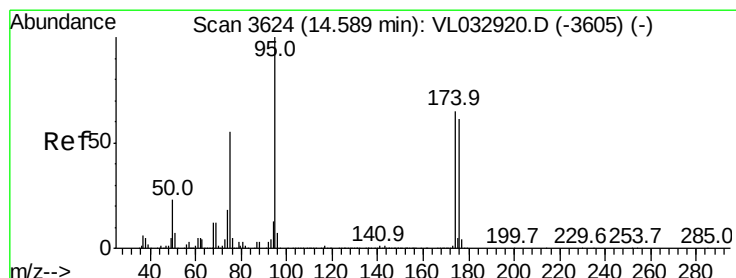
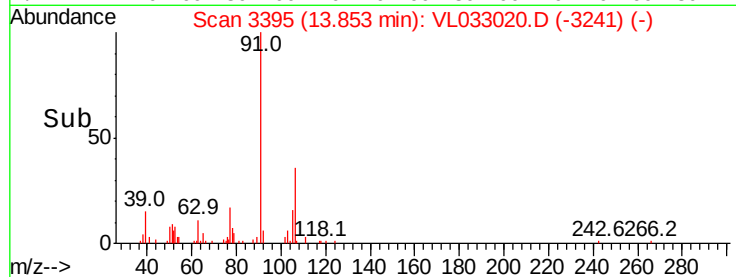
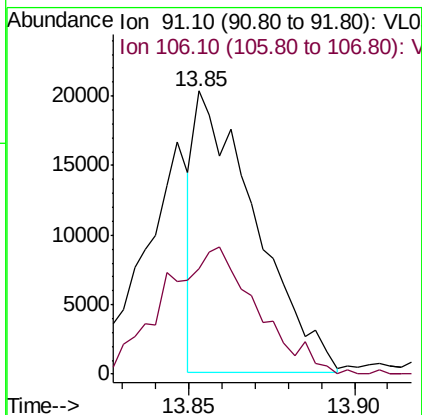
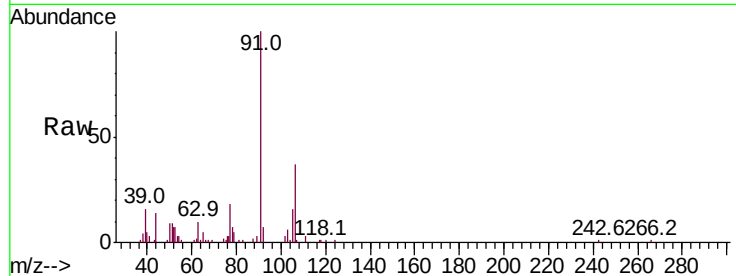




#60
o-Xylene
Concen: 0.135 ppbv
RT: 13.85 min Scan# 3395
Delta R.T. -0.01 min
Lab File: VL033020.D
Acq: 18 Dec 2018 7:04

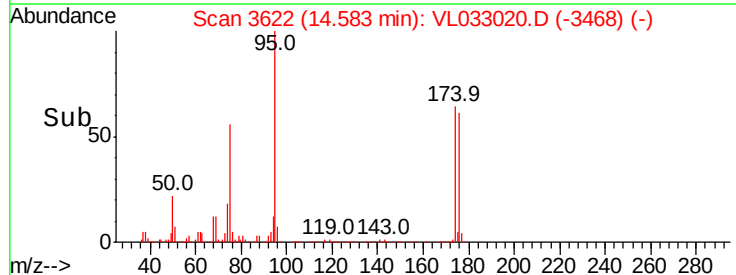
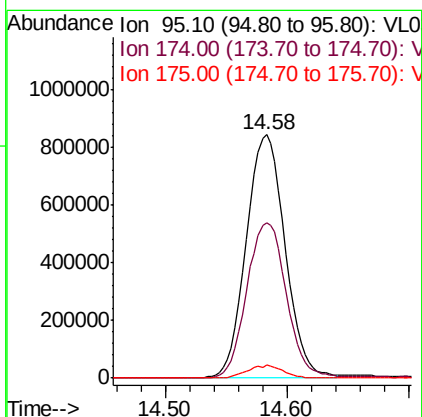
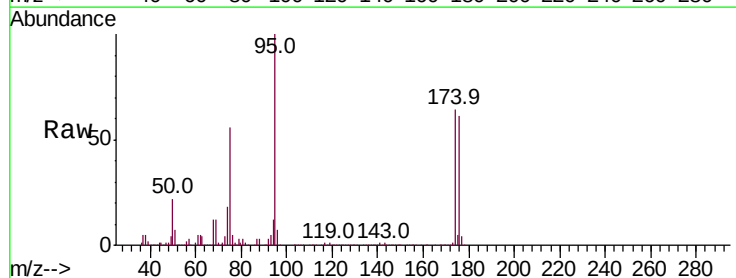
Instrument :
MSVOA_L
ClientSampleId :

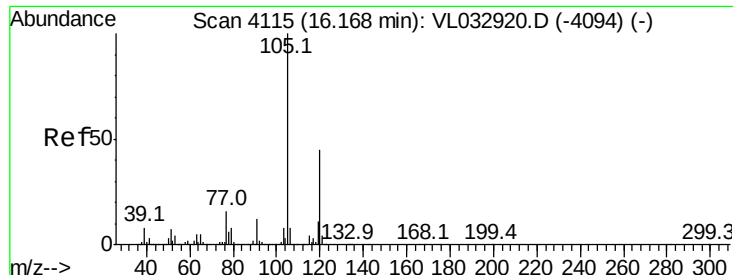
Tot Ion: 91 Resp: 25682
Ion Ratio Lower Upper
91 100
106 72.3 21.9 65.8#



#68
1-Bromo-4-Fluorobenzene
Concen: 12.879 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL033020.D
Acq: 18 Dec 2018 7:04

Tgt Ion: 95 Resp: 1857276
Ion Ratio Lower Upper
95 100
174 66.3 51.4 77.0
175 4.9 3.8 5.6





#73

1,3,5-Trimethylbenzene

Concen: 0.073 ppbv

RT: 16.16 min Scan# 4114

Delta R.T. -0.00 min

Lab File: VL033020.D

Acq: 18 Dec 2018 7:04

Instrument :

MSVOA_L

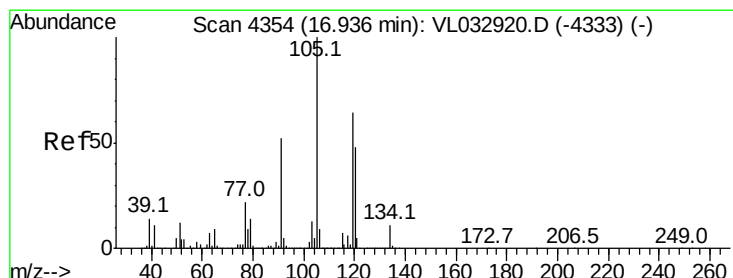
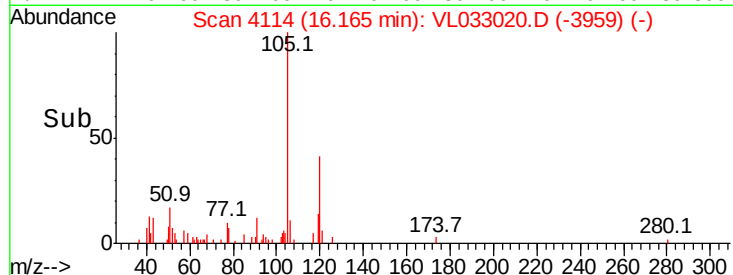
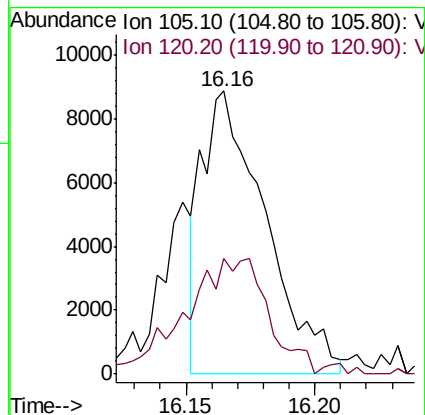
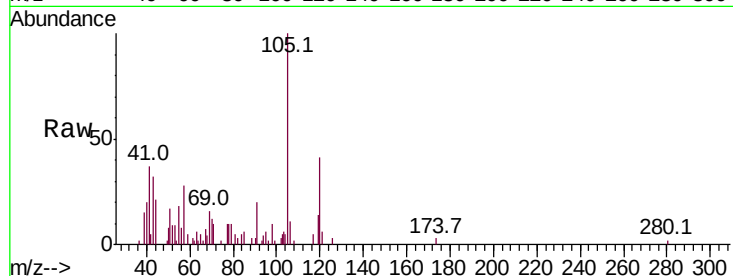
ClientSampleId :

Tot Ion:105 Resp: 15127

Ion Ratio Lower Upper

105 100

120 39.2 36.0 54.0



#74

1,2,4-Trimethylbenzene

Concen: 0.326 ppbv

RT: 16.94 min Scan# 4354

Delta R.T. 0.00 min

Lab File: VL033020.D

Acq: 18 Dec 2018 7:04

Tgt Ion:105 Resp: 76413

Ion Ratio Lower Upper

105 100

120 34.2 38.6 58.0#

91 13.4 41.7 62.5#

77 21.6 17.4 26.2

