

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
 Data File : VL032495.D
 Acq On : 11 Sep 2018 2:00
 Operator : SY/AP
 Sample : 4820-05DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 249-BERRYDL

Quant Time: Sep 11 05:30:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 31 21:33:46 2018
 QLast Update : Fri Aug 31 21:33:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.80	49	1427316	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.34	114	3437396	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.29	117	3428376	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.62	95	2567788	10.09	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%

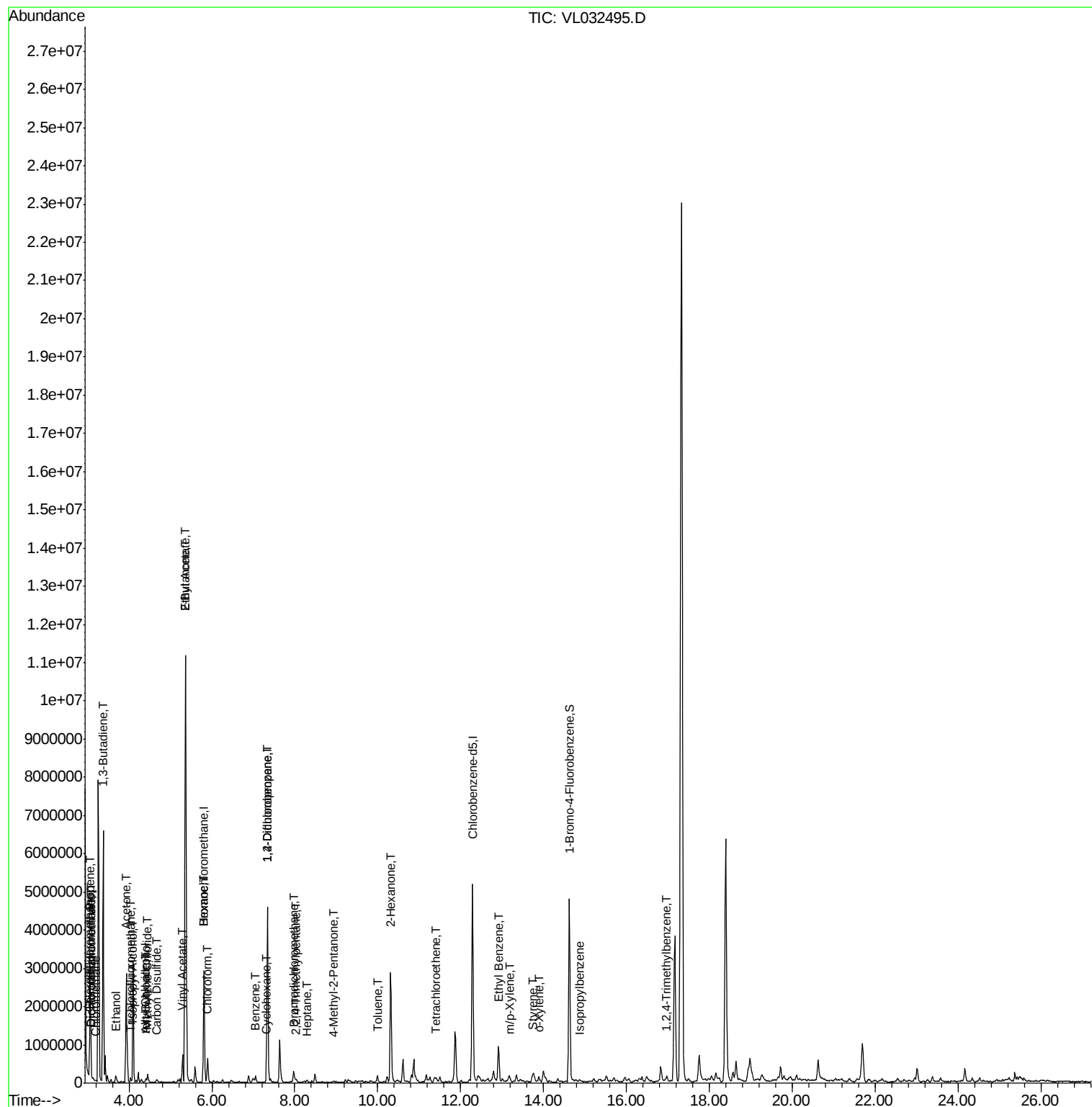
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.10	85	39571	0.217	ppbv	92
3) Chlorodifluoromethane	3.04	51	15606	0.121	ppbv	96
4) Chloromethane	3.19	50	9704	0.124	ppbv	96
8) Dichlorotetrafluoroethane	3.10	85	39571	0.244	ppbv #	21
9) Propene	3.06	41	1369029	26.268	ppbv	95
10) Heptane	8.28	43	20878	0.112	ppbv #	59
11) Trichlorofluoromethane	4.04	101	84330	0.512	ppbv	99
13) Ethanol	3.69	45	191114	11.764	ppbv	98
15) Acetone	3.93	43	2768612	21.540	ppbv #	64
16) 1,3-Butadiene	3.37	39	1609892	26.617	ppbv #	7
17) tert-Butyl alcohol	4.41	59	48633	2.459	ppbv #	100
19) Isopropyl Alcohol	4.07	45	15960	0.189	ppbv #	93
20) Methylene Chloride	4.45	84	72255	1.474	ppbv	98
21) Allyl Chloride	4.41	41	23587	0.276	ppbv #	23
23) Vinyl Acetate	5.29	43	234193	1.099	ppbv #	6
25) Ethyl Acetate	5.36	43	14901156	49.093	ppbv #	76
26) Hexane	5.82	57	88987	0.655	ppbv #	1
27) Carbon Disulfide	4.66	76	42768	0.341	ppbv #	52
29) Chloroform	5.89	83	418594	2.020	ppbv	94
30) Cyclohexane	7.29	84	3076	0.031	ppbv #	1
34) 2-Butanone	5.36	43	14901156	65.264	ppbv	91
36) Benzene	7.05	78	75217	0.257	ppbv	96
39) 1,2-Dichloropropane	7.34	63	890470	7.115	ppbv #	26
42) Bromodichloromethane	7.97	83	27101	0.110	ppbv #	94
44) 2,2,4-Trimethylpentane	8.04	57	61406	0.109	ppbv #	85
50) 4-Methyl-2-Pentanone	8.92	43	11514	0.033	ppbv #	52
51) 2-Hexanone	10.31	43	2682585	12.109	ppbv #	99
52) Tetrachloroethene	11.41	164	3868	0.043	ppbv #	77
53) Toluene	9.99	91	110520	0.361	ppbv	99
58) Ethyl Benzene	12.91	91	45256	0.110	ppbv	99
59) m/p-Xylene	13.20	91	14647	0.040	ppbv #	31
60) o-Xylene	13.89	91	37912	0.106	ppbv #	32
61) Styrene	13.73	104	28760	0.124	ppbv #	30
62) Isopropylbenzene	14.87	105	47225	0.093	ppbv	96
74) 1,2,4-Trimethylbenzene	16.97	105	55832	0.130	ppbv #	59

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032495.D
Acq On : 11 Sep 2018 2:00
Operator : SY/AP
Sample : 4820-05DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
249-BERRYDL

Quant Time: Sep 11 05:30:47 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 31 21:33:46 2018
QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.80 min Scan# 892

Delta R.T. -0.01 min

Lab File: VL032495.D

Acq: 11 Sep 2018 2:00

Instrument :
MSVOA_L
ClientSampleId :
249-BERRYDL

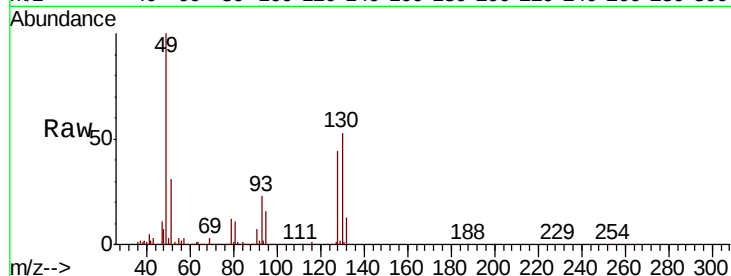
Tgt Ion: 49 Resp: 1427316

Ion Ratio Lower Upper

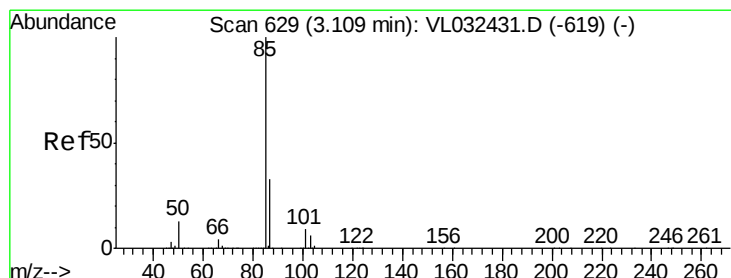
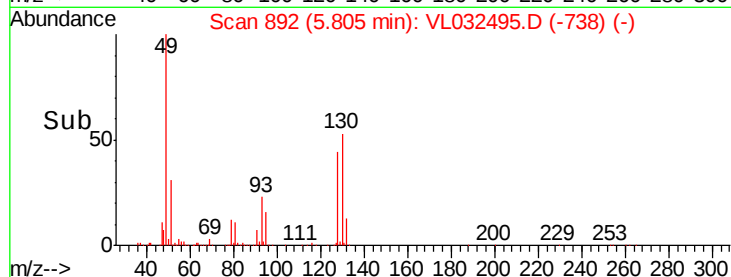
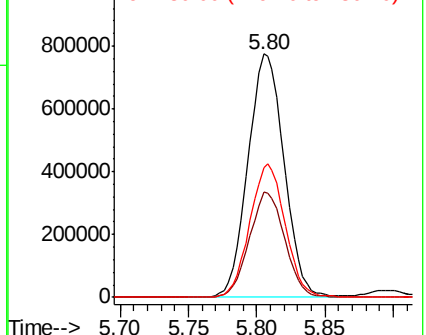
49 100

128 42.5 20.7 62.1

130 54.0 26.6 79.7



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: 0.217 ppbv

RT: 3.10 min Scan# 51

Delta R.T. -0.01 min

Lab File: VL032495.D

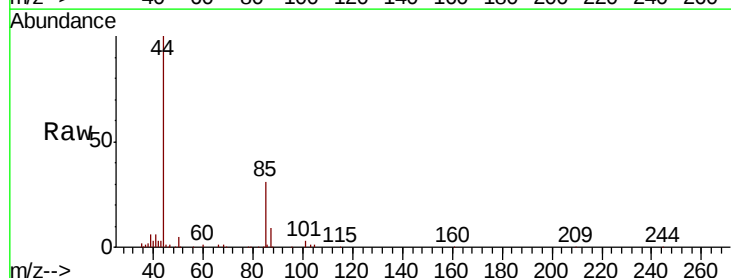
Acq: 11 Sep 2018 2:00

Tgt Ion: 85 Resp: 39571

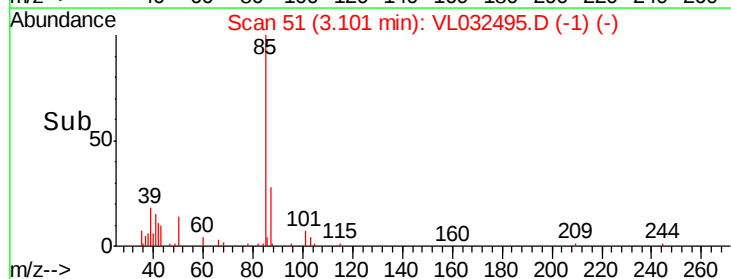
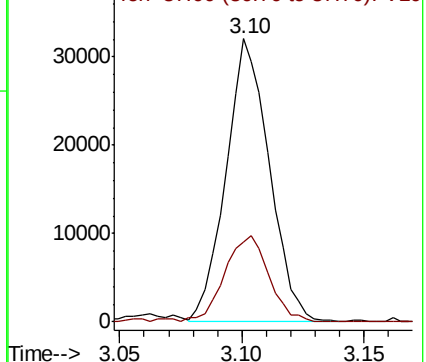
Ion Ratio Lower Upper

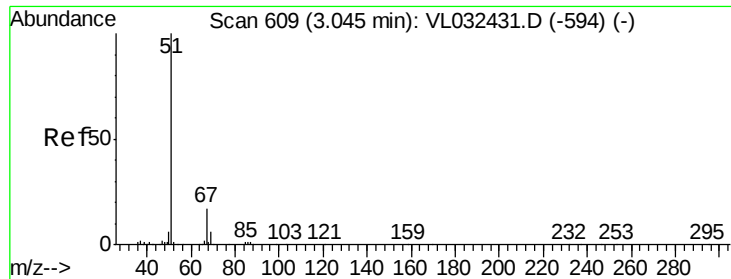
85 100

87 28.4 26.2 39.4



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

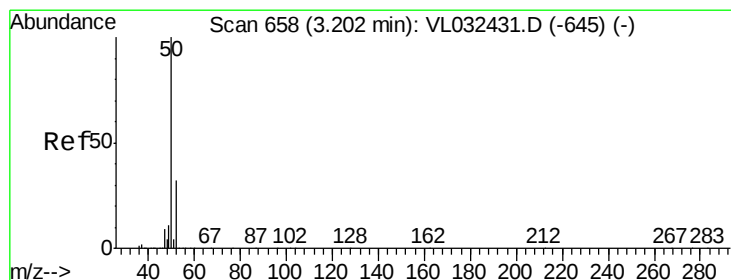
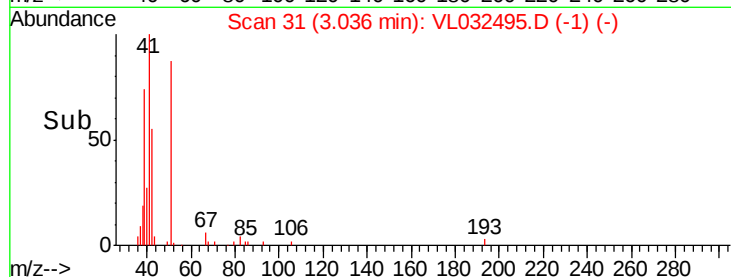
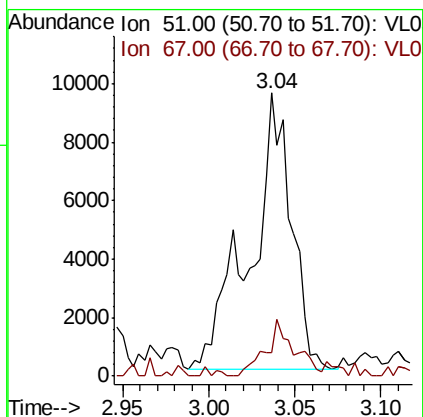
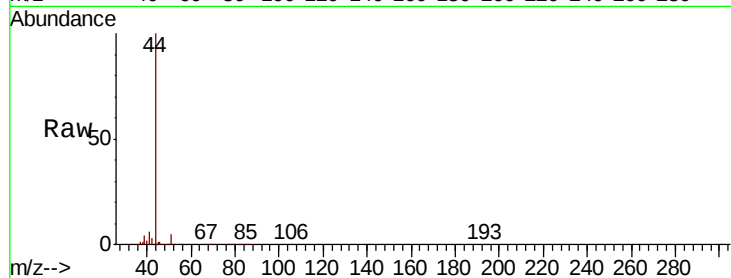




#3
Chlorodifluoromethane
Concen: 0.121 ppbv
RT: 3.04 min Scan# 31
Delta R.T. -0.01 min
Lab File: VL032495.D
Acq: 11 Sep 2018 2:00

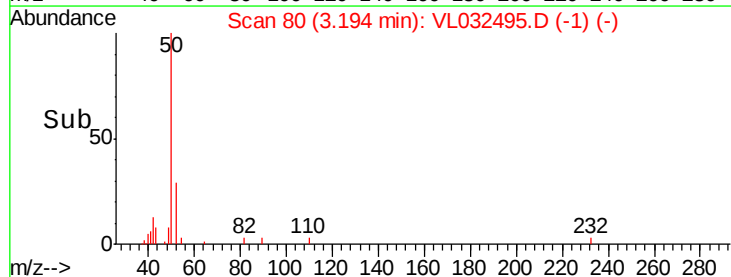
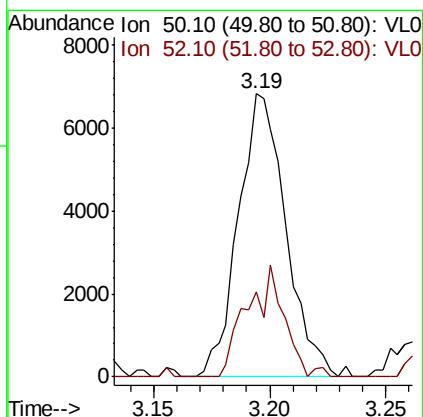
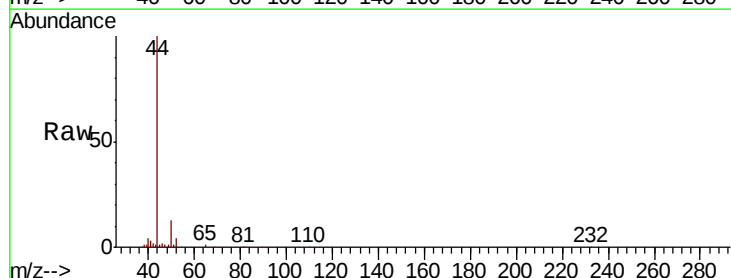
Instrument :
MSVOA_L
ClientSampleId :
249-BERRYDL

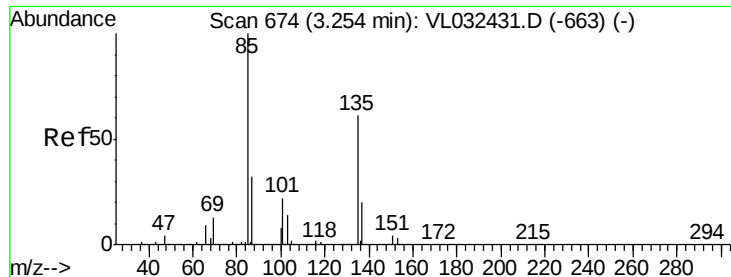
Tgt Ion: 51 Resp: 15606
Ion Ratio Lower Upper
51 100
67 15.5 13.8 20.8



#4
Chloromethane
Concen: 0.124 ppbv
RT: 3.19 min Scan# 80
Delta R.T. -0.01 min
Lab File: VL032495.D
Acq: 11 Sep 2018 2:00

Tgt Ion: 50 Resp: 9704
Ion Ratio Lower Upper
50 100
52 30.0 25.6 38.4





#8

Dichlorotetrafluoroethane

Concen: 0.244 ppbv

RT: 3.10 min Scan# 51

Delta R.T. -0.15 min

Lab File: VL032495.D

Acq: 11 Sep 2018 2:00

Instrument :

MSVOA_L

ClientSampleId :

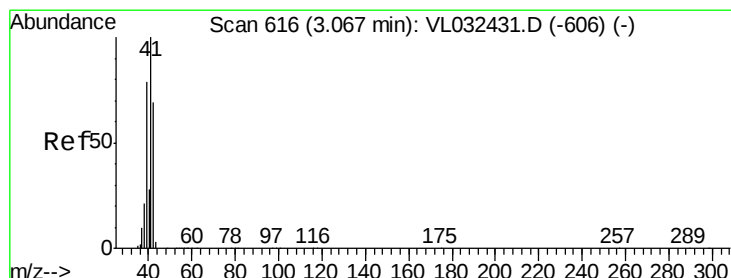
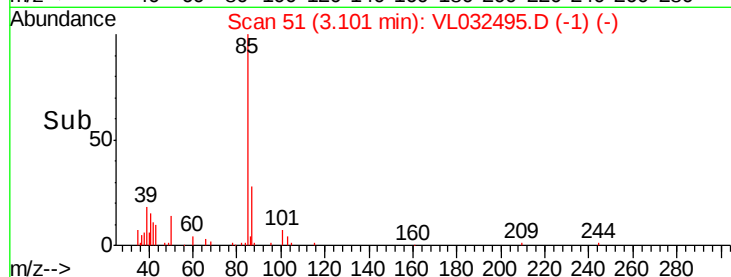
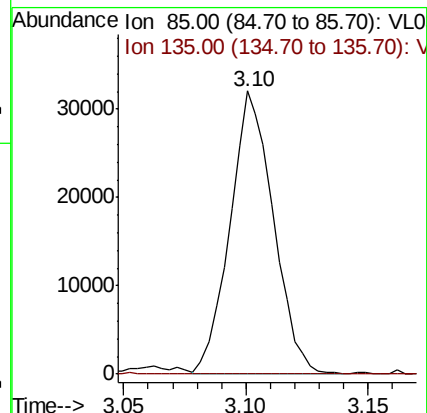
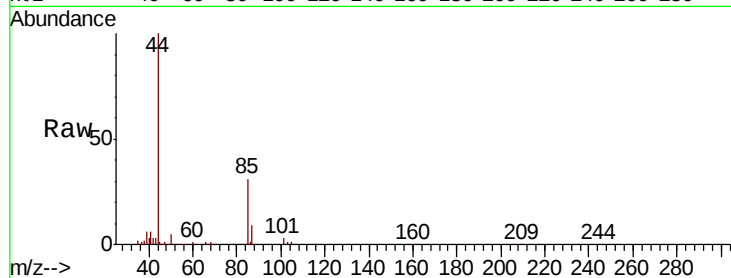
249-BERRYDL

Tgt Ion: 85 Resp: 39571

Ion Ratio Lower Upper

85 100

135 0.9 48.6 72.8#



#9

Propene

Concen: 26.268 ppbv

RT: 3.06 min Scan# 39

Delta R.T. -0.01 min

Lab File: VL032495.D

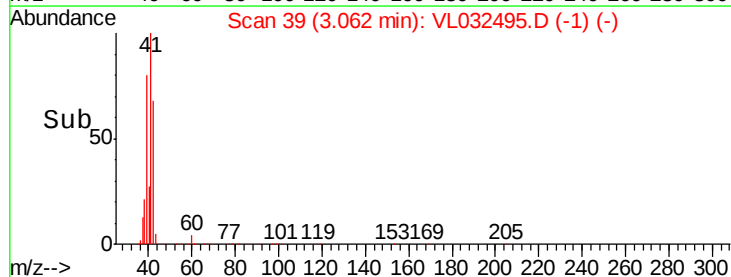
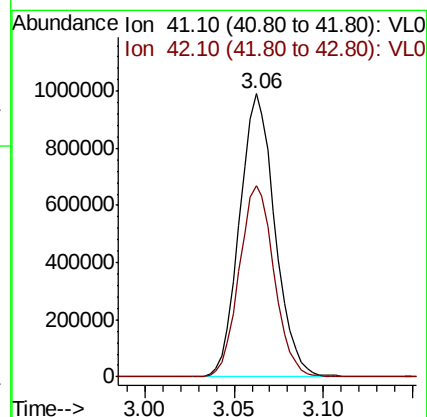
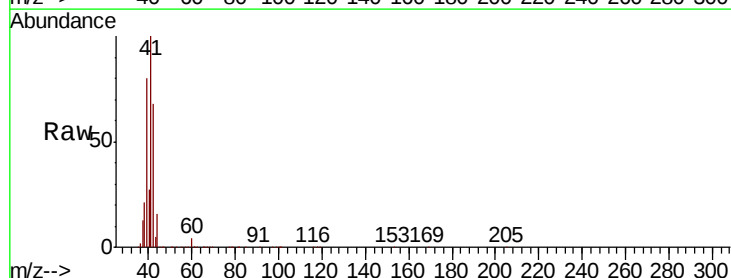
Acq: 11 Sep 2018 2:00

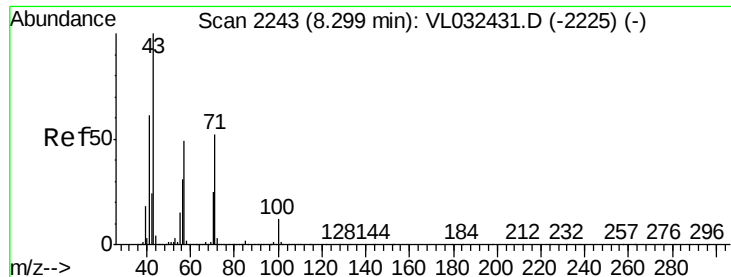
Tgt Ion: 41 Resp: 1369029

Ion Ratio Lower Upper

41 100

42 66.9 56.6 84.8

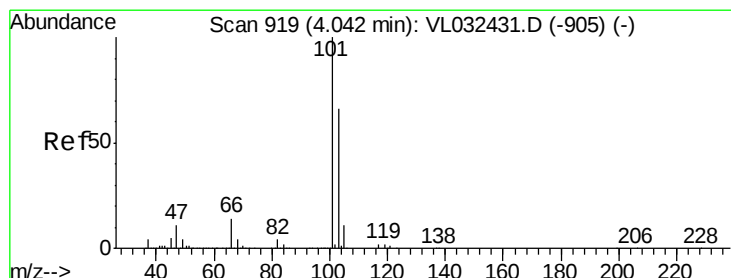
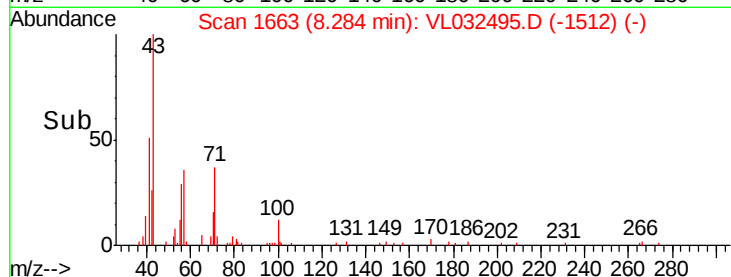
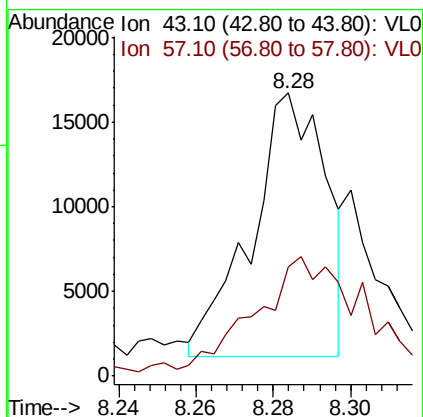
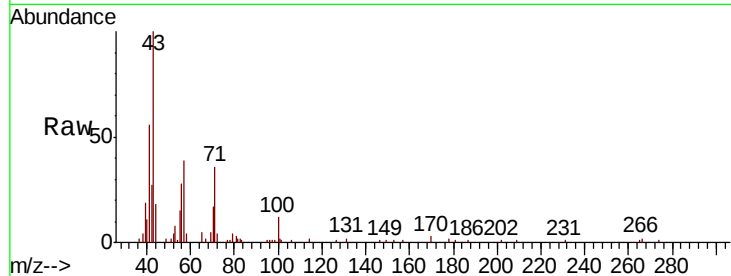




#10
 Heptane
 Concen: 0.112 ppbv
 RT: 8.28 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: VL032495.D
 Acq: 11 Sep 2018 2:00

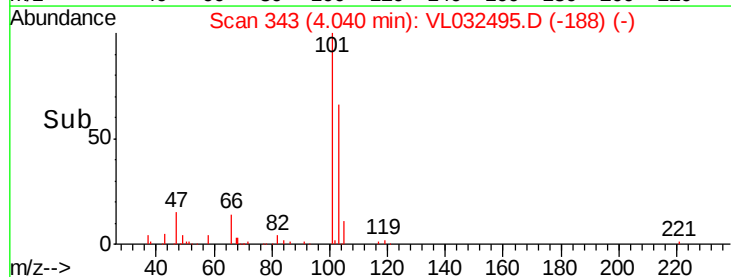
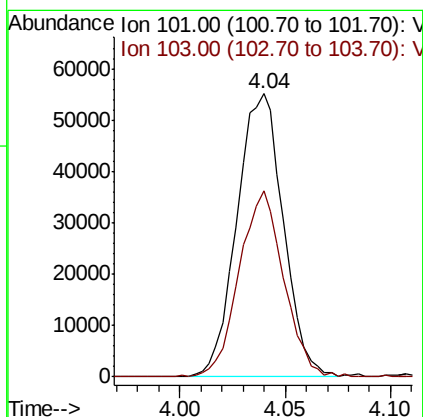
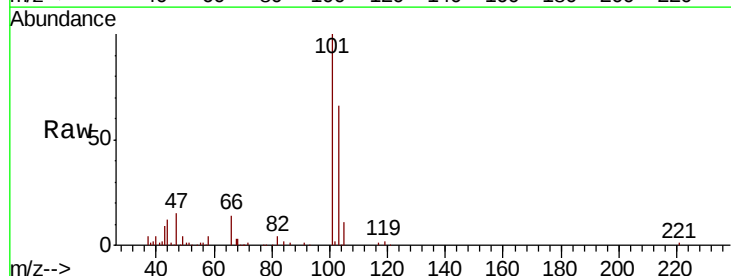
Instrument :
 MSVOA_L
 ClientSampleId :
 249-BERRYDL

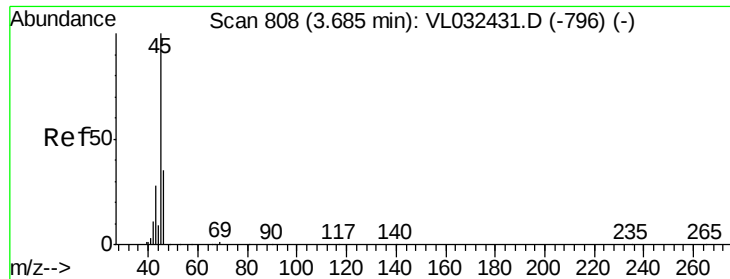
Tgt Ion: 43 Resp: 20878
 Ion Ratio Lower Upper
 43 100
 57 77.6 39.6 59.4#



#11
 Trichlorofluoromethane
 Concen: 0.512 ppbv
 RT: 4.04 min Scan# 343
 Delta R.T. -0.00 min
 Lab File: VL032495.D
 Acq: 11 Sep 2018 2:00

Tgt Ion: 101 Resp: 84330
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.8 79.2





#13

Ethanol

Concen: 11.764 ppbv

RT: 3.69 min Scan# 233

Delta R.T. 0.00 min

Lab File: VL032495.D

Acq: 11 Sep 2018 2:00

Instrument :

MSVOA_L

ClientSampleId :

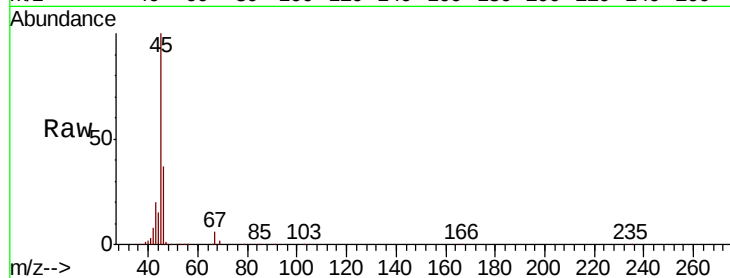
249-BERRYDL

Tgt Ion: 45 Resp: 191114

Ion Ratio Lower Upper

45 100

46 36.4 14.2 56.8



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

3.69

100000

80000

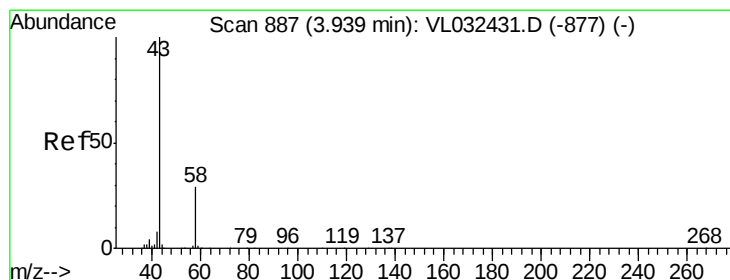
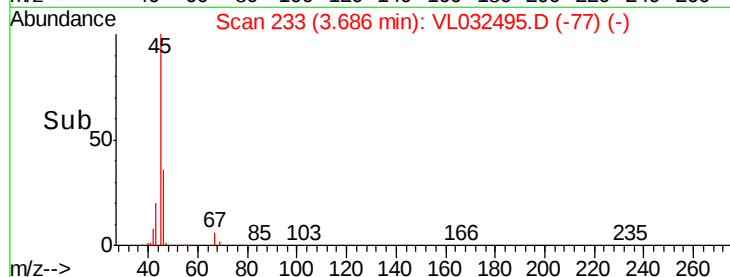
60000

40000

20000

0

Time-->



#15

Acetone

Concen: 21.540 ppbv

RT: 3.93 min Scan# 309

Delta R.T. -0.01 min

Lab File: VL032495.D

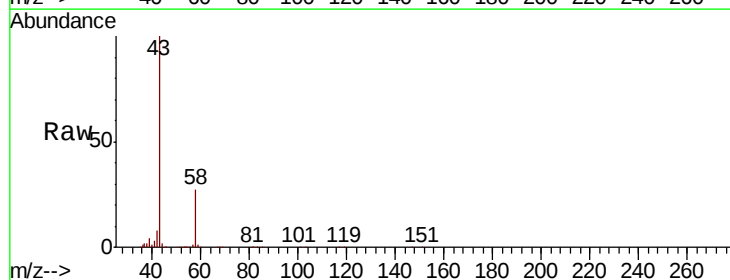
Acq: 11 Sep 2018 2:00

Tgt Ion: 43 Resp: 2768612

Ion Ratio Lower Upper

43 100

58 47.1 22.6 33.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.93

2000000

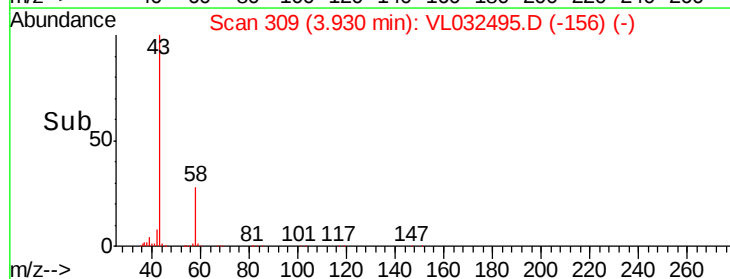
1500000

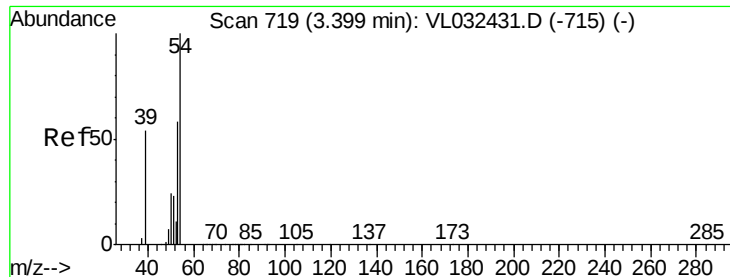
1000000

500000

0

Time-->

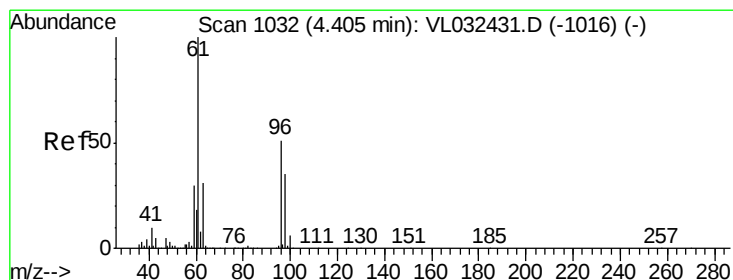
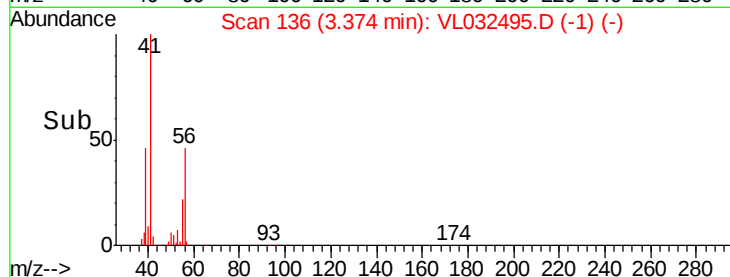
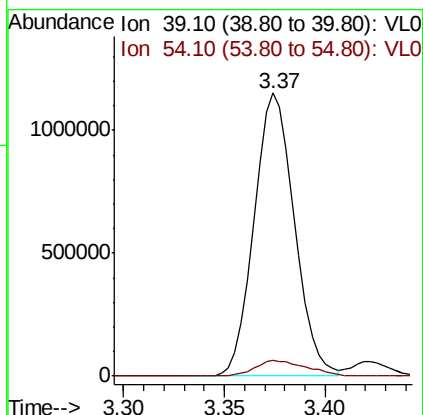
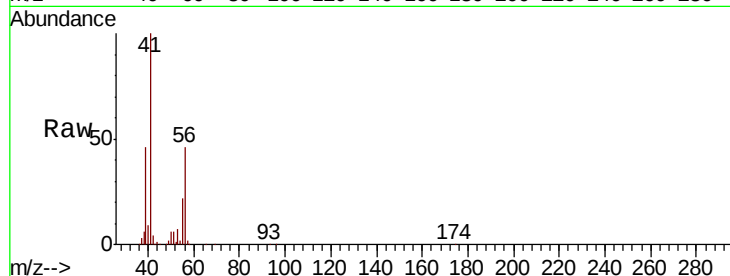




#16
 1,3-Butadiene
 Concen: 26.617 ppbv
 RT: 3.37 min Scan# 136
 Delta R.T. -0.02 min
 Lab File: VL032495.D
 Acq: 11 Sep 2018 2:00

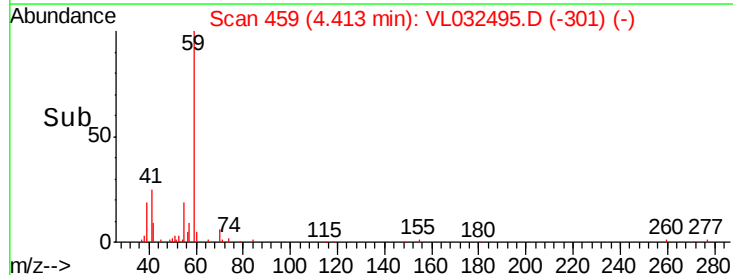
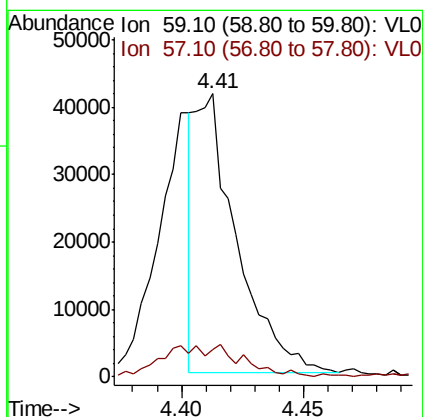
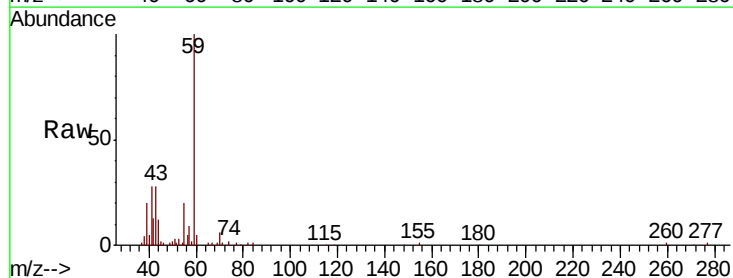
Instrument :
 MSVOA_L
 ClientSampleId :
 249-BERRYDL

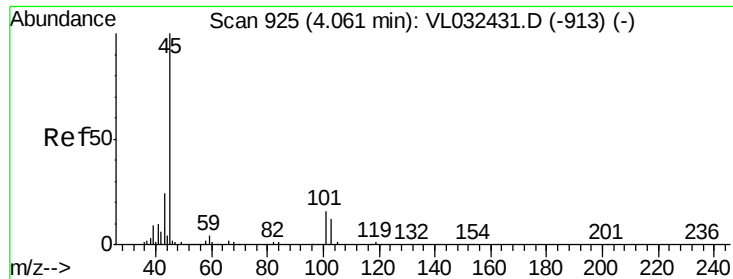
Tgt Ion: 39 Resp: 1609892
 Ion Ratio Lower Upper
 39 100
 54 7.2 80.8 121.2#



#17
 tert-Butyl alcohol
 Concen: 2.459 ppbv
 RT: 4.41 min Scan# 459
 Delta R.T. 0.01 min
 Lab File: VL032495.D
 Acq: 11 Sep 2018 2:00

Tgt Ion: 59 Resp: 48633
 Ion Ratio Lower Upper
 59 100
 57 23.4 0.0 0.0#

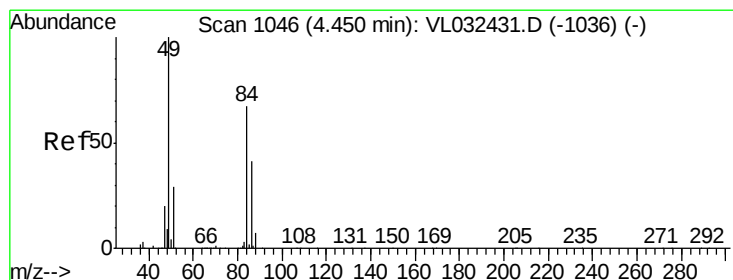
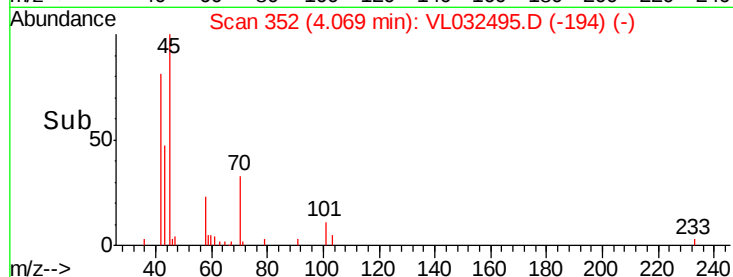
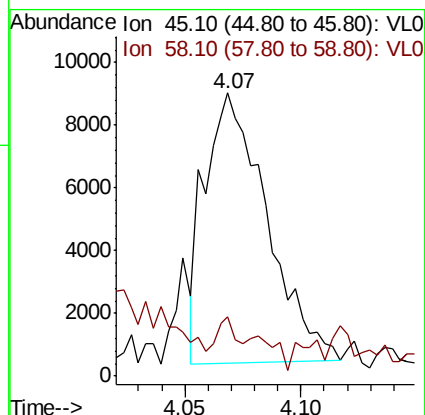
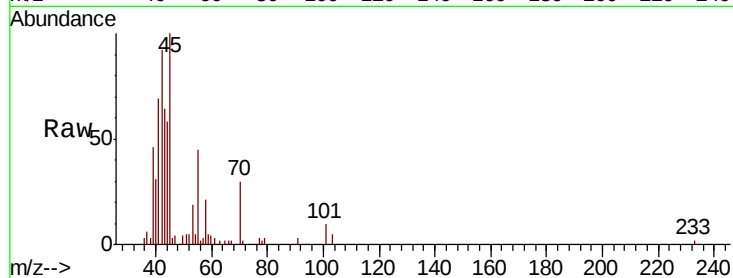




#19
Isopropyl Alcohol
Concen: 0.189 ppbv
RT: 4.07 min Scan# 352
Delta R.T. 0.01 min
Lab File: VL032495.D
Acq: 11 Sep 2018 2:00

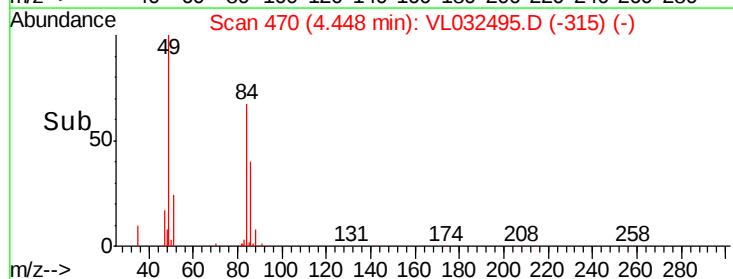
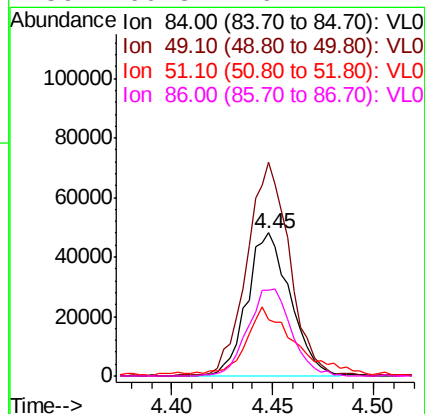
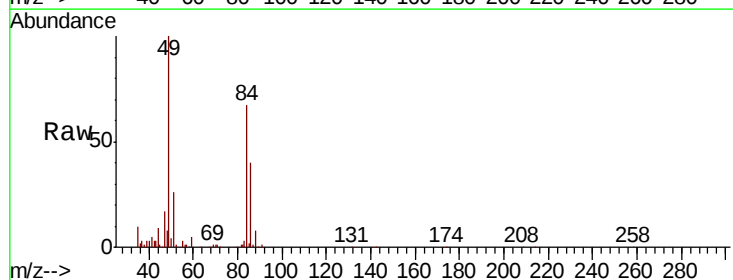
Instrument :
MSVOA_L
ClientSampleId :
249-BERRYDL

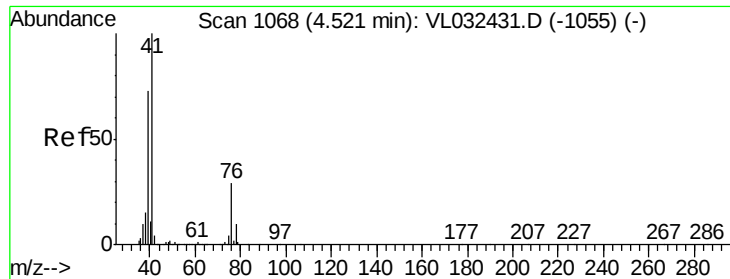
Tgt Ion: 45 Resp: 15960
Ion Ratio Lower Upper
45 100
58 0.0 2.0 3.0#



#20
Methylene Chloride
Concen: 1.474 ppbv
RT: 4.45 min Scan# 470
Delta R.T. -0.00 min
Lab File: VL032495.D
Acq: 11 Sep 2018 2:00

Tgt Ion: 84 Resp: 72255
Ion Ratio Lower Upper
84 100
49 148.6 119.1 178.7
51 37.1 35.2 52.8
86 60.3 49.4 74.2

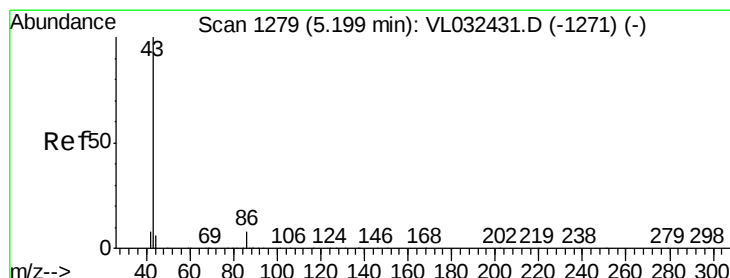
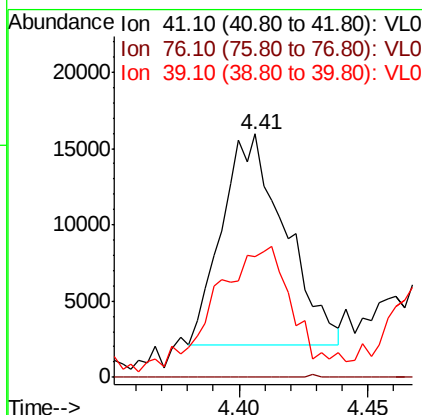
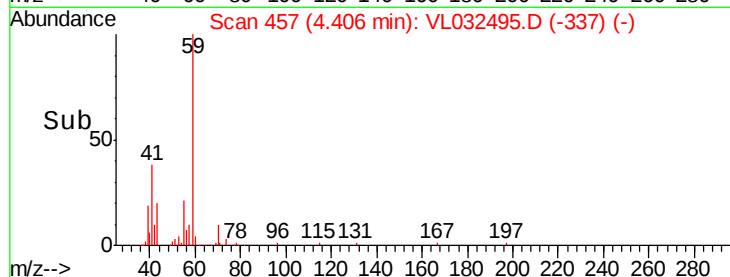
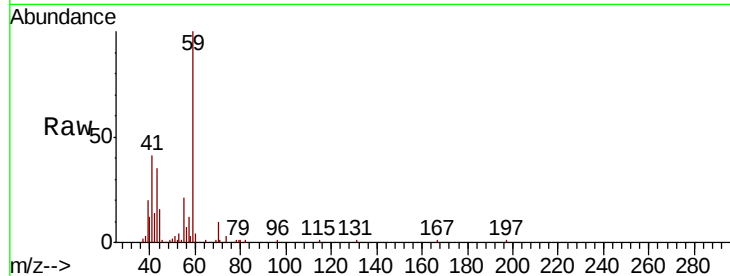




#21
 Allyl Chloride
 Concen: 0.276 ppbv
 RT: 4.41 min Scan# 457
 Delta R.T. -0.11 min
 Lab File: VL032495.D
 Acq: 11 Sep 2018 2:00

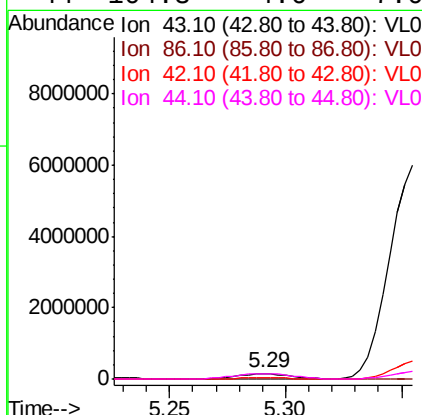
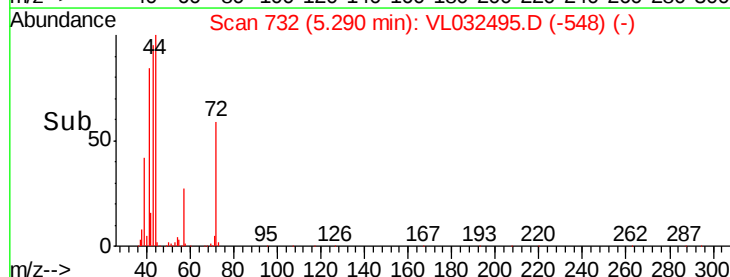
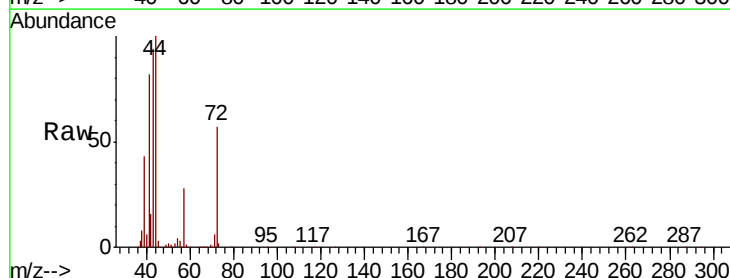
Instrument :
 MSVOA_L
 ClientSampleId :
 249-BERRYDL

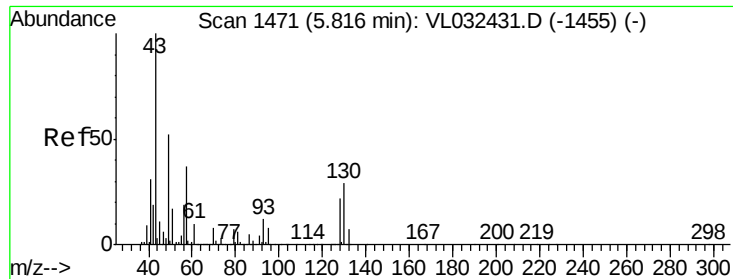
Tgt Ion:	41	Resp:	23587
Ion	Ratio	Lower	Upper
41	100		
76	0.0	23.6	35.4#
39	0.0	57.7	86.5#



#23
 Vinyl Acetate
 Concen: 1.099 ppbv
 RT: 5.29 min Scan# 732
 Delta R.T. 0.09 min
 Lab File: VL032495.D
 Acq: 11 Sep 2018 2:00

Tgt Ion:	43	Resp:	234193
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.9	8.9#
42	16.6	6.9	10.3#
44	104.3	4.6	7.0#

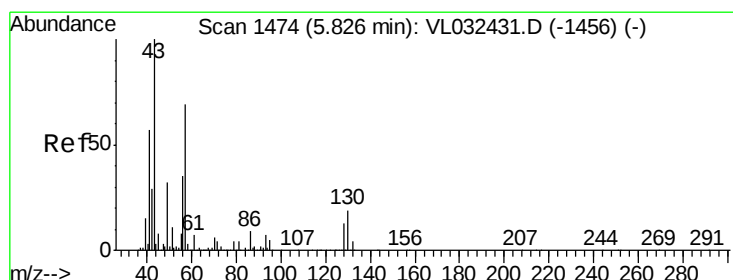
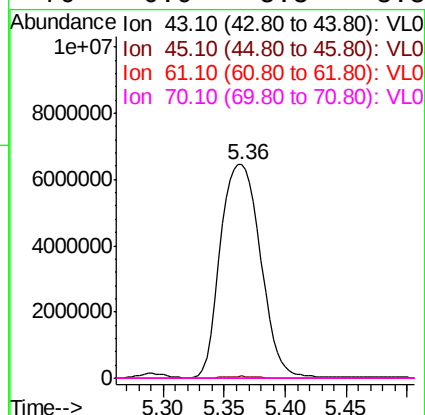
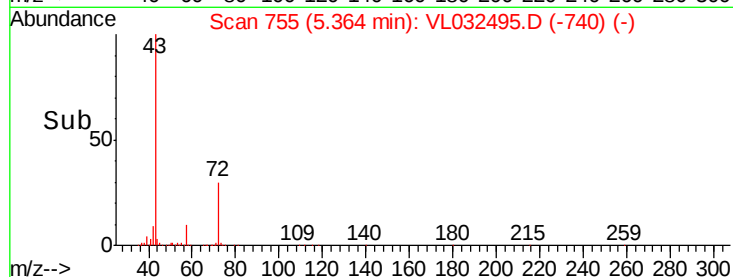
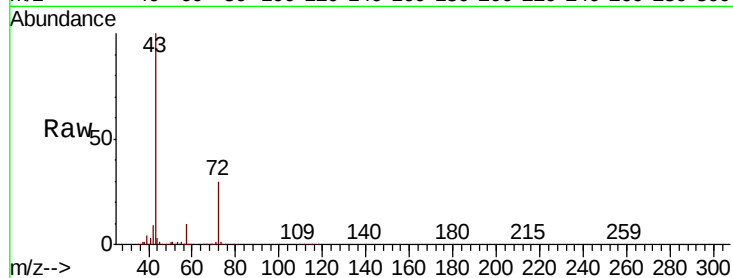




#25
Ethyl Acetate
Concen: 49.093 ppbv
RT: 5.36 min Scan# 755
Delta R.T. -0.45 min
Lab File: VL032495.D
Acq: 11 Sep 2018 2:00

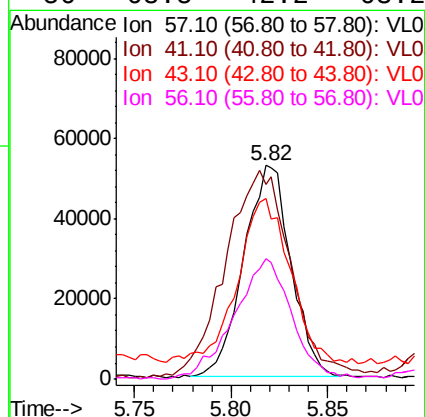
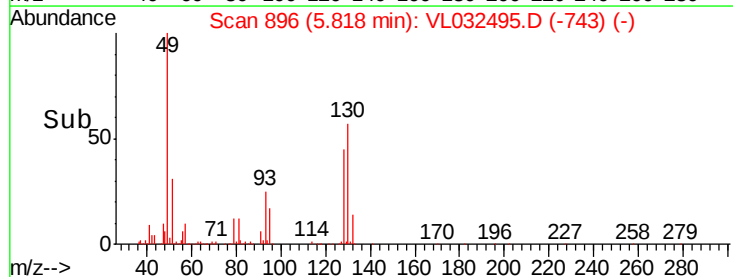
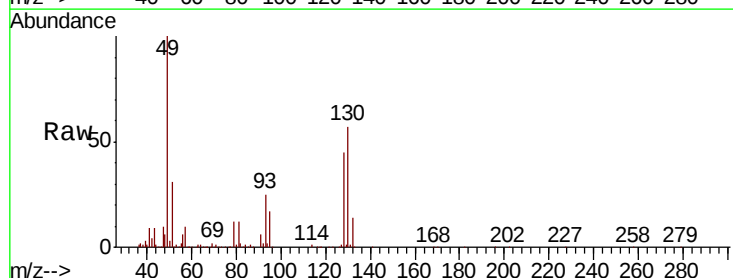
Instrument :
MSVOA_L
ClientSampleId :
249-BERRYDL

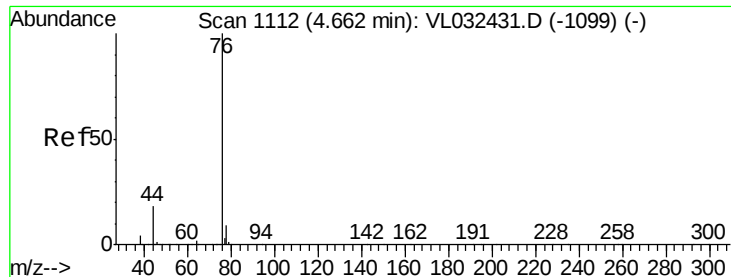
Tgt Ion: 43 Resp:14901156
Ion Ratio Lower Upper
43 100
45 0.8 8.0 12.0#
61 0.0 7.6 11.4#
70 0.0 5.8 8.8#



#26
Hexane
Concen: 0.655 ppbv
RT: 5.82 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL032495.D
Acq: 11 Sep 2018 2:00

Tgt Ion: 57 Resp: 88987
Ion Ratio Lower Upper
57 100
41 137.6 69.0 103.4#
43 0.0 172.1 258.1#
56 68.5 42.2 63.2#

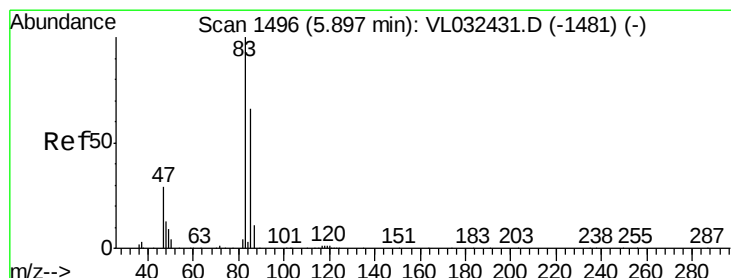
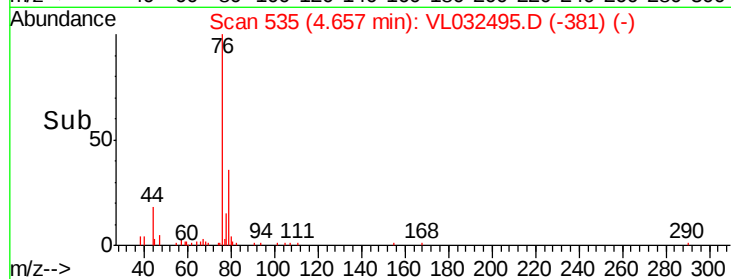
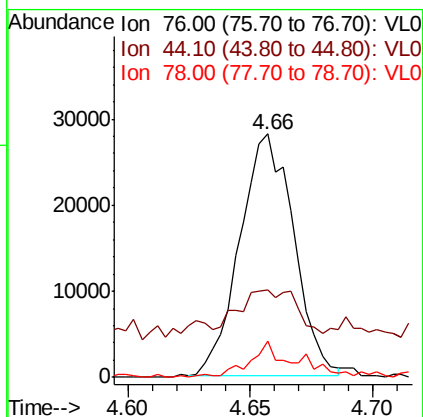
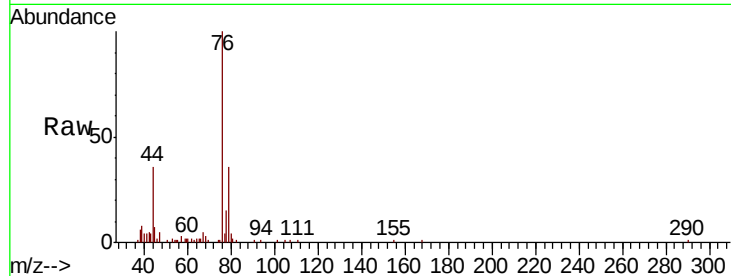




#27
Carbon Disulfide
Concen: 0.341 ppbv
RT: 4.66 min Scan# 535
Delta R.T. -0.01 min
Lab File: VL032495.D
Acq: 11 Sep 2018 2:00

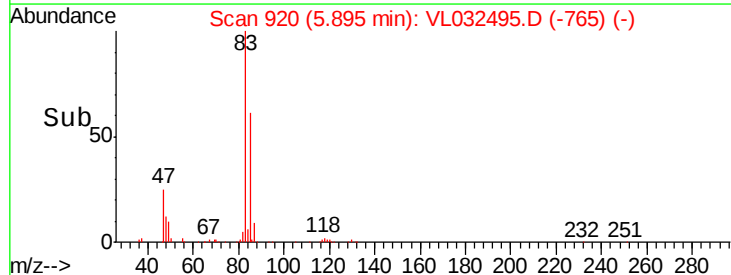
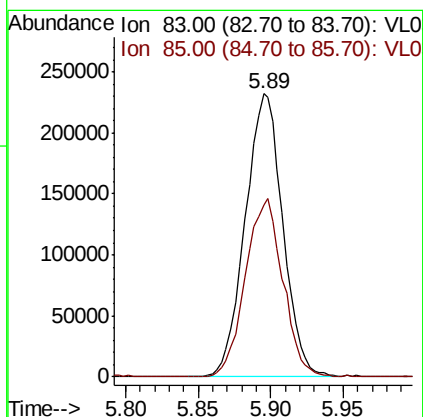
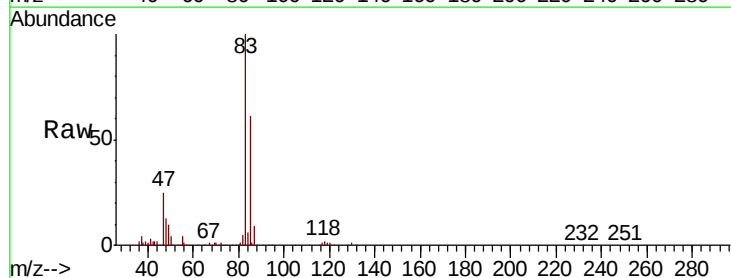
Instrument :
MSVOA_L
ClientSampleId :
249-BERRYDL

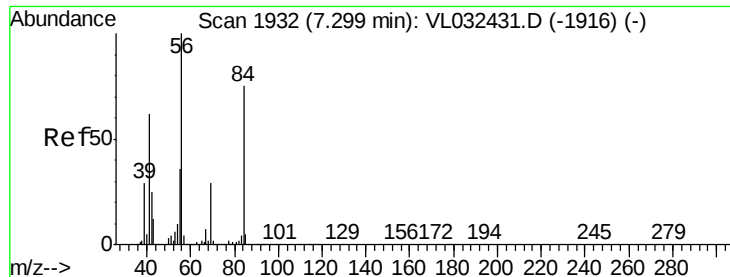
Tgt Ion: 76 Resp: 42768
Ion Ratio Lower Upper
76 100
44 46.6 14.0 21.0#
78 13.9 7.5 11.3#



#29
Chloroform
Concen: 2.020 ppbv
RT: 5.89 min Scan# 920
Delta R.T. -0.00 min
Lab File: VL032495.D
Acq: 11 Sep 2018 2:00

Tgt Ion: 83 Resp: 418594
Ion Ratio Lower Upper
83 100
85 60.6 52.5 78.7

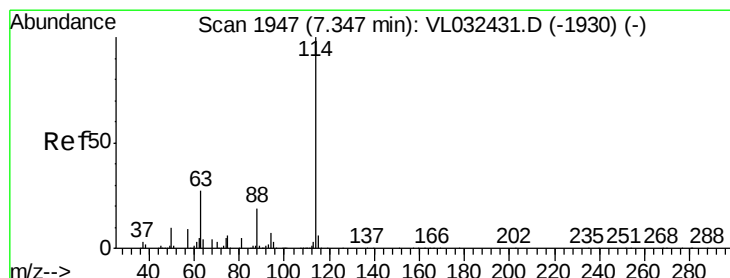
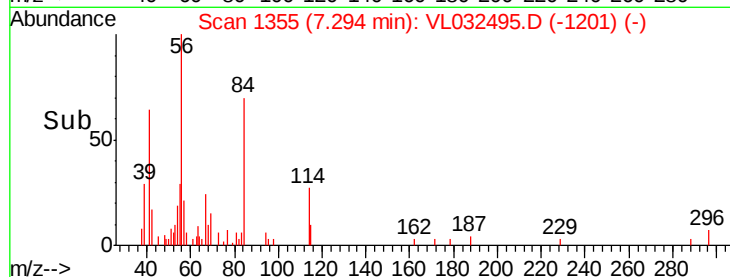
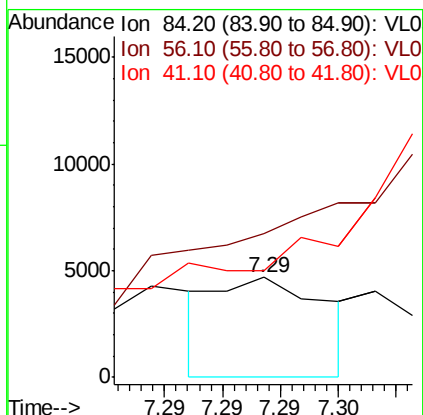
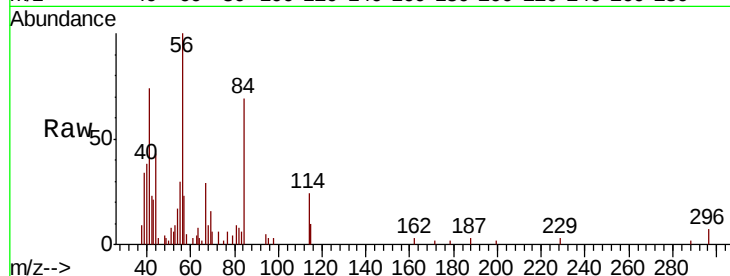




#30
Cyclohexane
Concen: 0.031 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL032495.D
Acq: 11 Sep 2018 2:00

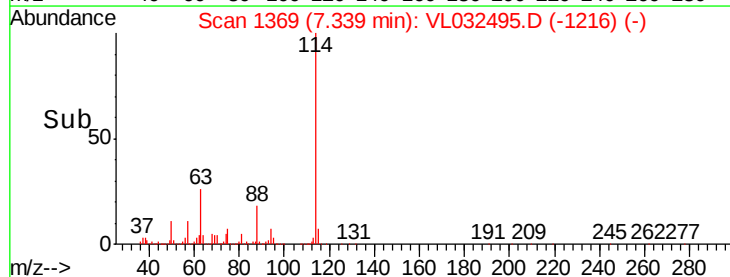
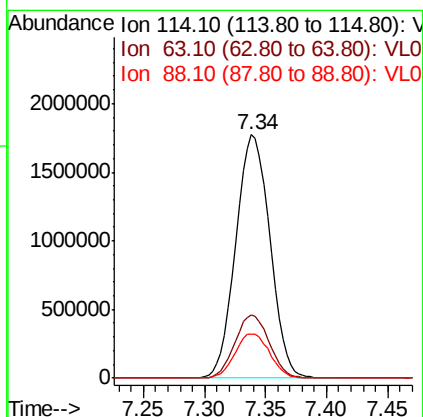
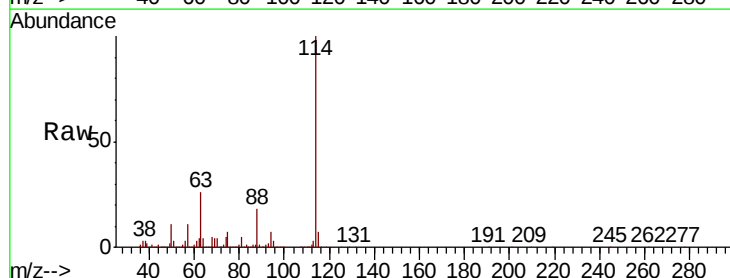
Instrument :
MSVOA_L
ClientSampleId :
249-BERRYDL

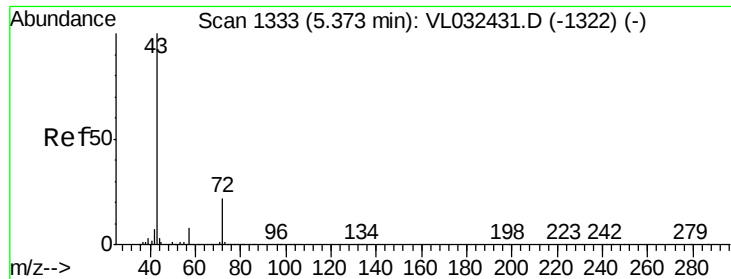
Tgt Ion: 84 Resp: 3076
Ion Ratio Lower Upper
84 100
56 0.0 113.5 170.3#
41 0.0 68.1 102.1#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.34 min Scan# 1369
Delta R.T. -0.01 min
Lab File: VL032495.D
Acq: 11 Sep 2018 2:00

Tgt Ion: 114 Resp: 3437396
Ion Ratio Lower Upper
114 100
63 26.0 22.2 33.4
88 18.5 15.0 22.4

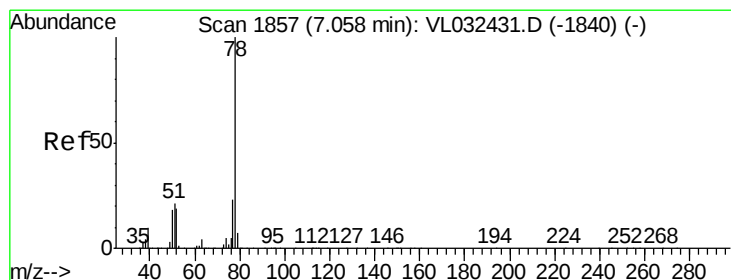
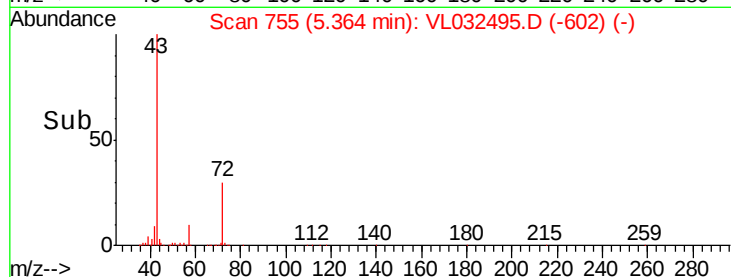
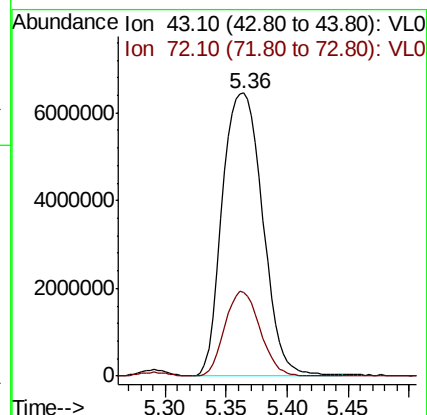
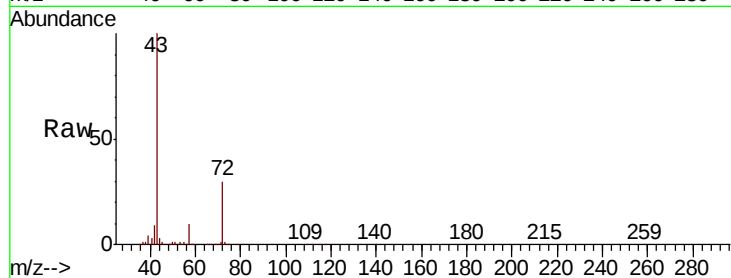




#34
2-Butanone
Concen: 65.264 ppbv
RT: 5.36 min Scan# 755
Delta R.T. -0.01 min
Lab File: VL032495.D
Acq: 11 Sep 2018 2:00

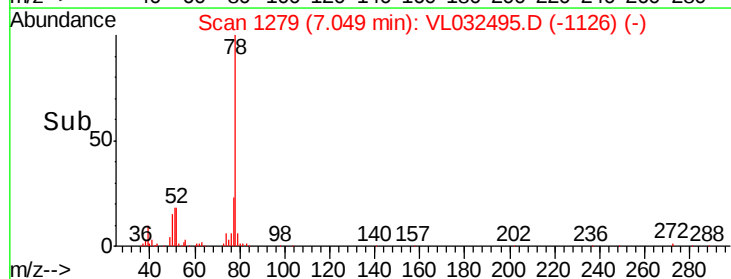
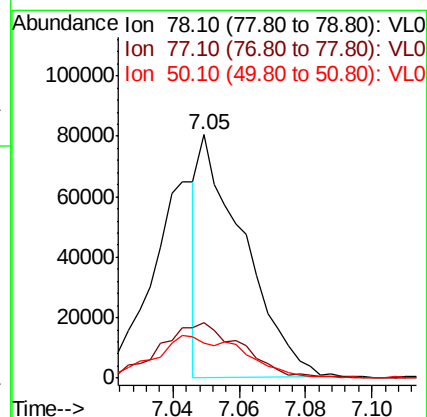
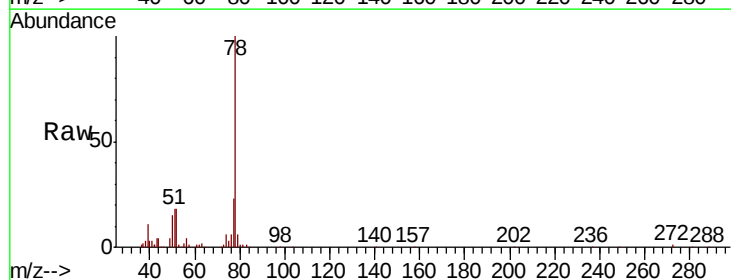
Instrument :
MSVOA_L
ClientSampleId :
249-BERRYDL

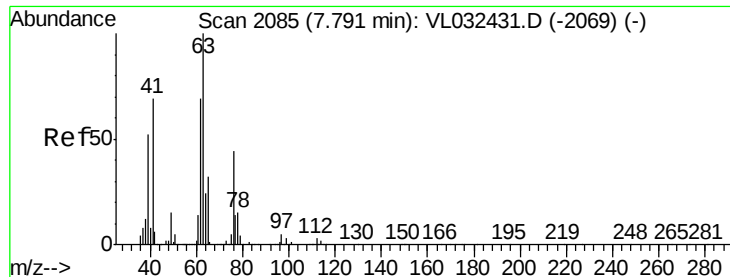
Tgt Ion: 43 Resp:14901156
Ion Ratio Lower Upper
43 100
72 26.4 17.8 26.6



#36
Benzene
Concen: 0.257 ppbv
RT: 7.05 min Scan# 1279
Delta R.T. -0.01 min
Lab File: VL032495.D
Acq: 11 Sep 2018 2:00

Tgt Ion: 78 Resp: 75217
Ion Ratio Lower Upper
78 100
77 22.1 18.4 27.6
50 14.6 14.4 21.6





#39

1,2-Dichloropropane

Concen: 7.115 ppbv

RT: 7.34 min Scan# 1369

Delta R.T. -0.45 min

Lab File: VL032495.D

Acq: 11 Sep 2018 2:00

Instrument :

MSVOA_L

ClientSampleId :

249-BERRYDL

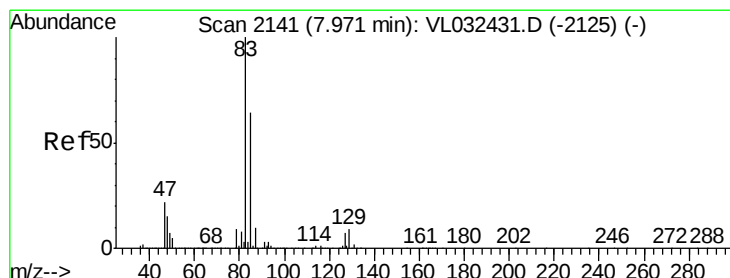
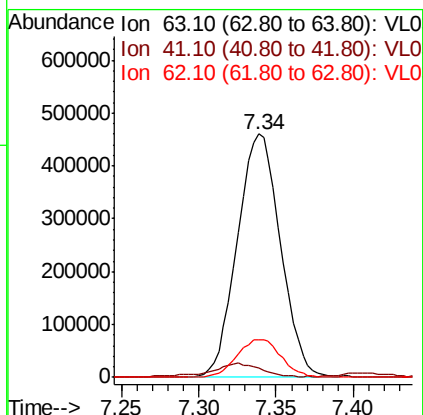
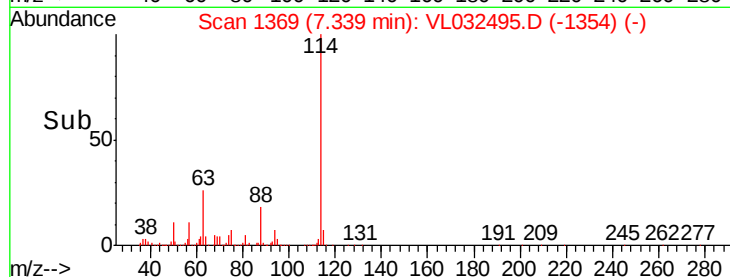
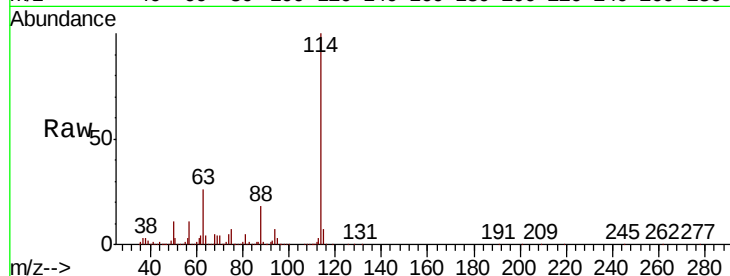
Tgt Ion: 63 Resp: 890470

Ion Ratio Lower Upper

63 100

41 3.1 55.4 83.0#

62 15.2 55.4 83.0#



#42

Bromodichloromethane

Concen: 0.110 ppbv

RT: 7.97 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VL032495.D

Acq: 11 Sep 2018 2:00

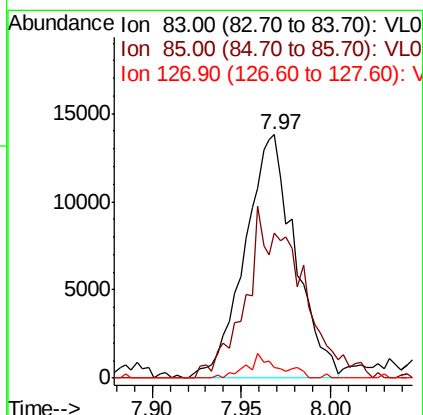
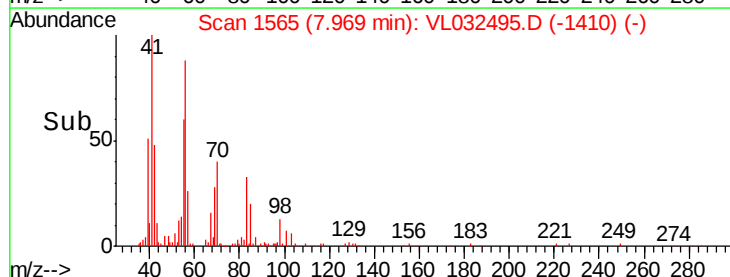
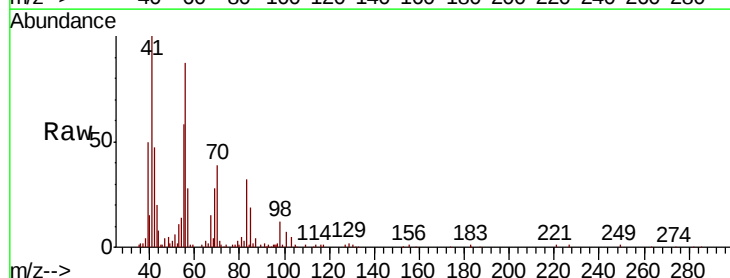
Tgt Ion: 83 Resp: 27101

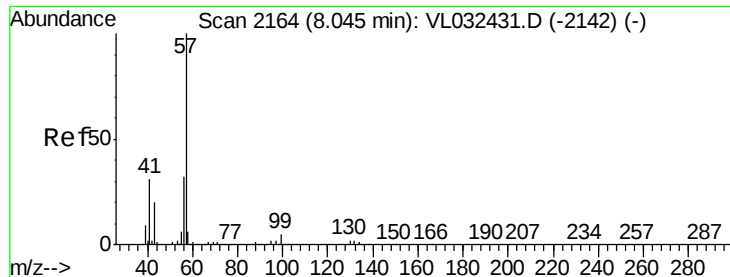
Ion Ratio Lower Upper

83 100

85 59.5 51.1 76.7

127 4.3 5.8 8.8#

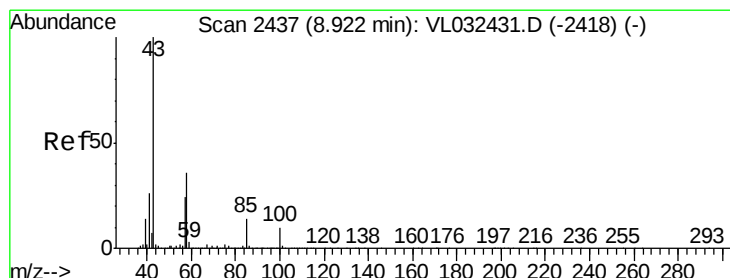
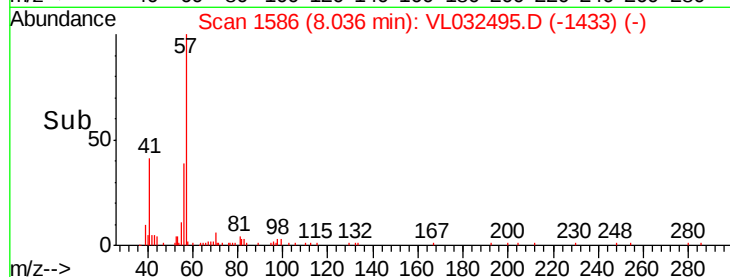
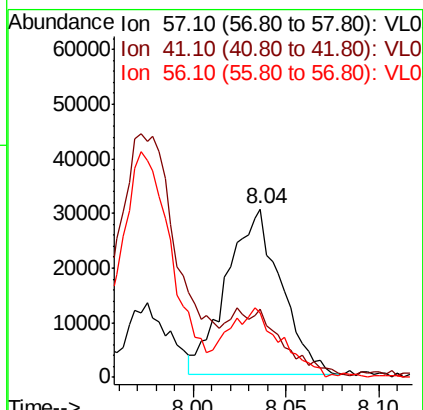
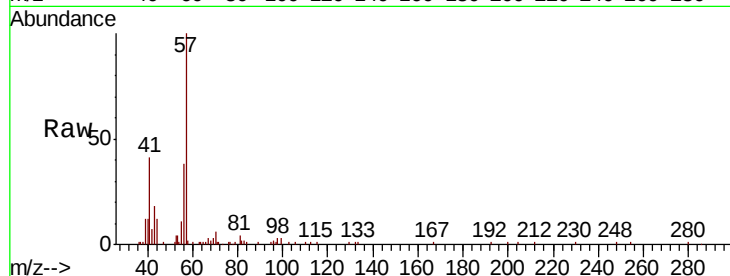




#44
 2,2,4-Trimethylpentane
 Concen: 0.109 ppbv
 RT: 8.04 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: VL032495.D
 Acq: 11 Sep 2018 2:00

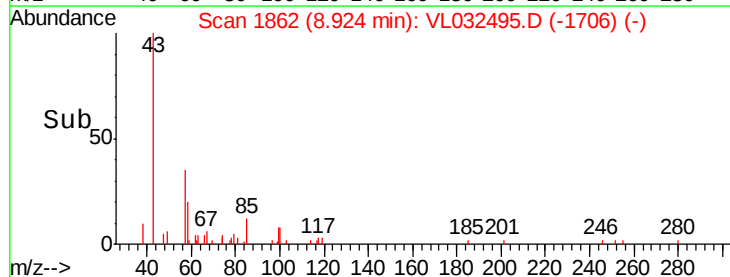
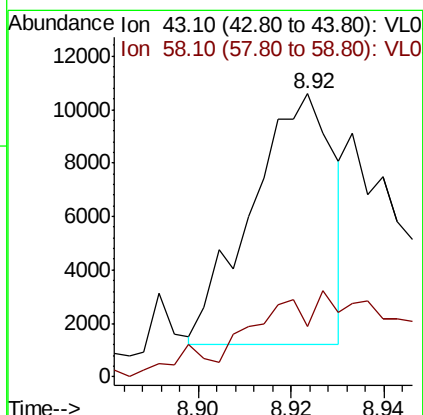
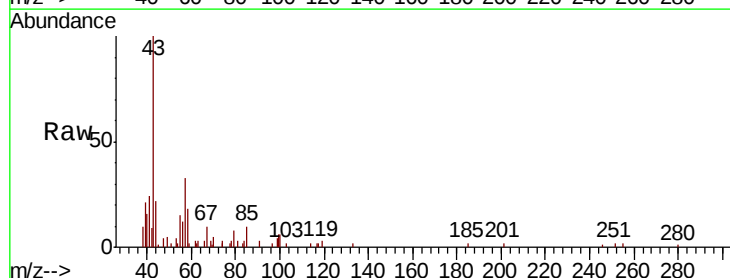
Instrument :
 MSVOA_L
 ClientSampleId :
 249-BERRYDL

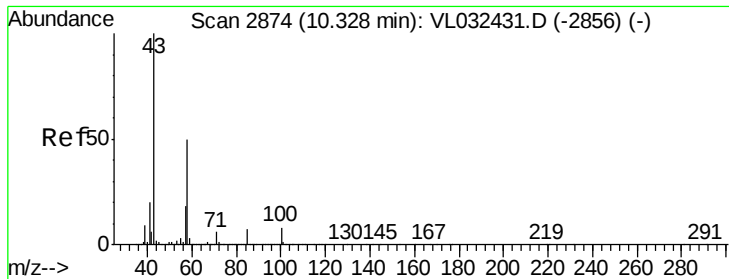
Tgt Ion: 57 Resp: 61406
 Ion Ratio Lower Upper
 57 100
 41 35.8 24.4 36.6
 56 43.0 25.7 38.5#



#50
 4-Methyl-2-Pentanone
 Concen: 0.033 ppbv
 RT: 8.92 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VL032495.D
 Acq: 11 Sep 2018 2:00

Tgt Ion: 43 Resp: 11514
 Ion Ratio Lower Upper
 43 100
 58 64.5 29.0 43.4#





#51

2-Hexanone

Concen: 12.109 ppbv

RT: 10.31 min Scan# 2294

Delta R.T. -0.01 min

Lab File: VL032495.D

Acq: 11 Sep 2018 2:00

Instrument :

MSVOA_L

ClientSampleId :

249-BERRYDL

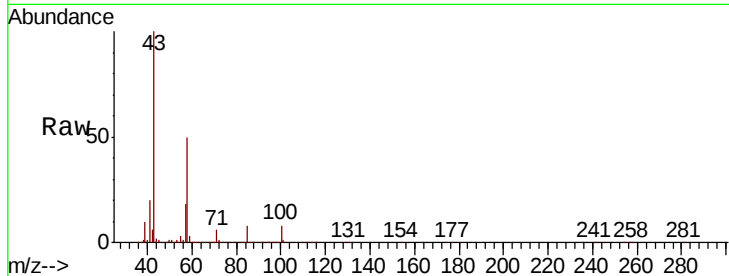
Tgt Ion: 43 Resp: 2682585

Ion Ratio Lower Upper

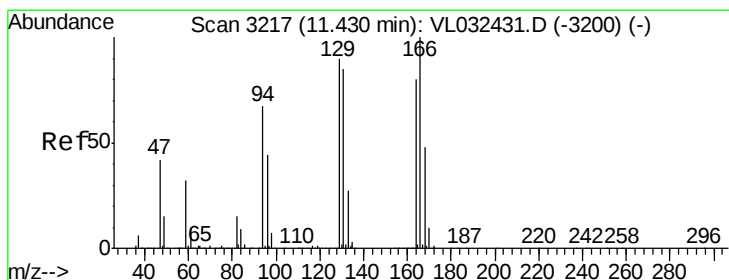
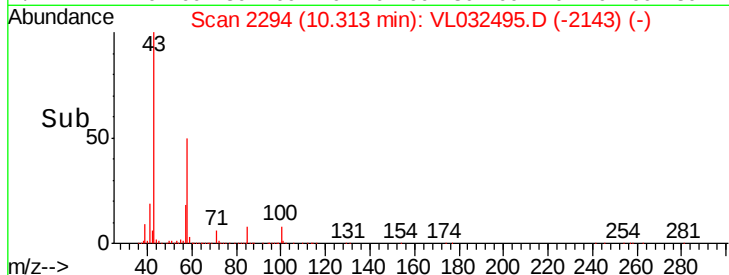
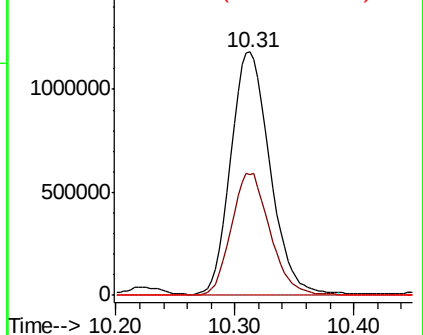
43 100

58 49.9 39.2 58.8

98 0.2 0.4 0.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0



#52

Tetrachloroethene

Concen: 0.043 ppbv

RT: 11.41 min Scan# 2636

Delta R.T. -0.02 min

Lab File: VL032495.D

Acq: 11 Sep 2018 2:00

Tgt Ion: 164 Resp: 3868

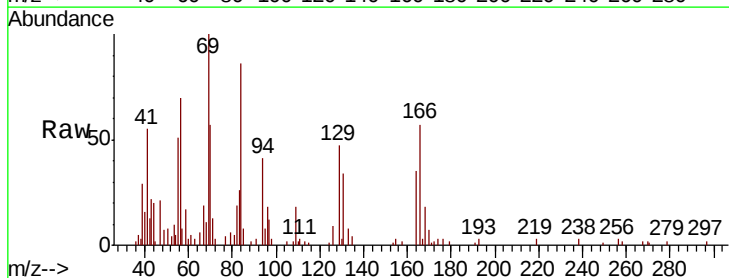
Ion Ratio Lower Upper

164 100

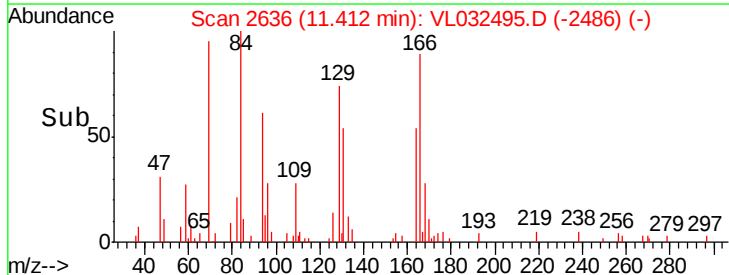
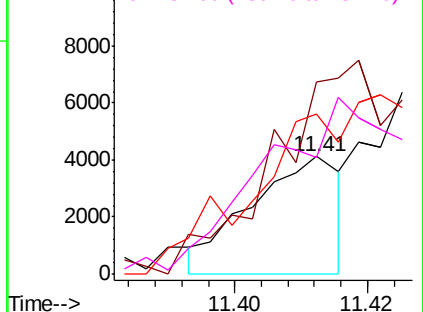
166 167.9 100.6 150.8#

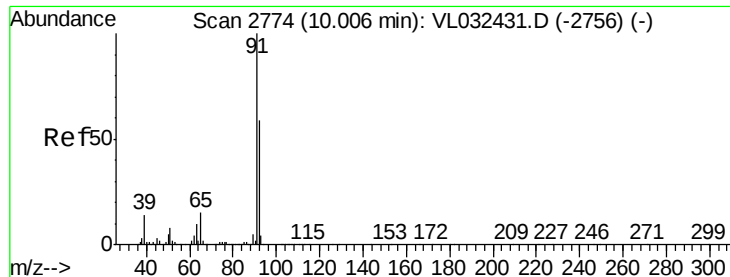
129 136.9 89.9 134.9#

131 98.9 85.9 128.9



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 0.361 ppbv

RT: 9.99 min Scan# 2194

Delta R.T. -0.01 min

Lab File: VL032495.D

Acq: 11 Sep 2018 2:00

Instrument :

MSVOA_L

ClientSampleId :

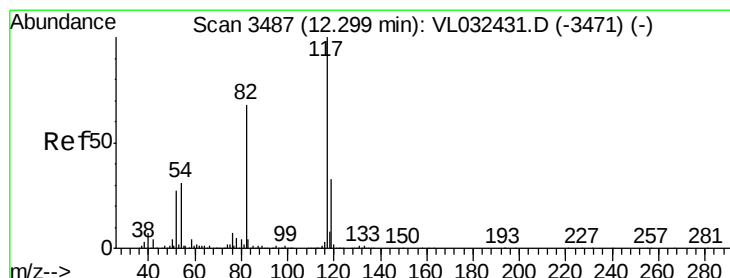
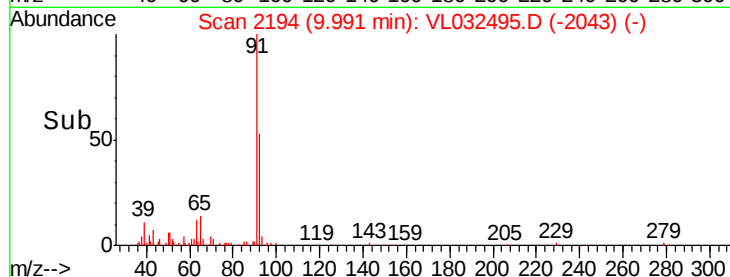
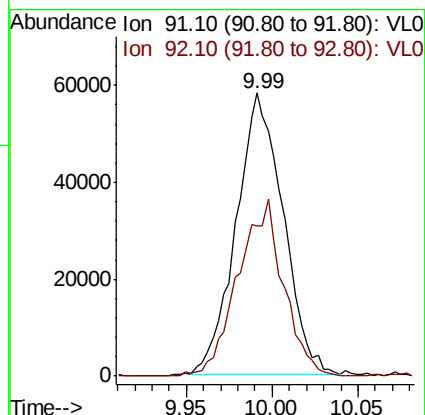
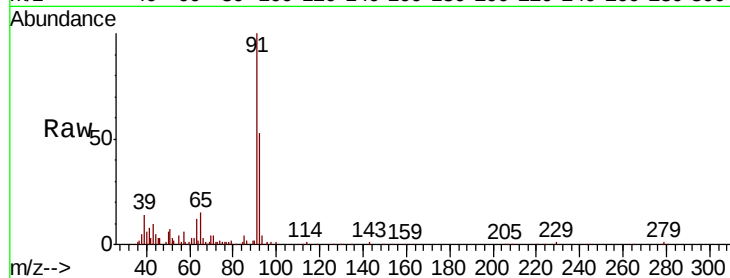
249-BERRYDL

Tgt Ion: 91 Resp: 110520

Ion Ratio Lower Upper

91 100

92 60.7 48.1 72.1



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.29 min Scan# 2908

Delta R.T. -0.01 min

Lab File: VL032495.D

Acq: 11 Sep 2018 2:00

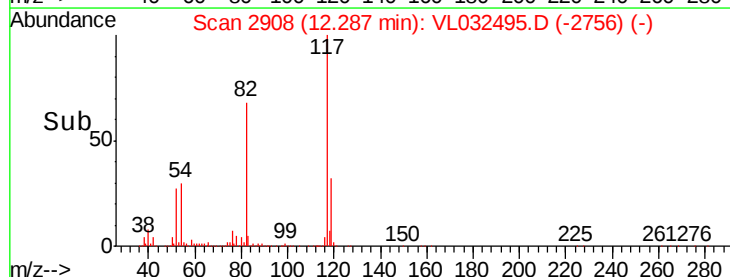
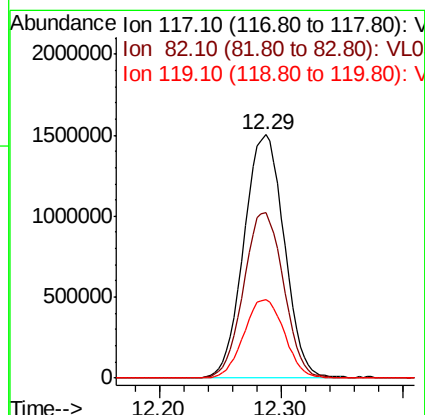
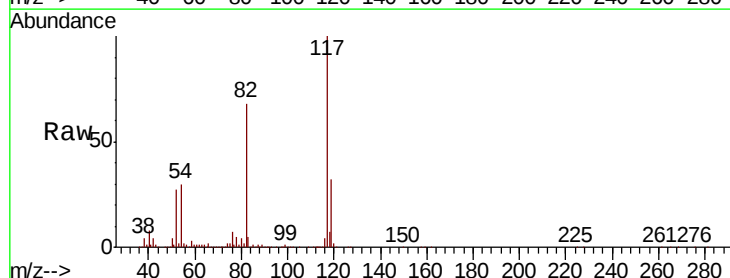
Tgt Ion: 117 Resp: 3428376

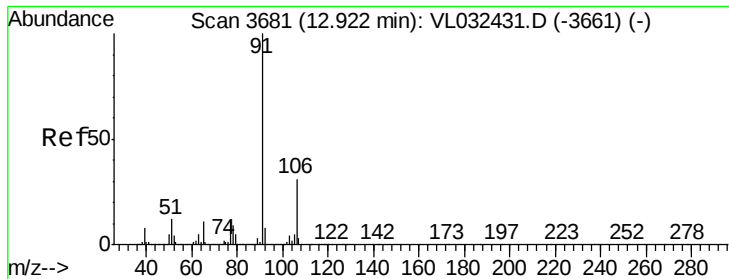
Ion Ratio Lower Upper

117 100

82 68.0 53.0 79.6

119 32.6 45.9 68.9#





#58

Ethyl Benzene

Concen: 0.110 ppbv

RT: 12.91 min Scan# 3103

Delta R.T. -0.01 min

Lab File: VL032495.D

Acq: 11 Sep 2018 2:00

Instrument :

MSVOA_L

ClientSampleId :

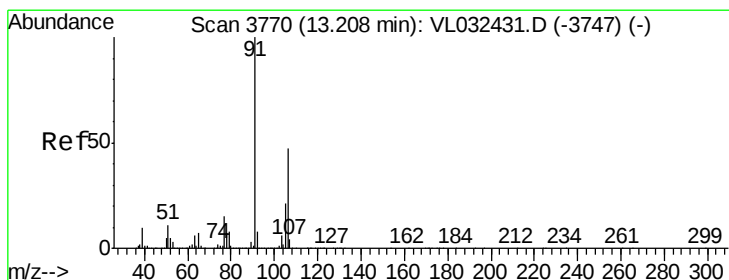
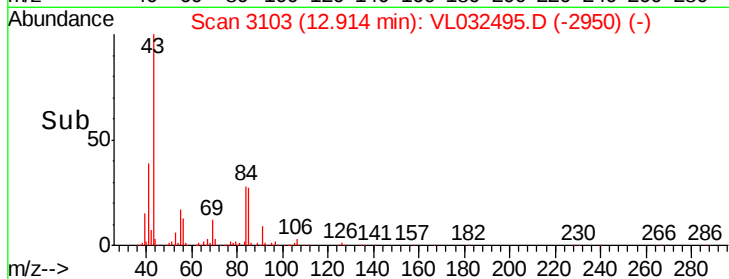
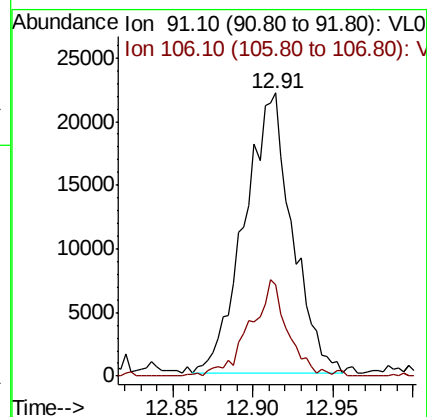
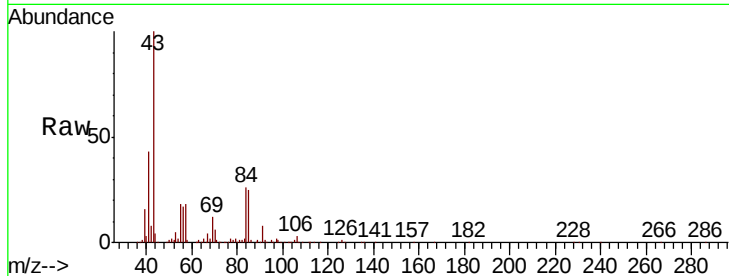
249-BERRYDL

Tgt Ion: 91 Resp: 45256

Ion Ratio Lower Upper

91 100

106 31.5 24.8 37.2



#59

m/p-Xylene

Concen: 0.040 ppbv

RT: 13.20 min Scan# 3192

Delta R.T. -0.01 min

Lab File: VL032495.D

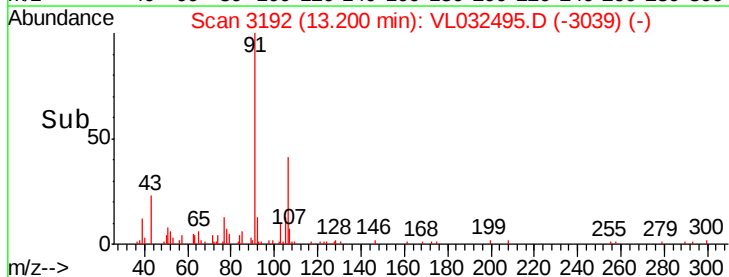
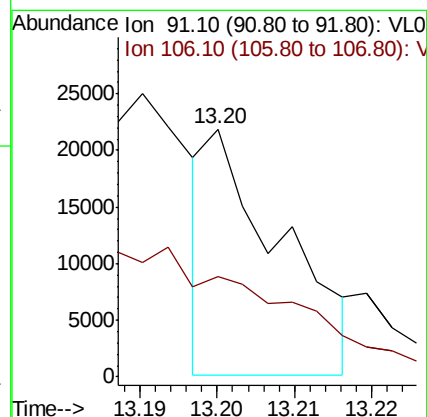
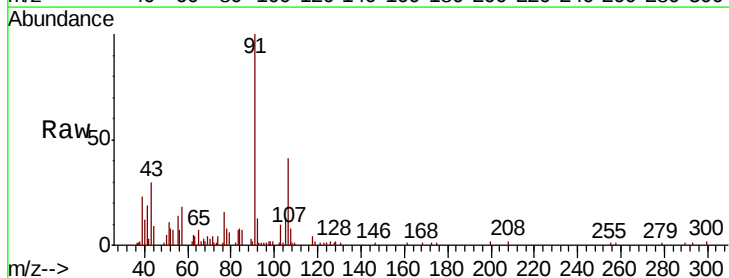
Acq: 11 Sep 2018 2:00

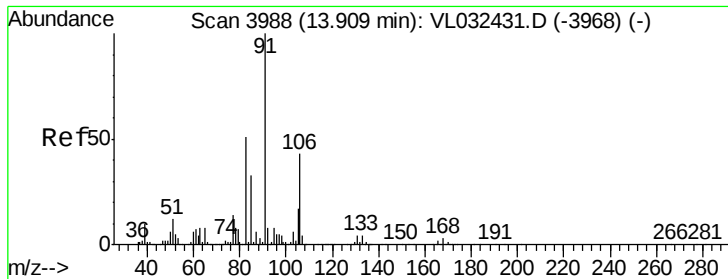
Tgt Ion: 91 Resp: 14647

Ion Ratio Lower Upper

91 100

106 0.0 36.6 55.0#





#60

o-Xylene

Concen: 0.106 ppbv

RT: 13.89 min Scan# 3408

Delta R.T. -0.01 min

Lab File: VL032495.D

Acq: 11 Sep 2018 2:00

Instrument :

MSVOA_L

ClientSampleId :

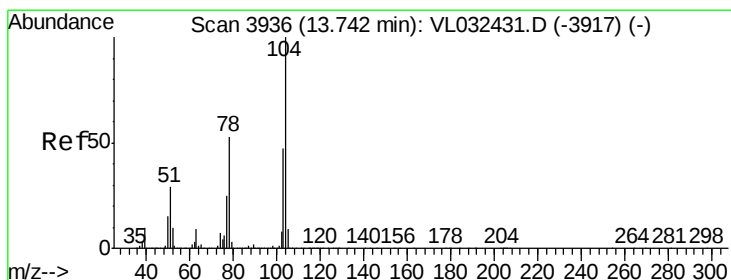
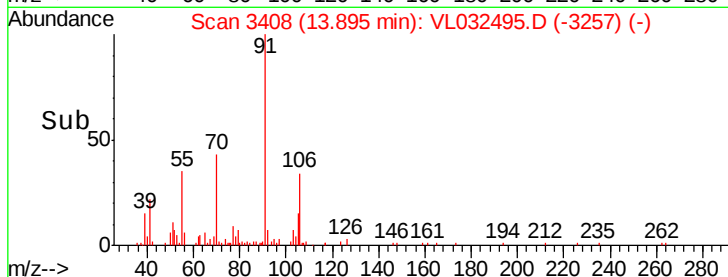
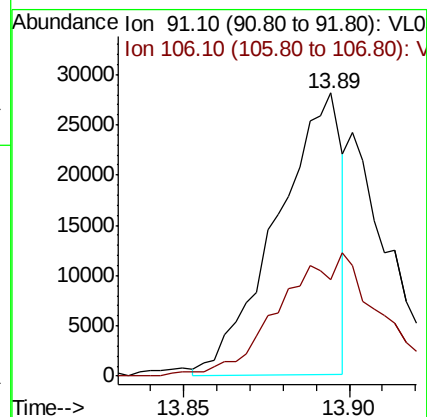
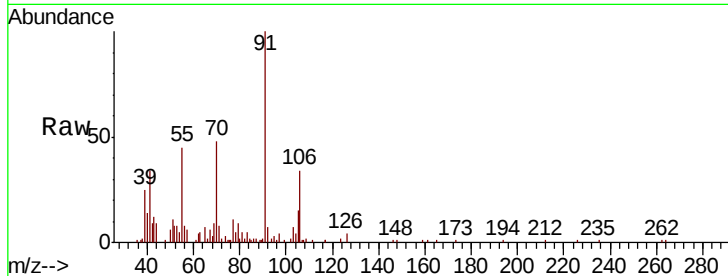
249-BERRYDL

Tgt Ion: 91 Resp: 37912

Ion Ratio Lower Upper

91 100

106 0.0 21.9 65.7#



#61

Styrene

Concen: 0.124 ppbv

RT: 13.73 min Scan# 3357

Delta R.T. -0.01 min

Lab File: VL032495.D

Acq: 11 Sep 2018 2:00

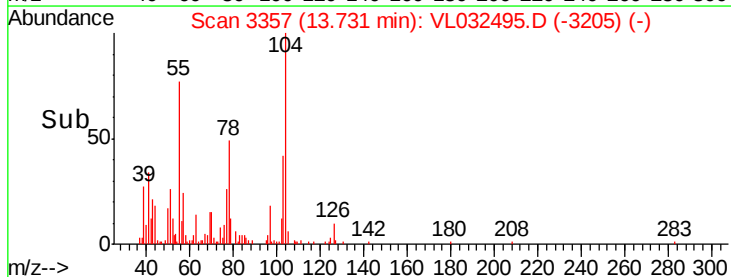
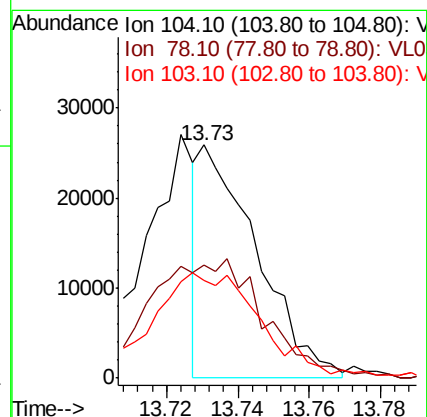
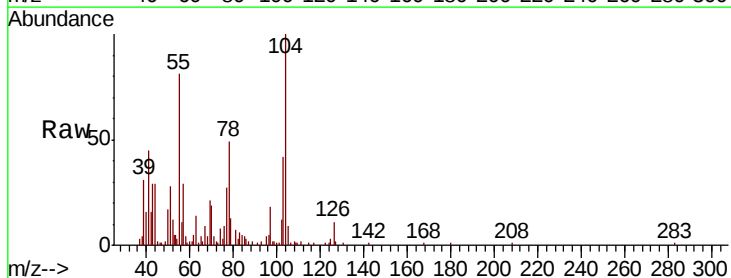
Tgt Ion: 104 Resp: 28760

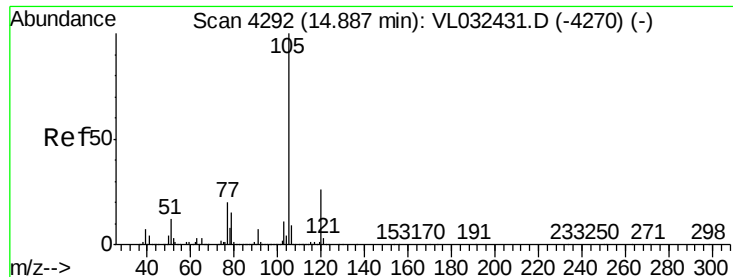
Ion Ratio Lower Upper

104 100

78 105.4 41.8 62.8#

103 90.8 38.0 57.0#





#62

Isopropylbenzene

Concen: 0.093 ppbv

RT: 14.87 min Scan# 3711

Delta R.T. -0.02 min

Lab File: VL032495.D

Acq: 11 Sep 2018 2:00

Instrument :

MSVOA_L

ClientSampleId :

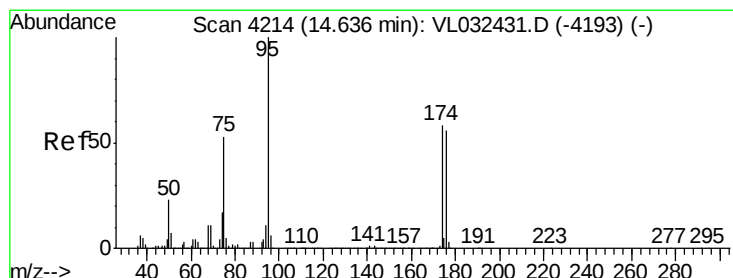
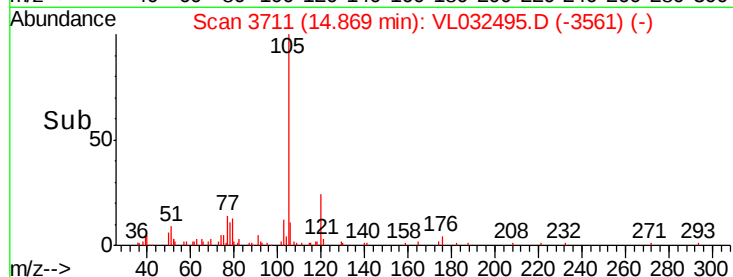
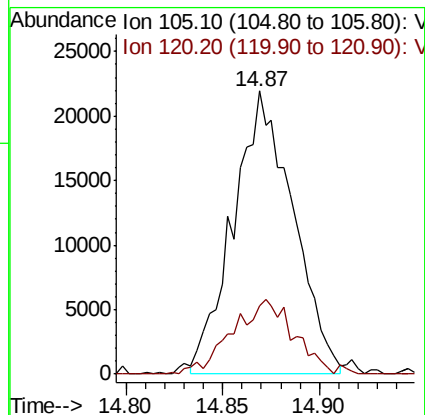
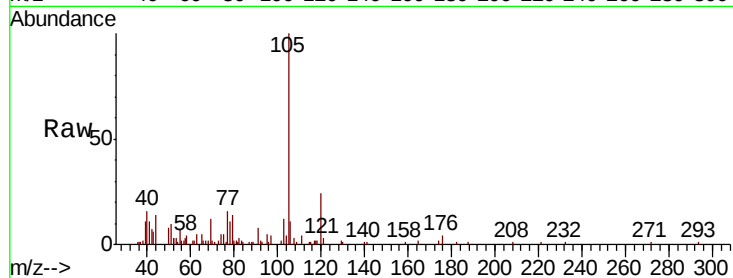
249-BERRYDL

Tgt Ion: 105 Resp: 47225

Ion Ratio Lower Upper

105 100

120 27.7 20.6 31.0



#68

1-Bromo-4-Fluorobenzene

Concen: 10.088 ppbv

RT: 14.62 min Scan# 3635

Delta R.T. -0.01 min

Lab File: VL032495.D

Acq: 11 Sep 2018 2:00

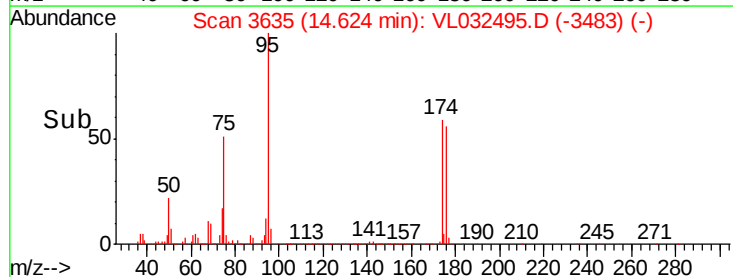
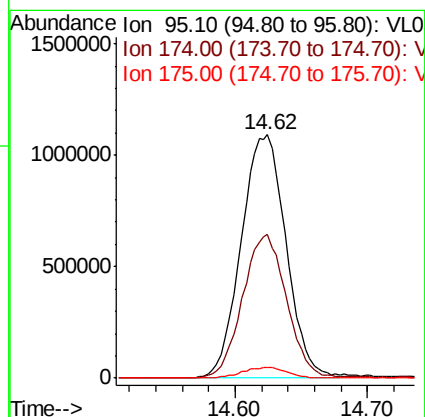
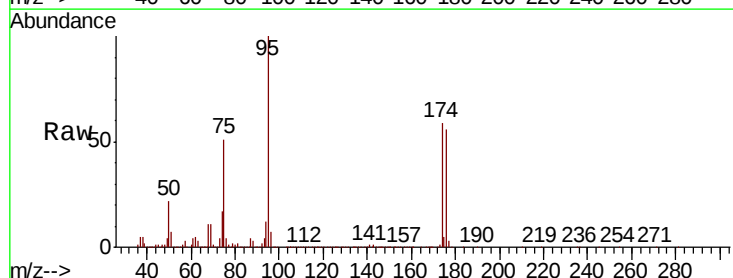
Tgt Ion: 95 Resp: 2567788

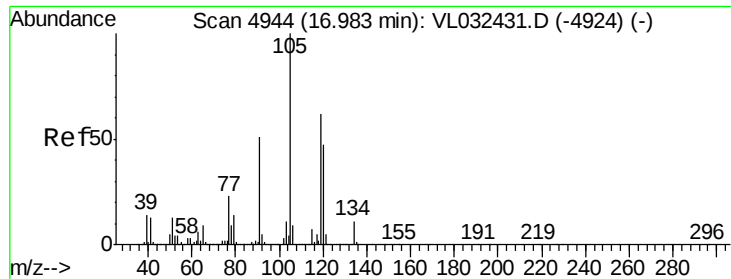
Ion Ratio Lower Upper

95 100

174 58.9 46.3 69.5

175 4.4 3.4 5.0





#74
 1,2,4-Trimethylbenzene
 Concen: 0.130 ppbv
 RT: 16.97 min Scan# 4364
 Delta R.T. -0.01 min
 Lab File: VL032495.D
 Acq: 11 Sep 2018 2:00

Instrument :
 MSVOA_L
 ClientSampleId :
 249-BERRYDL

Tgt Ion	Ratio	Lower	Upper
105	100		
120	29.7	37.8	56.8#
91	8.6	41.4	62.0#
77	11.9	18.6	28.0#

