

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080819\
 Data File : VN057125.D
 Acq On : 8 Aug 2019 12:21
 Operator : JC/SP
 Sample : K4200-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-14

Quant Time: Aug 09 03:13:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1528473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	2129682	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.90	117	1775217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	468502	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	697257	44.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.72%	
35) Dibromofluoromethane	6.99	113	642168	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	9.56	98	2510294	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.92	95	669263	40.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.26%	

Target Compounds					Qvalue	
5) Bromomethane	2.45	94	2384	0.231	ug/l	81
8) Diethyl Ether	3.14	74	2559	0.304	ug/l	93
11) Tert butyl alcohol	4.23	59	2667	1.192	ug/l #	73
13) Acrolein	3.31	56	341	0.241	ug/l #	39
16) Acetone	3.48	43	54426	11.465	ug/l	93
18) Methyl Acetate	3.90	43	14478	0.371	ug/l	96
20) Methylene Chloride	4.10	84	142307	9.083	ug/l	96
25) 2-Butanone	6.22	43	4582	0.632	ug/l #	80
31) Cyclohexane	7.05	56	21796	0.956	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	93842	5.352	ug/l #	48
38) Carbon Tetrachloride	7.05	117	131120	7.175	ug/l #	16
43) Isopropyl Acetate	7.56	43	56358	2.285	ug/l #	89
48) Methyl methacrylate	8.62	41	22701	1.952	ug/l #	10
49) 1,4-Dioxane	8.64	88	64	0.270	ug/l #	1
51) 4-Methyl-2-Pentanone	9.45	43	9656	0.673	ug/l	92
54) cis-1,3-Dichloropropene	9.36	75	150863	7.058	ug/l #	60
57) 1,3-Dichloropropane	10.25	76	30463	1.363	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.15	63	161	13.136	ug/l #	47
59) 2-Hexanone	10.25	43	400124	41.181	ug/l #	50
73) Isopropylbenzene	11.76	105	3320	Below Cal		99
74) N-amyl acetate	11.39	43	36055	3.037	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.03	83	63	Below Cal	#	25
76) 1,2,3-Trichloropropane	11.92	75	306203	32.445	ug/l #	100
79) 2-Chlorotoluene	12.19	91	3177	Below Cal		71
80) 1,3,5-Trimethylbenzene	12.26	105	20971	0.580	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.92	75	306203	96.099	ug/l #	14
83) tert-Butylbenzene	12.52	119	1949	Below Cal	#	80
84) 1,2,4-Trimethylbenzene	12.57	105	23453	0.671	ug/l	100
89) n-Butylbenzene	13.15	91	6488	0.262	ug/l #	70
90) Hexachloroethane	13.42	117	1159	Below Cal	#	4
93) 1,2,4-Trichlorobenzene	14.45	180	2432	6.246	ug/l #	20
94) Hexachlorobutadiene	14.55	225	1173	Below Cal		95
95) Naphthalene	14.67	128	58873	7.598	ug/l	97
96) 1,2,3-Trichlorobenzene	14.84	180	3732	6.192	ug/l #	80

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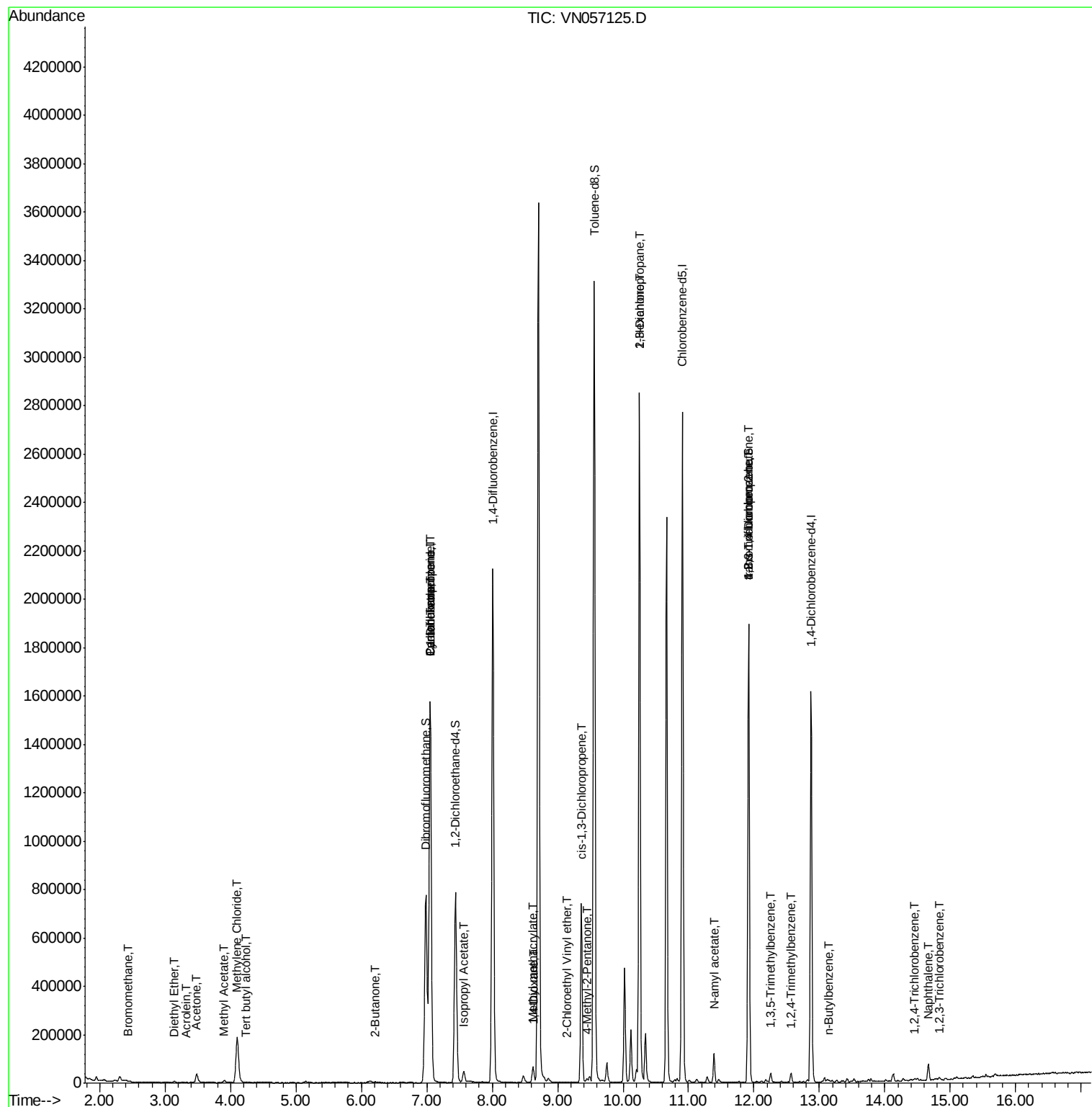
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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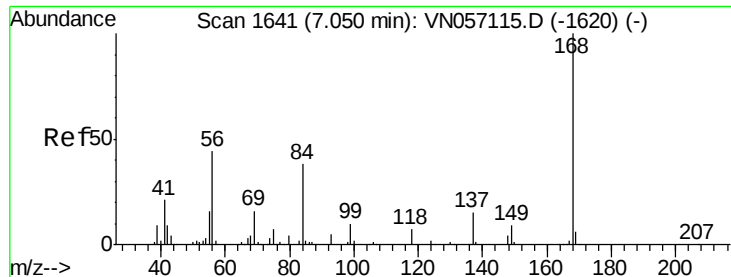
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057125.D

Acq: 8 Aug 2019 12:21

Instrument :

MSVOA_N

ClientSampled :

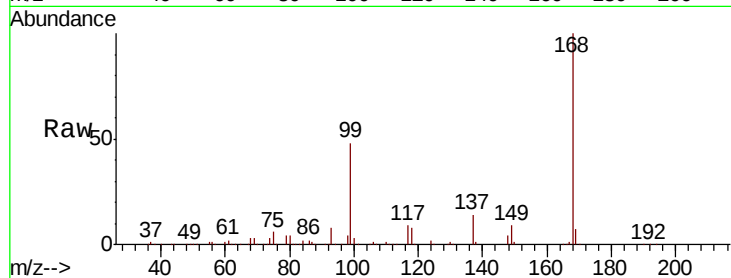
TP-14

Tgt Ion:168 Resp: 1528473

Ion Ratio Lower Upper

168 100

99 47.7 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.05

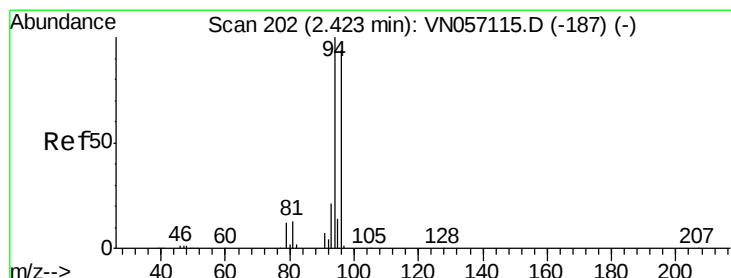
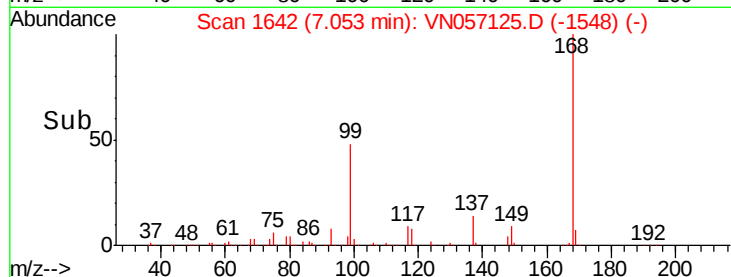
600000

400000

200000

0

Time-->



#5

Bromomethane

Concen: 0.231 ug/l

RT: 2.45 min Scan# 210

Delta R.T. 0.03 min

Lab File: VN057125.D

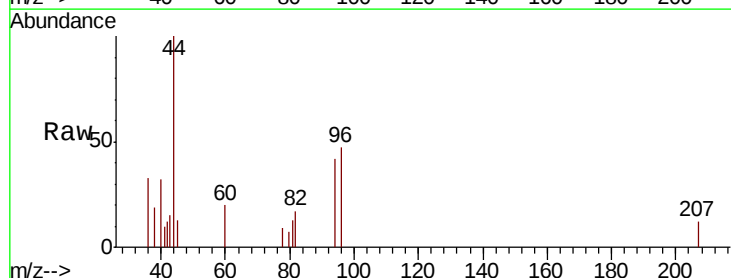
Acq: 8 Aug 2019 12:21

Tgt Ion: 94 Resp: 2384

Ion Ratio Lower Upper

94 100

96 112.4 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.45

1200

1000

800

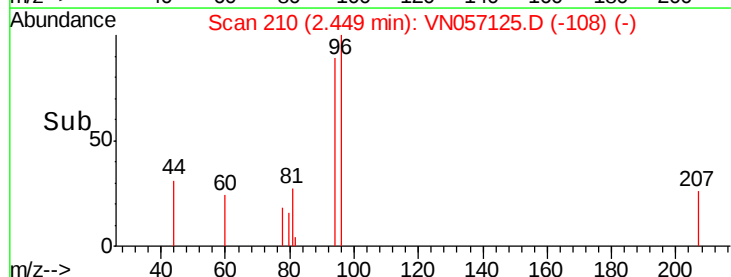
600

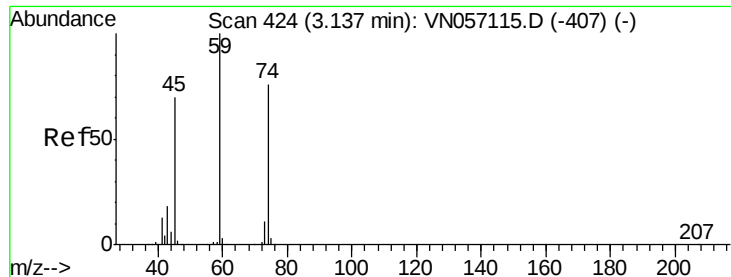
400

200

0

Time-->





#8

Diethyl Ether

Concen: 0.304 ug/l

RT: 3.14 min Scan# 424

Delta R.T. -0.00 min

Lab File: VN057125.D

Acq: 8 Aug 2019 12:21

Instrument :

MSVOA_N

ClientSampled :

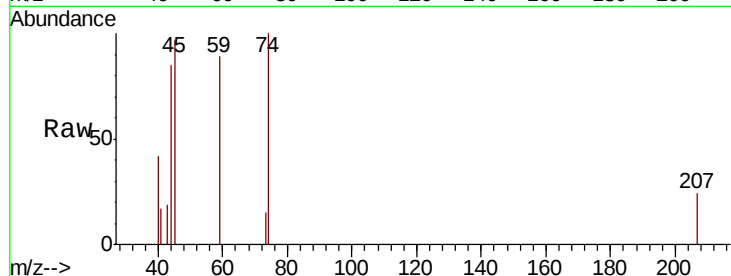
TP-14

Tgt Ion: 74 Resp: 2559

Ion Ratio Lower Upper

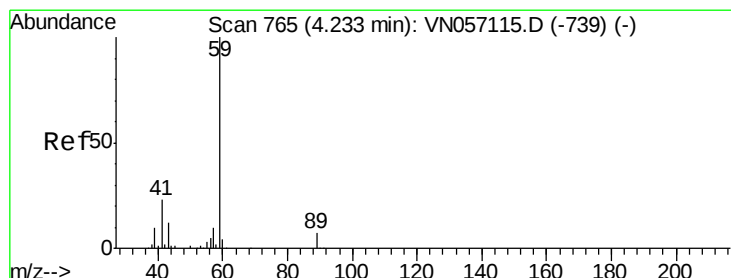
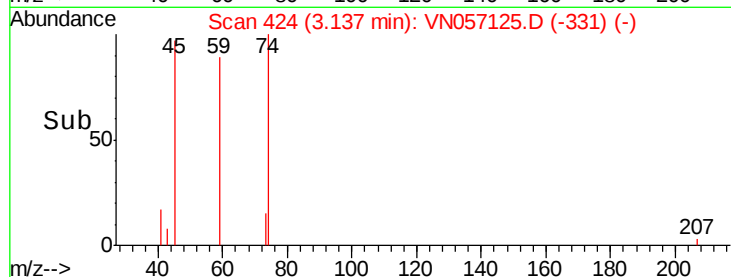
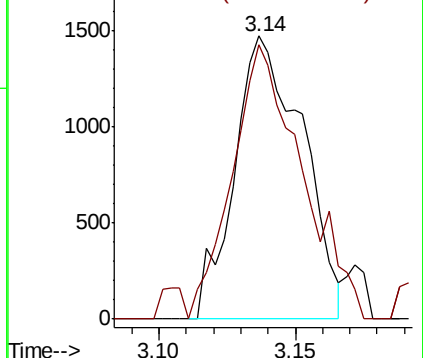
74 100

45 99.0 46.3 138.8



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#11

Tert butyl alcohol

Concen: 1.192 ug/l

RT: 4.23 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN057125.D

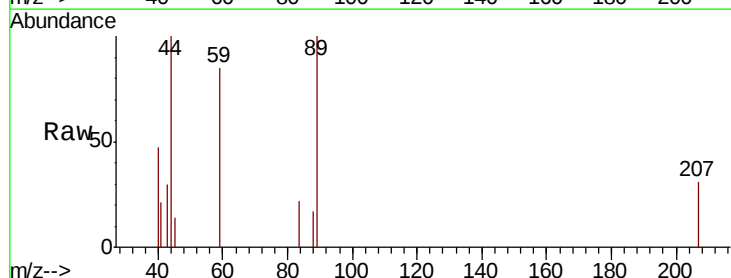
Acq: 8 Aug 2019 12:21

Tgt Ion: 59 Resp: 2667

Ion Ratio Lower Upper

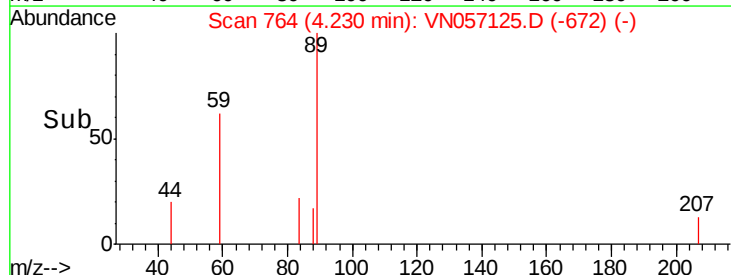
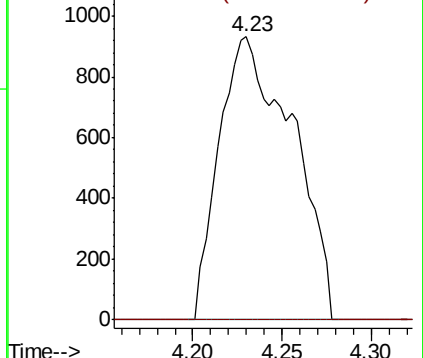
59 100

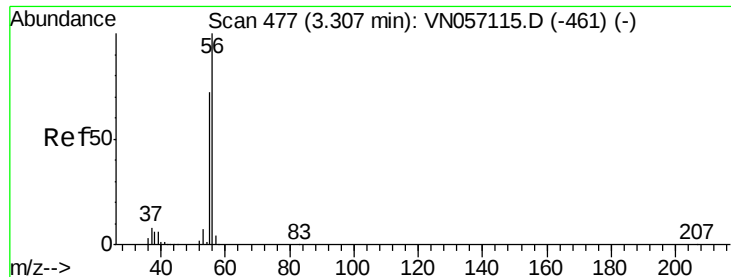
57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

Acrolein

Concen: 0.241 ug/l

RT: 3.31 min Scan# 478

Delta R.T. 0.00 min

Lab File: VN057125.D

Acq: 8 Aug 2019 12:21

Instrument :

MSVOA_N

ClientSampled :

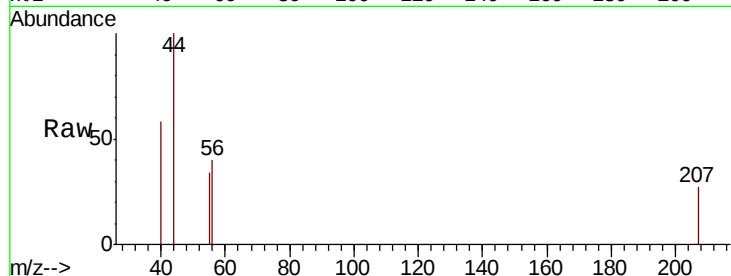
TP-14

Tgt Ion: 56 Resp: 341

Ion Ratio Lower Upper

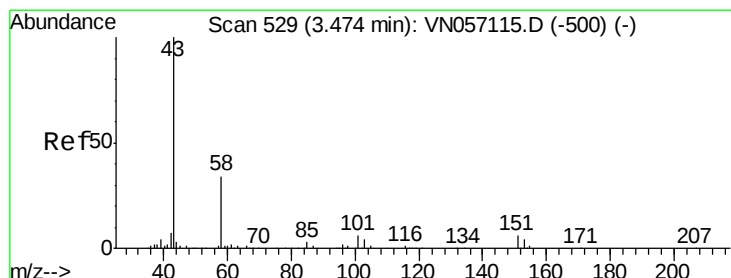
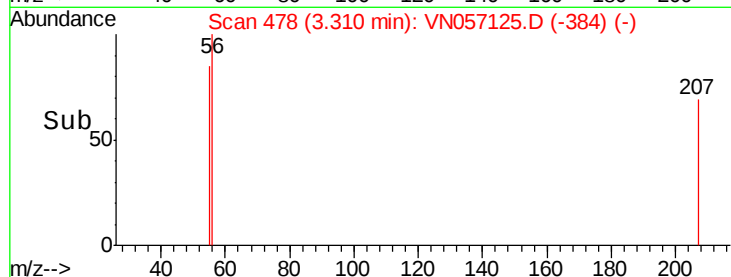
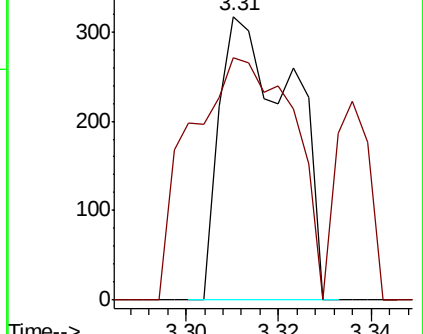
56 100

55 122.6 57.7 86.5#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 11.465 ug/l

RT: 3.48 min Scan# 531

Delta R.T. 0.01 min

Lab File: VN057125.D

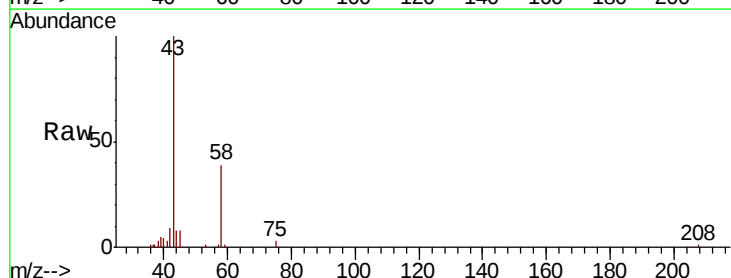
Acq: 8 Aug 2019 12:21

Tgt Ion: 43 Resp: 54426

Ion Ratio Lower Upper

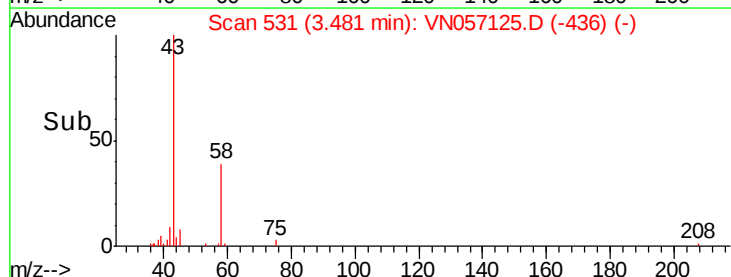
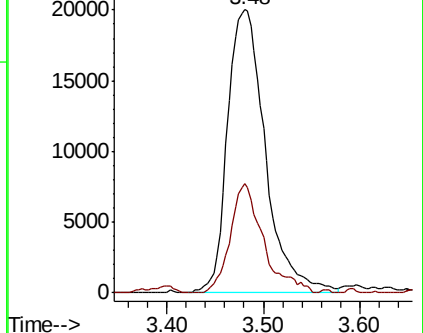
43 100

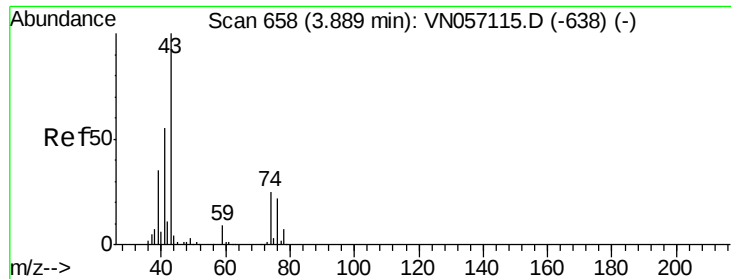
58 38.6 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

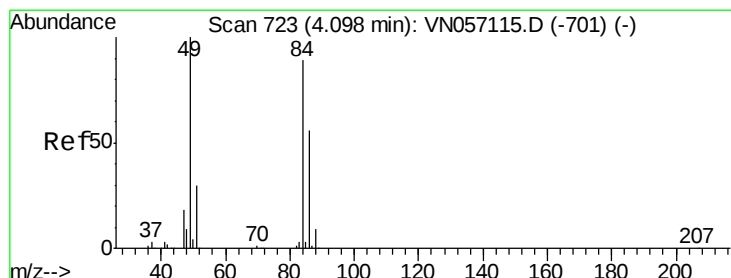
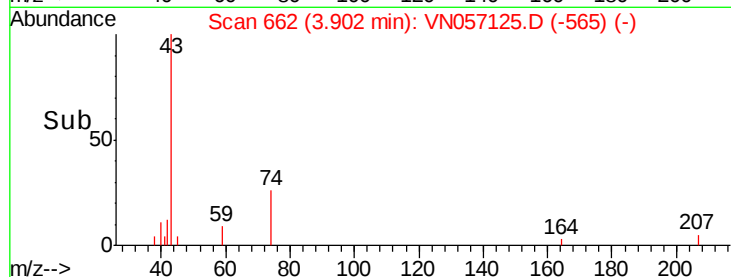
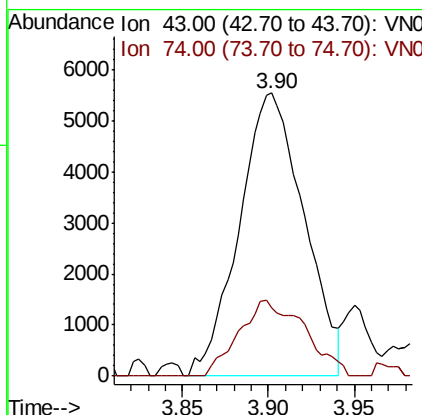
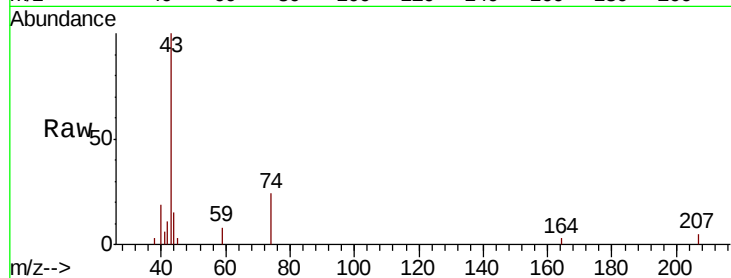




#18
Methyl Acetate
Concen: 0.371 ug/l
RT: 3.90 min Scan# 662
Delta R.T. 0.01 min
Lab File: VN057125.D
Acq: 8 Aug 2019 12:21

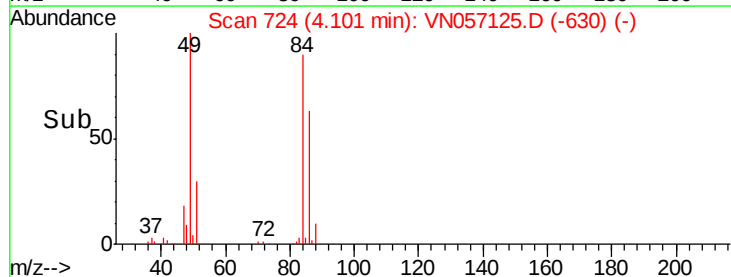
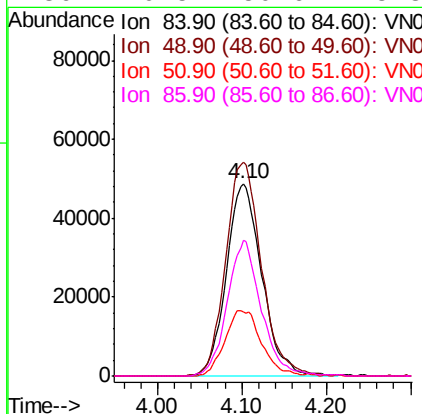
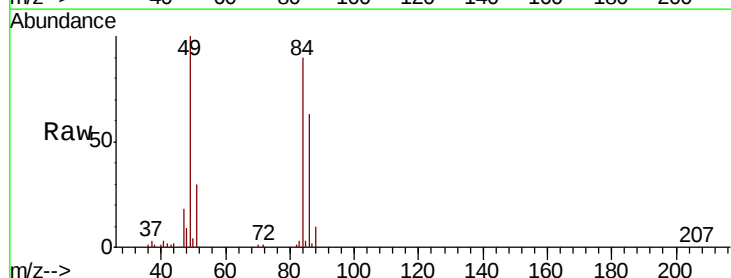
Instrument :
MSVOA_N
ClientSampled :
TP-14

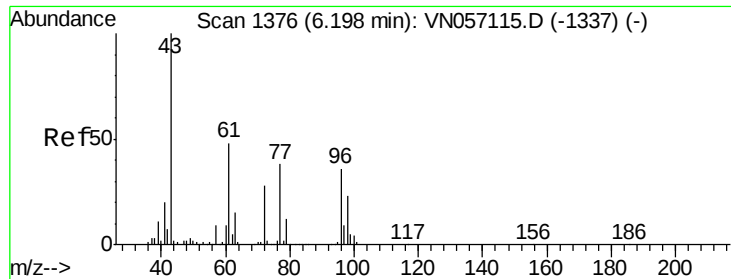
Tgt Ion: 43 Resp: 14478
Ion Ratio Lower Upper
43 100
74 27.3 20.2 30.4



#20
Methylene Chloride
Concen: 9.083 ug/l
RT: 4.10 min Scan# 724
Delta R.T. 0.00 min
Lab File: VN057125.D
Acq: 8 Aug 2019 12:21

Tgt Ion: 84 Resp: 142307
Ion Ratio Lower Upper
84 100
49 110.8 89.5 134.3
51 33.1 27.2 40.8
86 70.5 50.6 75.8

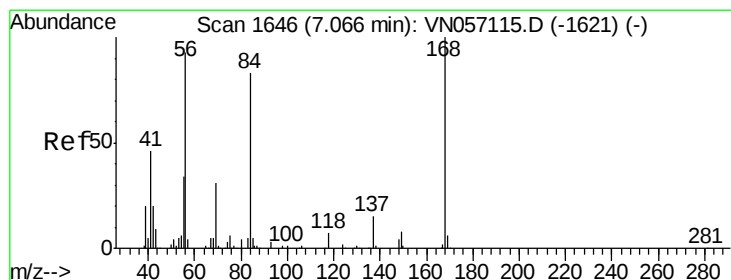
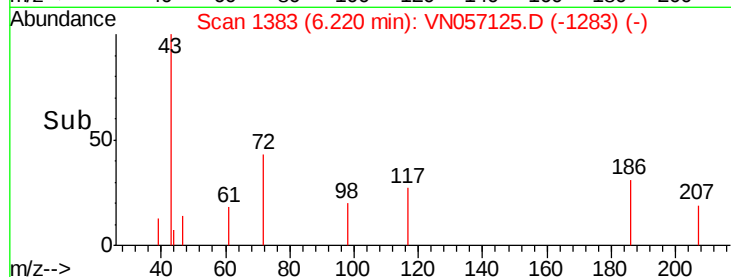
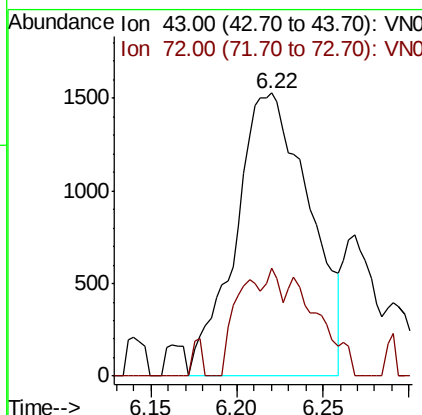
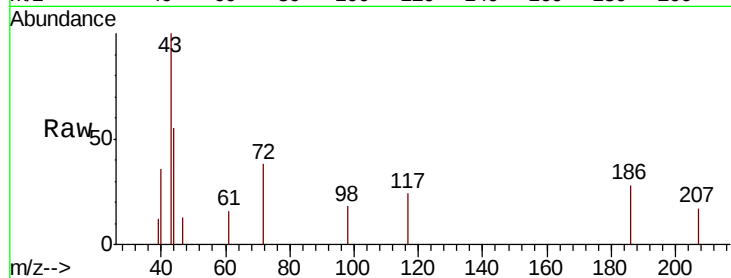




#25
2-Butanone
Concen: 0.632 ug/l
RT: 6.22 min Scan# 1383
Delta R.T. 0.02 min
Lab File: VN057125.D
Acq: 8 Aug 2019 12:21

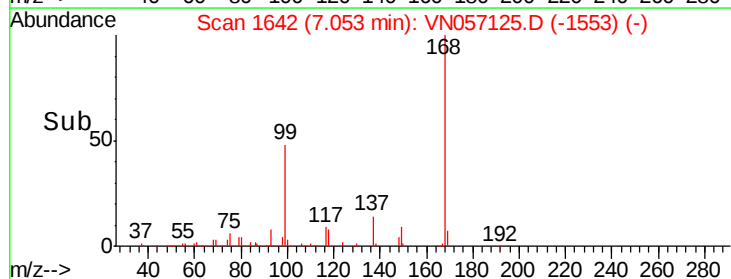
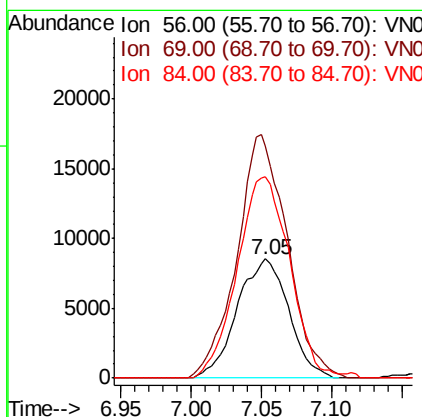
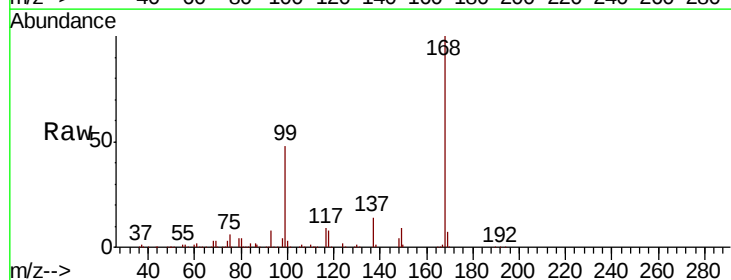
Instrument :
MSVOA_N
ClientSampleId :
TP-14

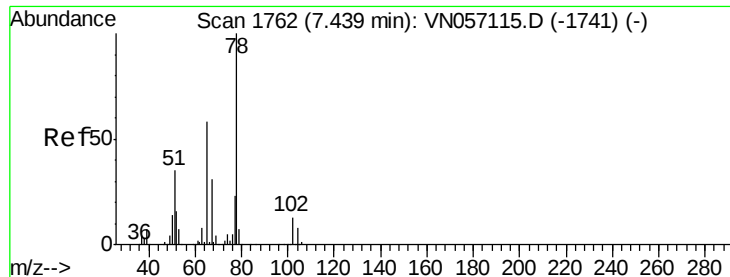
Tgt Ion: 43 Resp: 4582
Ion Ratio Lower Upper
43 100
72 38.2 22.2 33.4#



#31
Cyclohexane
Concen: 0.956 ug/l
RT: 7.05 min Scan# 1642
Delta R.T. -0.01 min
Lab File: VN057125.D
Acq: 8 Aug 2019 12:21

Tgt Ion: 56 Resp: 21796
Ion Ratio Lower Upper
56 100
69 194.4 26.9 40.3#
84 168.7 71.9 107.9#





#33

1,2-Dichloroethane-d4

Concen: 44.357 ug/l

RT: 7.44 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VN057125.D

Acq: 8 Aug 2019 12:21

Instrument :

MSVOA_N

ClientSampleId :

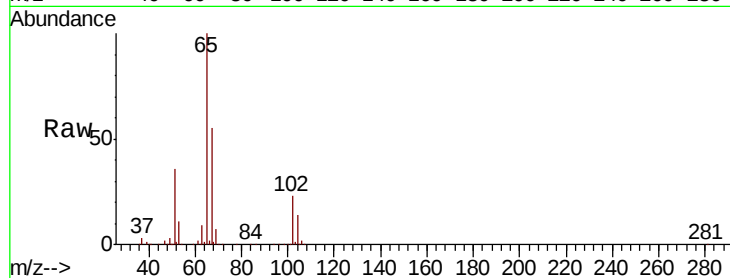
TP-14

Tgt Ion: 65 Resp: 697257

Ion Ratio Lower Upper

65 100

67 54.0 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.44

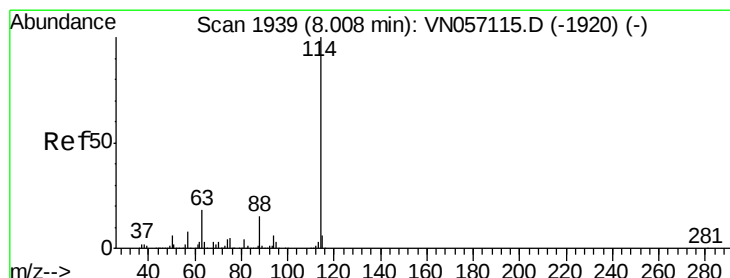
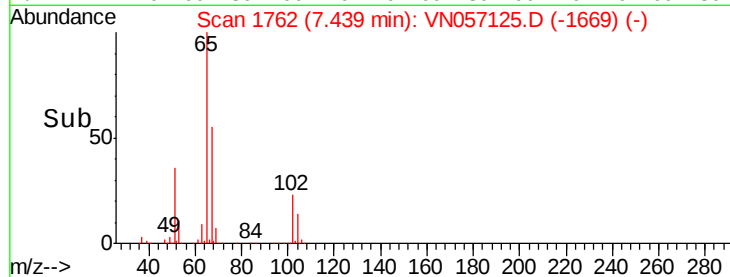
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. -0.00 min

Lab File: VN057125.D

Acq: 8 Aug 2019 12:21

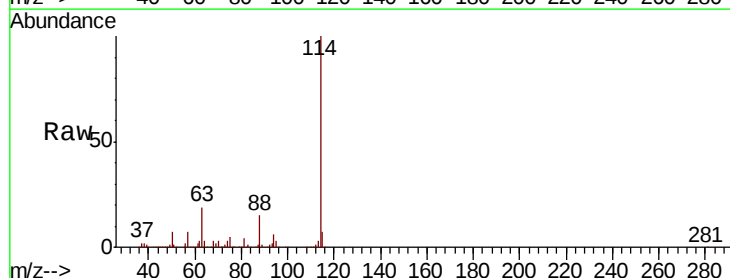
Tgt Ion: 114 Resp: 2129682

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.2

88 15.0 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

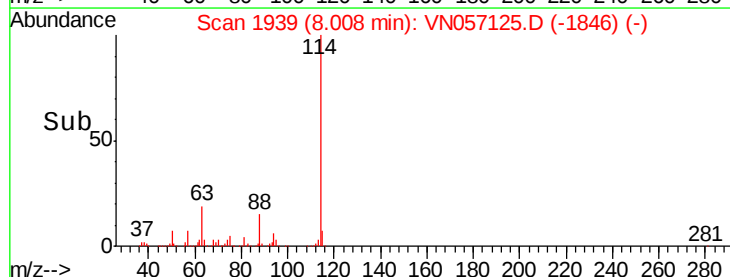
8.01

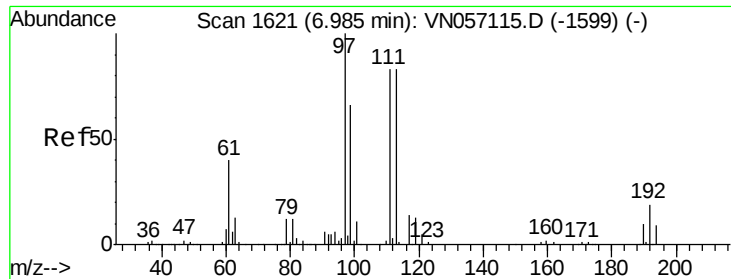
1000000

500000

0

Time-->

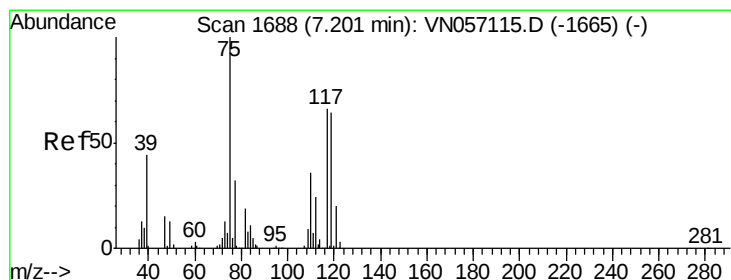
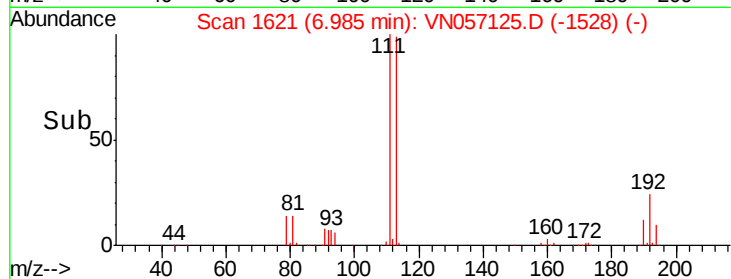
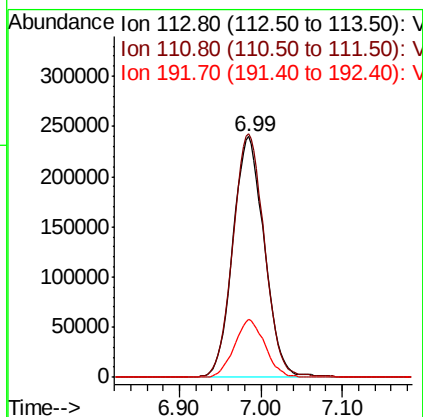
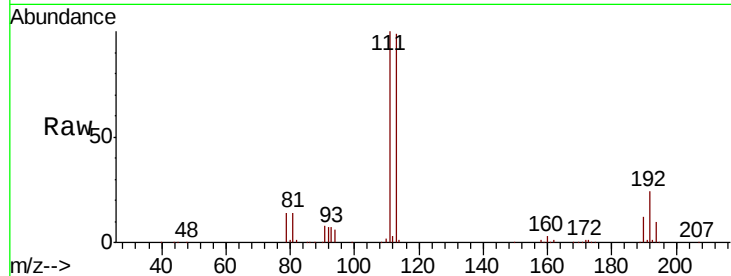




#35
 Dibromofluoromethane
 Concen: 48.052 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057125.D
 Acq: 8 Aug 2019 12:21

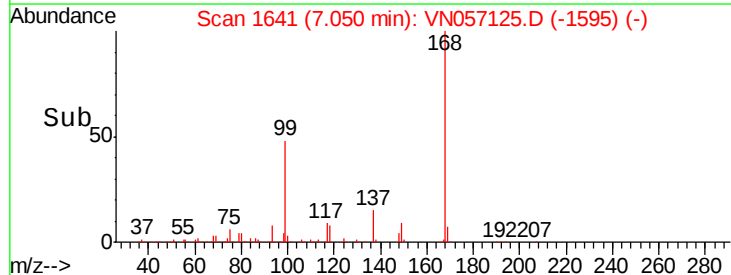
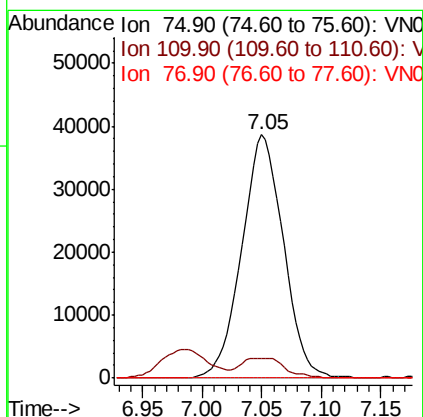
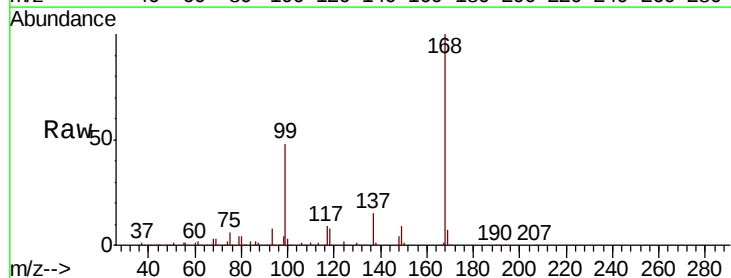
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-14

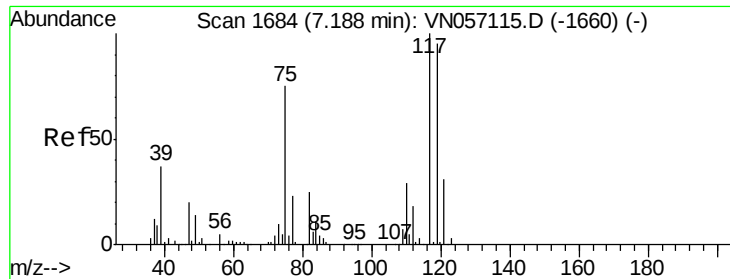
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.3	121.9
192	23.3	19.0	28.4



#36
 1,1-Dichloropropene
 Concen: 5.352 ug/l
 RT: 7.05 min Scan# 1641
 Delta R.T. -0.15 min
 Lab File: VN057125.D
 Acq: 8 Aug 2019 12:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.7	56.1#
77	0.0	25.0	37.4#

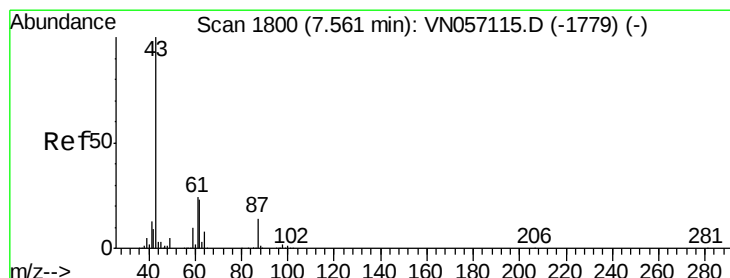
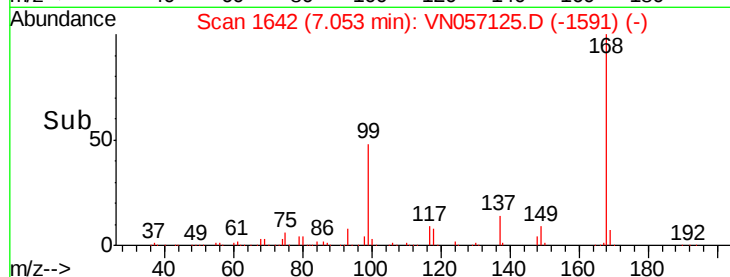
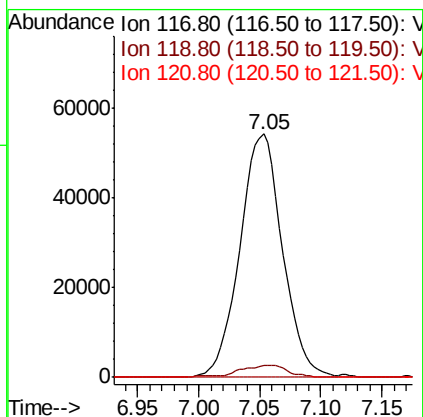
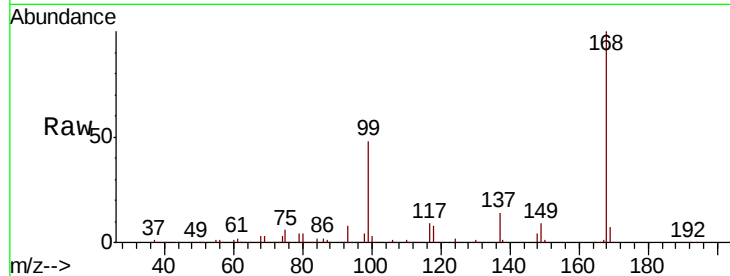




#38
Carbon Tetrachloride
Concen: 7.175 ug/l
RT: 7.05 min Scan# 1642
Delta R.T. -0.14 min
Lab File: VN057125.D
Acq: 8 Aug 2019 12:21

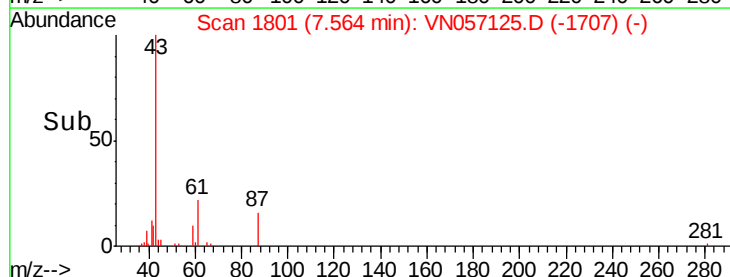
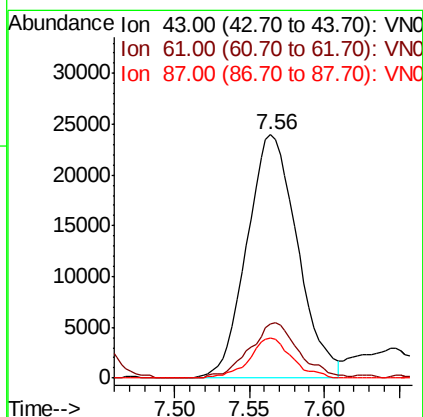
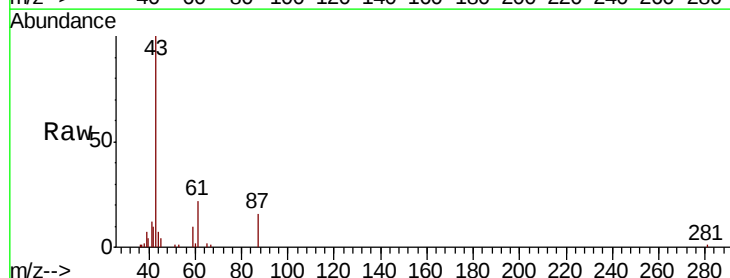
Instrument :
MSVOA_N
ClientSampleId :
TP-14

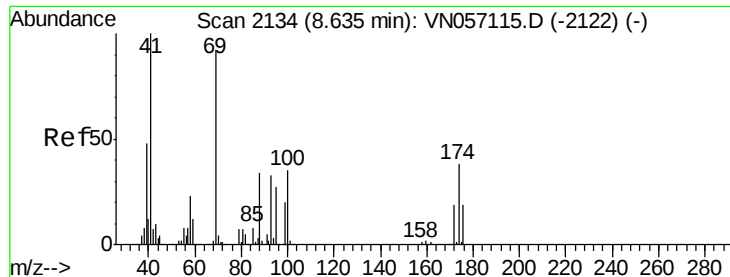
Tgt Ion: 117 Resp: 131120
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 2.285 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN057125.D
Acq: 8 Aug 2019 12:21

Tgt Ion: 43 Resp: 56358
Ion Ratio Lower Upper
43 100
61 22.0 24.2 36.2#
87 13.8 11.8 17.8

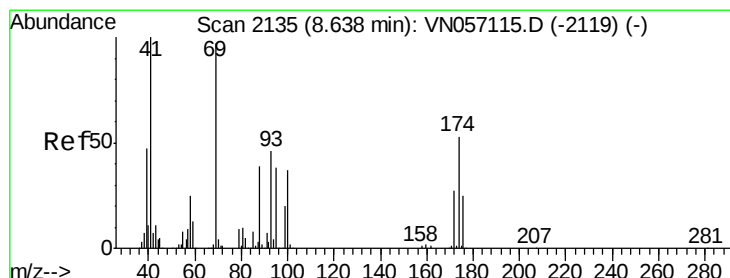
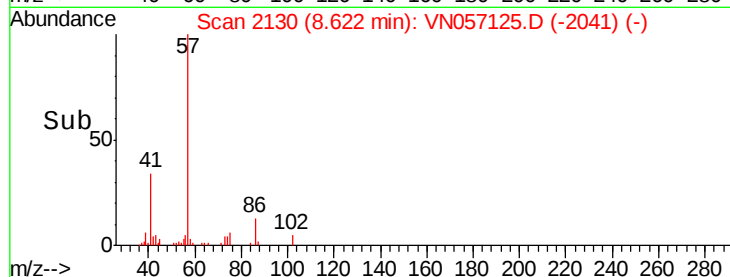
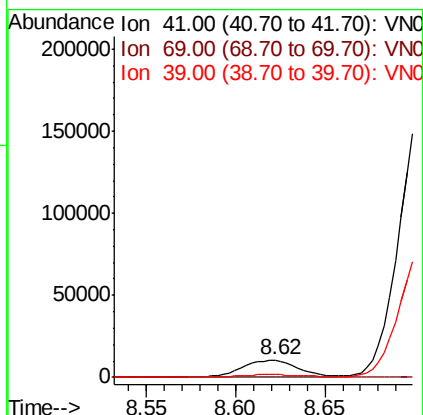
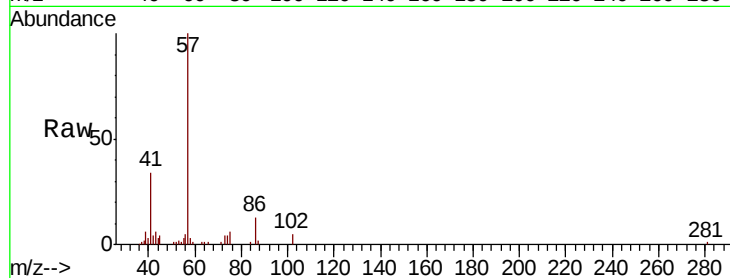




#48
Methyl methacrylate
Concen: 1.952 ug/l
RT: 8.62 min Scan# 2130
Delta R.T. -0.01 min
Lab File: VN057125.D
Acq: 8 Aug 2019 12:21

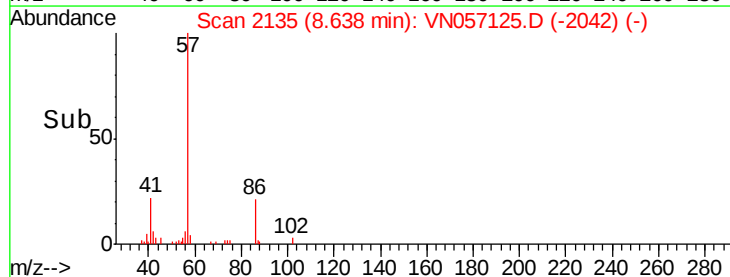
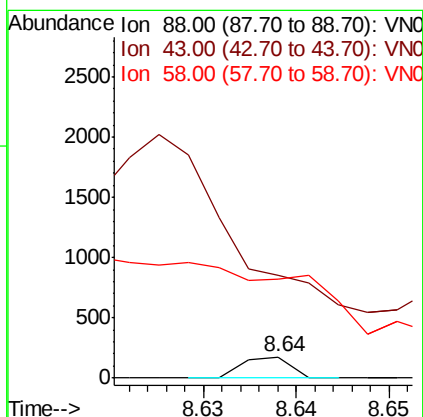
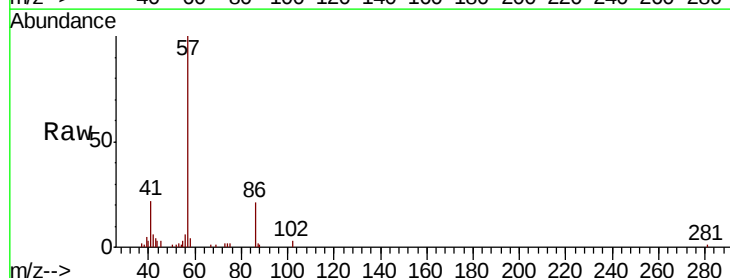
Instrument :
MSVOA_N
ClientSampled :
TP-14

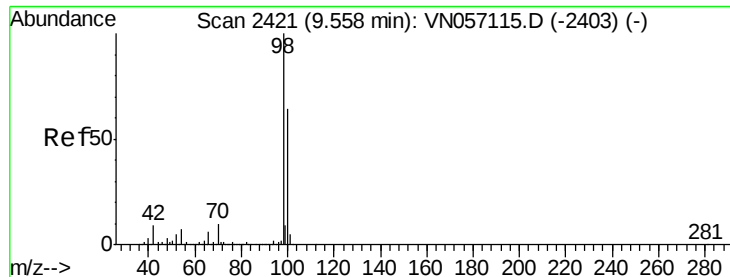
Tgt Ion: 41 Resp: 22701
Ion Ratio Lower Upper
41 100
69 0.3 77.5 116.3#
39 0.0 39.8 59.6#



#49
1,4-Dioxane
Concen: 0.270 ug/l
RT: 8.64 min Scan# 2135
Delta R.T. -0.00 min
Lab File: VN057125.D
Acq: 8 Aug 2019 12:21

Tgt Ion: 88 Resp: 64
Ion Ratio Lower Upper
88 100
43 0.0 21.7 32.5#
58 4367.2 51.1 76.7#

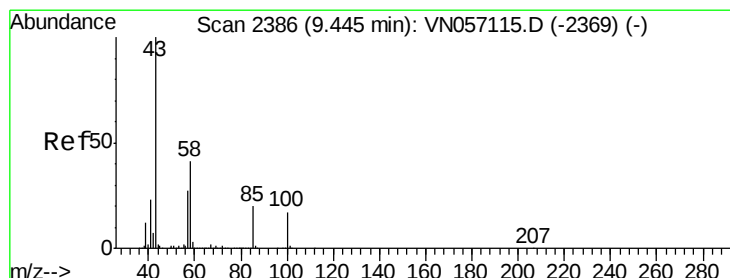
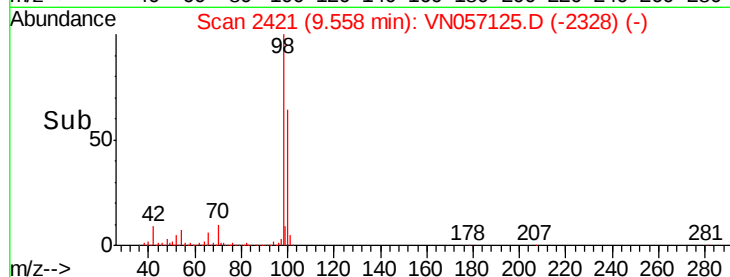
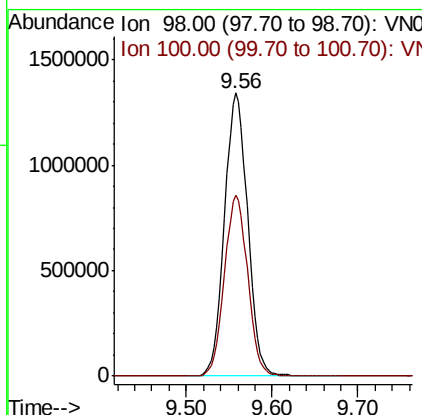
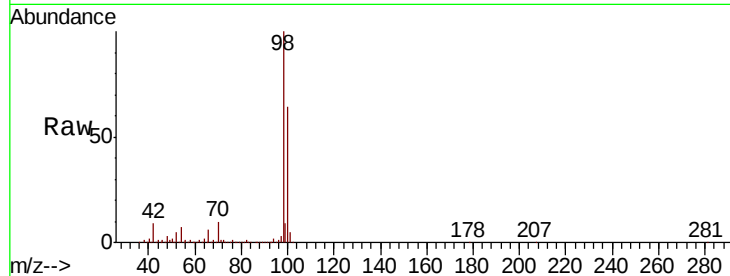




#50
Toluene-d8
Concen: 49.098 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057125.D
Acq: 8 Aug 2019 12:21

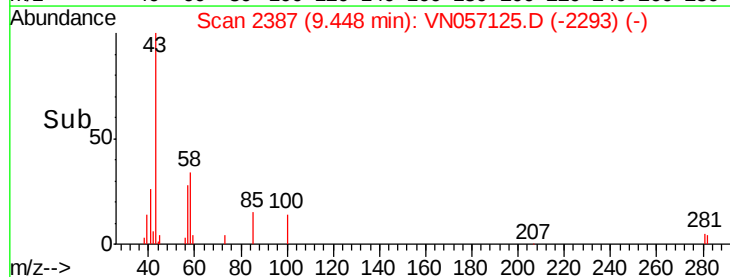
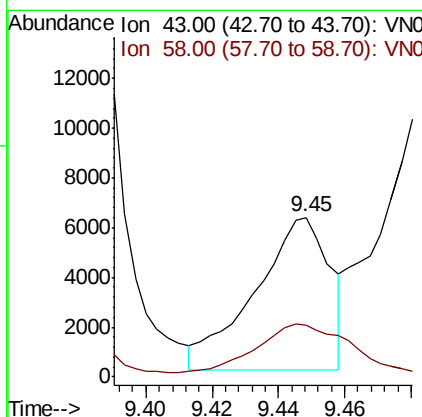
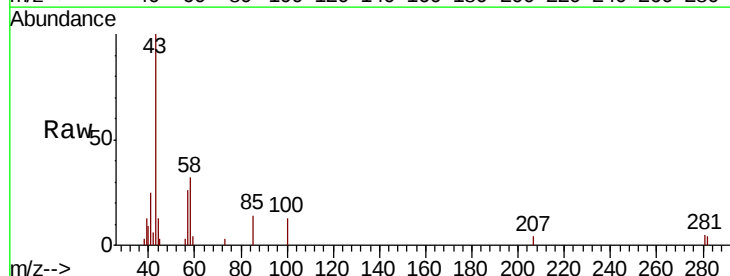
Instrument :
MSVOA_N
ClientSampled :
TP-14

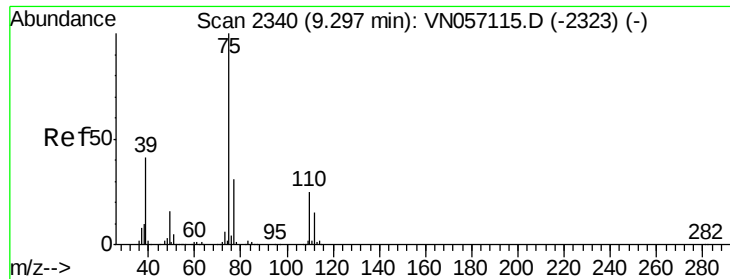
Tgt Ion: 98 Resp: 2510294
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 0.673 ug/l
RT: 9.45 min Scan# 2387
Delta R.T. 0.00 min
Lab File: VN057125.D
Acq: 8 Aug 2019 12:21

Tgt Ion: 43 Resp: 9656
Ion Ratio Lower Upper
43 100
58 46.5 33.2 49.8



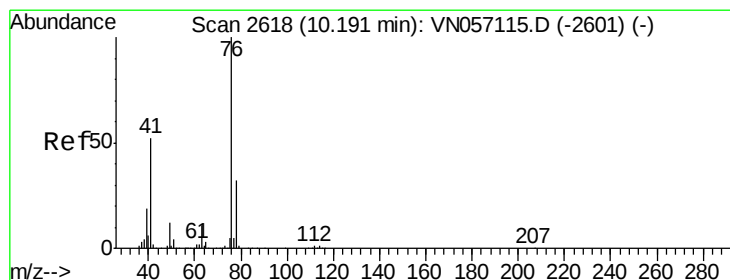
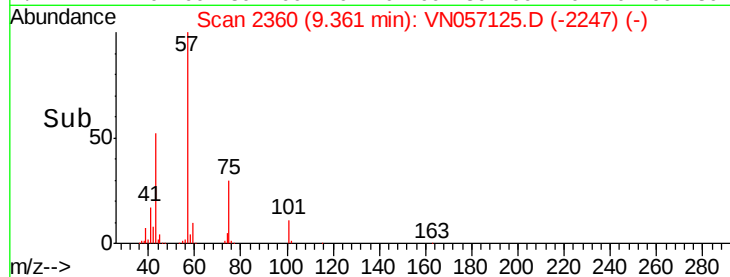
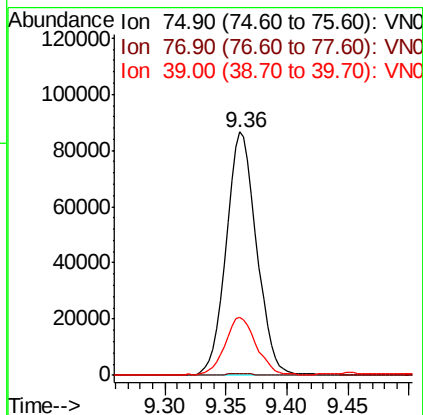
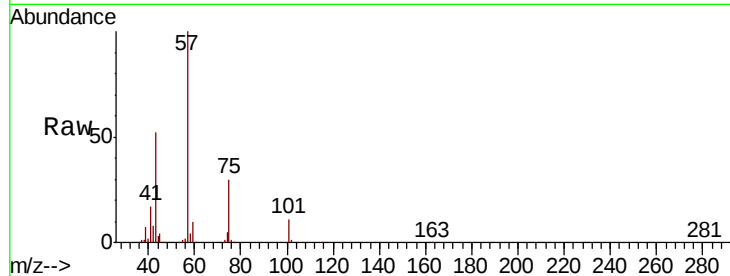


#54

cis-1,3-Dichloropropene
 Concen: 7.058 ug/l
 RT: 9.36 min Scan# 2360
 Delta R.T. 0.06 min
 Lab File: VN057125.D
 Acq: 8 Aug 2019 12:21

Instrument :
 MSVOA_N
 ClientSampled :
 TP-14

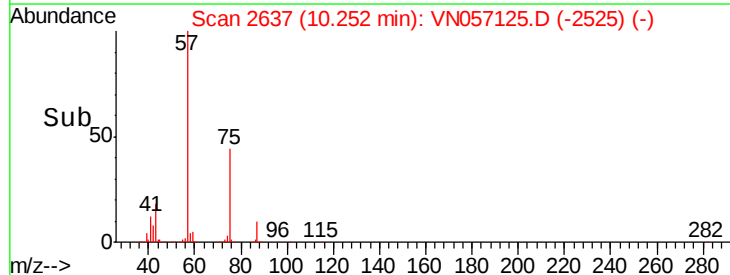
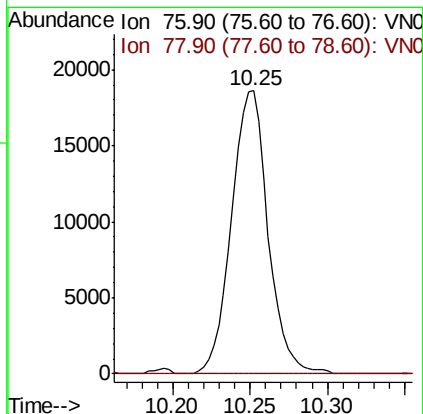
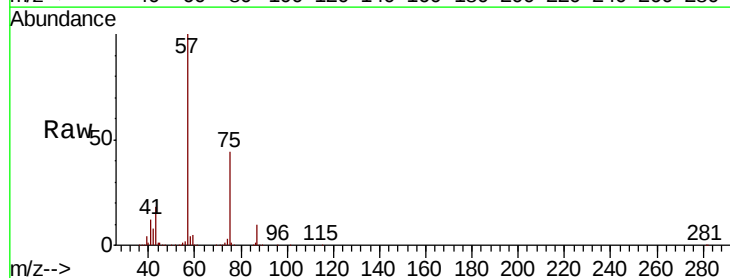
Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.1	37.7#
39	23.4	32.5	48.7#

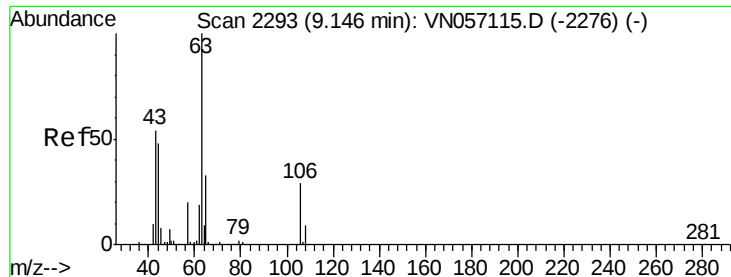


#57

1,3-Dichloropropene
 Concen: 1.363 ug/l
 RT: 10.25 min Scan# 2637
 Delta R.T. 0.06 min
 Lab File: VN057125.D
 Acq: 8 Aug 2019 12:21

Tgt Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.9	38.9#

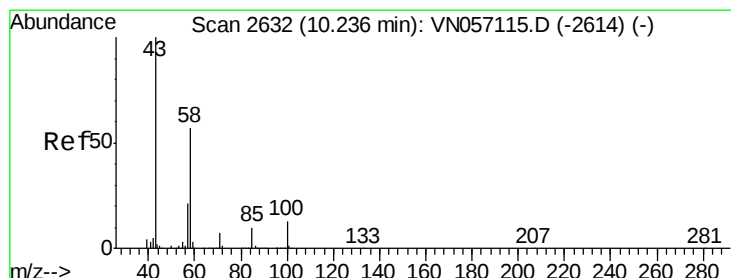
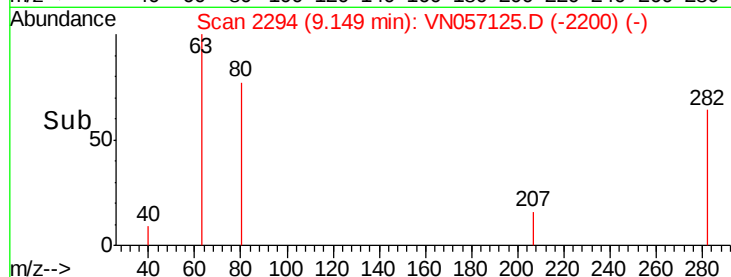
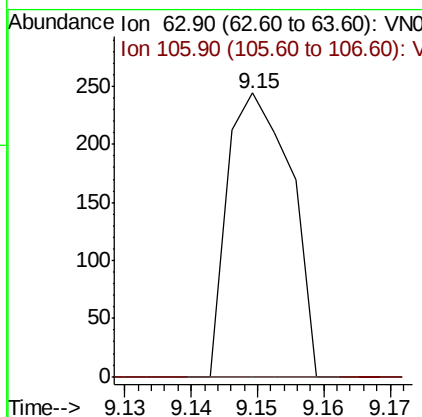
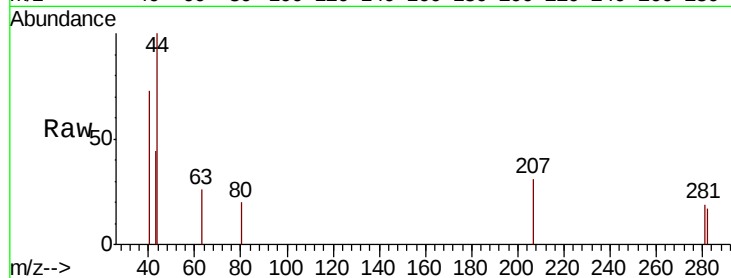




#58
 2-Chloroethyl Vinyl ether
 Concen: 13.136 ug/l
 RT: 9.15 min Scan# 2294
 Delta R.T. 0.00 min
 Lab File: VN057125.D
 Acq: 8 Aug 2019 12:21

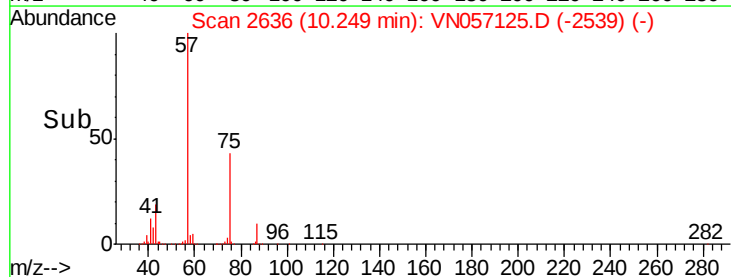
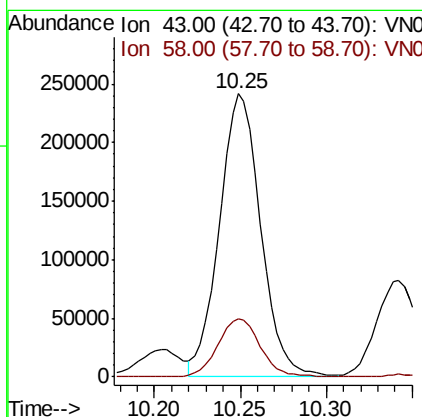
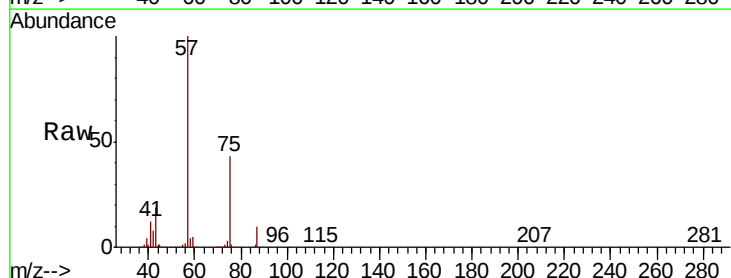
Instrument :
 MSVOA_N
 ClientSampled :
 TP-14

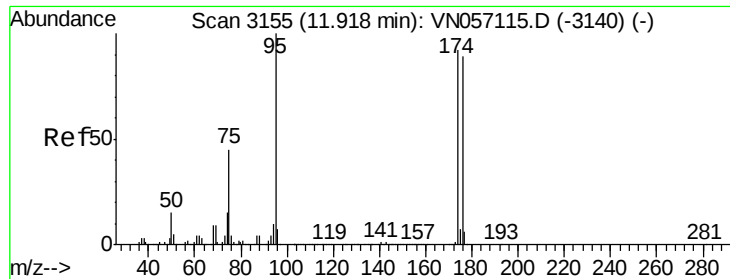
Tgt Ion: 63 Resp: 161
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.6 33.8#



#59
 2-Hexanone
 Concen: 41.181 ug/l
 RT: 10.25 min Scan# 2636
 Delta R.T. 0.01 min
 Lab File: VN057125.D
 Acq: 8 Aug 2019 12:21

Tgt Ion: 43 Resp: 400124
 Ion Ratio Lower Upper
 43 100
 58 21.2 29.2 87.6#

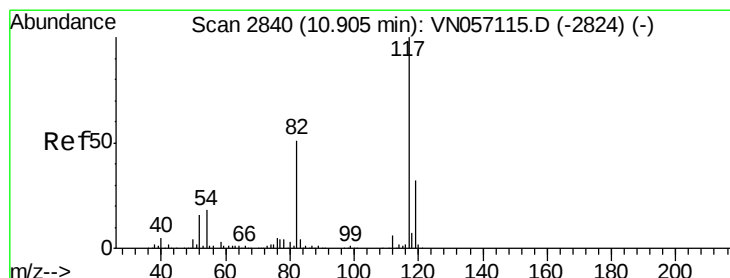
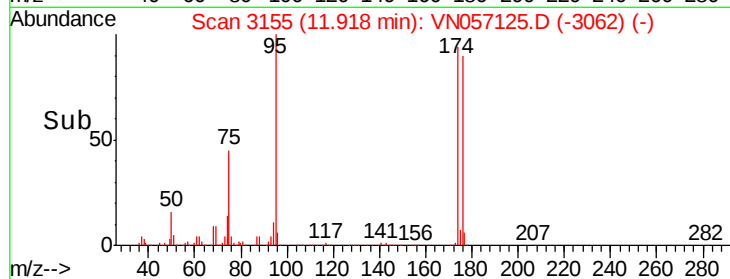
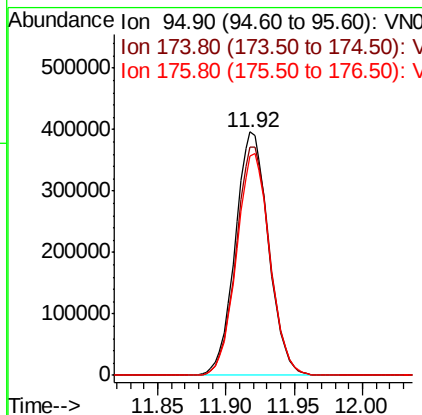
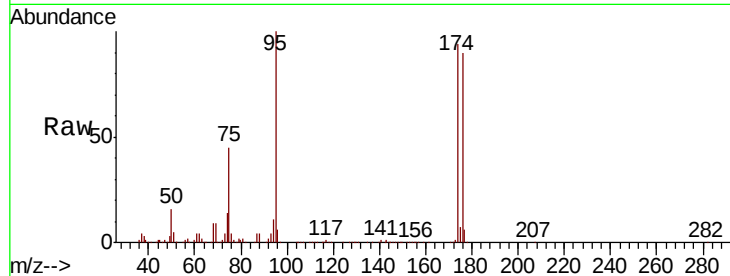




#62
4-Bromofluorobenzene
Concen: 40.625 ug/l
RT: 11.92 min Scan# 3155
Delta R.T. -0.00 min
Lab File: VN057125.D
Acq: 8 Aug 2019 12:21

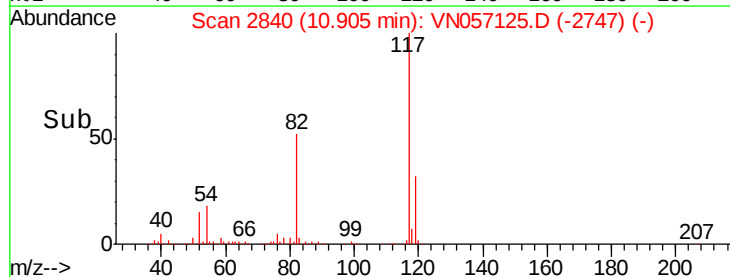
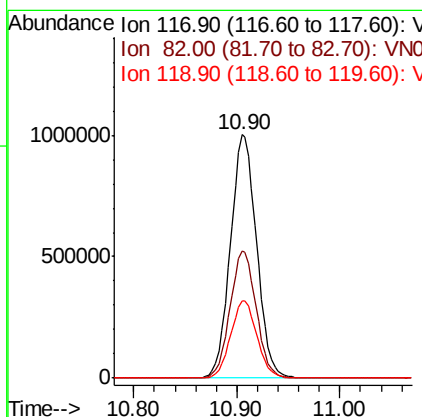
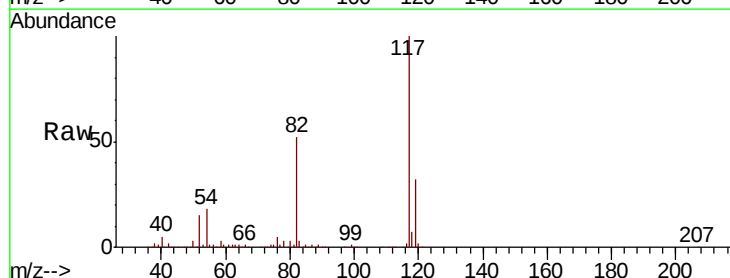
Instrument :
MSVOA_N
ClientSampled :
TP-14

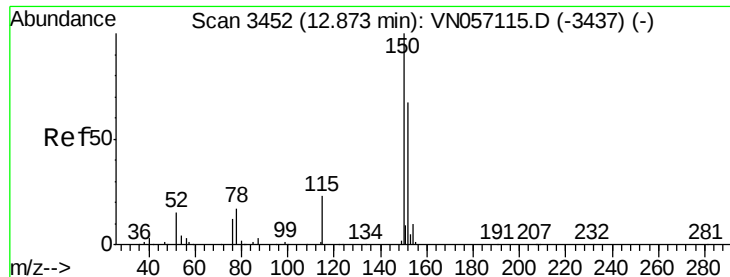
Tgt Ion: 95 Resp: 669263
Ion Ratio Lower Upper
95 100
174 94.6 0.0 185.0
176 91.5 0.0 181.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN057125.D
Acq: 8 Aug 2019 12:21

Tgt Ion: 117 Resp: 1775217
Ion Ratio Lower Upper
117 100
82 52.2 40.8 61.2
119 31.6 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.87 min Scan# 3452

Delta R.T. -0.00 min

Lab File: VN057125.D

Acq: 8 Aug 2019 12:21

Instrument :

MSVOA_N

ClientSampled :

TP-14

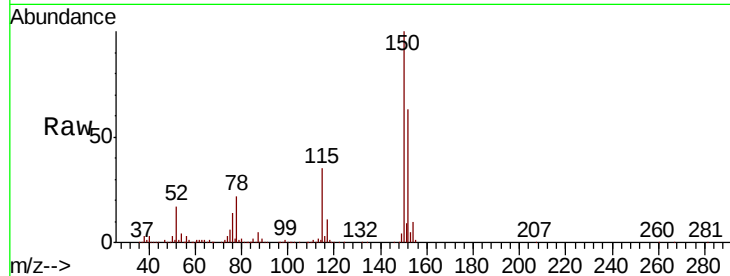
Tgt Ion:152 Resp: 468502

Ion Ratio Lower Upper

152 100

115 55.8 27.5 82.5

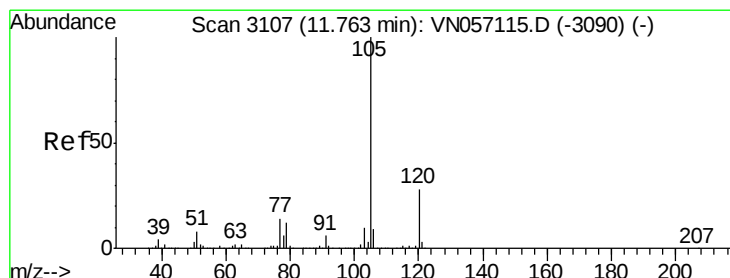
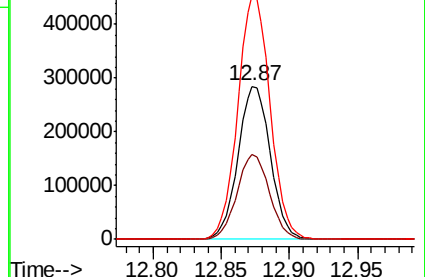
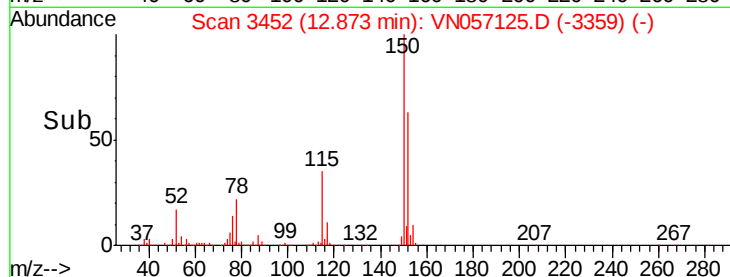
150 159.2 0.0 341.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: Below Cal

RT: 11.76 min Scan# 3107

Delta R.T. 0.00 min

Lab File: VN057125.D

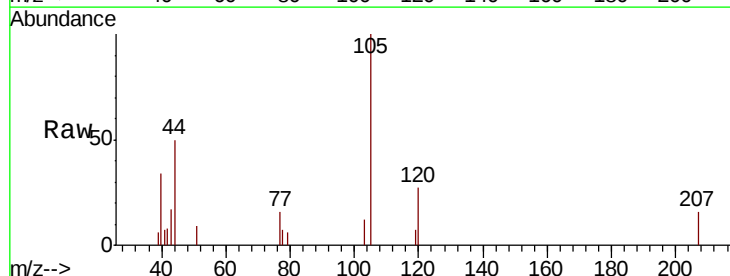
Acq: 8 Aug 2019 12:21

Tgt Ion:105 Resp: 3320

Ion Ratio Lower Upper

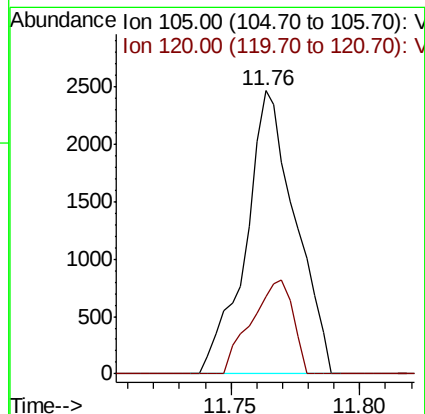
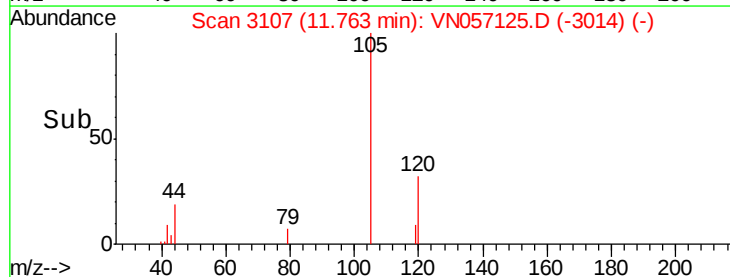
105 100

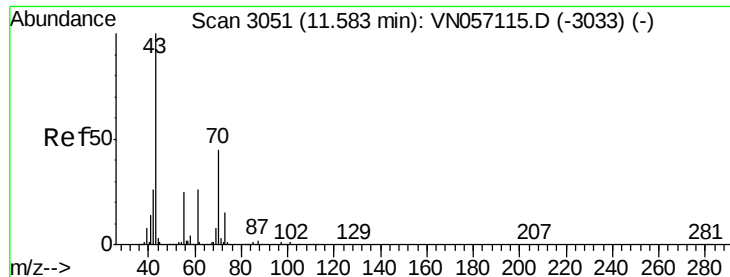
120 27.8 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

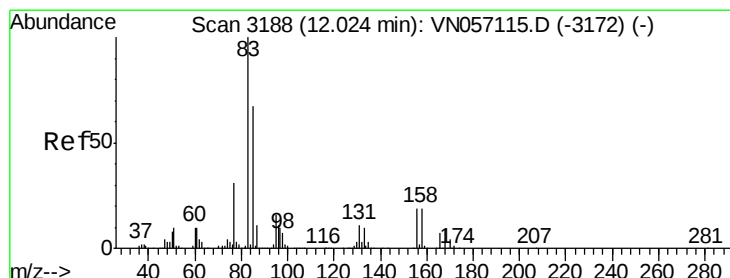
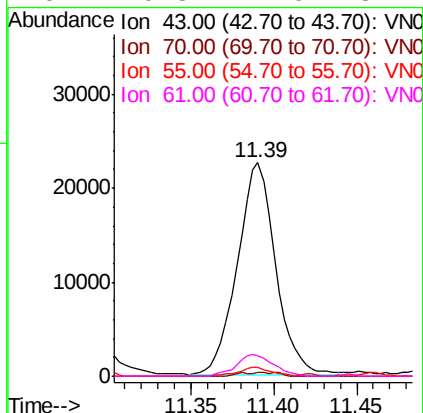
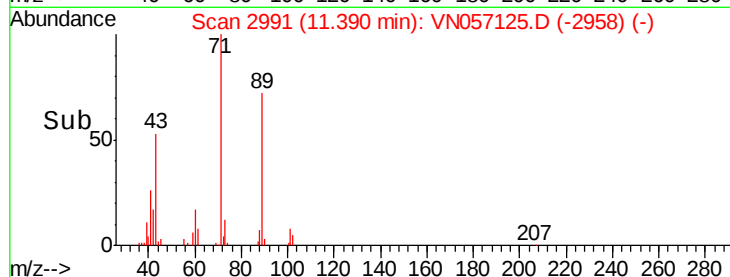
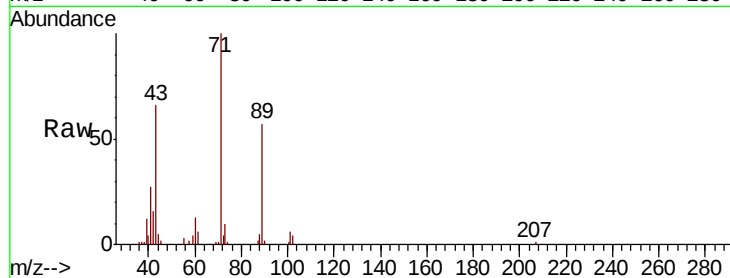




#74
N-ethyl acetate
Concen: 3.037 ug/l
RT: 11.39 min Scan# 2991
Delta R.T. -0.19 min
Lab File: VN057125.D
Acq: 8 Aug 2019 12:21

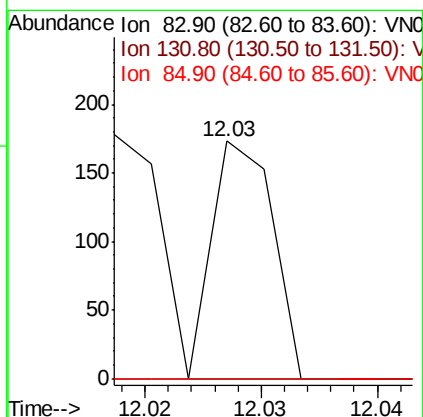
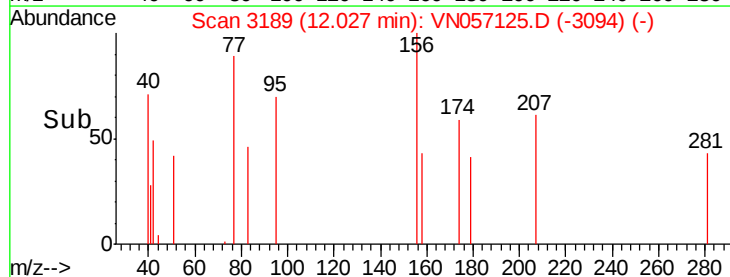
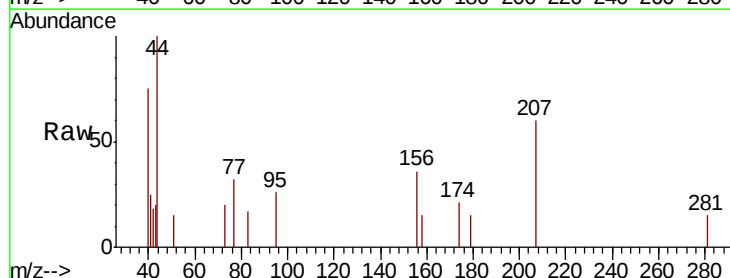
Instrument :
MSVOA_N
ClientSampled :
TP-14

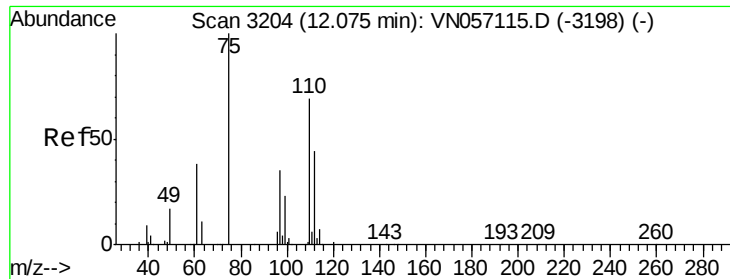
Tgt Ion: 43 Resp: 36055
Ion Ratio Lower Upper
43 100
70 0.6 36.8 55.2#
55 3.7 20.6 31.0#
61 9.8 21.0 31.4#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.03 min Scan# 3189
Delta R.T. 0.00 min
Lab File: VN057125.D
Acq: 8 Aug 2019 12:21

Tgt Ion: 83 Resp: 63
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.4#
85 0.0 32.4 97.0#





#76

1,2,3-Trichloropropane

Concen: 32.445 ug/l

RT: 11.92 min Scan# 3155

Delta R.T. -0.16 min

Lab File: VN057125.D

Acq: 8 Aug 2019 12:21

Instrument :

MSVOA_N

ClientSampled :

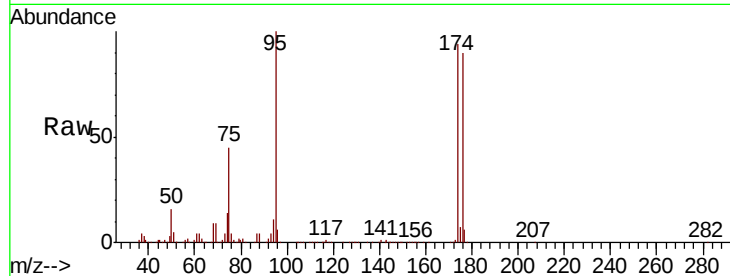
TP-14

Tgt Ion: 75 Resp: 306203

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

11.92

200000

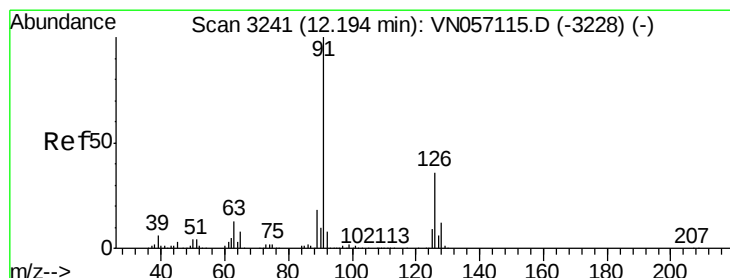
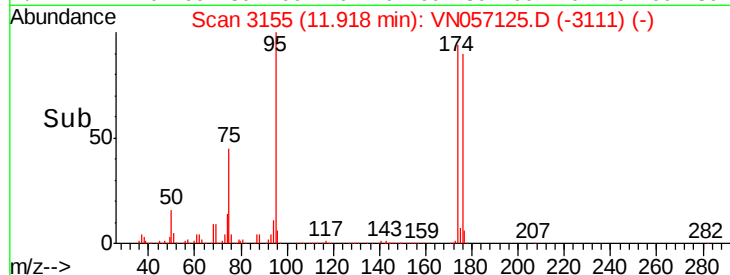
150000

100000

50000

0

Time-->



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.19 min Scan# 3241

Delta R.T. 0.00 min

Lab File: VN057125.D

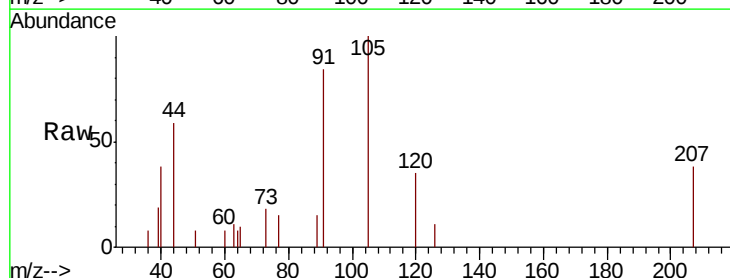
Acq: 8 Aug 2019 12:21

Tgt Ion: 91 Resp: 3177

Ion Ratio Lower Upper

91 100

126 19.1 18.1 54.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

2500

2000

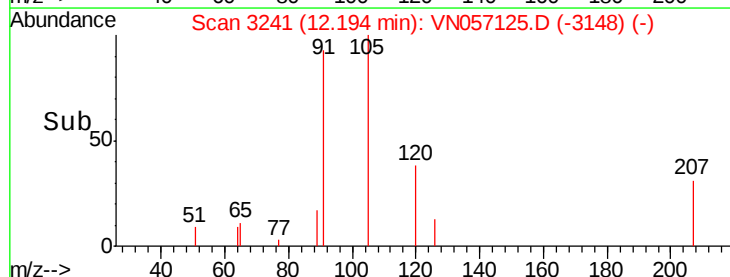
1500

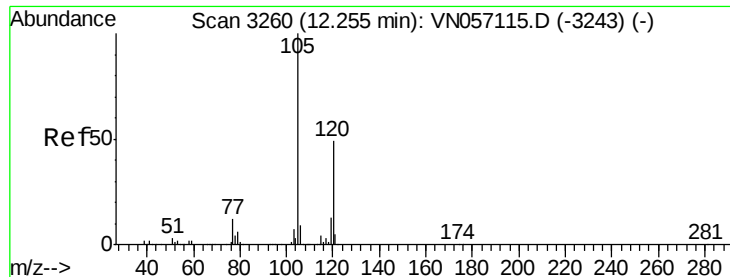
1000

500

0

Time-->

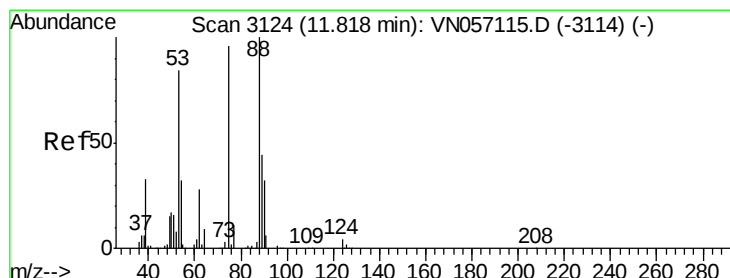
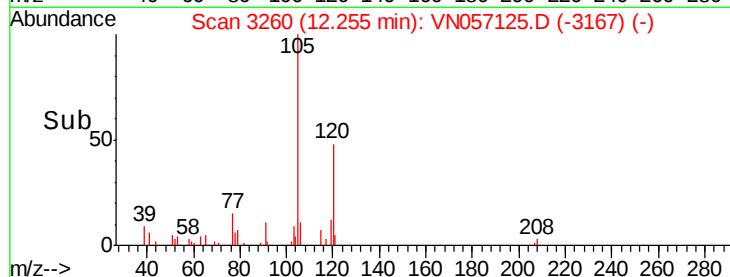
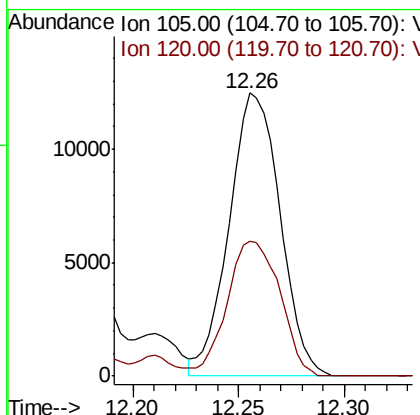
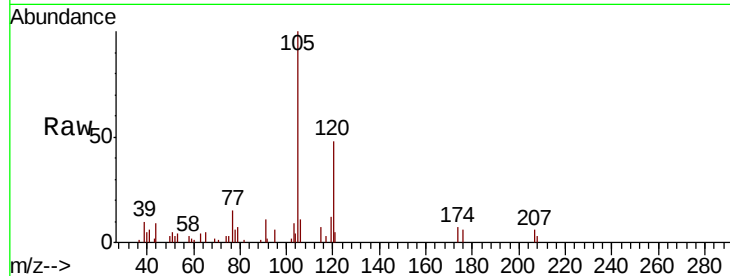




#80
 1,3,5-Trimethylbenzene
 Concen: 0.580 ug/l
 RT: 12.26 min Scan# 3260
 Delta R.T. -0.00 min
 Lab File: VN057125.D
 Acq: 8 Aug 2019 12:21

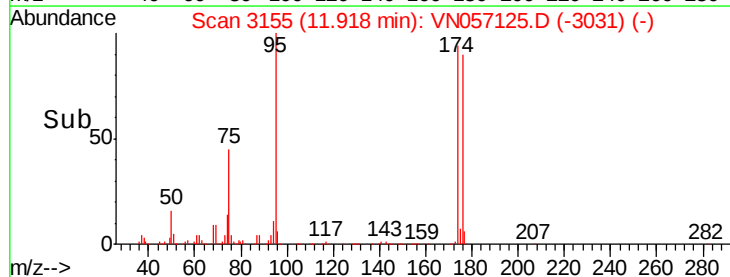
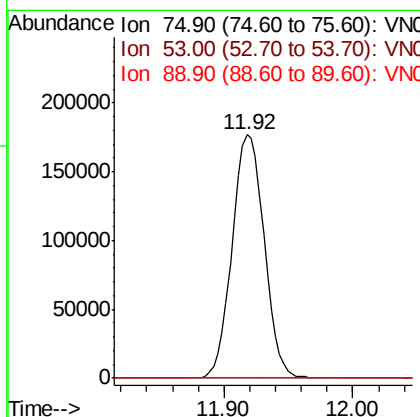
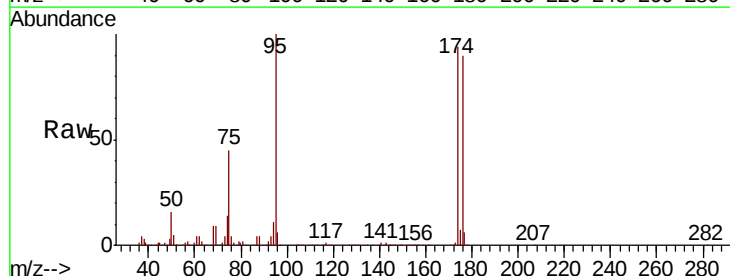
Instrument :
 MSVOA_N
 ClientSampled :
 TP-14

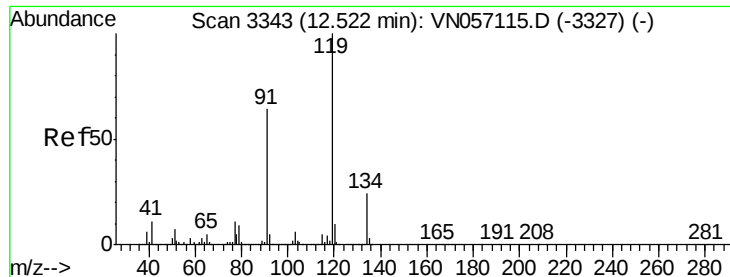
Tgt Ion: 105 Resp: 20971
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 73.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.099 ug/l
 RT: 11.92 min Scan# 3155
 Delta R.T. 0.10 min
 Lab File: VN057125.D
 Acq: 8 Aug 2019 12:21

Tgt Ion: 75 Resp: 306203
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.6 106.0#
 89 0.0 36.4 54.6#

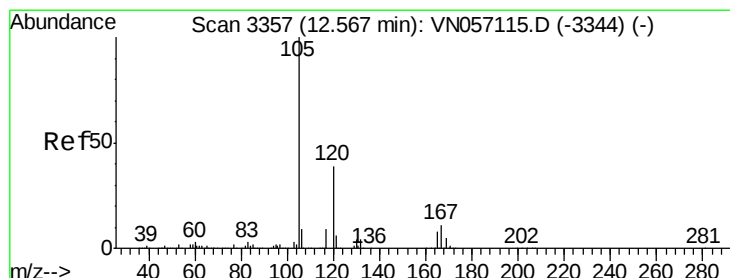
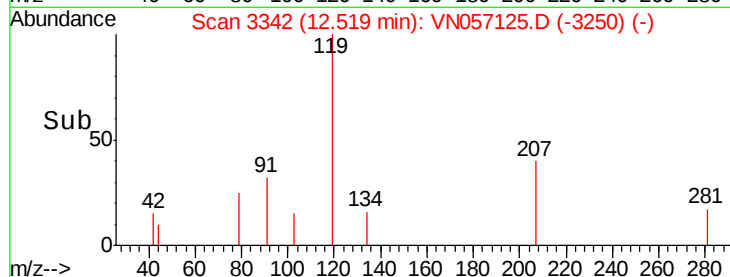
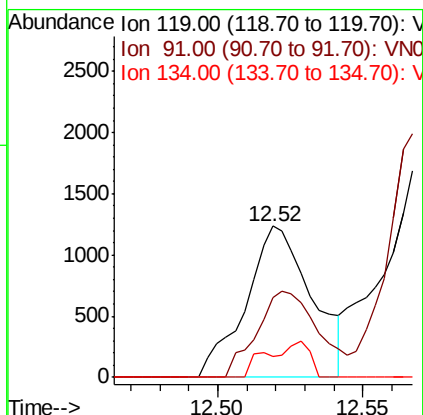
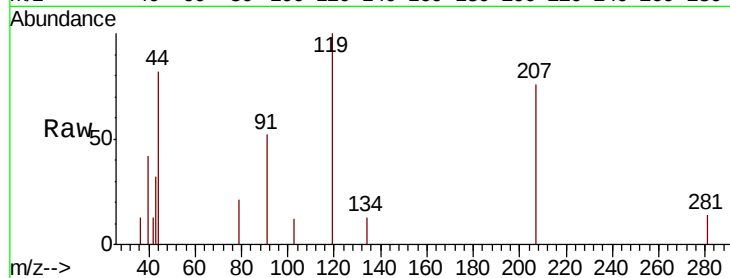




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.52 min Scan# 3342
 Delta R.T. -0.00 min
 Lab File: VN057125.D
 Acq: 8 Aug 2019 12:21

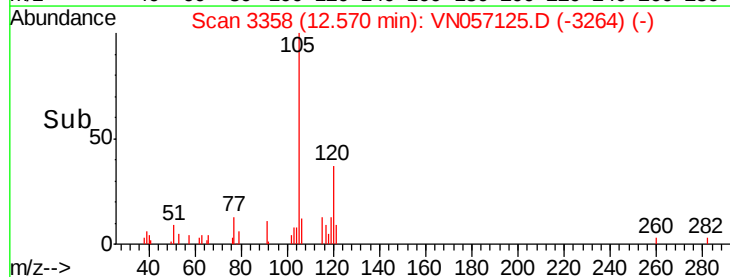
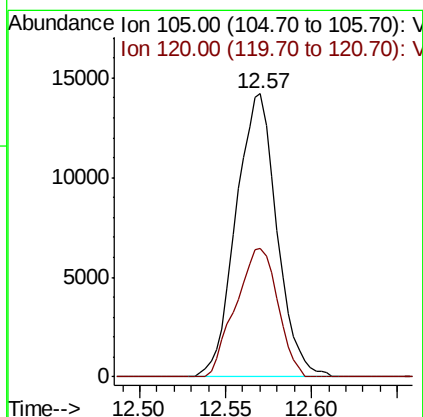
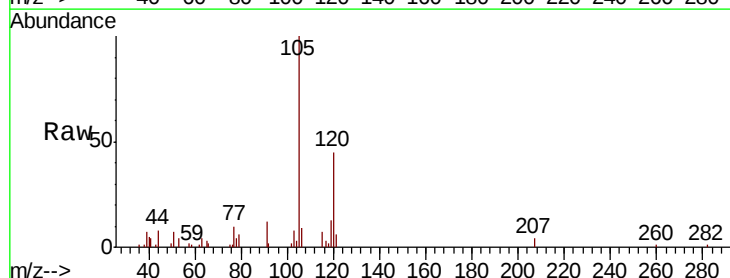
Instrument :
 MSVOA_N
 ClientSampled :
 TP-14

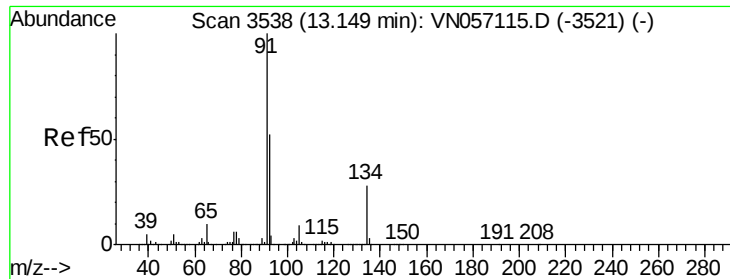
Tgt Ion:119 Resp: 1949
 Ion Ratio Lower Upper
 119 100
 91 53.5 31.4 94.2
 134 5.5 13.2 39.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.671 ug/l
 RT: 12.57 min Scan# 3358
 Delta R.T. 0.00 min
 Lab File: VN057125.D
 Acq: 8 Aug 2019 12:21

Tgt Ion:105 Resp: 23453
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.3 69.8

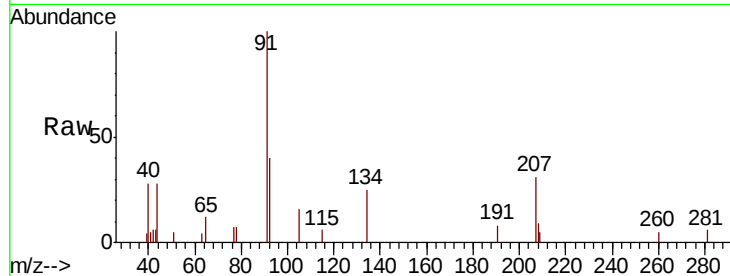




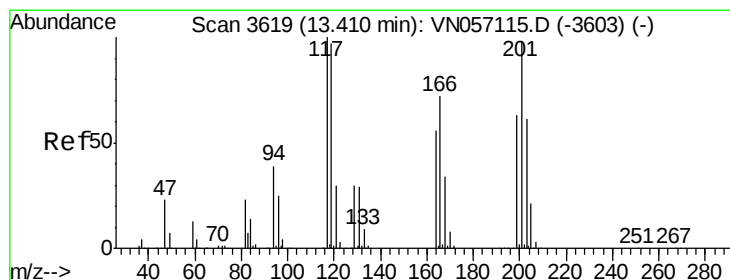
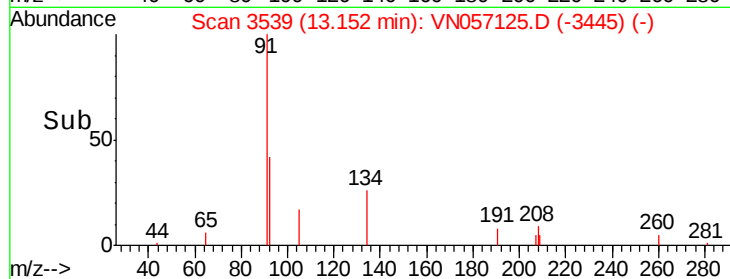
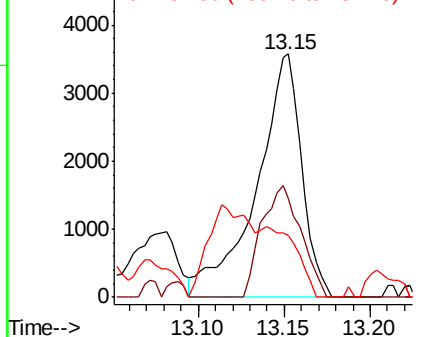
#89
n-Butylbenzene
Concen: 0.262 ug/l
RT: 13.15 min Scan# 3539
Delta R.T. 0.00 min
Lab File: VN057125.D
Acq: 8 Aug 2019 12:21

Instrument :
MSVOA_N
ClientSampleId :
TP-14

Tgt Ion: 91 Resp: 6488
Ion Ratio Lower Upper
91 100
92 40.0 26.5 79.4
134 0.0 14.1 42.3#

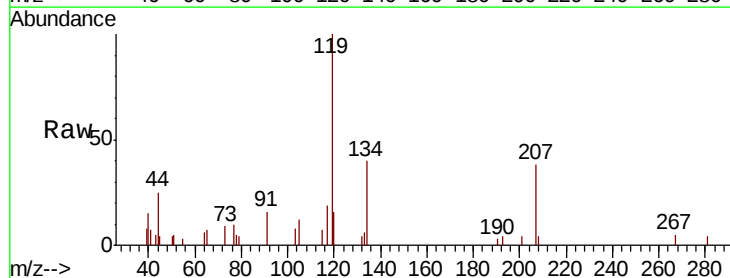


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

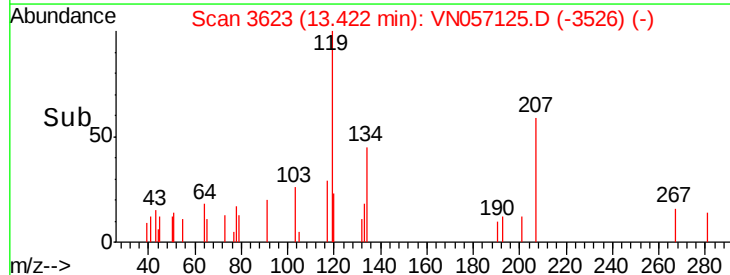
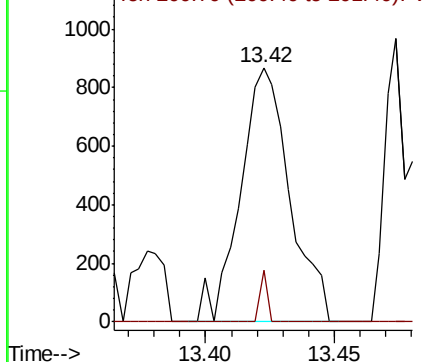


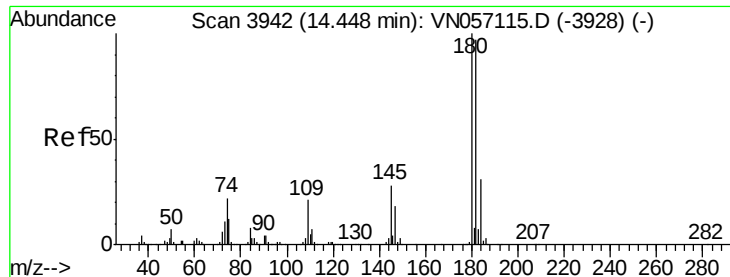
#90
Hexachloroethane
Concen: Below Cal
RT: 13.42 min Scan# 3623
Delta R.T. 0.01 min
Lab File: VN057125.D
Acq: 8 Aug 2019 12:21

Tgt Ion: 117 Resp: 1159
Ion Ratio Lower Upper
117 100
201 2.9 49.3 147.8#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

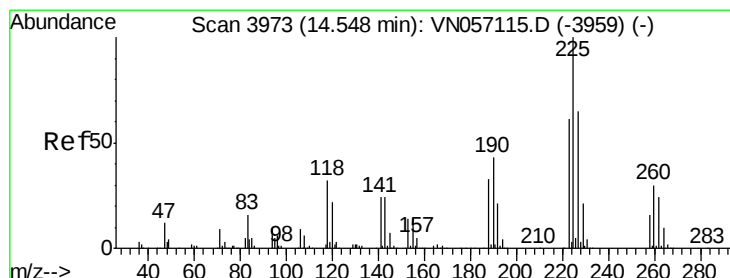
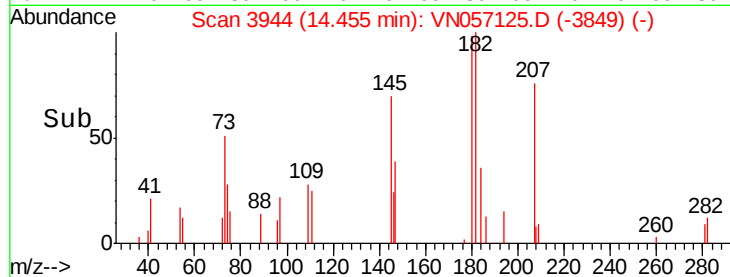
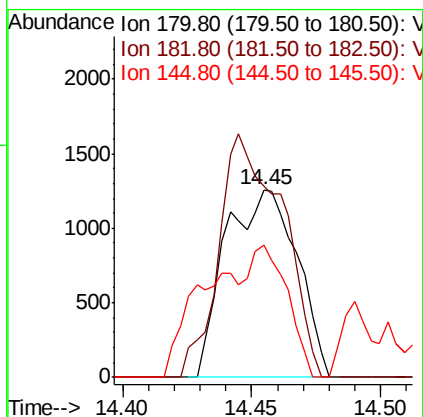
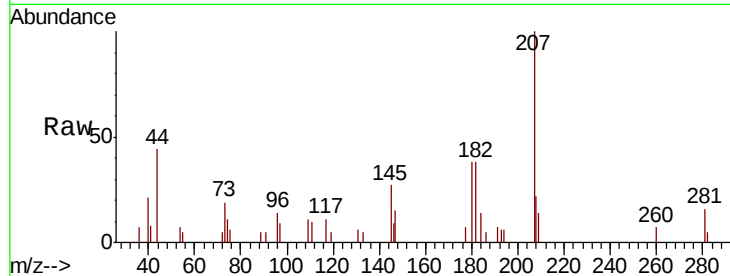




#93
 1,2,4-Trichlorobenzene
 Concen: 6.246 ug/l
 RT: 14.45 min Scan# 3944
 Delta R.T. 0.01 min
 Lab File: VN057125.D
 Acq: 8 Aug 2019 12:21

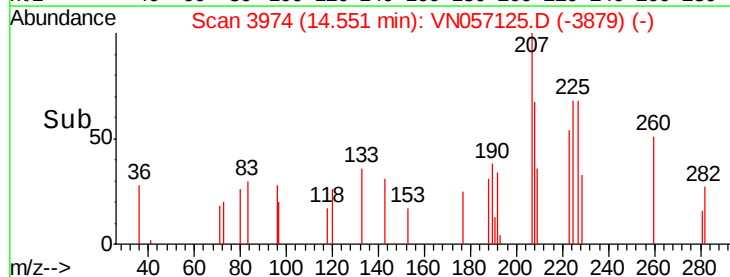
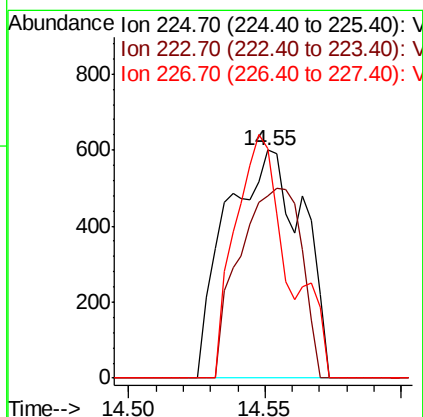
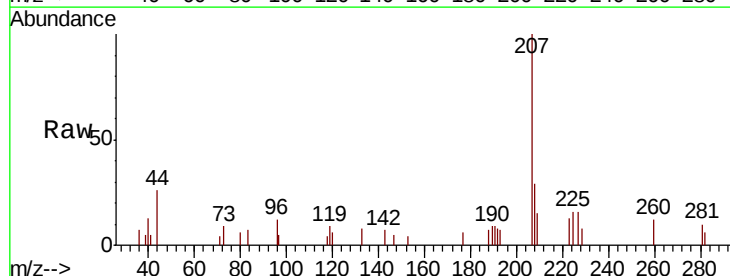
Instrument :
 MSVOA_N
 ClientSampled :
 TP-14

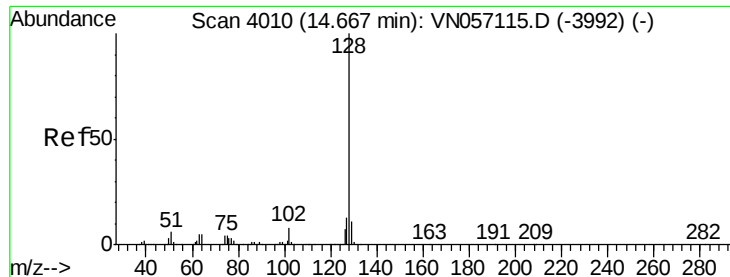
Tgt Ion:180 Resp: 2432
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.5 142.6#
 145 39.4 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 14.55 min Scan# 3974
 Delta R.T. 0.00 min
 Lab File: VN057125.D
 Acq: 8 Aug 2019 12:21

Tgt Ion:225 Resp: 1173
 Ion Ratio Lower Upper
 225 100
 223 68.0 30.9 92.8
 227 62.9 32.4 97.0





#95

Naphthalene

Concen: 7.598 ug/l

RT: 14.67 min Scan# 4010

Delta R.T. 0.00 min

Lab File: VN057125.D

Acq: 8 Aug 2019 12:21

Instrument :

MSVOA_N

ClientSampleId :

TP-14

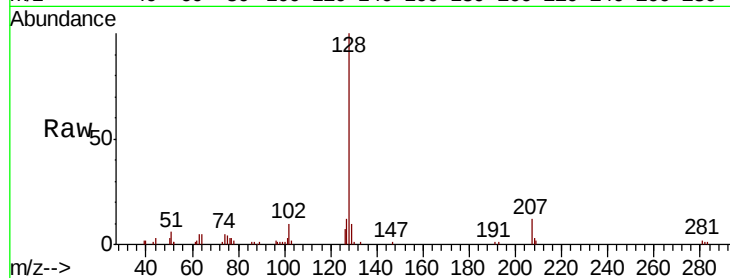
Tgt Ion:128 Resp: 58873

Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

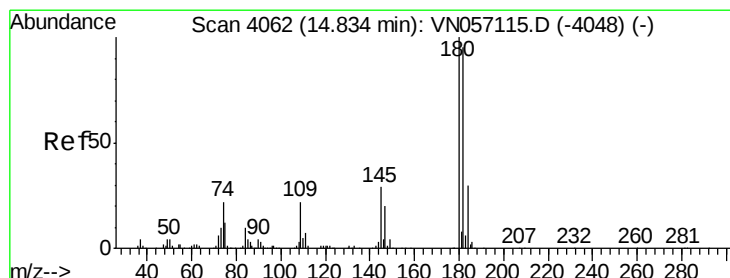
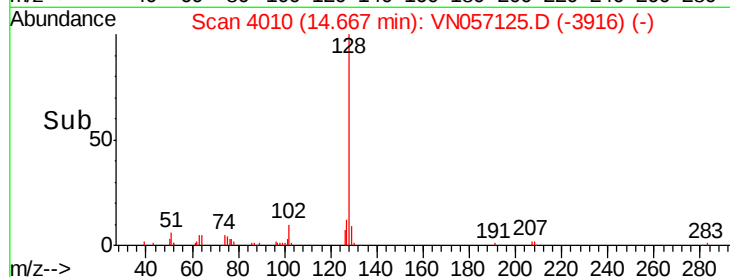
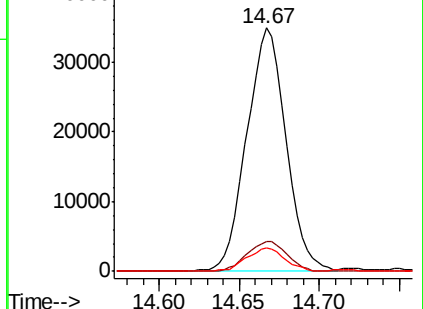
129 9.3 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 6.192 ug/l

RT: 14.84 min Scan# 4063

Delta R.T. 0.00 min

Lab File: VN057125.D

Acq: 8 Aug 2019 12:21

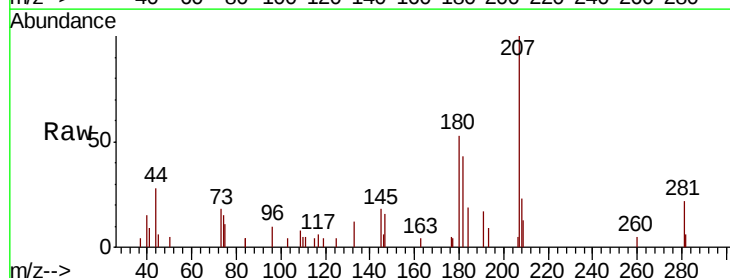
Tgt Ion:180 Resp: 3732

Ion Ratio Lower Upper

180 100

182 84.7 48.3 144.8

145 54.8 14.9 44.5#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

