

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021419\
 Data File : VL033205.D
 Acq On : 14 Feb 2019 19:38
 Operator : SY/AP
 Sample : K1483-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ZONE-A

Quant Time: Feb 15 15:20:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL020519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 06 09:13:11 2019
 QLast Update : Wed Feb 06 09:13:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	983539	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2129987	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2187730	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1734775	10.30	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.00%

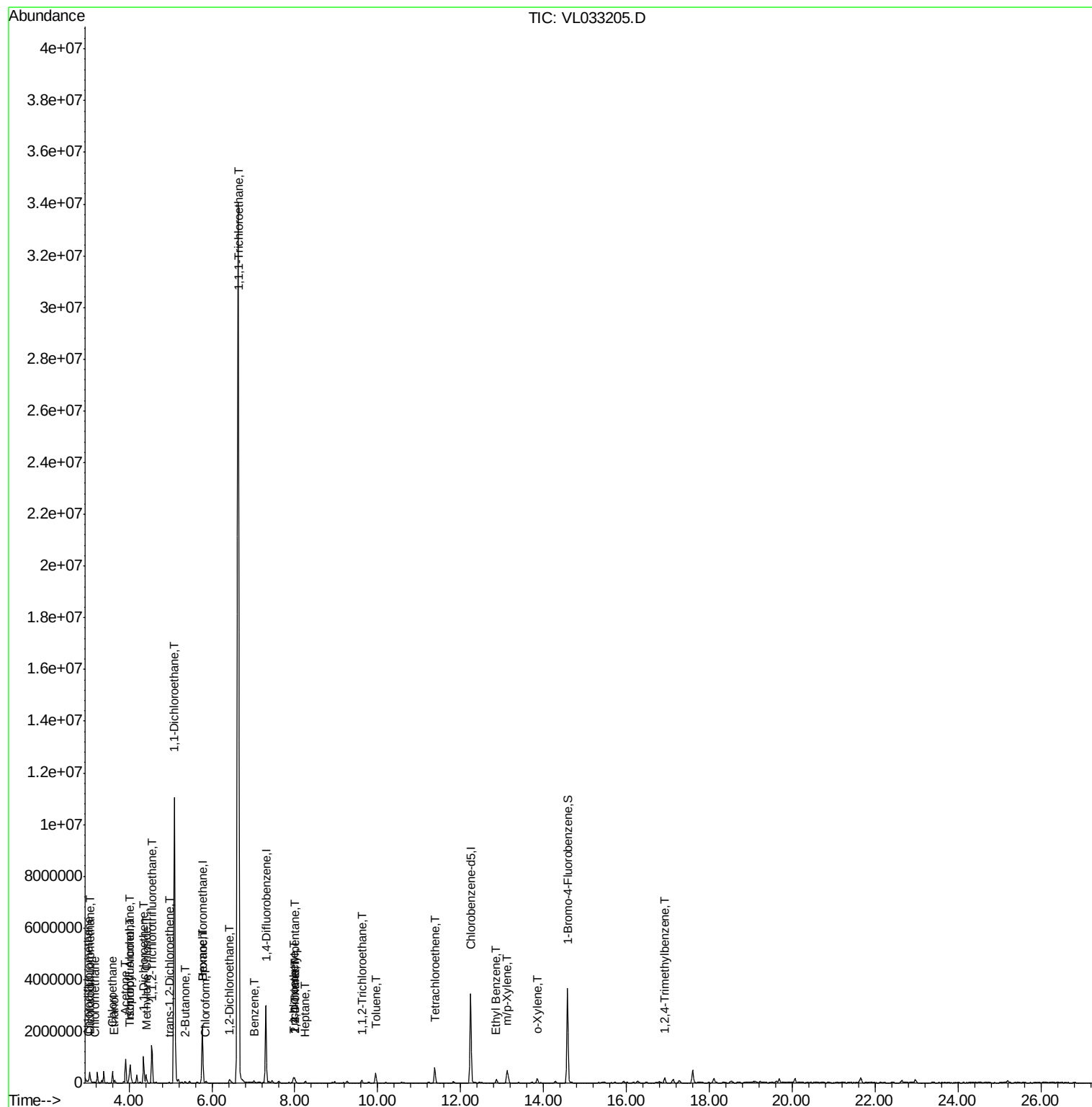
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	66014	0.351	ppbv	97
3) Chlorodifluoromethane	3.01	51	41420	0.350	ppbv	98
4) Chloromethane	3.17	50	20874	0.334	ppbv #	79
7) Chloroethane	3.60	64	279726	13.104	ppbv	99
10) Heptane	8.25	43	25822m	0.149	ppbv	
11) Trichlorofluoromethane	4.00	101	185549	1.219	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.55	101	517162	4.902	ppbv	99
13) Ethanol	3.65	45	104248	5.465	ppbv	99
15) Acetone	3.91	43	841556	7.595	ppbv	92
18) 1,1-Dichloroethene	4.35	96	303134	6.419	ppbv	100
19) Isopropyl Alcohol	4.03	45	783730m	10.428	ppbv	
20) Methylene Chloride	4.41	84	105285	2.389	ppbv	93
22) trans-1,2-Dichloroethene	4.97	96	13949m	0.304	ppbv	
24) 1,1-Dichloroethane	5.09	63	10408316	76.623	ppbv	96
26) Hexane	5.78	57	141277	1.208	ppbv #	42
29) Chloroform	5.85	83	38114	0.213	ppbv	90
32) 1,1,1-Trichloroethane	6.63	97	24526430	124.273	ppbv #	83
34) 2-Butanone	5.35	43	59074	0.437	ppbv	99
36) Benzene	7.01	78	55665	0.258	ppbv	99
37) 1,2-Dichloroethane	6.42	62	63910	0.534	ppbv #	82
38) Trichloroethene	7.97	130	53381	0.577	ppbv #	91
40) 1,4-Dioxane	7.99	88	14561m	0.470	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	131286	0.359	ppbv #	90
47) 1,1,2-Trichloroethane	9.62	97	34966	0.395	ppbv	97
52) Tetrachloroethene	11.37	164	143113	1.726	ppbv	95
53) Toluene	9.95	91	262039	1.025	ppbv	98
58) Ethyl Benzene	12.86	91	117389	0.332	ppbv	91
59) m/p-Xylene	13.12	91	515957	1.746	ppbv #	100
60) o-Xylene	13.85	91	139870	0.487	ppbv	95
74) 1,2,4-Trimethylbenzene	16.92	105	76308	0.232	ppbv #	81

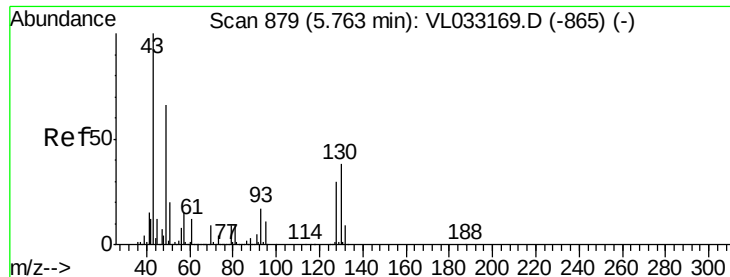
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL021419\
Data File : VL033205.D
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Misc : 400ml/MSVOA L
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Instrument :
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Quant Time: Feb 15 15:20:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL020519AIR.M
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QLast Update : Wed Feb 06 09:13:11 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 881

Delta R.T. 0.01 min

Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

Instrument :

MSVOA_L

ClientSampleId :

ZONE-A

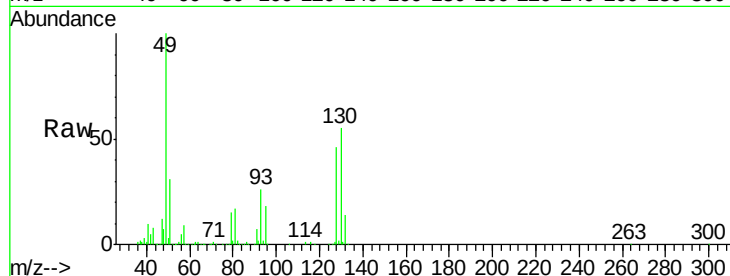
Tot Ion: 49 Resp: 983539

Ion Ratio Lower Upper

49 100

128 45.7 23.6 71.0

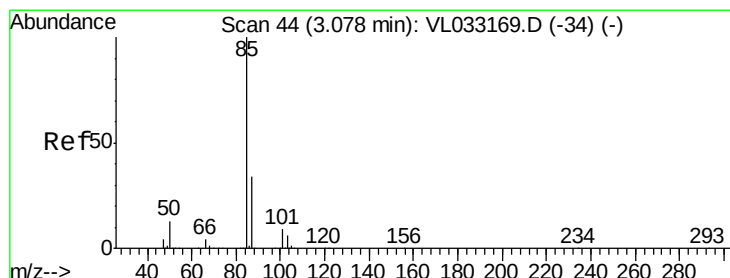
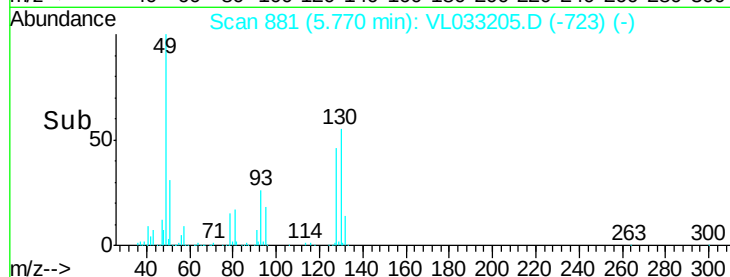
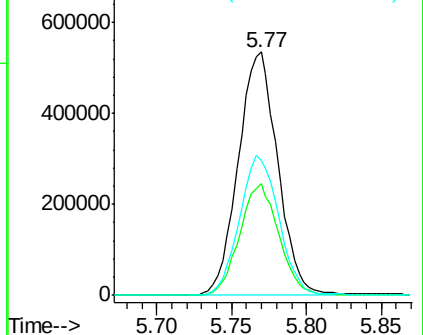
130 57.4 30.3 91.0



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: 0.351 ppbv

RT: 3.08 min Scan# 43

Delta R.T. -0.00 min

Lab File: VL033205.D

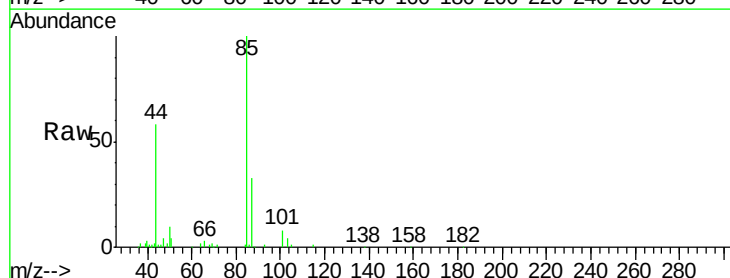
Acq: 14 Feb 2019 19:38

Tgt Ion: 85 Resp: 66014

Ion Ratio Lower Upper

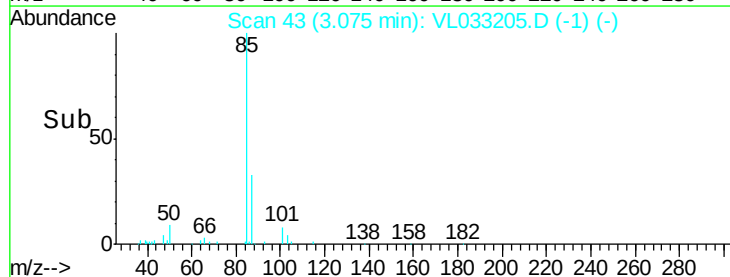
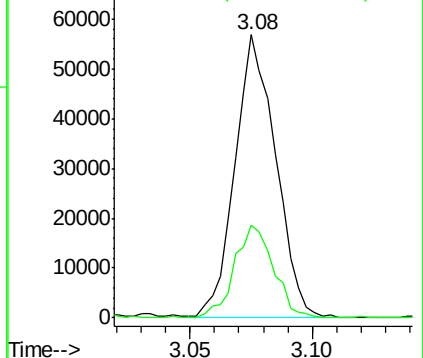
85 100

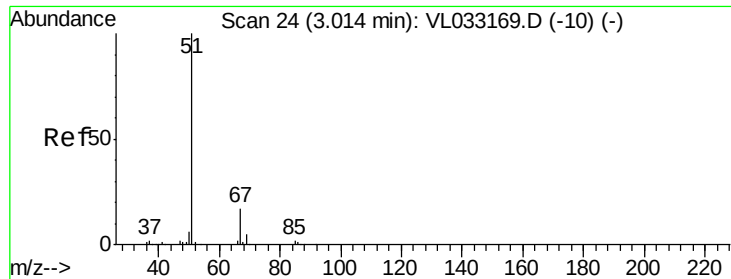
87 32.7 27.4 41.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.350 ppbv

RT: 3.01 min Scan# 23

Delta R.T. -0.00 min

Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

Instrument :

MSVOA_L

ClientSampleId :

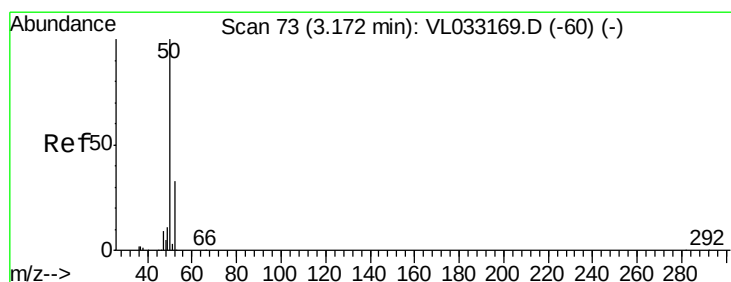
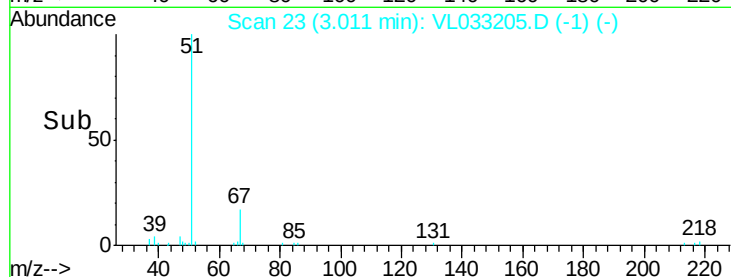
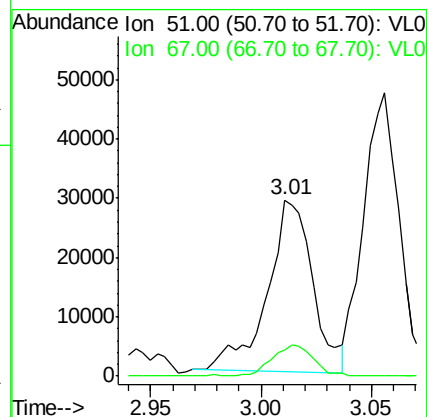
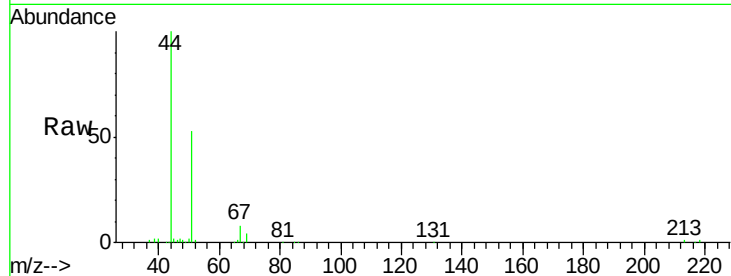
ZONE-A

Tot Ion: 51 Resp: 41420

Ion Ratio Lower Upper

51 100

67 16.5 14.0 21.0



#4

Chloromethane

Concen: 0.334 ppbv

RT: 3.17 min Scan# 73

Delta R.T. 0.00 min

Lab File: VL033205.D

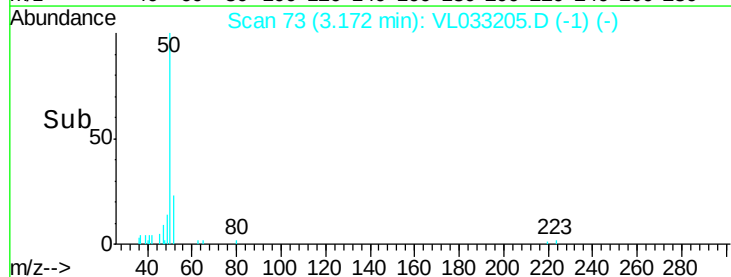
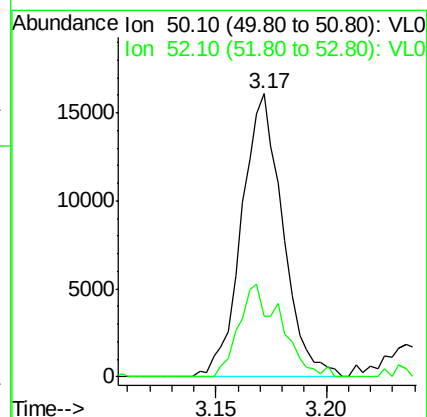
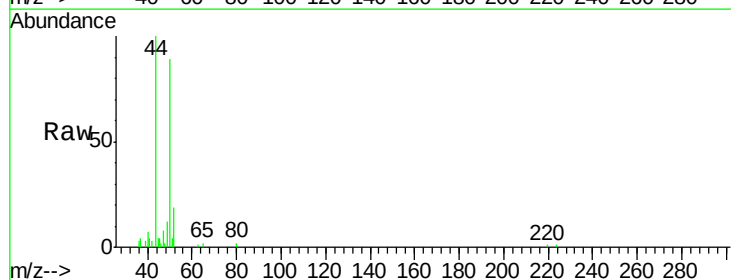
Acq: 14 Feb 2019 19:38

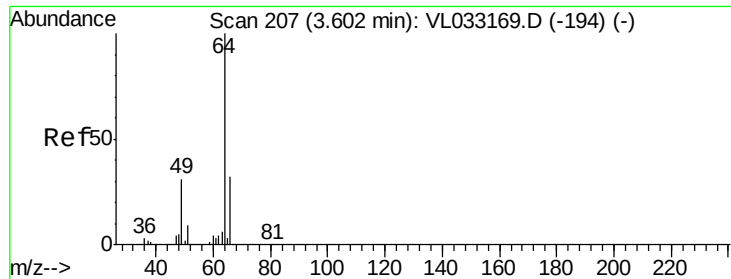
Tgt Ion: 50 Resp: 20874

Ion Ratio Lower Upper

50 100

52 21.4 26.5 39.7#





#7

Chloroethane

Concen: 13.104 ppbv

RT: 3.60 min Scan# 206

Delta R.T. -0.00 min

Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

Instrument :

MSVOA_L

ClientSampleId :

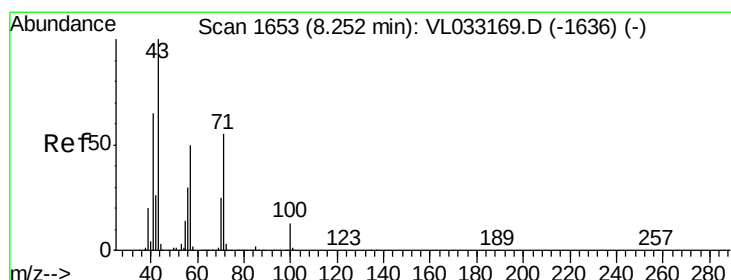
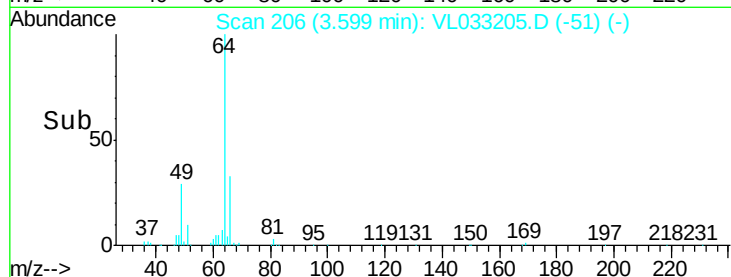
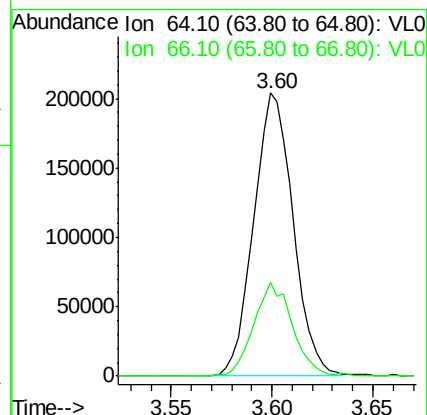
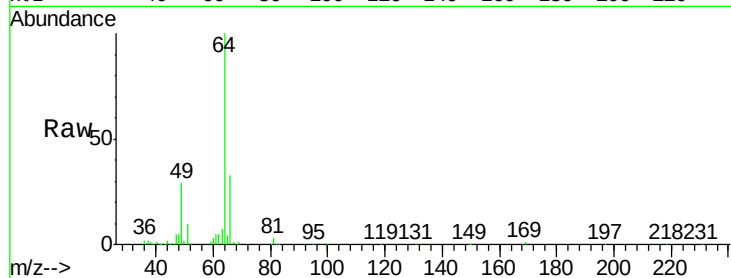
ZONE-A

Tot Ion: 64 Resp: 279726

Ion Ratio Lower Upper

64 100

66 33.2 26.0 39.0



#10

Heptane

Concen: 0.149 ppbv m

RT: 8.25 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VL033205.D

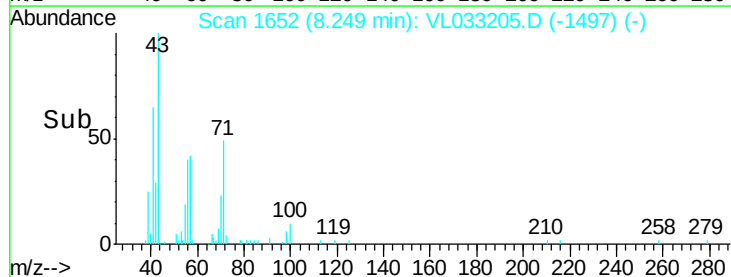
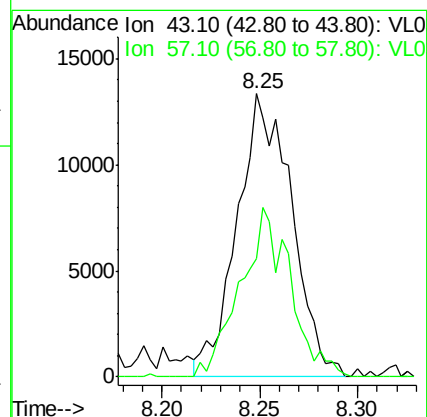
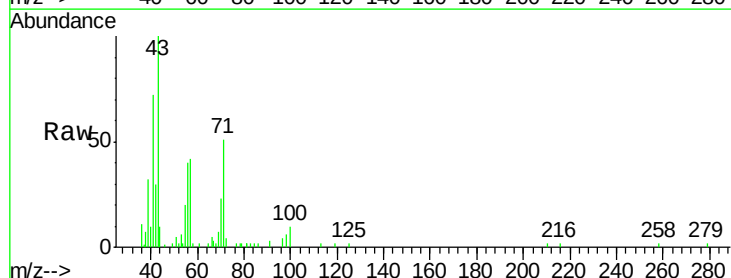
Acq: 14 Feb 2019 19:38

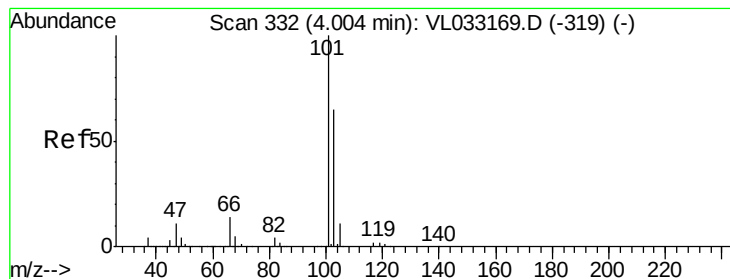
Tgt Ion: 43 Resp: 25822

Ion Ratio Lower Upper

43 100

57 0.0 39.5 59.3#





#11

Trichlorofluoromethane

Concen: 1.219 ppbv

RT: 4.00 min Scan# 332

Delta R.T. 0.00 min

Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

Instrument :

MSVOA_L

ClientSampled :

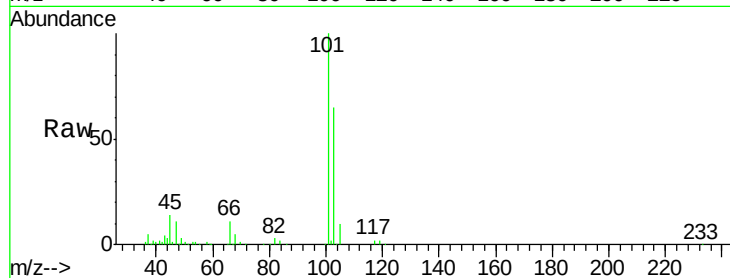
ZONE-A

Tot Ion:101 Resp: 185549

Ion Ratio Lower Upper

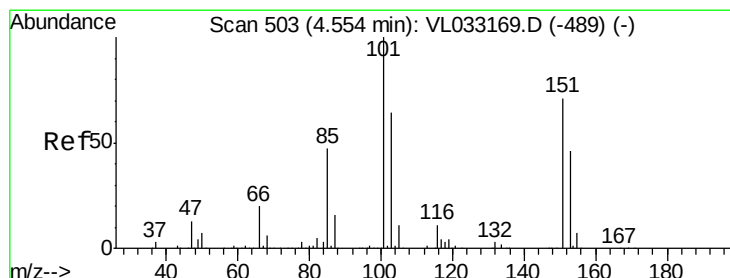
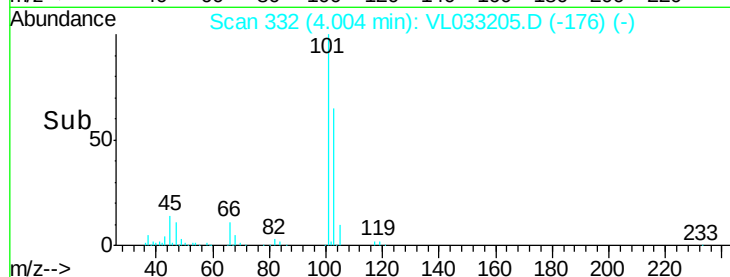
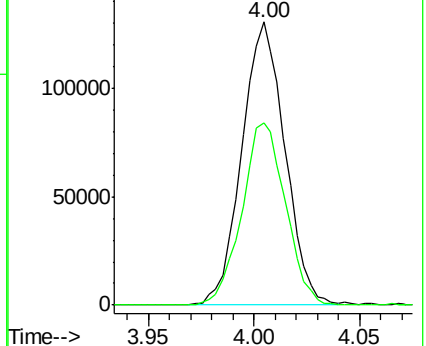
101 100

103 64.5 51.7 77.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 4.902 ppbv

RT: 4.55 min Scan# 502

Delta R.T. -0.00 min

Lab File: VL033205.D

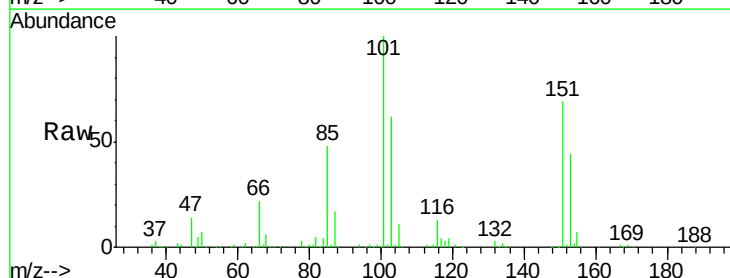
Acq: 14 Feb 2019 19:38

Tgt Ion:101 Resp: 517162

Ion Ratio Lower Upper

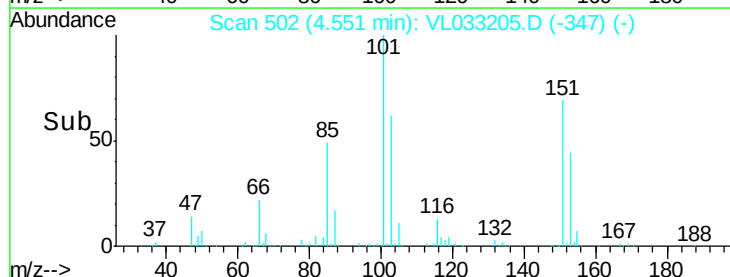
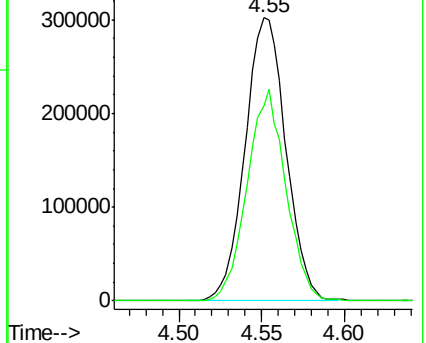
101 100

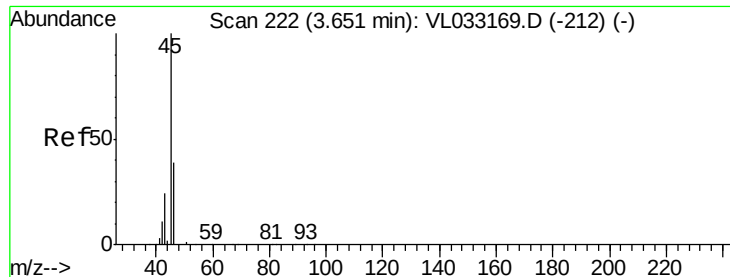
151 70.8 57.4 86.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

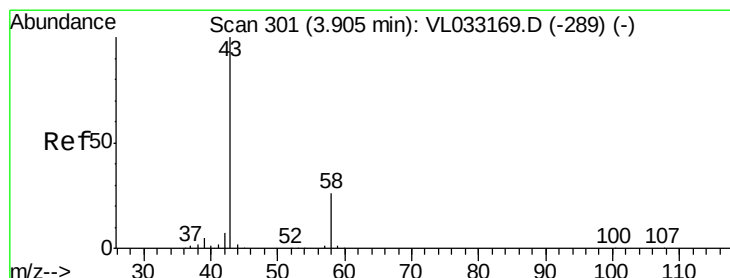
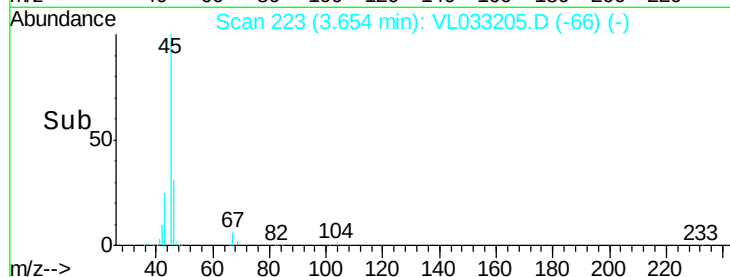
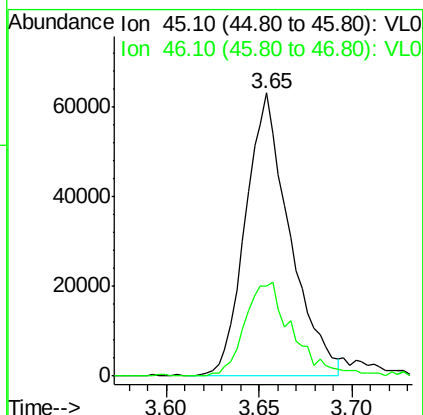
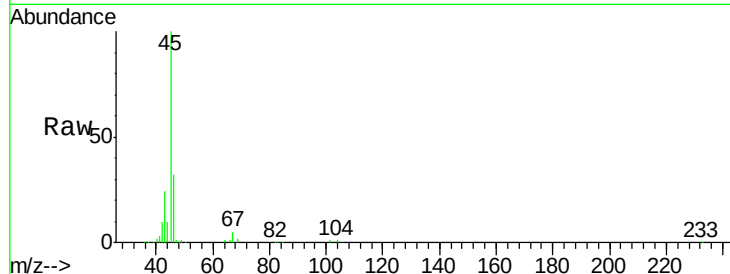




#13
Ethanol
Concen: 5.465 ppbv
RT: 3.65 min Scan# 223
Delta R.T. 0.00 min
Lab File: VL033205.D
Acq: 14 Feb 2019 19:38

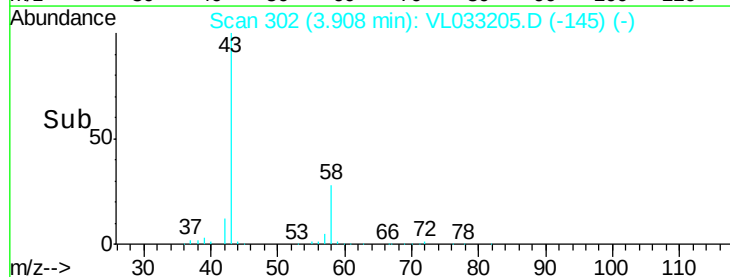
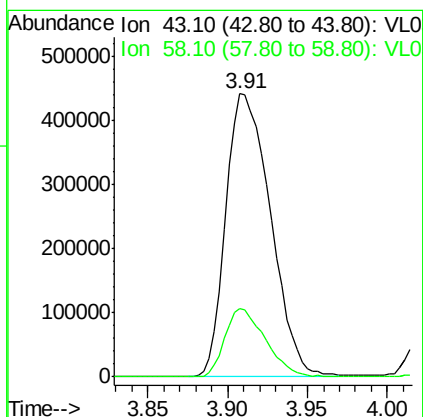
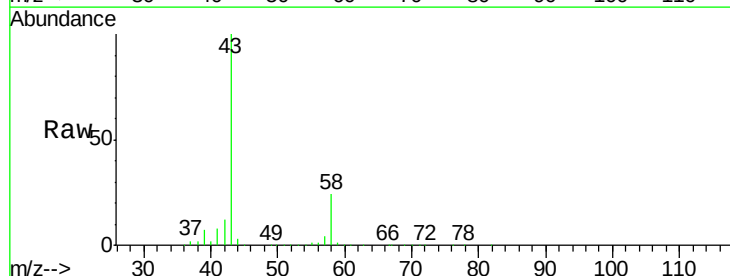
Instrument :
MSVOA_L
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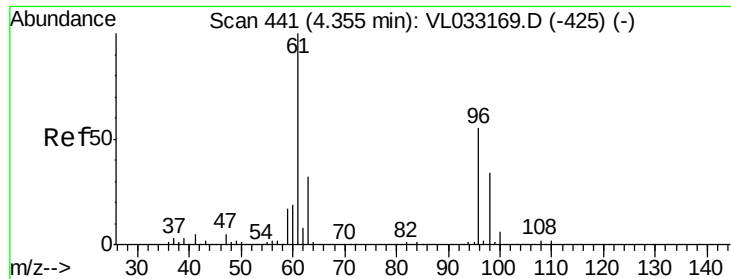
Tot Ion: 45 Resp: 104248
Ion Ratio Lower Upper
45 100
46 37.1 15.0 60.2



#15
Acetone
Concen: 7.595 ppbv
RT: 3.91 min Scan# 302
Delta R.T. 0.00 min
Lab File: VL033205.D
Acq: 14 Feb 2019 19:38

Tgt Ion: 43 Resp: 841556
Ion Ratio Lower Upper
43 100
58 22.2 21.1 31.7

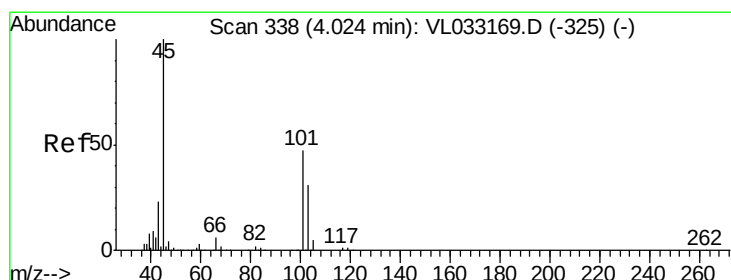
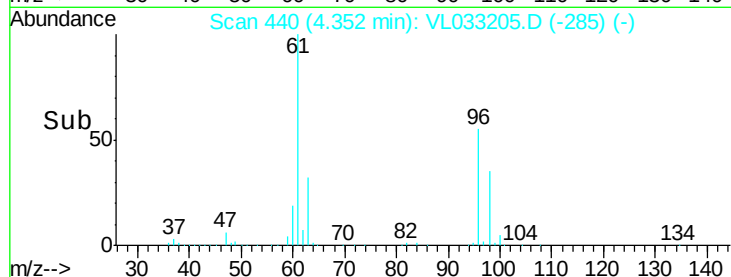
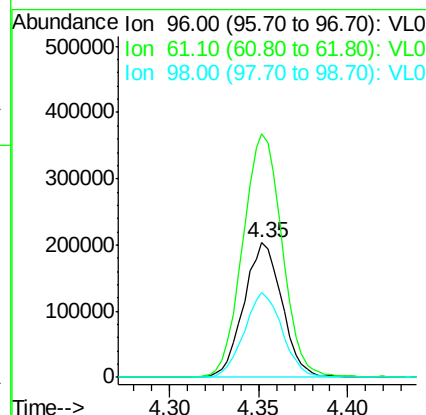
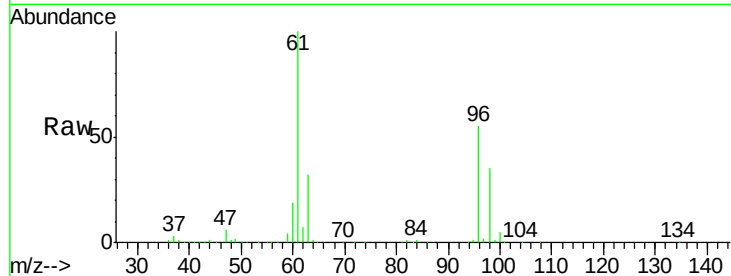




#18
 1,1-Dichloroethene
 Concen: 6.419 ppbv
 RT: 4.35 min Scan# 440
 Delta R.T. -0.00 min
 Lab File: VL033205.D
 Acq: 14 Feb 2019 19:38

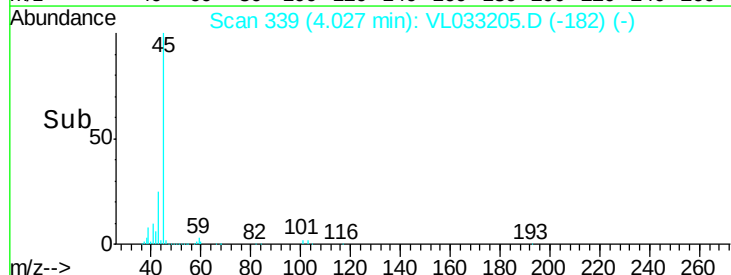
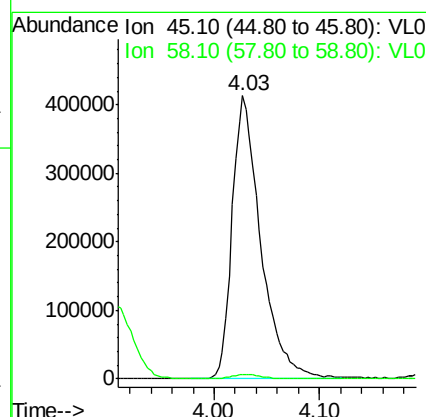
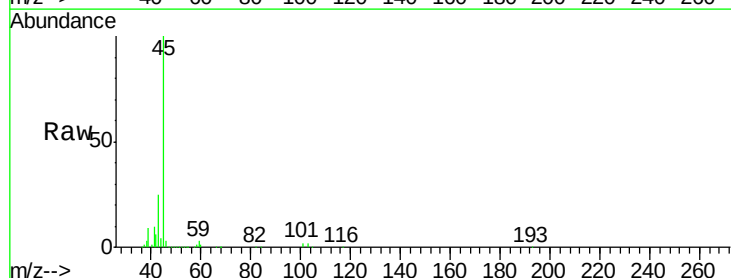
Instrument :
 MSVOA_L
 ClientSampleId :
 ZONE-A

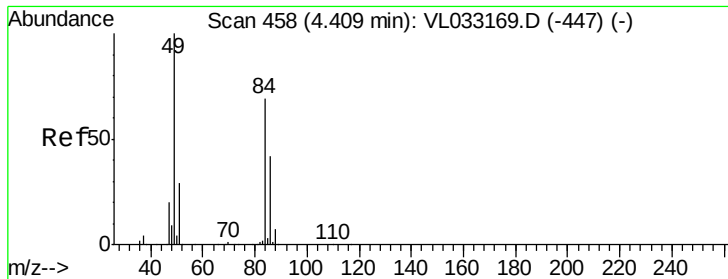
Tot Ion: 96 Resp: 303134
 Ion Ratio Lower Upper
 96 100
 61 180.8 145.0 217.6
 98 62.8 50.0 75.0



#19
 Isopropyl Alcohol
 Concen: 10.428 ppbv m
 RT: 4.03 min Scan# 339
 Delta R.T. 0.00 min
 Lab File: VL033205.D
 Acq: 14 Feb 2019 19:38

Tgt Ion: 45 Resp: 783730
 Ion Ratio Lower Upper
 45 100
 58 0.0 1.5 2.3#

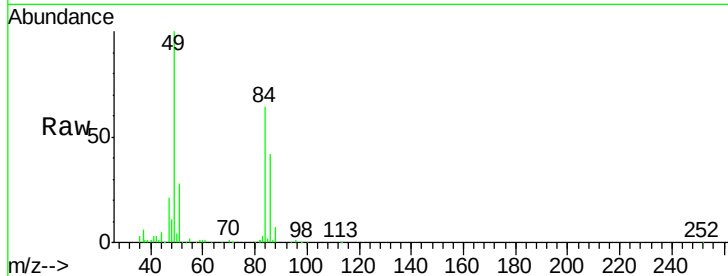




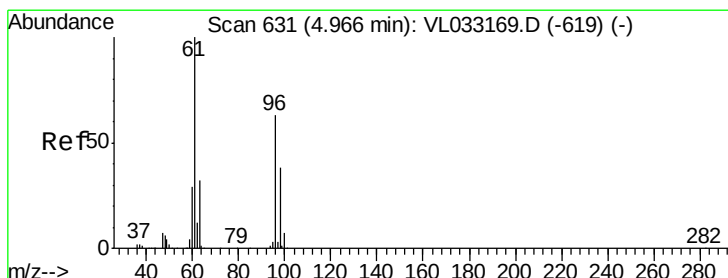
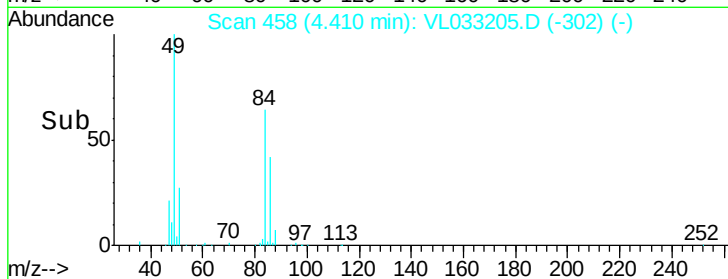
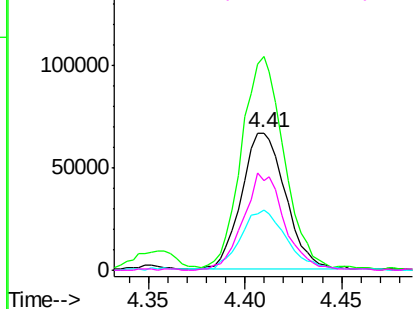
#20
Methylene Chloride
Concen: 2.389 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033205.D
Acq: 14 Feb 2019 19:38

Instrument :
MSVOA_L
ClientSampleId :
ZONE-A

Tot Ion: 84 Resp: 105285
Ion Ratio Lower Upper
84 100
49 154.5 115.8 173.8
51 43.3 33.0 49.6
86 65.5 48.2 72.2

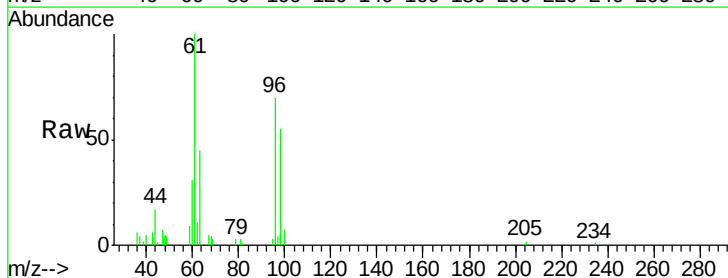


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

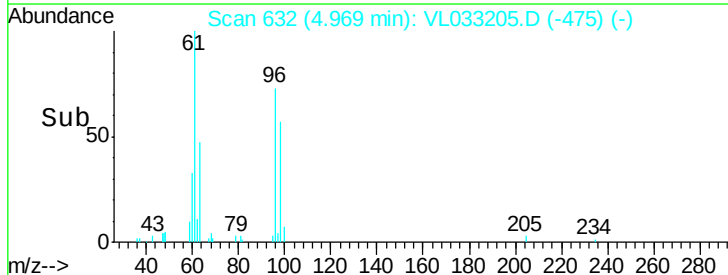
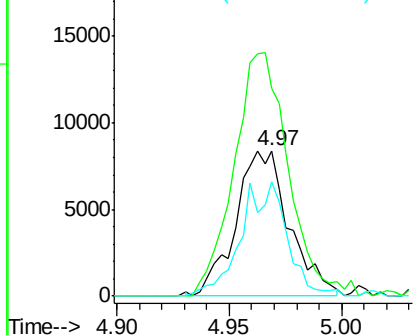


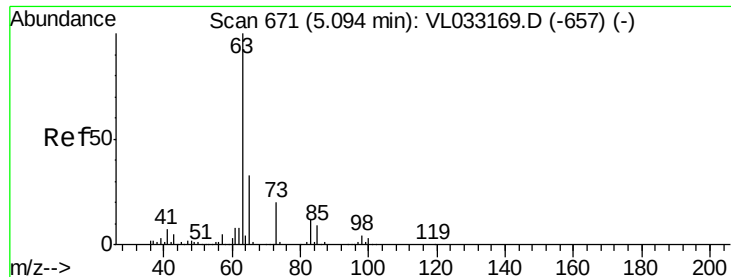
#22
trans-1,2-Dichloroethene
Concen: 0.304 ppbv m
RT: 4.97 min Scan# 632
Delta R.T. 0.00 min
Lab File: VL033205.D
Acq: 14 Feb 2019 19:38

Tgt Ion: 96 Resp: 13949
Ion Ratio Lower Upper
96 100
61 142.7 126.4 189.6
98 78.1 48.4 72.6#



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





#24

1,1-Dichloroethane

Concen: 76.623 ppbv

RT: 5.09 min Scan# 671

Delta R.T. 0.00 min

Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

Instrument :

MSVOA_L

ClientSampleId :

ZONE-A

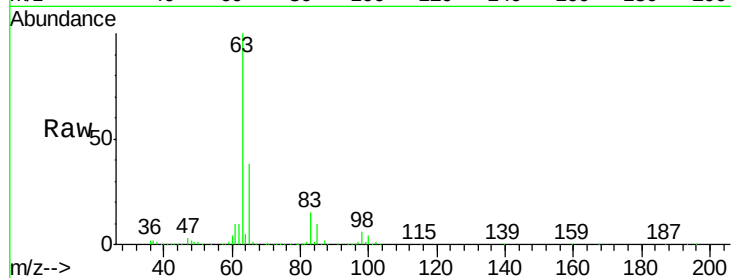
Tot Ion: 63 Resp:10408316

Ion Ratio Lower Upper

63 100

98 5.9 2.1 6.5

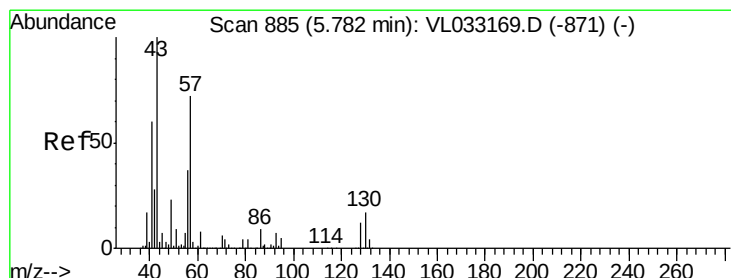
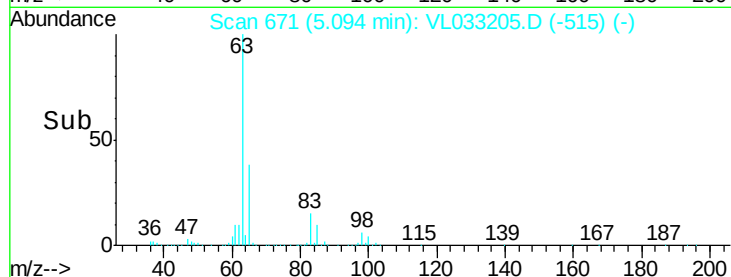
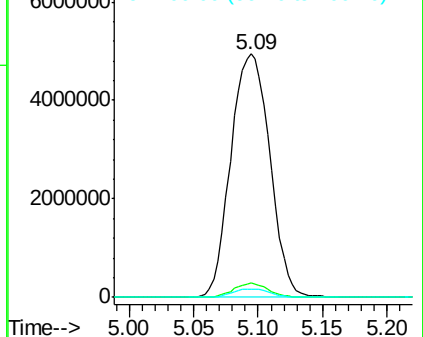
100 3.6 1.4 4.2



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0



#26

Hexane

Concen: 1.208 ppbv

RT: 5.78 min Scan# 883

Delta R.T. -0.01 min

Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

Tgt Ion: 57 Resp: 141277

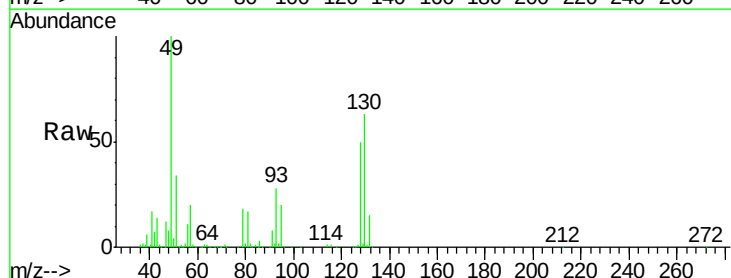
Ion Ratio Lower Upper

57 100

41 92.5 69.4 104.2

43 75.0 176.7 265.1#

56 54.8 41.4 62.0

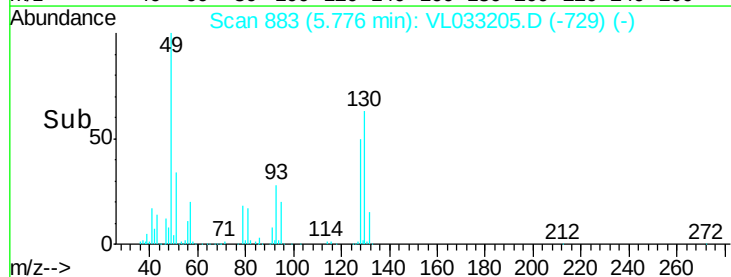
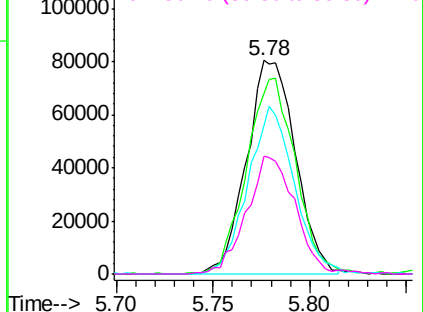


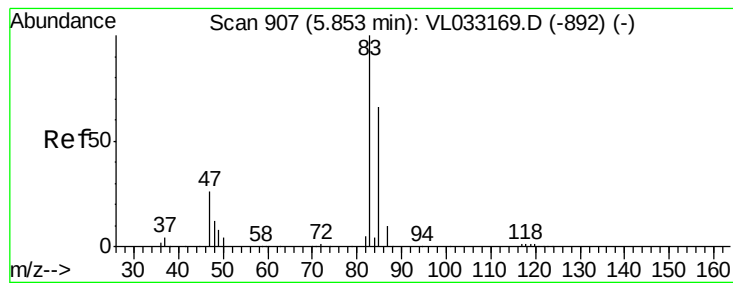
Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#29

Chloroform

Concen: 0.213 ppbv

RT: 5.85 min Scan# 906

Delta R.T. -0.00 min

Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

Instrument :

MSVOA_L

ClientSampleId :

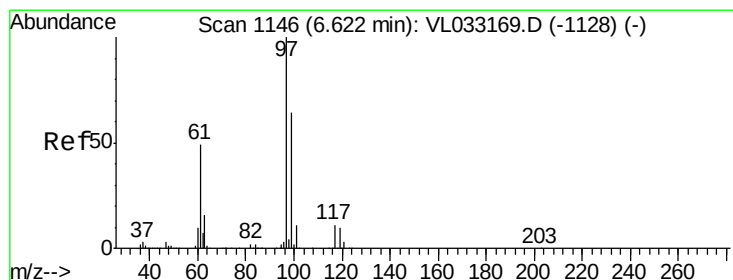
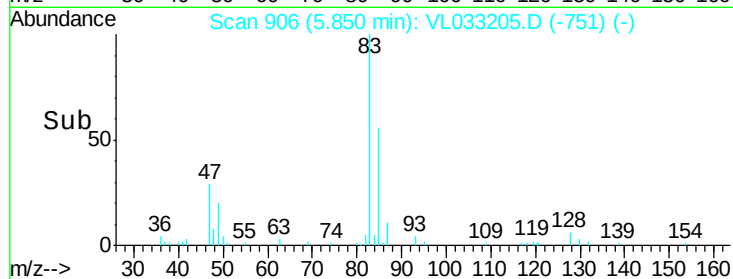
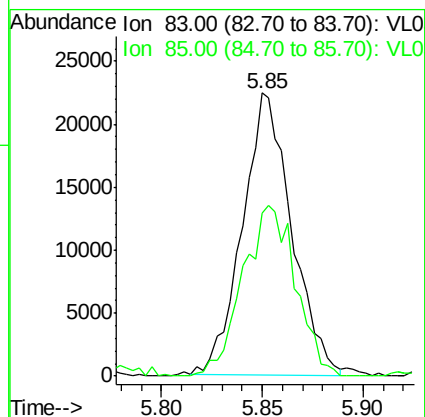
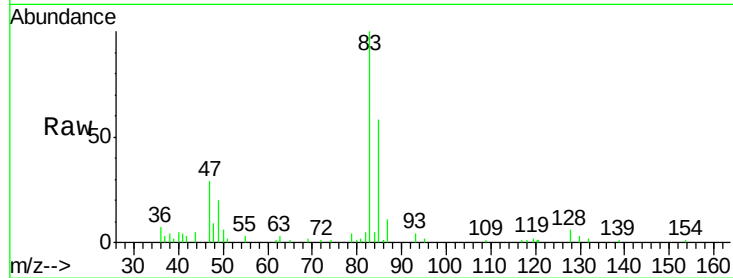
ZONE-A

Tot Ion: 83 Resp: 38114

Ion Ratio Lower Upper

83 100

85 58.0 52.6 78.8



#32

1,1,1-Trichloroethane

Concen: 124.273 ppbv

RT: 6.63 min Scan# 1150

Delta R.T. 0.01 min

Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

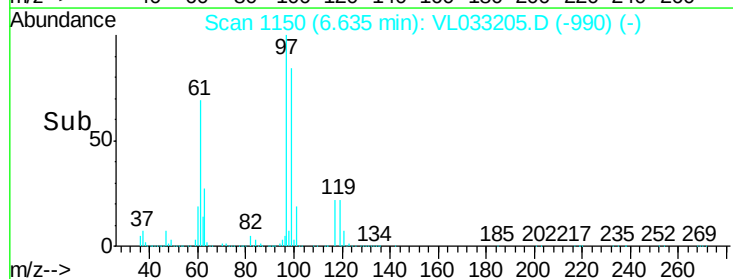
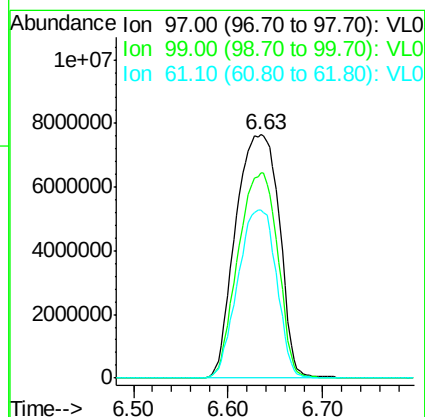
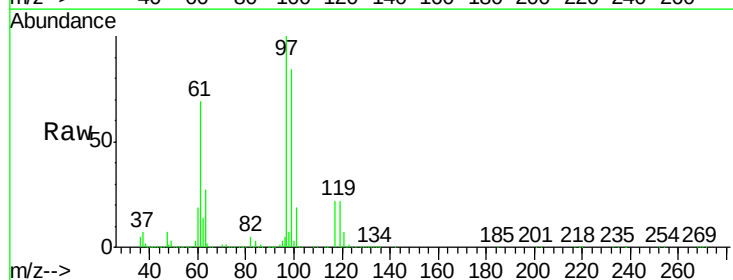
Tgt Ion: 97 Resp: 24526430

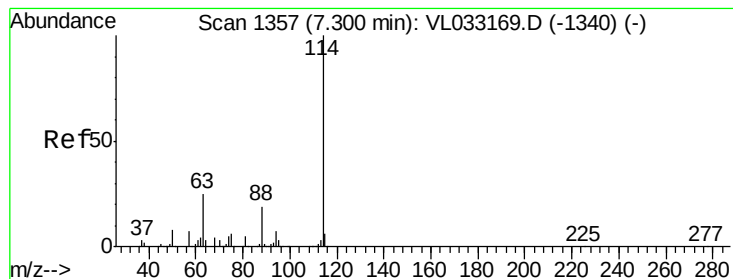
Ion Ratio Lower Upper

97 100

99 76.9 51.4 77.2

61 61.4 38.9 58.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.30 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

Instrument :

MSVOA_L

ClientSampleId :

ZONE-A

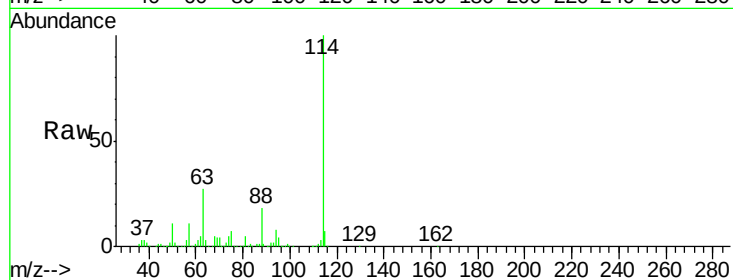
Tot Ion:114 Resp: 2129987

Ion Ratio Lower Upper

114 100

63 27.2 20.8 31.2

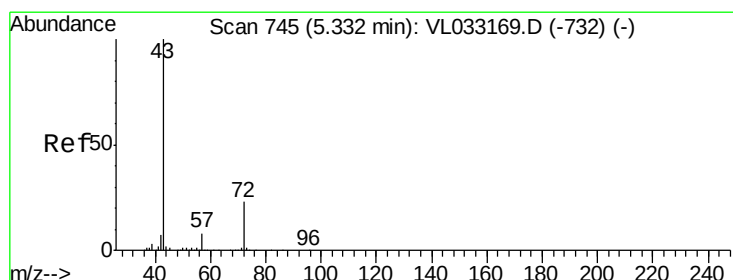
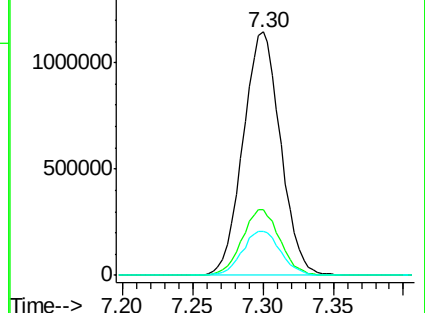
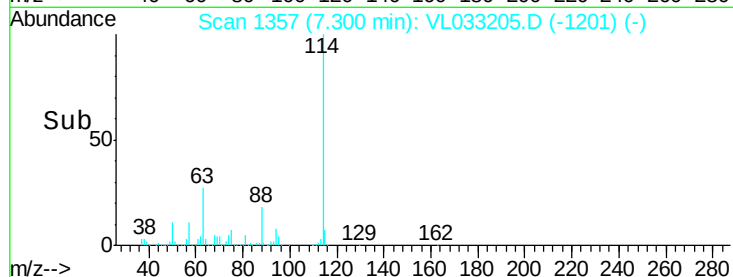
88 18.6 14.6 22.0



Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 0.437 ppbv

RT: 5.35 min Scan# 750

Delta R.T. 0.02 min

Lab File: VL033205.D

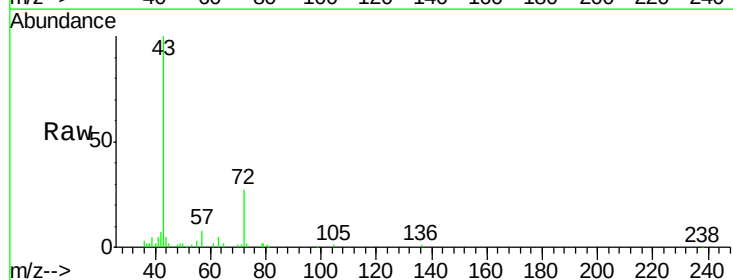
Acq: 14 Feb 2019 19:38

Tgt Ion: 43 Resp: 59074

Ion Ratio Lower Upper

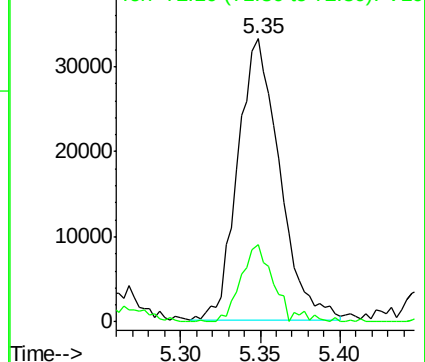
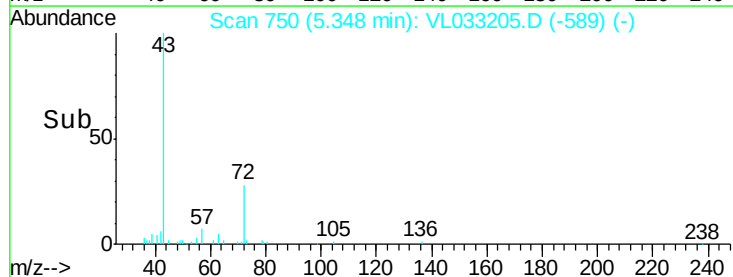
43 100

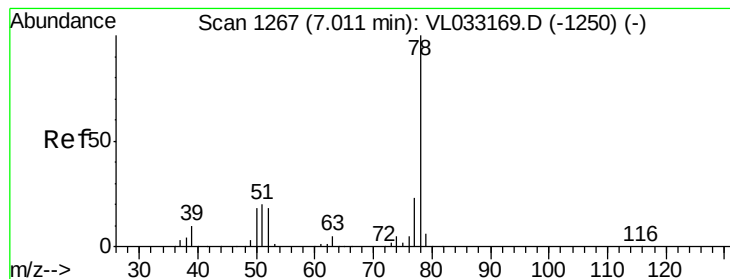
72 21.9 17.8 26.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#36

Benzene

Concen: 0.258 ppbv

RT: 7.01 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

Instrument :

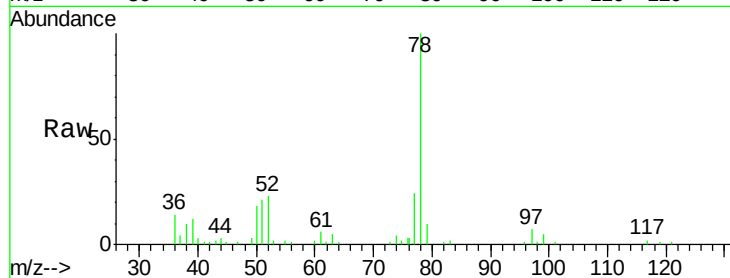
MSVOA_L

ClientSampleId :

ZONE-A

Tot Ion: 78 Resp: 55665

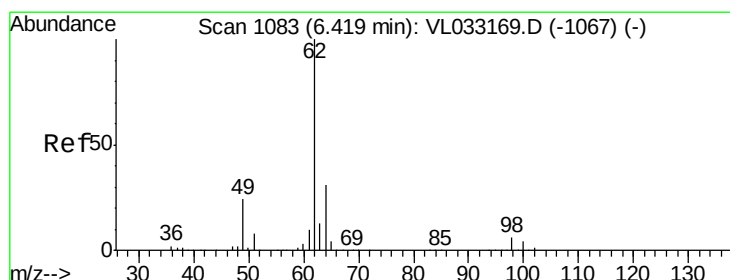
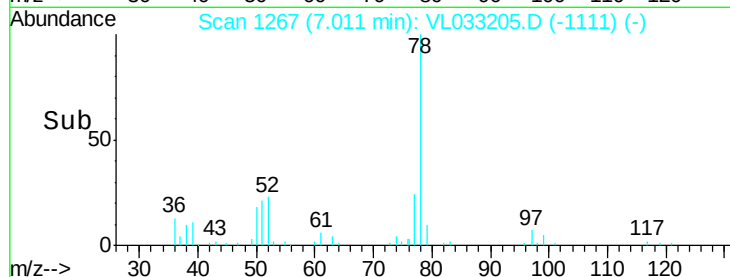
Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.0	27.0
50	17.1	14.2	21.2



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



#37

1,2-Dichloroethane

Concen: 0.534 ppbv

RT: 6.42 min Scan# 1083

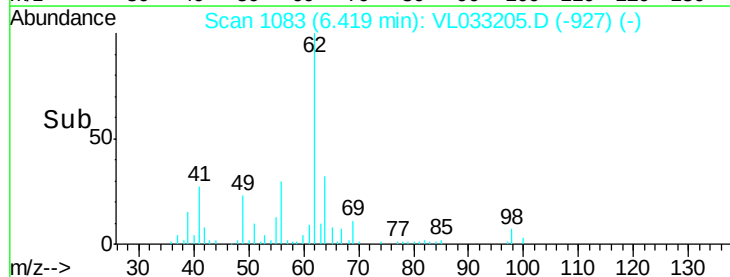
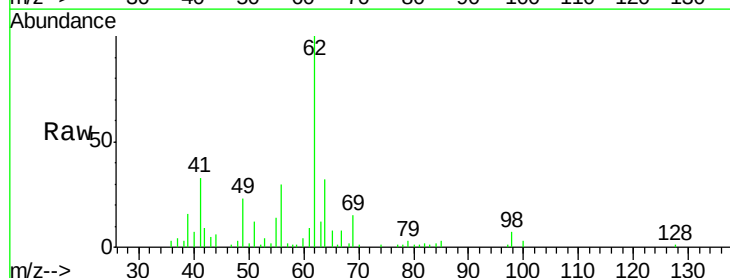
Delta R.T. 0.00 min

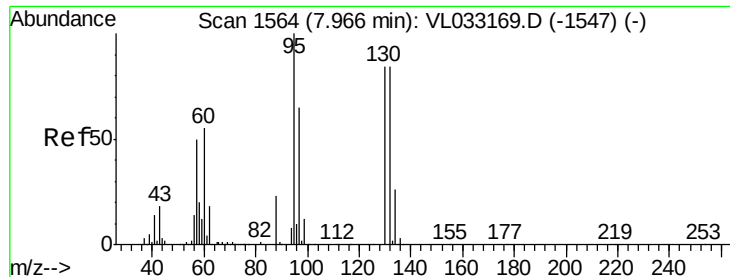
Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

Tgt Ion: 62 Resp: 63910

Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.7	7.1#





#38

Trichloroethene

Concen: 0.577 ppbv

RT: 7.97 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

Instrument :

MSVOA_L

ClientSampled :

ZONE-A

Tot Ion:130 Resp: 53381

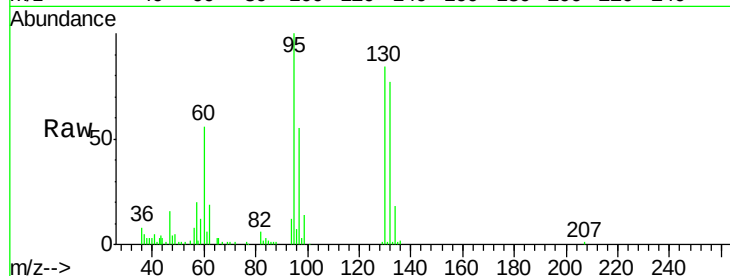
Ion Ratio Lower Upper

130 100

95 117.0 95.5 143.3

132 90.8 80.0 120.0

97 61.7 62.2 93.2#

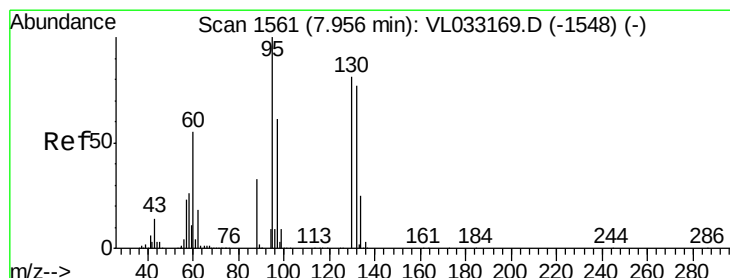
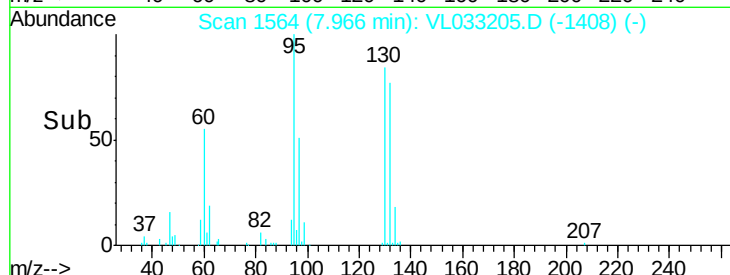
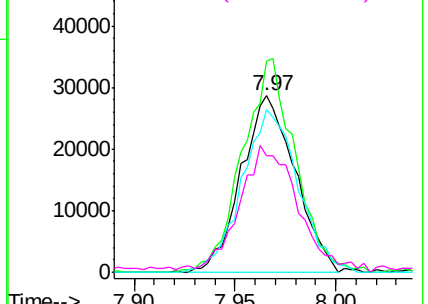


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#40

1,4-Dioxane

Concen: 0.470 ppbv m

RT: 7.99 min Scan# 1573

Delta R.T. 0.04 min

Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

Tgt Ion: 88 Resp: 14561

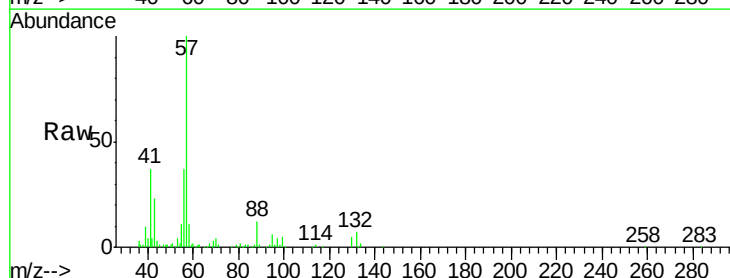
Ion Ratio Lower Upper

88 100

58 0.0 106.6 160.0#

43 0.0 220.2 330.2#

57 0.0 992.6 1489.0#

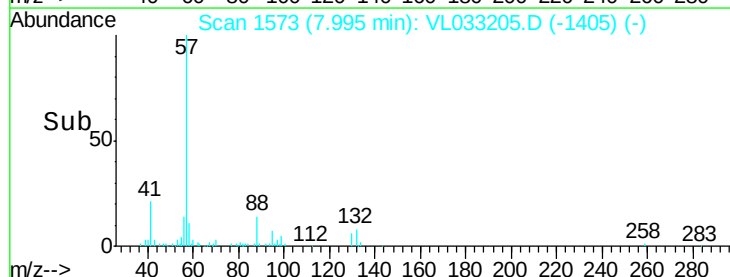
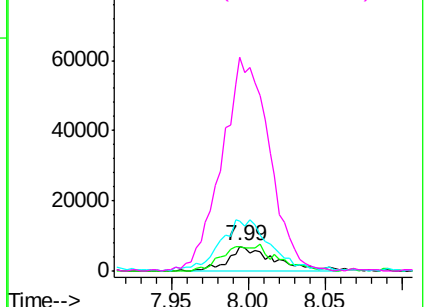


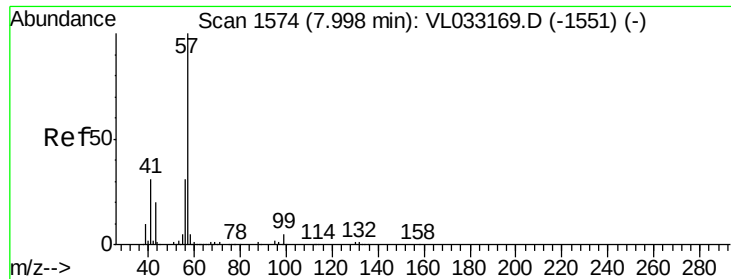
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#44

2,2,4-Trimethylpentane

Concen: 0.359 ppbv

RT: 7.99 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

Instrument :

MSVOA_L

ClientSampleId :

ZONE-A

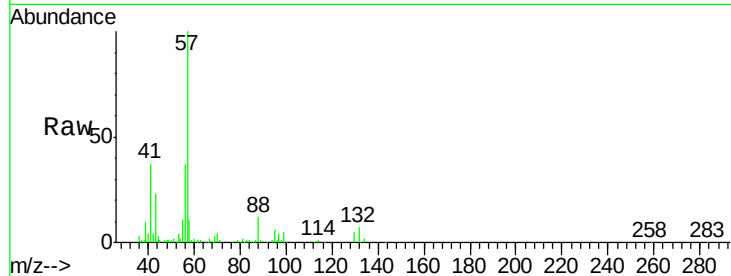
Tot Ion: 57 Resp: 131286

Ion Ratio Lower Upper

57 100

41 37.7 25.1 37.7#

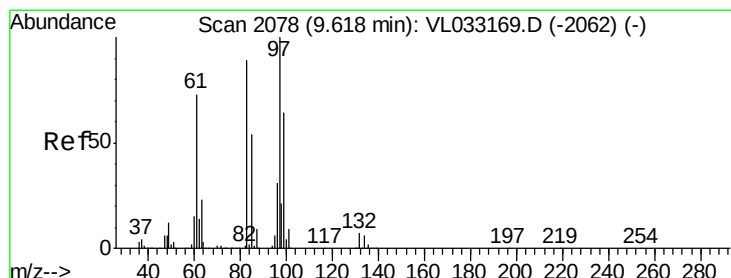
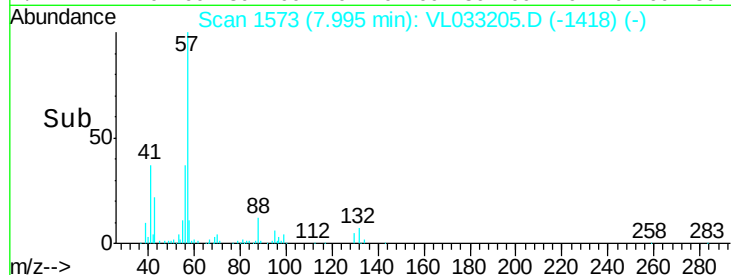
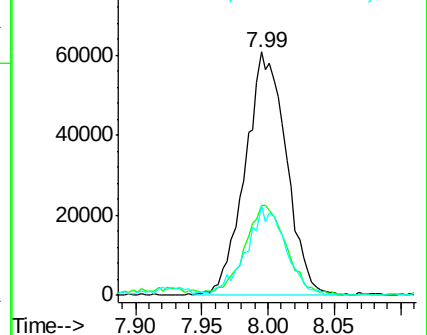
56 35.1 24.5 36.7



Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#47

1,1,2-Trichloroethane

Concen: 0.395 ppbv

RT: 9.62 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

Tgt Ion: 97 Resp: 34966

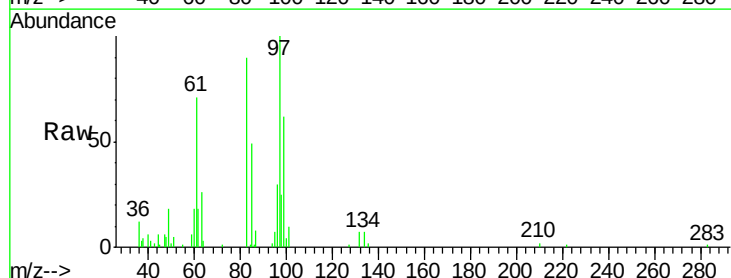
Ion Ratio Lower Upper

97 100

83 91.6 71.4 107.2

85 50.0 43.5 65.3

99 62.9 51.4 77.0

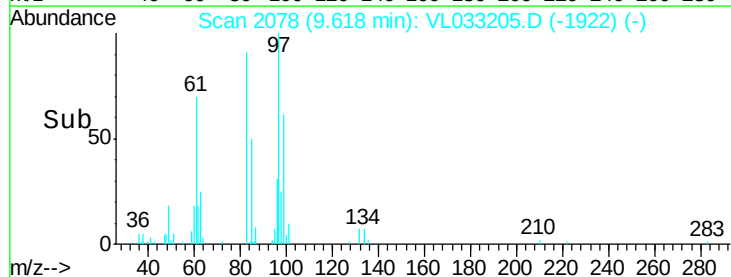
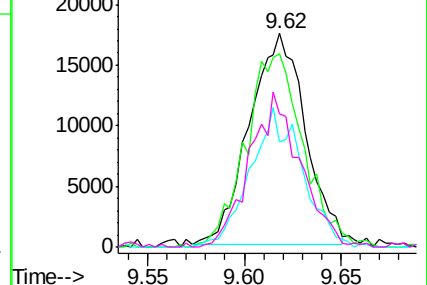


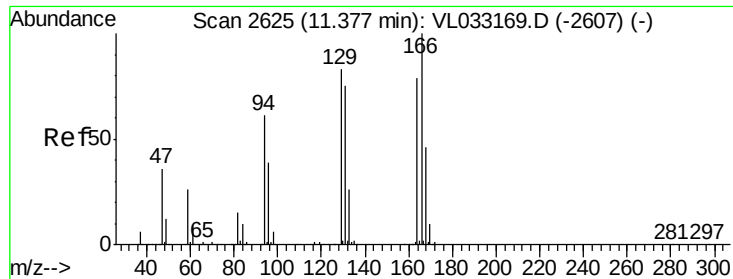
Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0





#52

Tetrachloroethene

Concen: 1.726 ppbv

RT: 11.37 min Scan# 2624

Delta R.T. -0.00 min

Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

Instrument :

MSVOA_L

ClientSampleId :

ZONE-A

Tot Ion:164 Resp: 143113

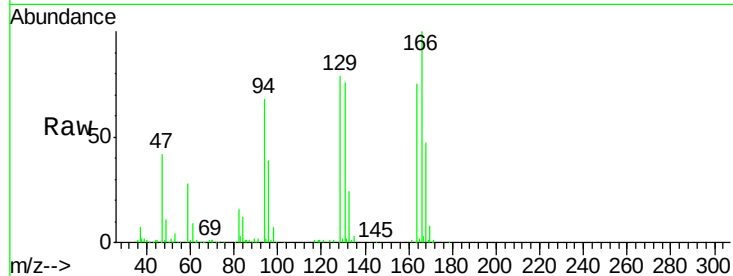
Ion Ratio Lower Upper

164 100

166 133.1 100.9 151.3

129 105.3 83.9 125.9

131 103.4 76.2 114.2

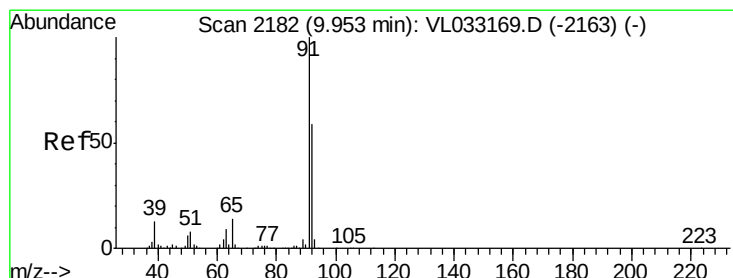
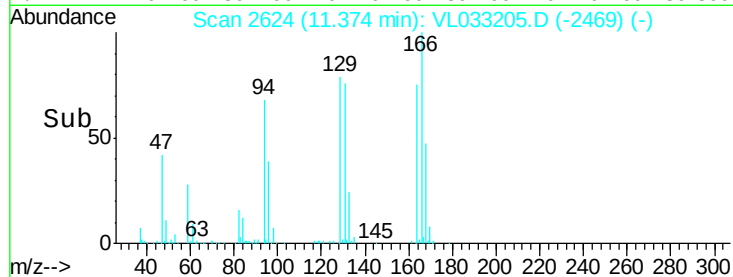
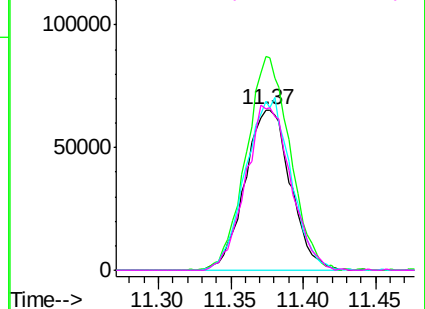


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.025 ppbv

RT: 9.95 min Scan# 2181

Delta R.T. -0.00 min

Lab File: VL033205.D

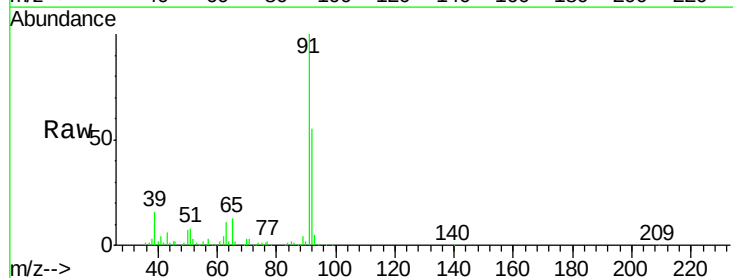
Acq: 14 Feb 2019 19:38

Tgt Ion: 91 Resp: 262039

Ion Ratio Lower Upper

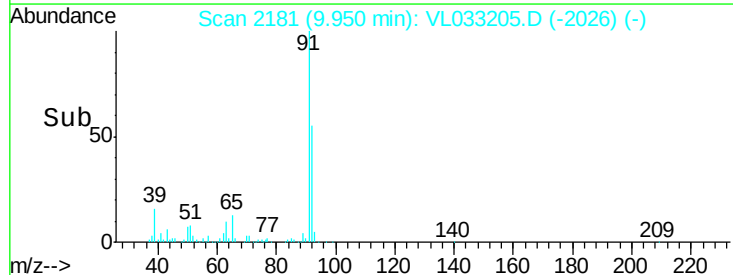
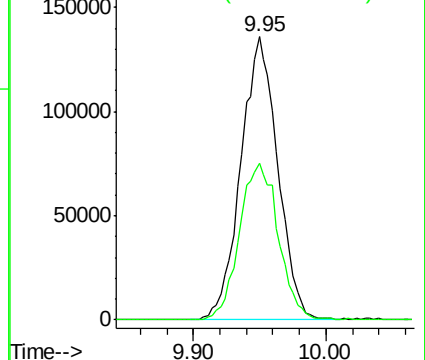
91 100

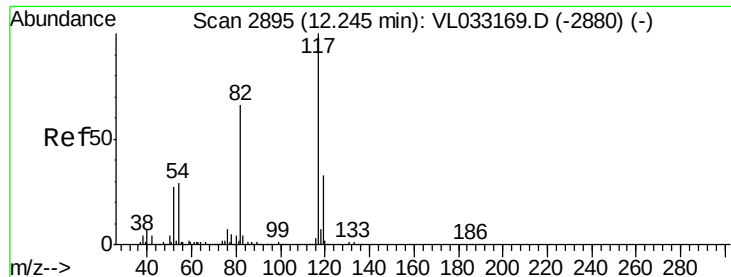
92 58.4 48.0 72.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

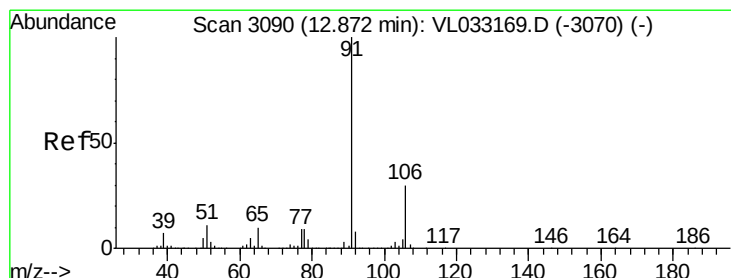
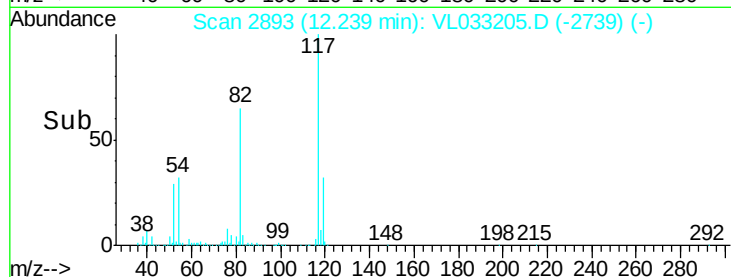
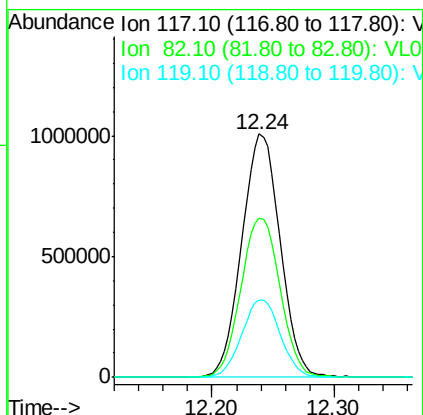
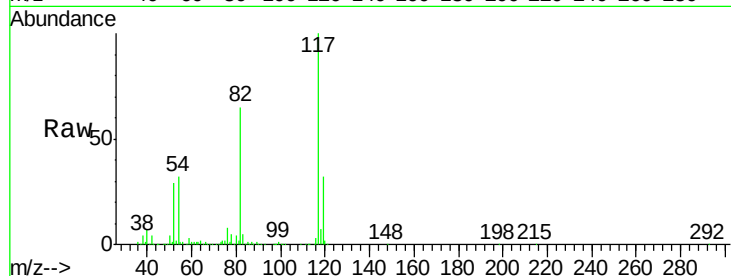




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL033205.D
Acq: 14 Feb 2019 19:38

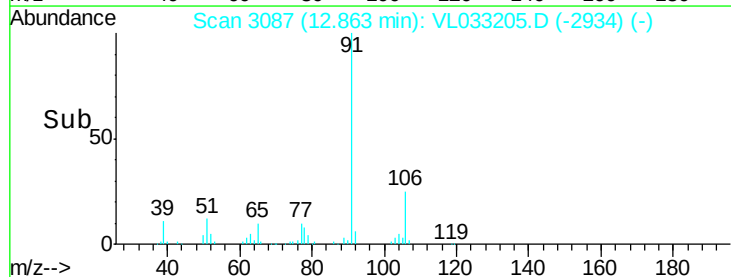
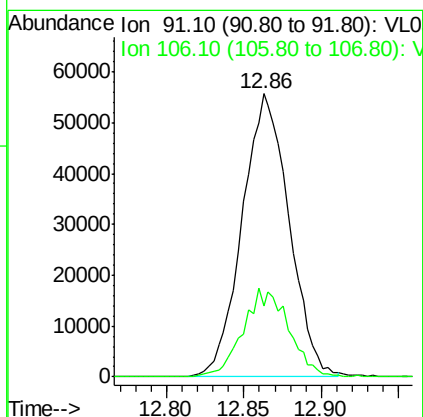
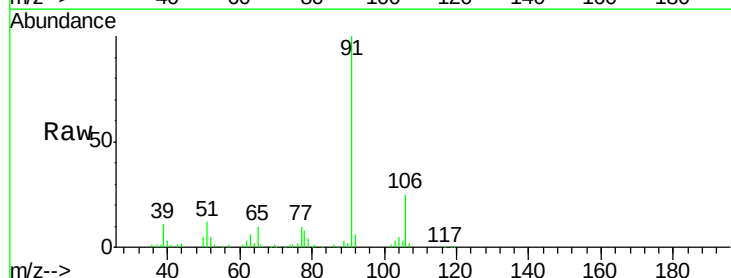
Instrument :
MSVOA_L
ClientSampleId :
ZONE-A

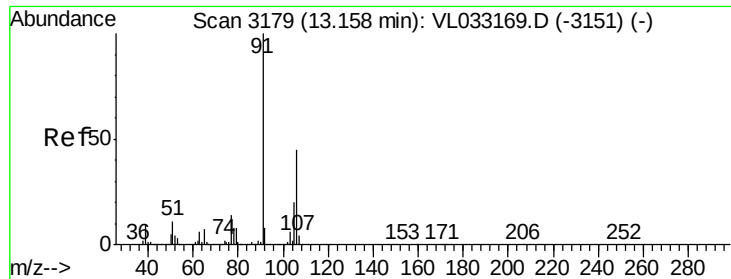
Tot Ion:117 Resp: 2187730
Ion Ratio Lower Upper
117 100
82 67.2 49.5 74.3
119 32.1 24.4 36.6



#58
Ethyl Benzene
Concen: 0.332 ppbv
RT: 12.86 min Scan# 3087
Delta R.T. -0.01 min
Lab File: VL033205.D
Acq: 14 Feb 2019 19:38

Tgt Ion: 91 Resp: 117389
Ion Ratio Lower Upper
91 100
106 25.0 23.8 35.8

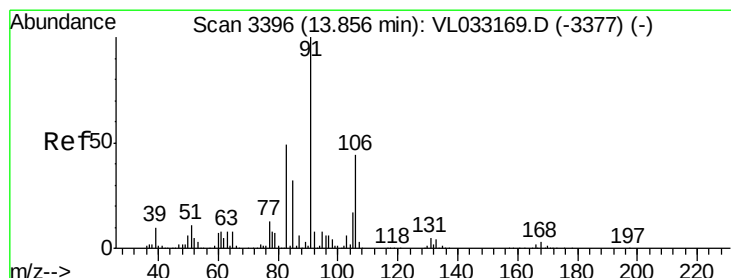
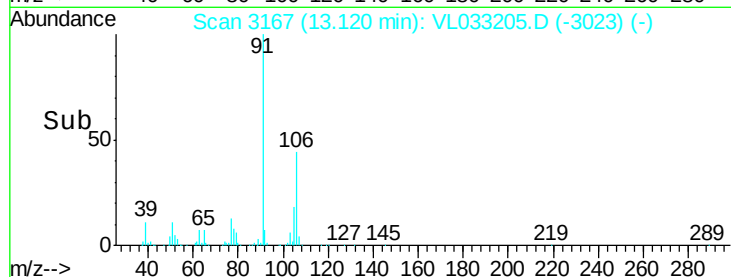
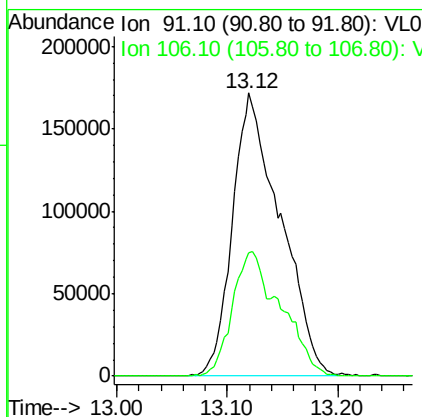
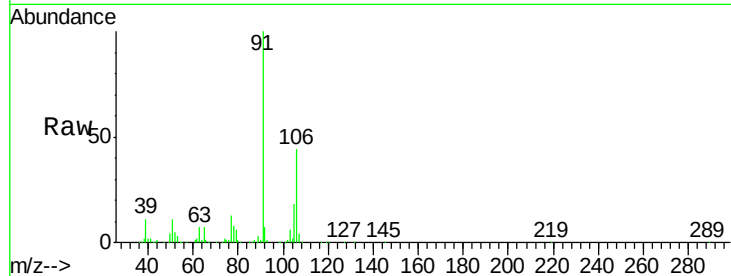




#59
m/p-Xylene
Concen: 1.746 ppbv
RT: 13.12 min Scan# 3167
Delta R.T. -0.04 min
Lab File: VL033205.D
Acq: 14 Feb 2019 19:38

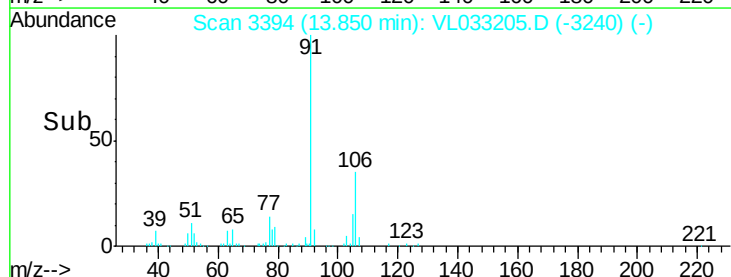
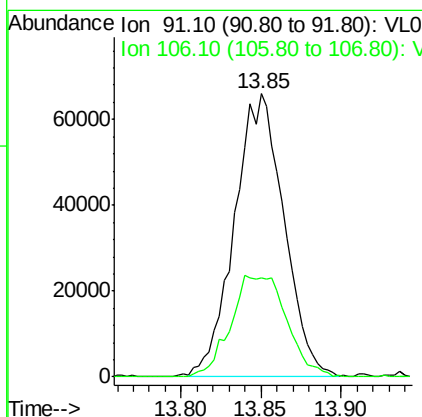
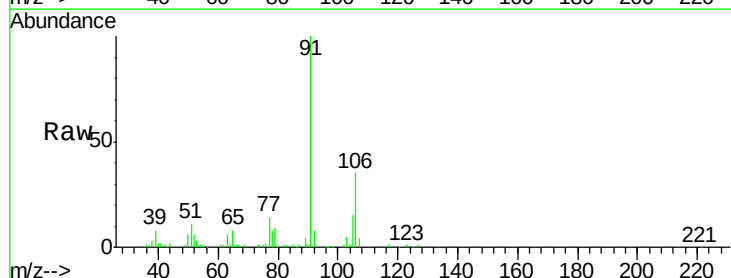
Instrument :
MSVOA_L
ClientSampleId :
ZONE-A

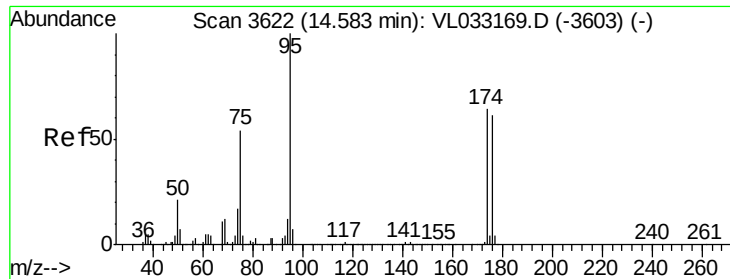
Tot Ion: 91 Resp: 515957
Ion Ratio Lower Upper
91 100
106 44.4 0.0 0.0#



#60
o-Xylene
Concen: 0.487 ppbv
RT: 13.85 min Scan# 3394
Delta R.T. -0.01 min
Lab File: VL033205.D
Acq: 14 Feb 2019 19:38

Tgt Ion: 91 Resp: 139870
Ion Ratio Lower Upper
91 100
106 40.4 21.8 65.3

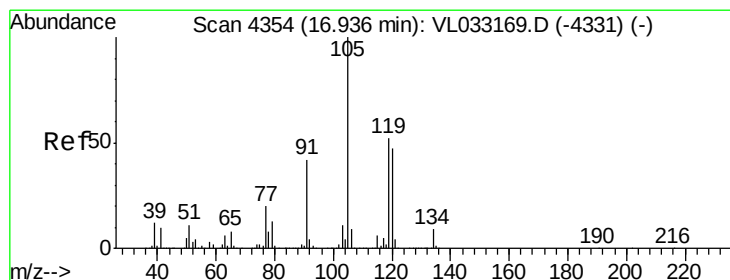
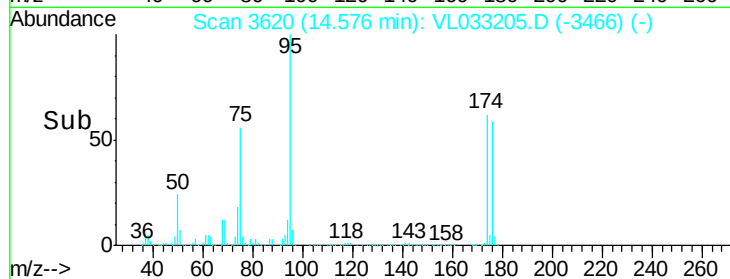
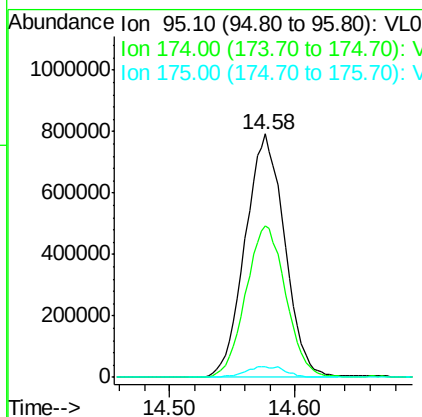
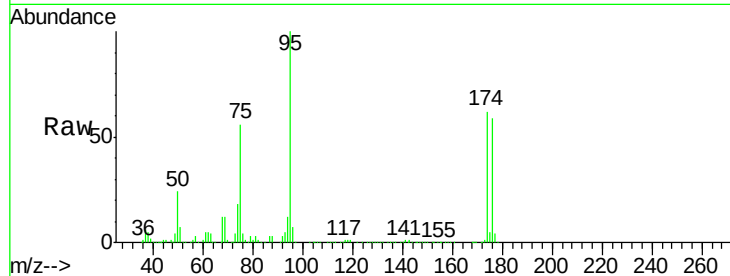




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.296 ppbv
 RT: 14.58 min Scan# 3620
 Delta R.T. -0.01 min
 Lab File: VL033205.D
 Acq: 14 Feb 2019 19:38

Instrument :
 MSVOA_L
 ClientSampleId :
 ZONE-A

Tot Ion: 95 Resp: 1734775
 Ion Ratio Lower Upper
 95 100
 174 63.5 51.2 76.8
 175 4.6 3.8 5.6



#74
 1,2,4-Trimethylbenzene
 Concen: 0.232 ppbv
 RT: 16.92 min Scan# 4350
 Delta R.T. -0.01 min
 Lab File: VL033205.D
 Acq: 14 Feb 2019 19:38

Tgt Ion: 105 Resp: 76308
 Ion Ratio Lower Upper
 105 100
 120 47.8 37.9 56.9
 91 14.6 34.0 51.0#
 77 15.0 15.7 23.5#

