

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081119\
 Data File : VN057194.D
 Acq On : 11 Aug 2019 17:53
 Operator : JC/SP
 Sample : K4245-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-25

Quant Time: Aug 12 05:57:24 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	1298720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1812215	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1517497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	404626	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	606831	45.43	ug/l	0.00
Spiked Amount			Recovery	=	90.86%	
35) Dibromofluoromethane	6.99	113	547040	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	
50) Toluene-d8	9.56	98	2102225	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.92	95	570399	40.69	ug/l	0.00
Spiked Amount			Recovery	=	81.38%	

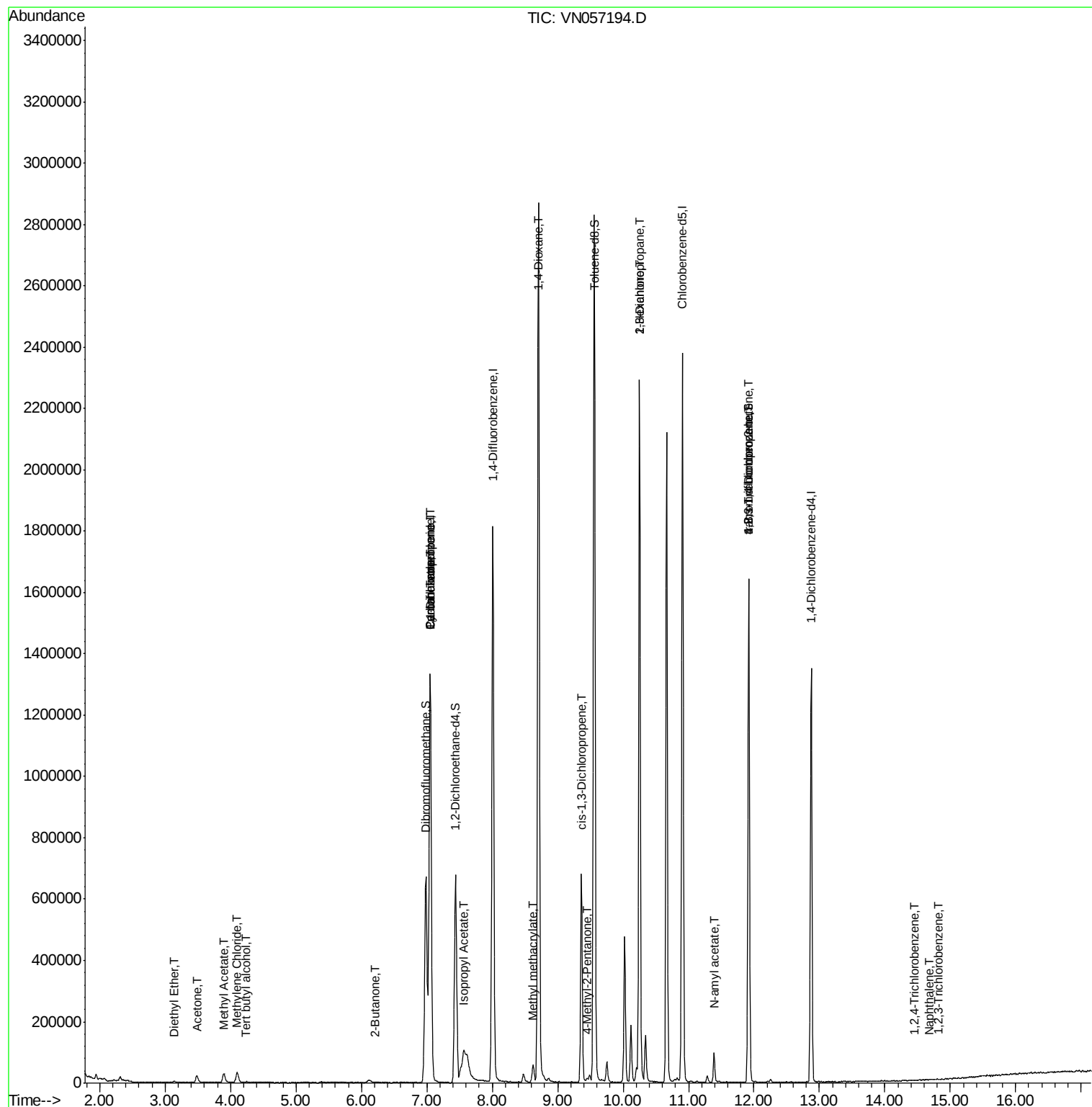
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.14	74	2329	0.325	ug/l	76
11) Tert butyl alcohol	4.23	59	2694	1.417	ug/l #	73
16) Acetone	3.48	43	34507	8.555	ug/l	92
18) Methyl Acetate	3.90	43	50830	3.620	ug/l	100
20) Methylene Chloride	4.10	84	24991	1.877	ug/l	91
25) 2-Butanone	6.21	43	1916	0.311	ug/l #	47
31) Cyclohexane	7.05	56	18552	0.958	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	77281	5.179	ug/l #	48
38) Carbon Tetrachloride	7.05	117	108513	6.978	ug/l #	16
43) Isopropyl Acetate	7.57	43	172019	8.195	ug/l #	64
48) Methyl methacrylate	8.62	41	21516	2.174	ug/l #	19
49) 1,4-Dioxane	8.70	88	339	1.682	ug/l #	27
51) 4-Methyl-2-Pentanone	9.45	43	8163	0.668	ug/l	97
54) cis-1,3-Dichloropropene	9.36	75	136765	7.519	ug/l #	61
57) 1,3-Dichloropropane	10.25	76	24677	1.298	ug/l #	43
59) 2-Hexanone	10.25	43	329449	39.847	ug/l #	49
73) Isopropylbenzene	11.77	105	225	Below Cal	#	48
74) N-amyl acetate	11.39	43	27981	2.729	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	11.92	83	150	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.92	75	262919	32.239	ug/l #	100
79) 2-Chlorotoluene	12.20	91	304	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	11.92	75	262919	95.541	ug/l #	14
83) tert-Butylbenzene	12.57	119	61	Below Cal	#	28
90) Hexachloroethane	13.59	117	34	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.45	180	98	5.945	ug/l #	79
95) Naphthalene	14.67	128	495	2.849	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.82	180	279	5.762	ug/l #	12

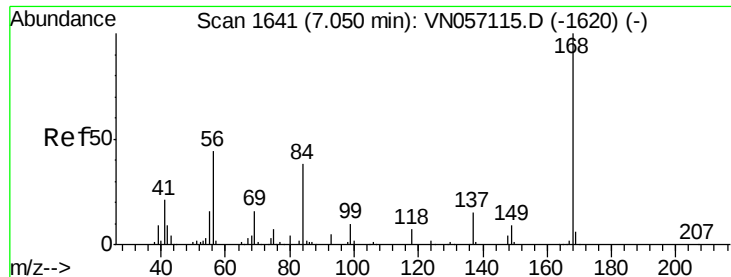
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 08 06:49:25 2019
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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: VN057194.D

Acq: 11 Aug 2019 17:53

Instrument :

MSVOA_N

ClientSampleId :

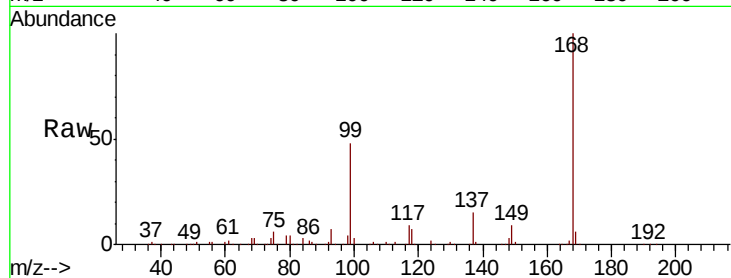
COMP-25

Tgt Ion:168 Resp: 1298720

Ion Ratio Lower Upper

168 100

99 48.0 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

600000

500000

400000

300000

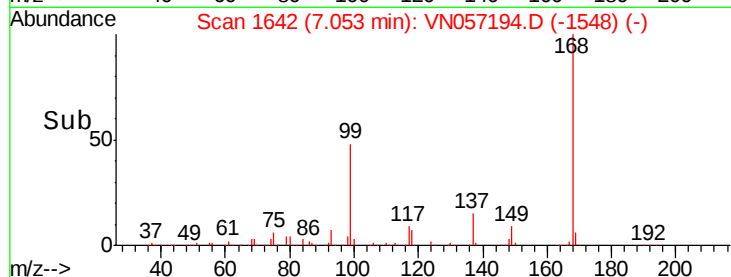
200000

100000

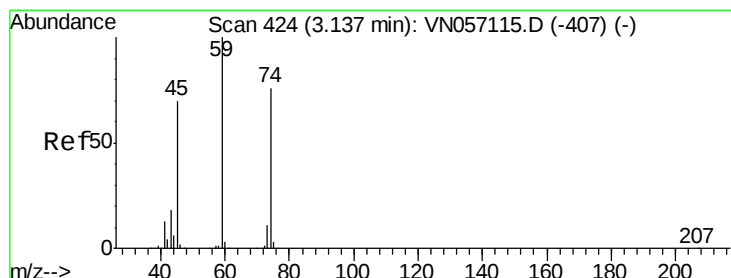
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7.05

6.90 7.00 7.10 7.20



Time-->



#8

Diethyl Ether

Concen: 0.325 ug/l

RT: 3.14 min Scan# 424

Delta R.T. -0.00 min

Lab File: VN057194.D

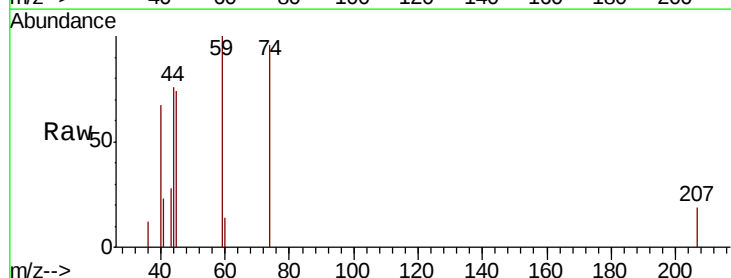
Acq: 11 Aug 2019 17:53

Tgt Ion: 74 Resp: 2329

Ion Ratio Lower Upper

74 100

45 115.2 46.3 138.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

1500

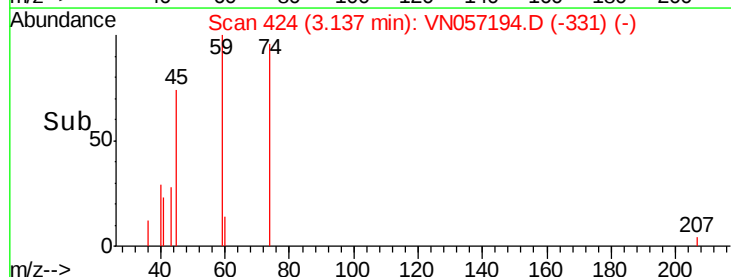
1000

500

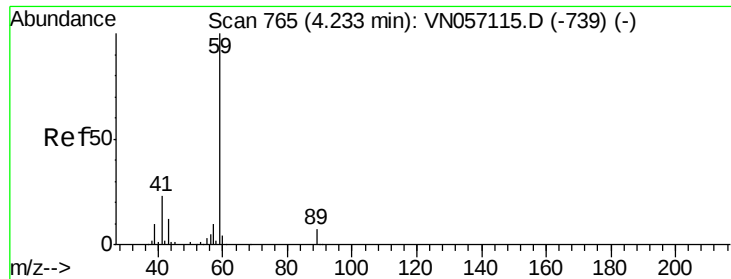
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3.14

3.10 3.15 3.20



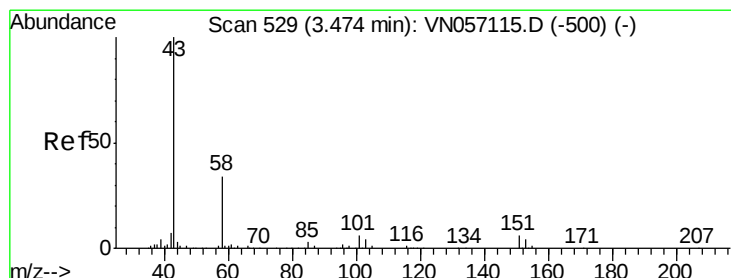
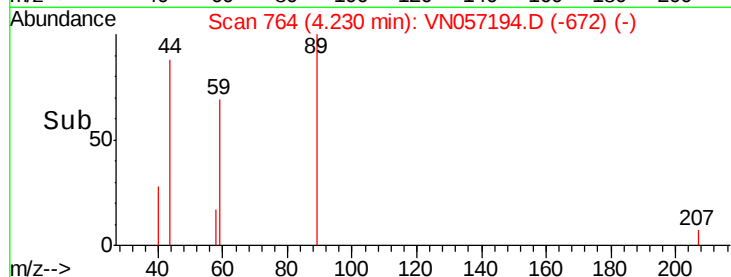
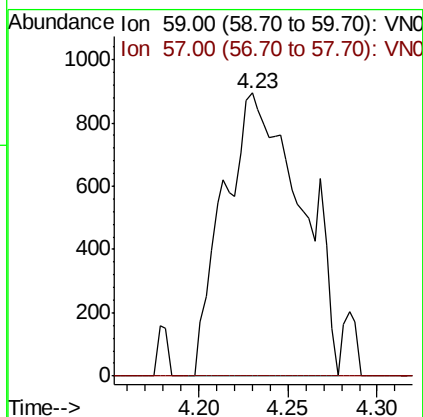
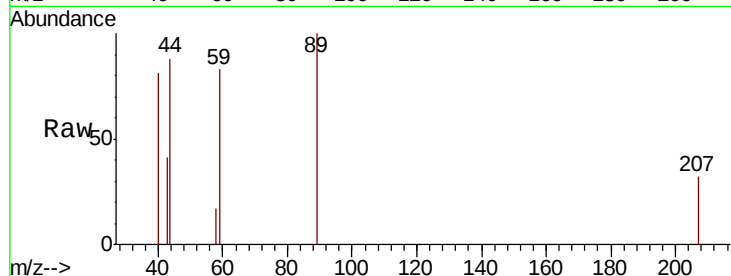
Time-->



#11
Tert butyl alcohol
Concen: 1.417 ug/l
RT: 4.23 min Scan# 764
Delta R.T. -0.00 min
Lab File: VN057194.D
Acq: 11 Aug 2019 17:53

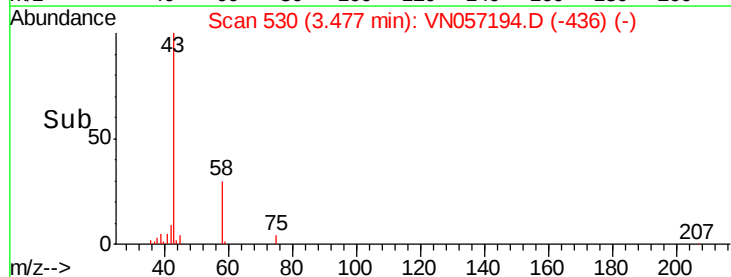
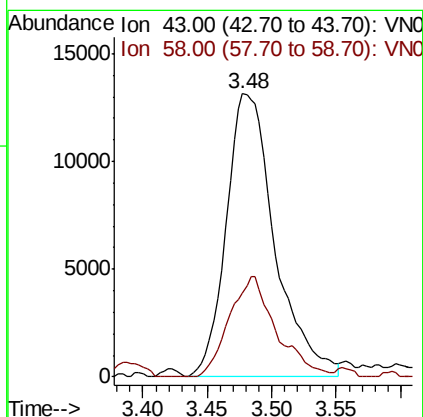
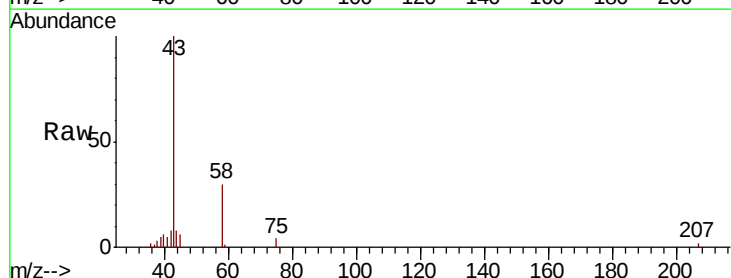
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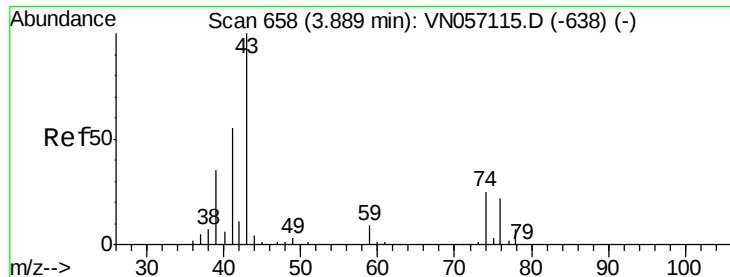
Tgt Ion: 59 Resp: 2694
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#16
Acetone
Concen: 8.555 ug/l
RT: 3.48 min Scan# 530
Delta R.T. 0.00 min
Lab File: VN057194.D
Acq: 11 Aug 2019 17:53

Tgt Ion: 43 Resp: 34507
Ion Ratio Lower Upper
43 100
58 29.7 27.4 41.2

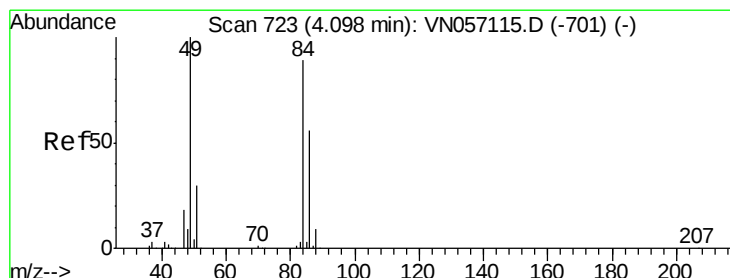
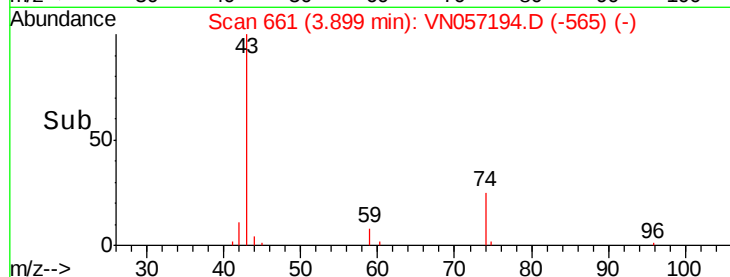
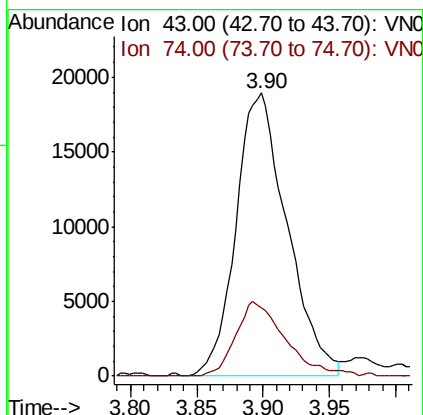
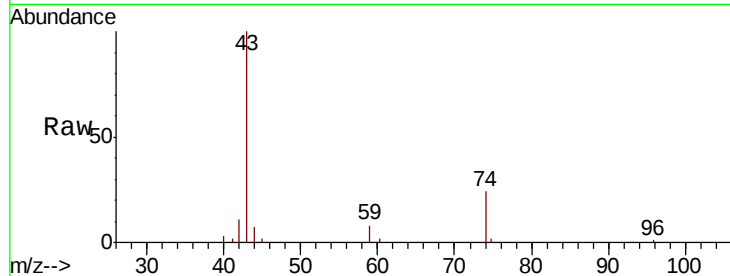




#18
Methyl Acetate
Concen: 3.620 ug/l
RT: 3.90 min Scan# 661
Delta R.T. 0.01 min
Lab File: VN057194.D
Acq: 11 Aug 2019 17:53

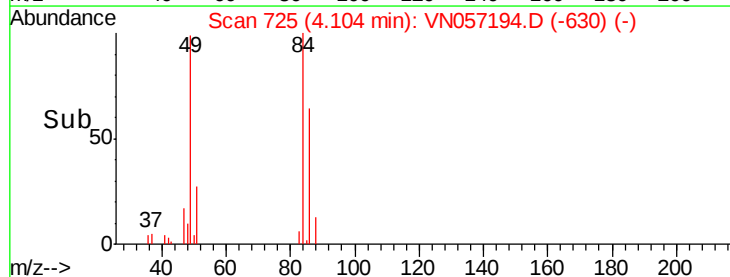
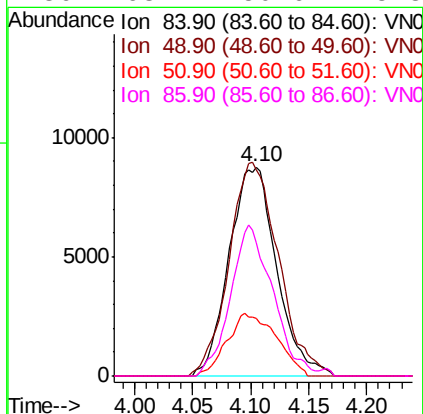
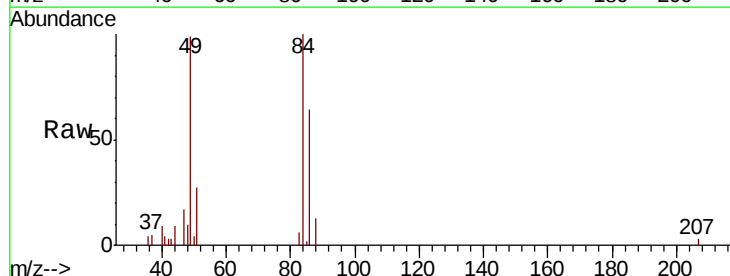
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MSVOA_N
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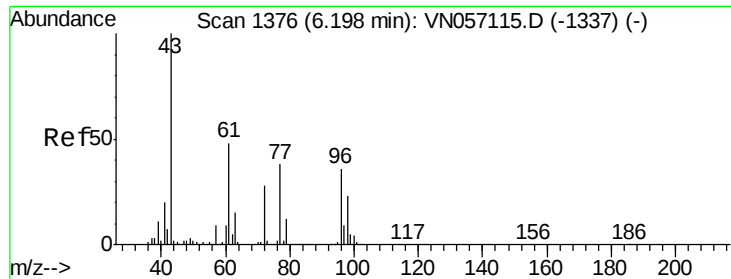
Tgt Ion: 43 Resp: 50830
Ion Ratio Lower Upper
43 100
74 25.5 20.2 30.4



#20
Methylene Chloride
Concen: 1.877 ug/l
RT: 4.10 min Scan# 725
Delta R.T. 0.01 min
Lab File: VN057194.D
Acq: 11 Aug 2019 17:53

Tgt Ion: 84 Resp: 24991
Ion Ratio Lower Upper
84 100
49 98.9 89.5 134.3
51 27.5 27.2 40.8
86 63.7 50.6 75.8

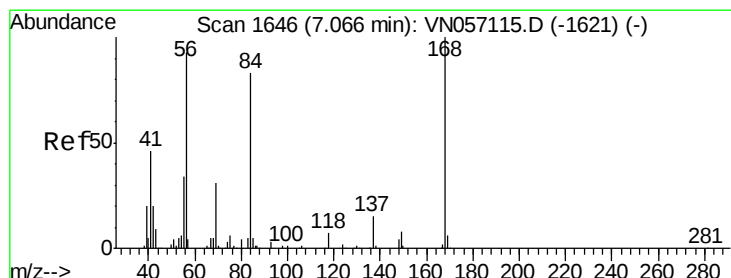
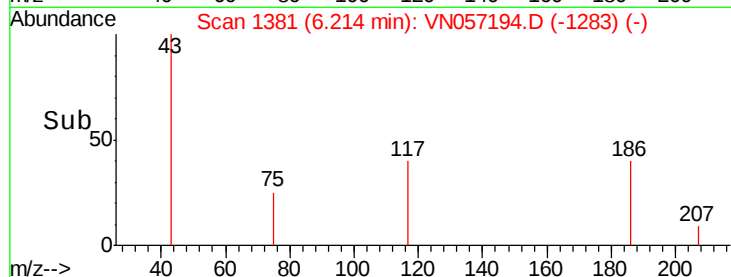
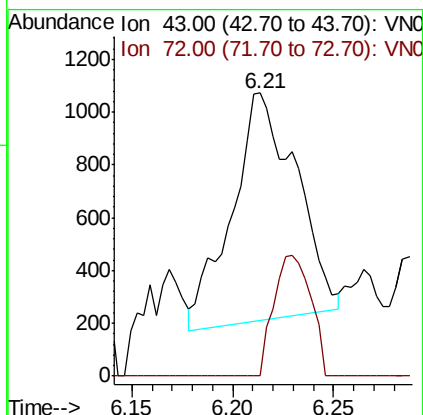
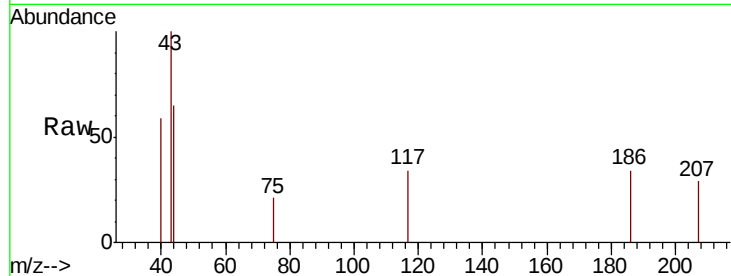




#25
2-Butanone
Concen: 0.311 ug/l
RT: 6.21 min Scan# 1381
Delta R.T. 0.02 min
Lab File: VN057194.D
Acq: 11 Aug 2019 17:53

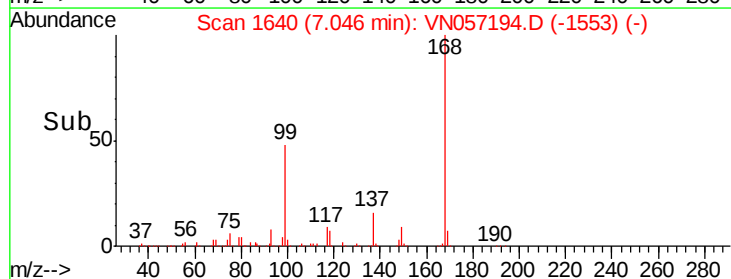
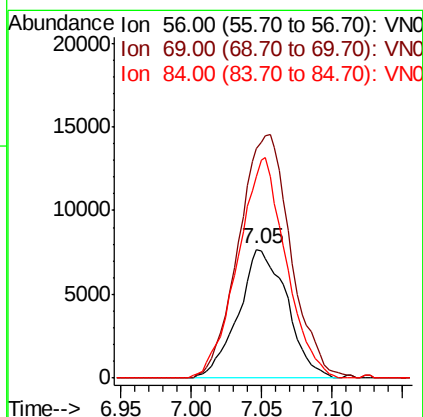
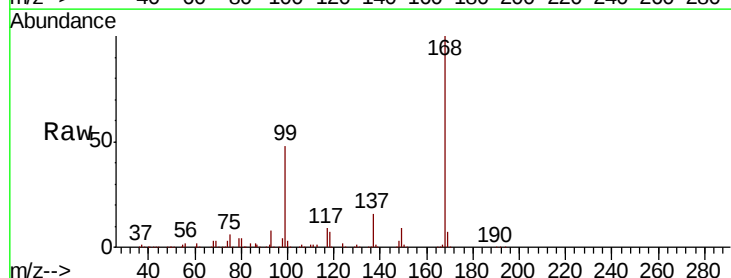
Instrument :
MSVOA_N
ClientSampled :
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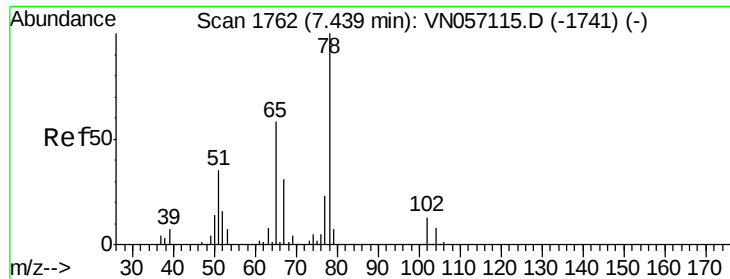
Tgt Ion: 43 Resp: 1916
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.4#



#31
Cyclohexane
Concen: 0.958 ug/l
RT: 7.05 min Scan# 1640
Delta R.T. -0.02 min
Lab File: VN057194.D
Acq: 11 Aug 2019 17:53

Tgt Ion: 56 Resp: 18552
Ion Ratio Lower Upper
56 100
69 177.9 26.9 40.3#
84 155.7 71.9 107.9#

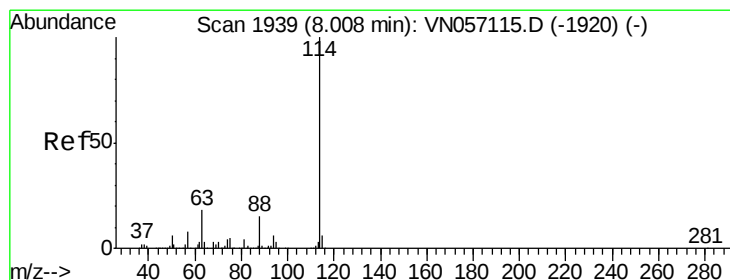
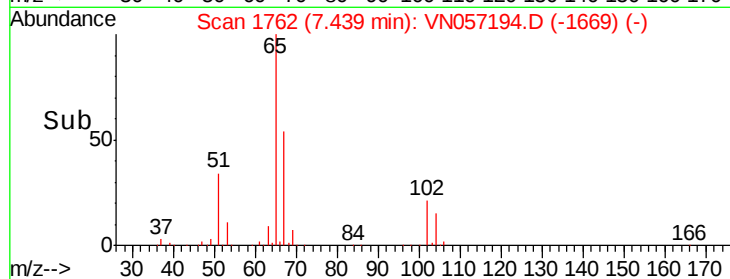
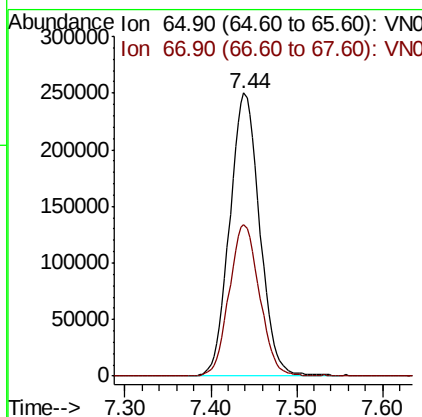
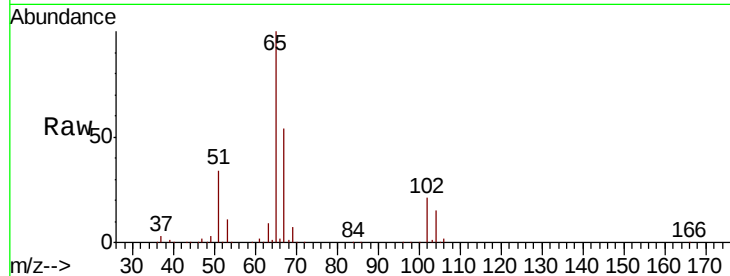




#33
 1,2-Dichloroethane-d4
 Concen: 45.434 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VN057194.D
 Acq: 11 Aug 2019 17:53

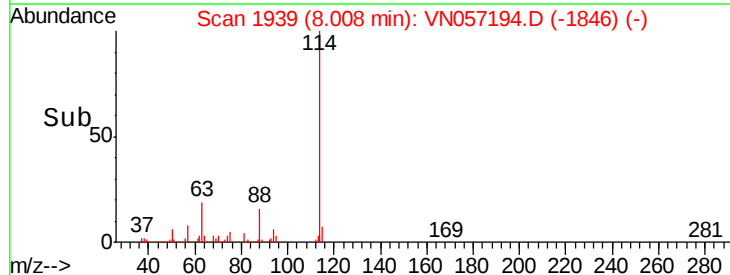
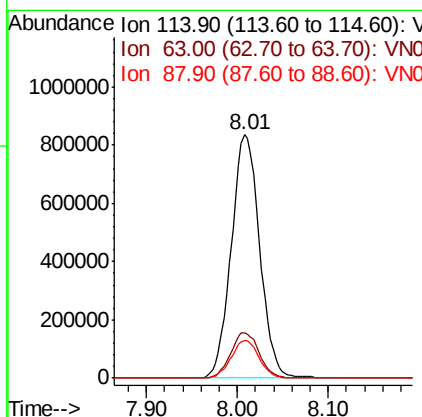
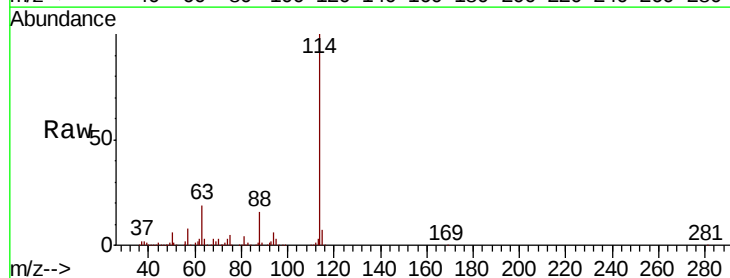
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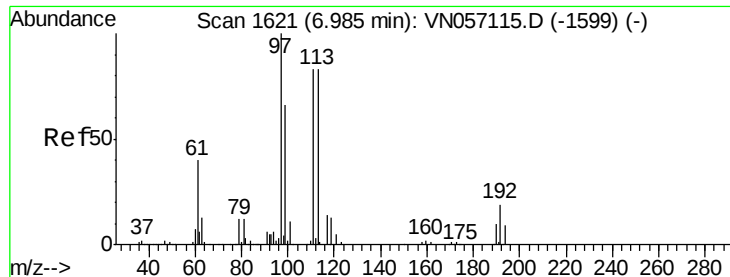
Tgt Ion: 65 Resp: 606831
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057194.D
 Acq: 11 Aug 2019 17:53

Tgt Ion: 114 Resp: 1812215
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.2
 88 15.6 0.0 30.0

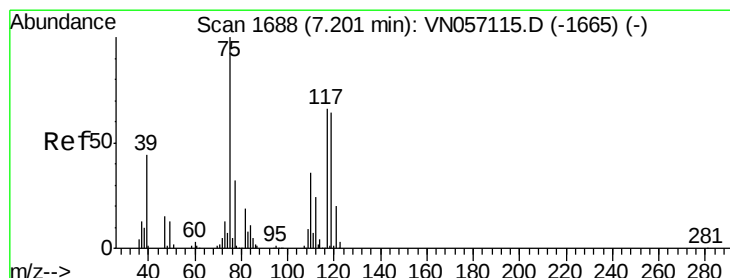
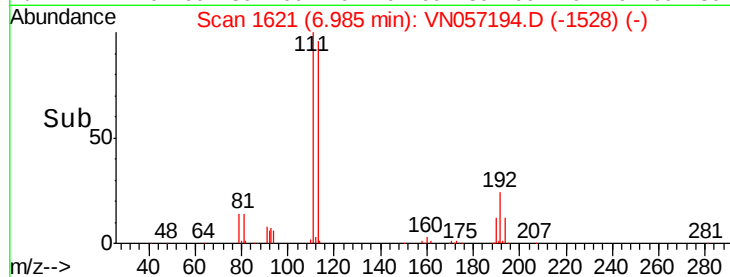
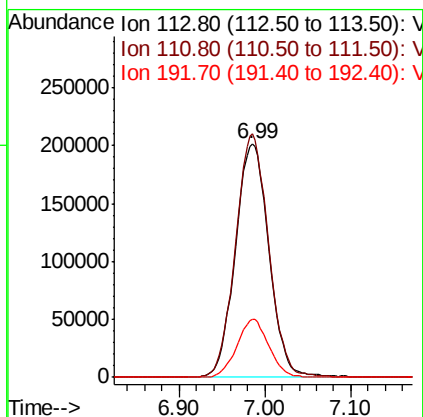
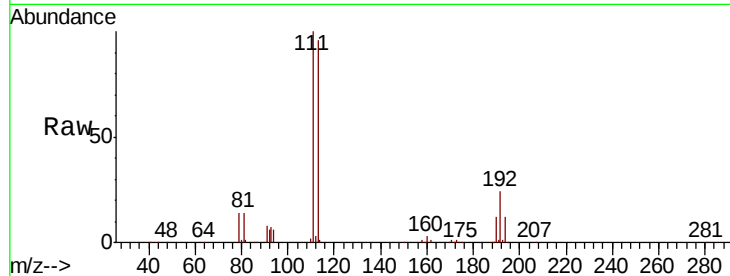




#35
 Dibromofluoromethane
 Concen: 48.104 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057194.D
 Acq: 11 Aug 2019 17:53

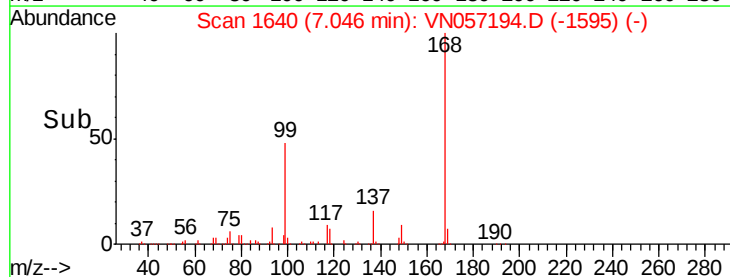
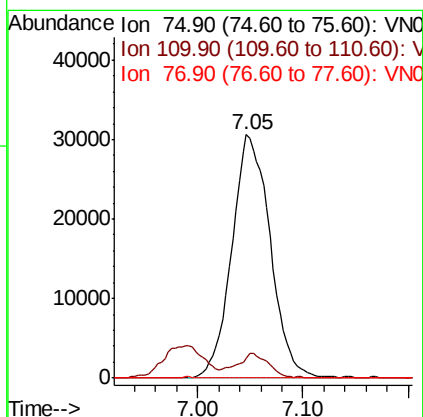
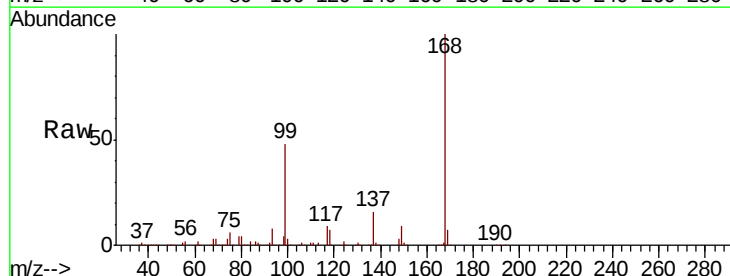
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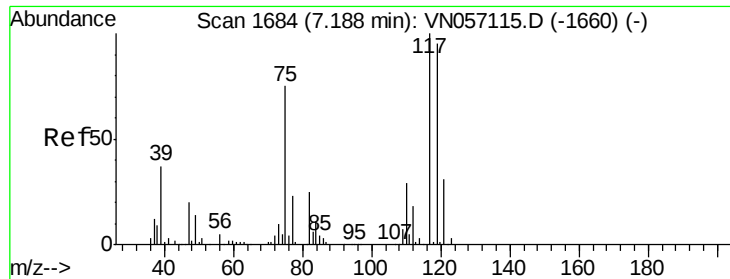
Tgt Ion: 113 Resp: 547040
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.3 121.9
 192 23.7 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 5.179 ug/l
 RT: 7.05 min Scan# 1640
 Delta R.T. -0.15 min
 Lab File: VN057194.D
 Acq: 11 Aug 2019 17:53

Tgt Ion: 75 Resp: 77281
 Ion Ratio Lower Upper
 75 100
 110 8.4 18.7 56.1#
 77 0.0 25.0 37.4#

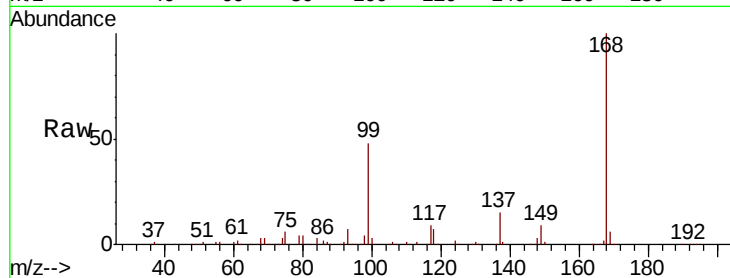




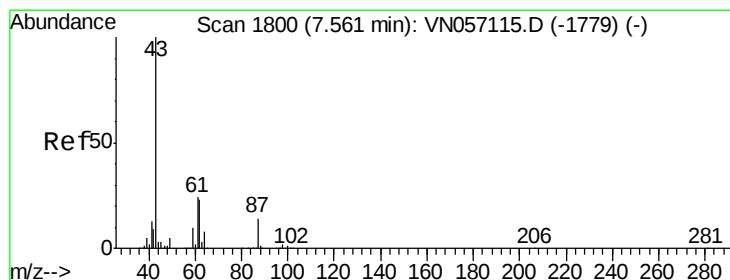
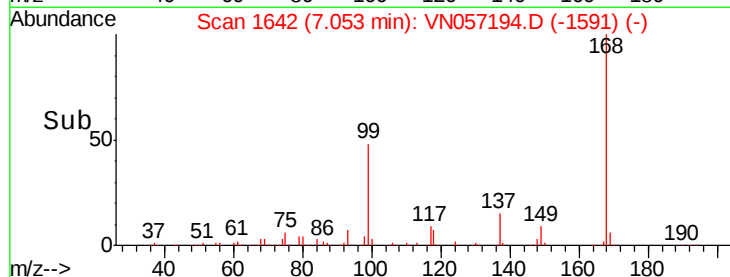
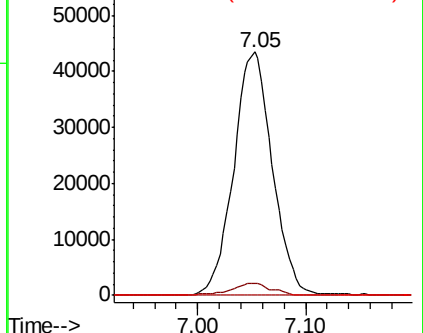
#38
Carbon Tetrachloride
Concen: 6.978 ug/l
RT: 7.05 min Scan# 1642
Delta R.T. -0.14 min
Lab File: VN057194.D
Acq: 11 Aug 2019 17:53

Instrument :
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Tgt Ion: 117 Resp: 108513
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.4 36.6#

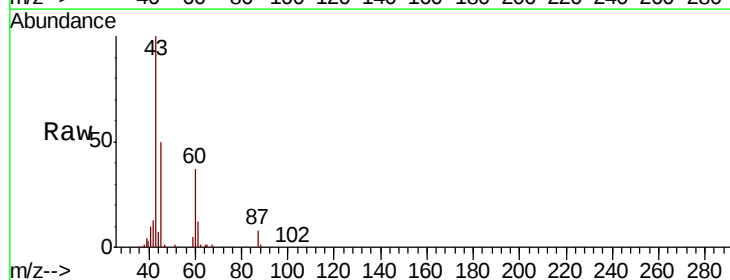


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

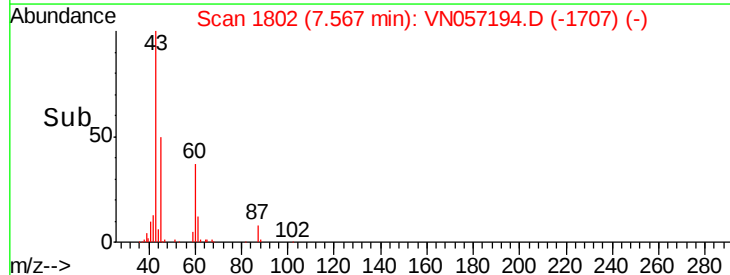
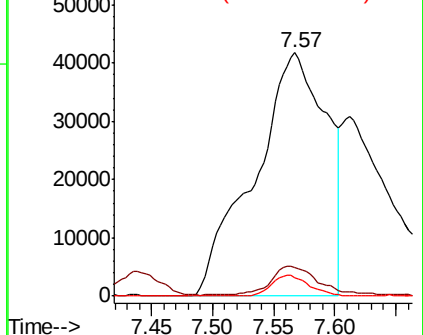


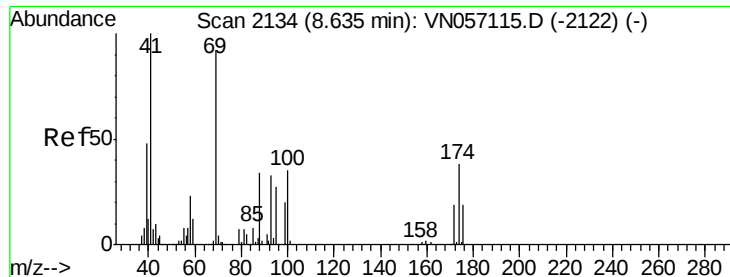
#43
Isopropyl Acetate
Concen: 8.195 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.01 min
Lab File: VN057194.D
Acq: 11 Aug 2019 17:53

Tgt Ion: 43 Resp: 172019
Ion Ratio Lower Upper
43 100
61 7.3 24.2 36.2#
87 4.5 11.8 17.8#



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V

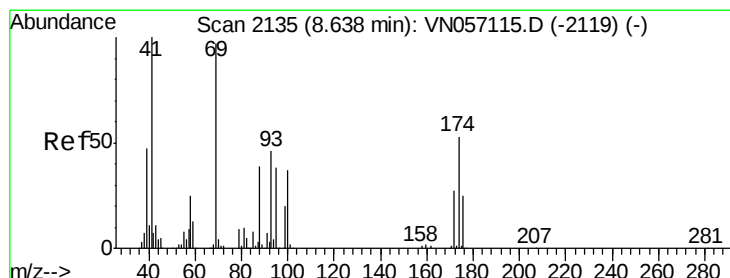
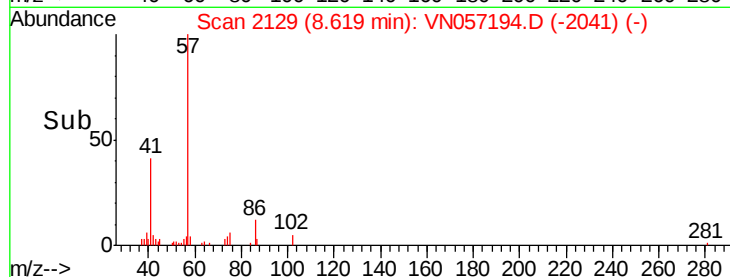
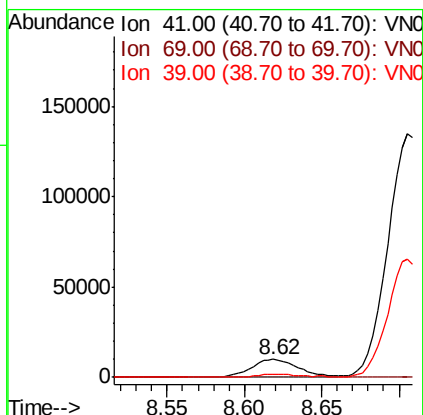
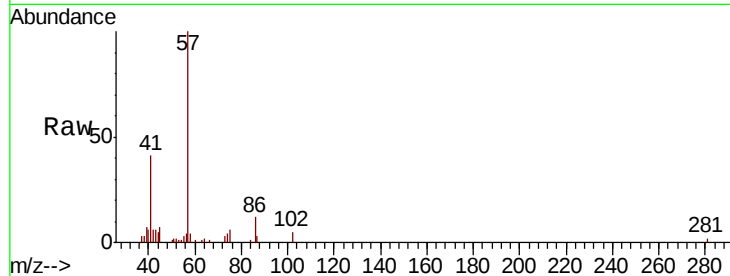




#48
Methyl methacrylate
Concen: 2.174 ug/l
RT: 8.62 min Scan# 2129
Delta R.T. -0.02 min
Lab File: VN057194.D
Acq: 11 Aug 2019 17:53

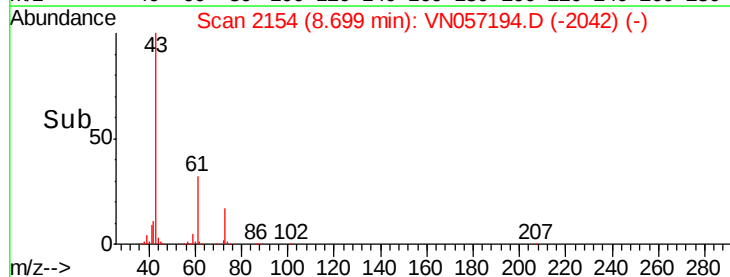
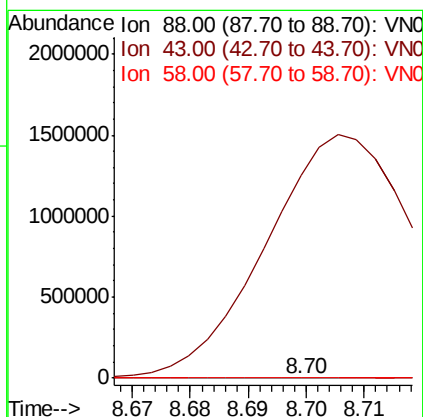
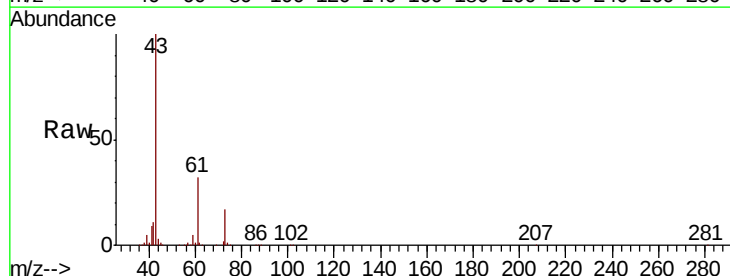
Instrument :
MSVOA_N
ClientSampleId :
COMP-25

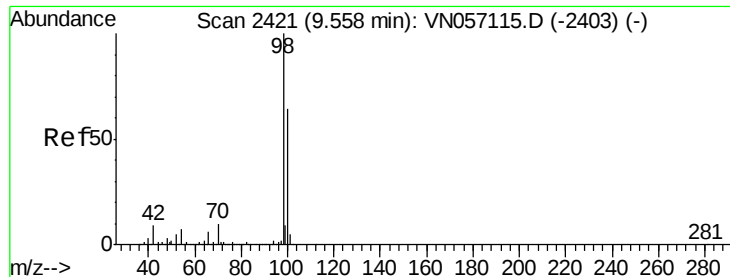
Tgt Ion: 41 Resp: 21516
Ion Ratio Lower Upper
41 100
69 0.0 77.5 116.3#
39 18.4 39.8 59.6#



#49
1,4-Dioxane
Concen: 1.682 ug/l
RT: 8.70 min Scan# 2154
Delta R.T. 0.06 min
Lab File: VN057194.D
Acq: 11 Aug 2019 17:53

Tgt Ion: 88 Resp: 339
Ion Ratio Lower Upper
88 100
43 0.0 21.7 32.5#
58 0.0 51.1 76.7#

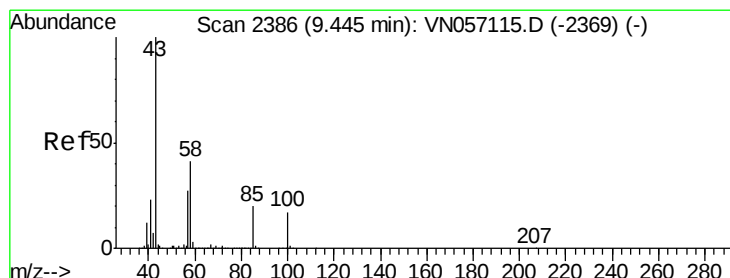
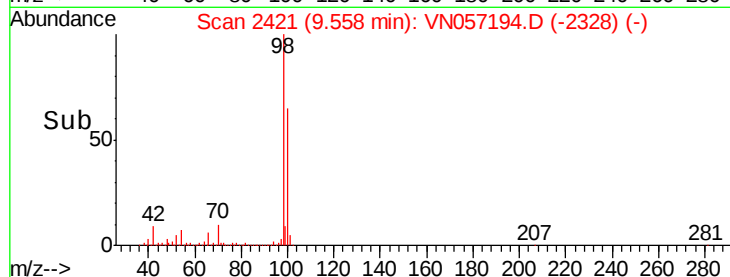
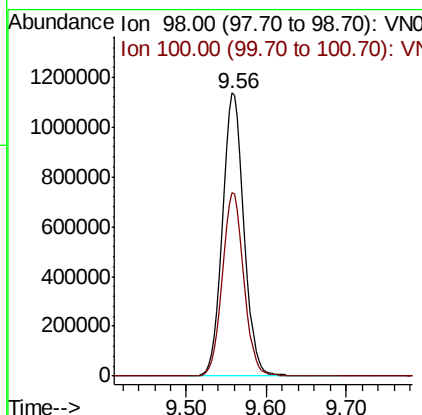
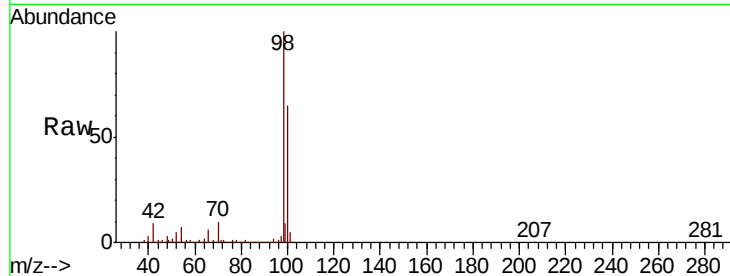




#50
Toluene-d8
Concen: 48.319 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057194.D
Acq: 11 Aug 2019 17:53

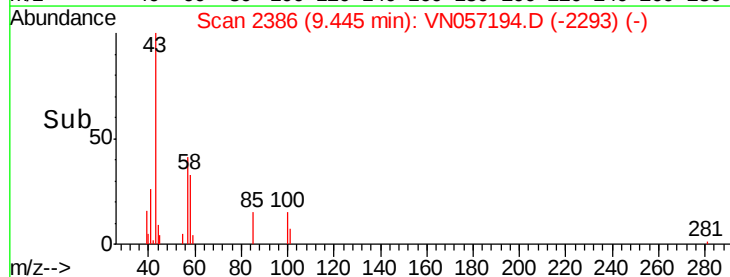
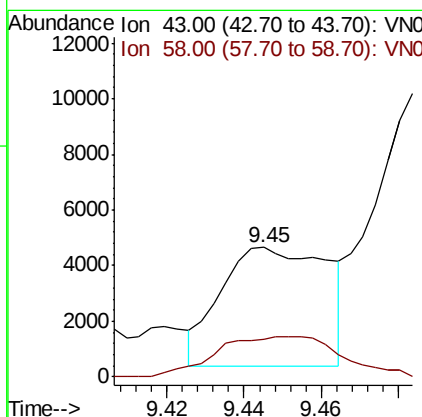
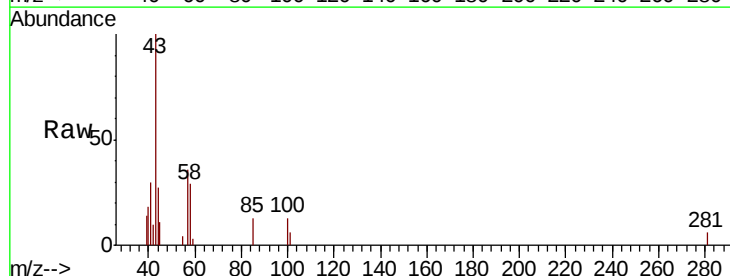
Instrument :
MSVOA_N
ClientSampleId :
COMP-25

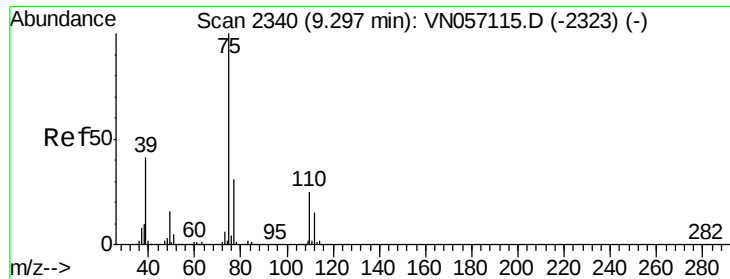
Tgt Ion: 98 Resp: 2102225
Ion Ratio Lower Upper
98 100
100 64.9 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 0.668 ug/l
RT: 9.45 min Scan# 2386
Delta R.T. -0.00 min
Lab File: VN057194.D
Acq: 11 Aug 2019 17:53

Tgt Ion: 43 Resp: 8163
Ion Ratio Lower Upper
43 100
58 39.5 33.2 49.8



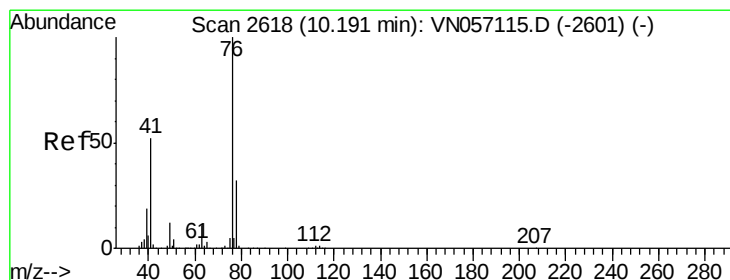
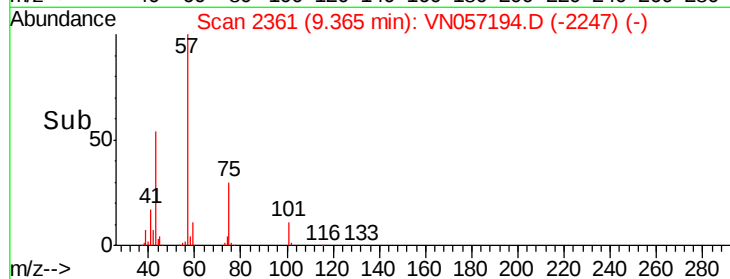
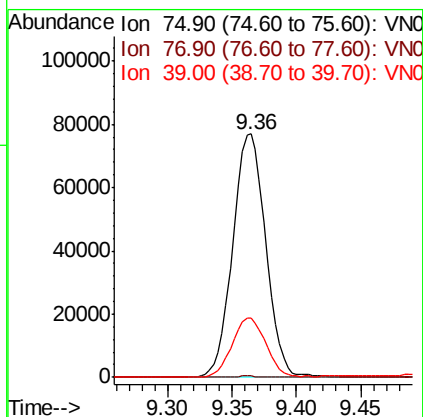
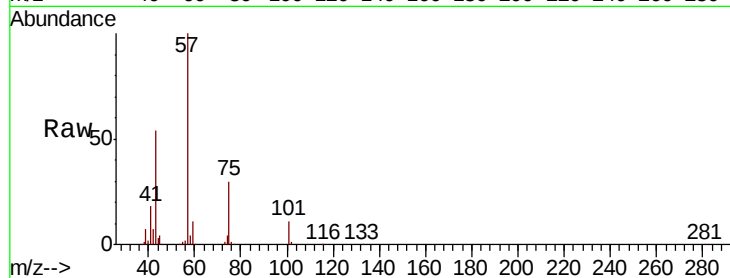


#54

cis-1,3-Dichloropropene
 Concen: 7.519 ug/l
 RT: 9.36 min Scan# 2361
 Delta R.T. 0.07 min
 Lab File: VN057194.D
 Acq: 11 Aug 2019 17:53

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-25

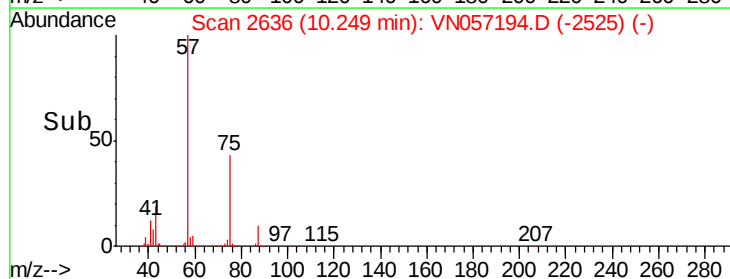
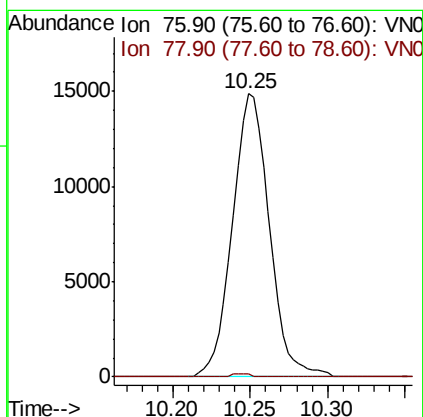
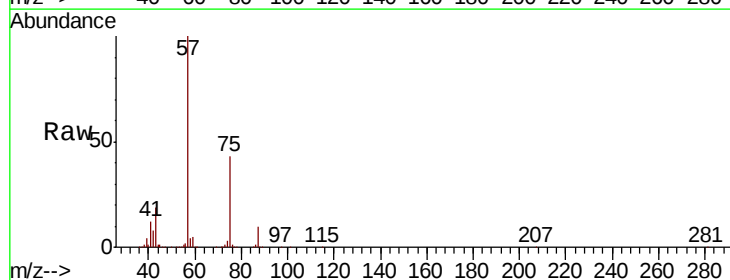
Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.1	37.7#
39	24.1	32.5	48.7#

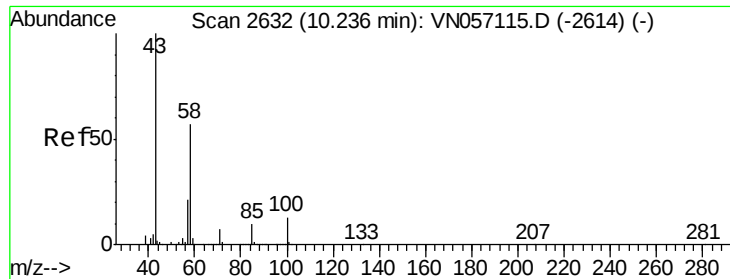


#57

1,3-Dichloropropane
 Concen: 1.298 ug/l
 RT: 10.25 min Scan# 2636
 Delta R.T. 0.06 min
 Lab File: VN057194.D
 Acq: 11 Aug 2019 17:53

Tgt Ion	Ratio	Lower	Upper
76	100		
78	0.5	25.9	38.9#

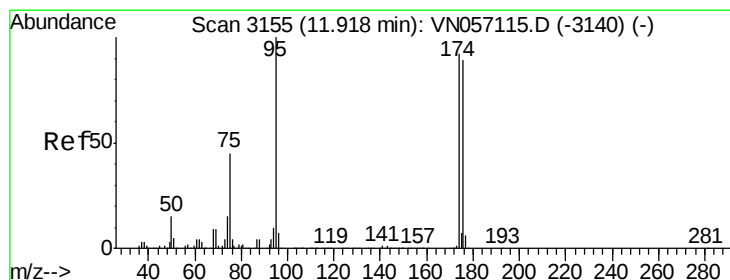
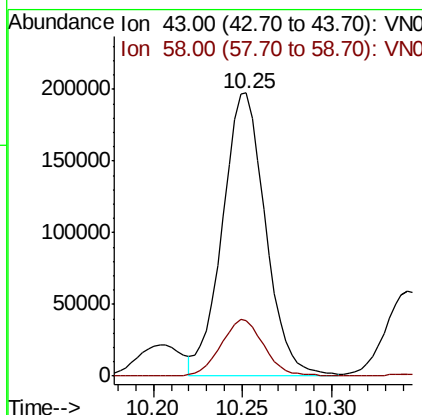
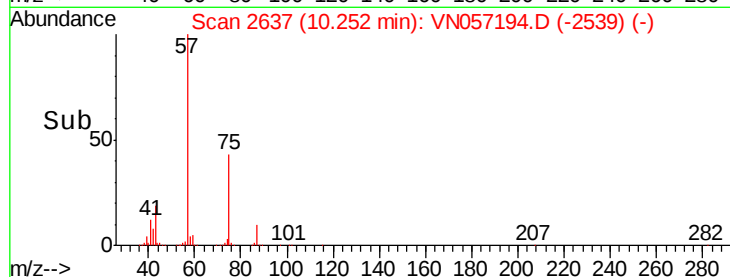
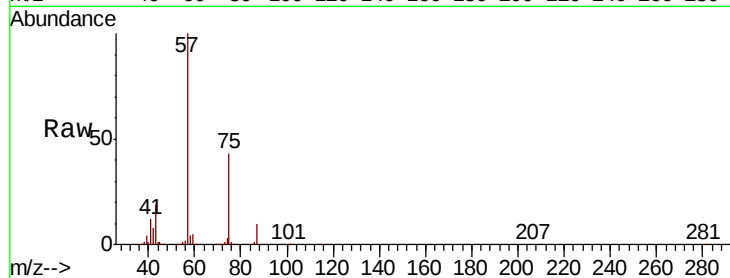




#59
2-Hexanone
Concen: 39.847 ug/l
RT: 10.25 min Scan# 2637
Delta R.T. 0.02 min
Lab File: VN057194.D
Acq: 11 Aug 2019 17:53

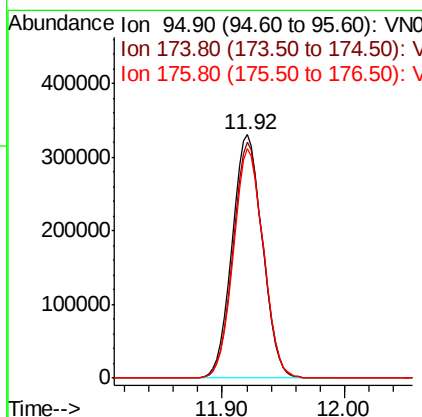
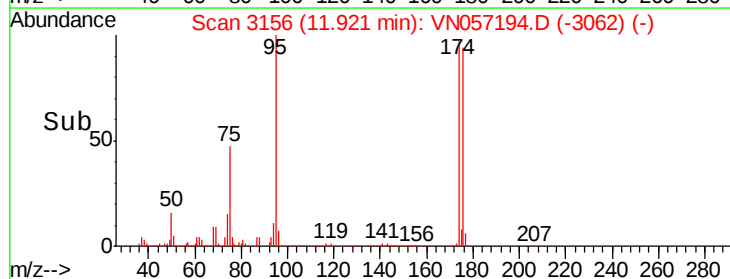
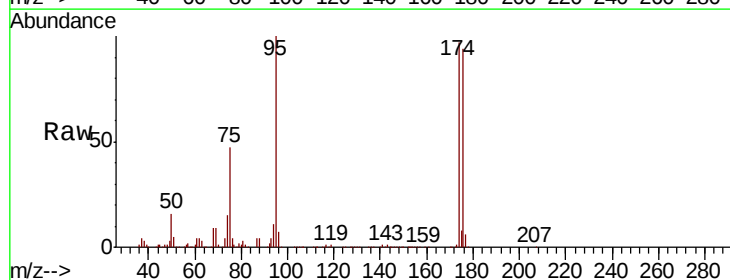
Instrument :
MSVOA_N
ClientSampleId :
COMP-25

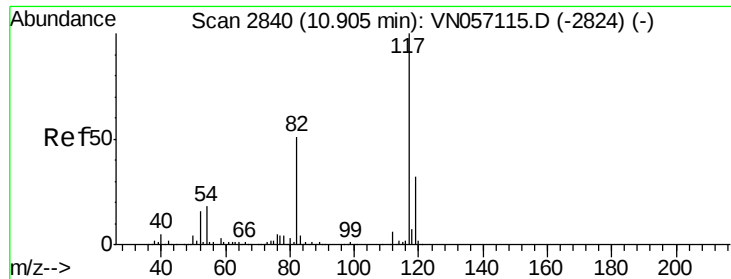
Tgt Ion: 43 Resp: 329449
Ion Ratio Lower Upper
43 100
58 20.2 29.2 87.6#



#62
4-Bromofluorobenzene
Concen: 40.690 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057194.D
Acq: 11 Aug 2019 17:53

Tgt Ion: 95 Resp: 570399
Ion Ratio Lower Upper
95 100
174 95.6 0.0 185.0
176 93.1 0.0 181.2

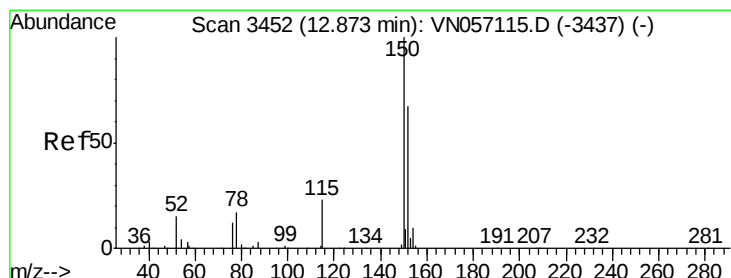
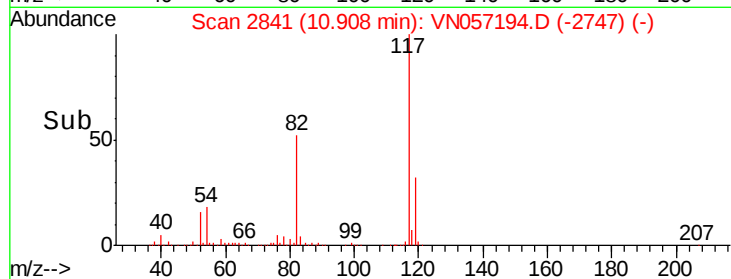
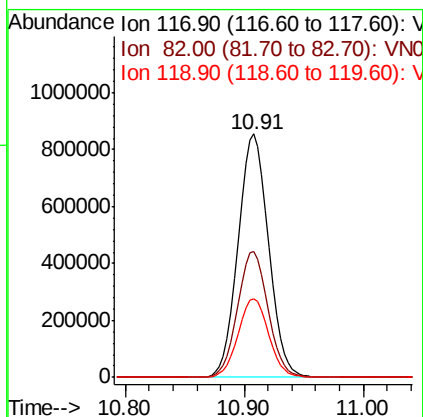
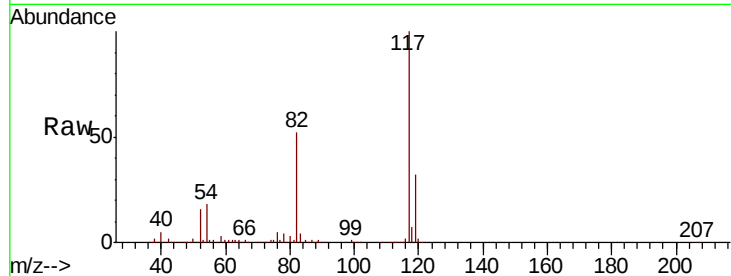




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057194.D
Acq: 11 Aug 2019 17:53

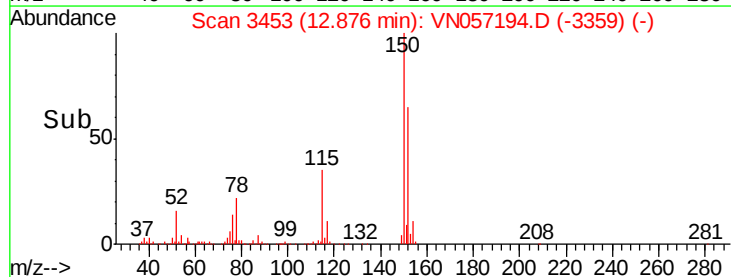
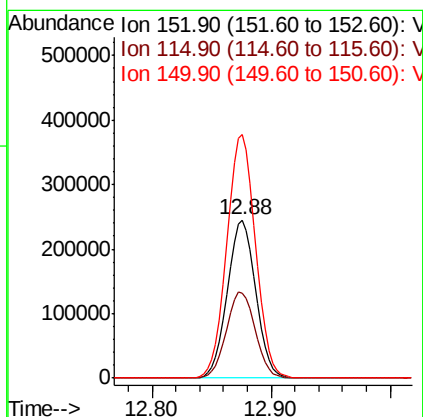
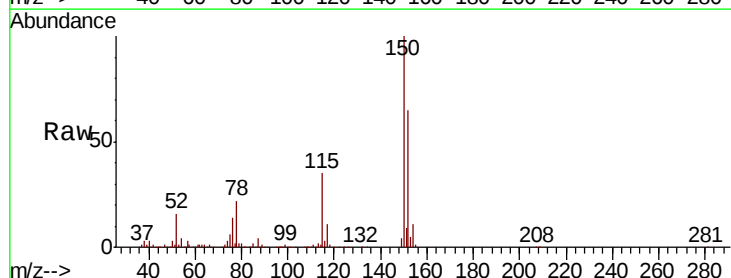
Instrument :
MSVOA_N
ClientSampled :
COMP-25

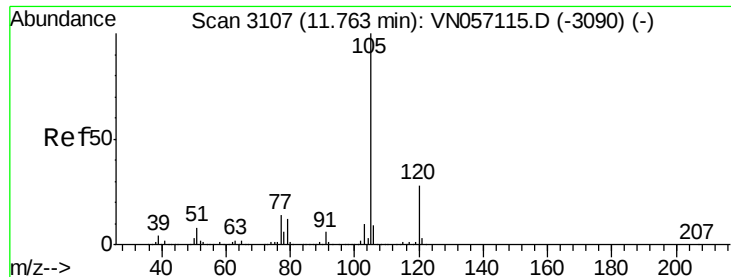
Tgt Ion:117 Resp: 1517497
Ion Ratio Lower Upper
117 100
82 51.5 40.8 61.2
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.88 min Scan# 3453
Delta R.T. 0.00 min
Lab File: VN057194.D
Acq: 11 Aug 2019 17:53

Tgt Ion:152 Resp: 404626
Ion Ratio Lower Upper
152 100
115 55.4 27.5 82.5
150 155.6 0.0 341.6





#73

Isopropylbenzene

Concen: Below Cal

RT: 11.77 min Scan# 3109

Delta R.T. 0.01 min

Lab File: VN057194.D

Acq: 11 Aug 2019 17:53

Instrument :

MSVOA_N

ClientSampleId :

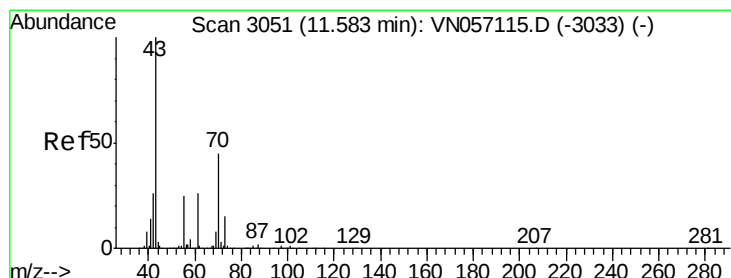
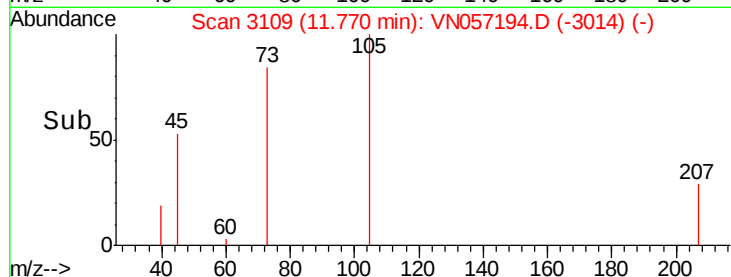
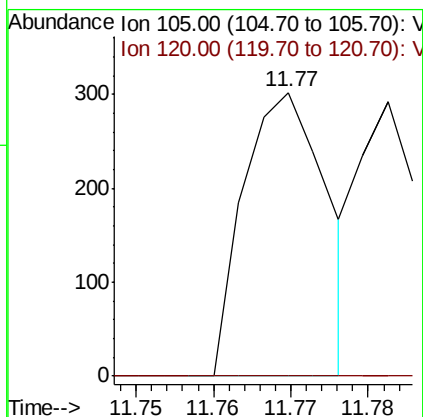
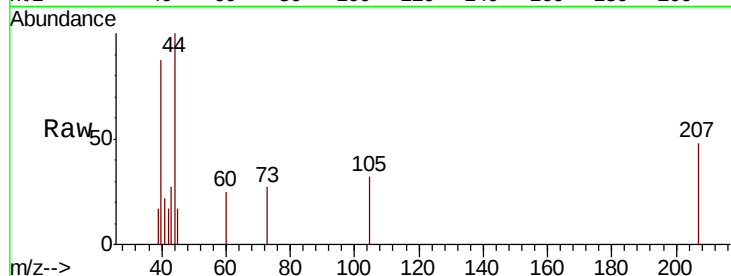
COMP-25

Tgt Ion: 105 Resp: 225

Ion Ratio Lower Upper

105 100

120 0.0 13.7 41.0#



#74

N-ethyl acetate

Concen: 2.729 ug/l

RT: 11.39 min Scan# 2991

Delta R.T. -0.19 min

Lab File: VN057194.D

Acq: 11 Aug 2019 17:53

Tgt Ion: 43 Resp: 27981

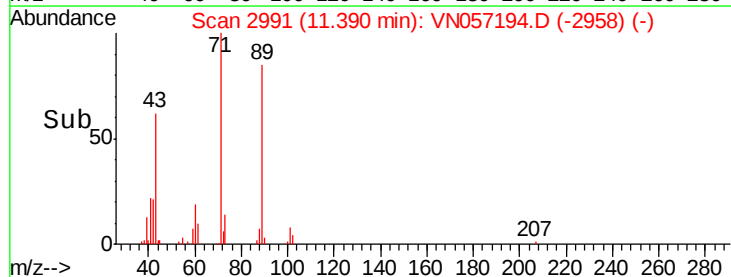
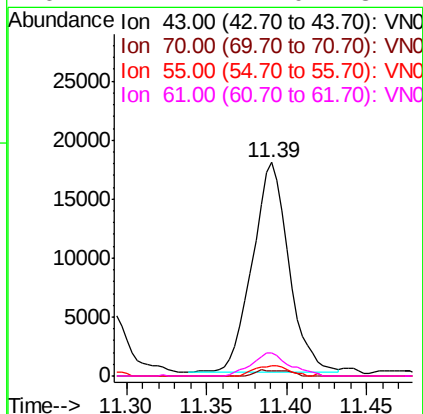
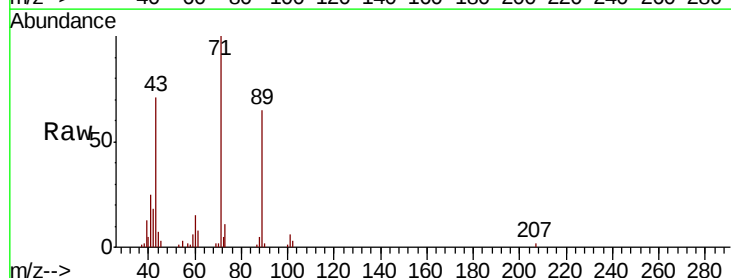
Ion Ratio Lower Upper

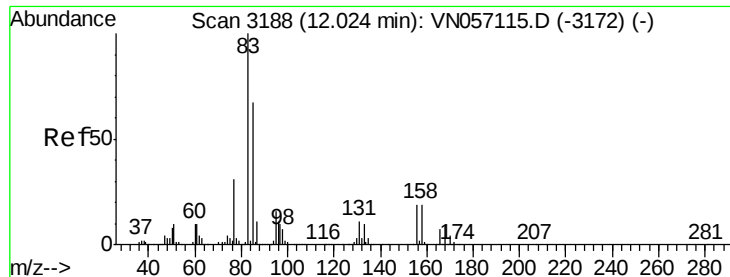
43 100

70 2.5 36.8 55.2#

55 4.7 20.6 31.0#

61 11.4 21.0 31.4#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.92 min Scan# 3156

Delta R.T. -0.10 min

Lab File: VN057194.D

Acq: 11 Aug 2019 17:53

Instrument :

MSVOA_N

ClientSampleId :

COMP-25

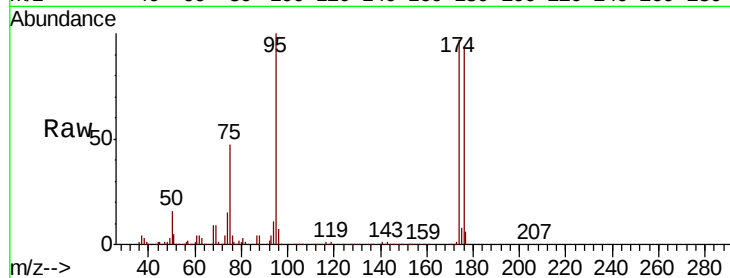
Tgt Ion: 83 Resp: 150

Ion Ratio Lower Upper

83 100

131 454.0 5.5 16.4#

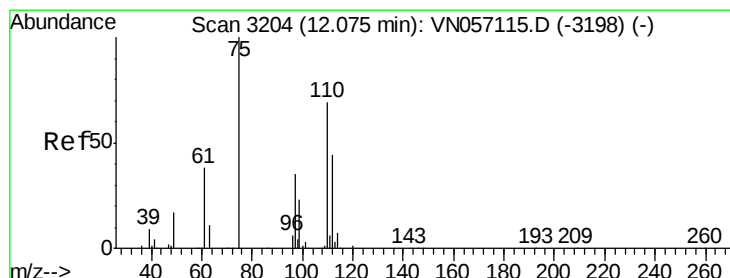
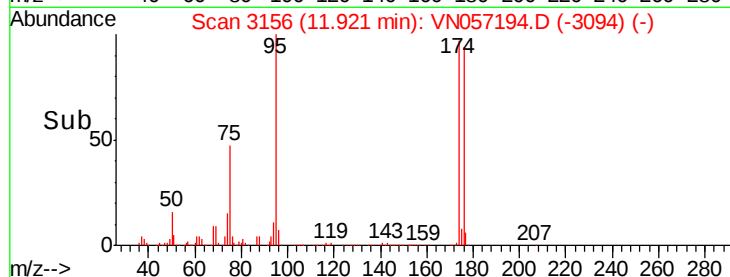
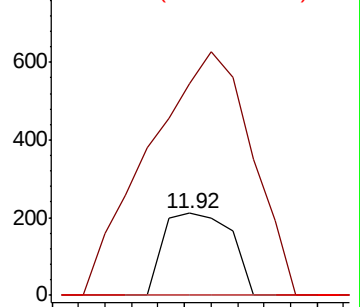
85 0.0 32.4 97.0#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 32.239 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.15 min

Lab File: VN057194.D

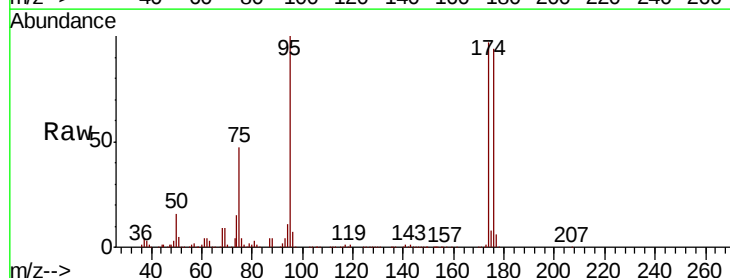
Acq: 11 Aug 2019 17:53

Tgt Ion: 75 Resp: 262919

Ion Ratio Lower Upper

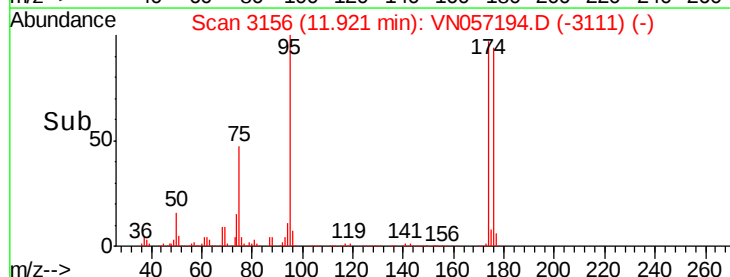
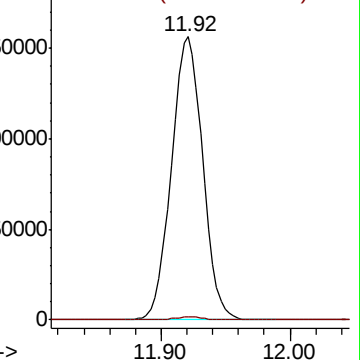
75 100

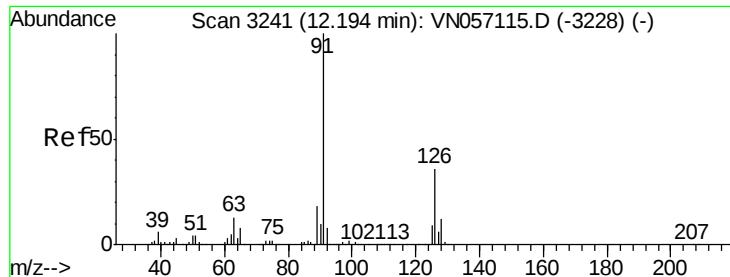
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.20 min Scan# 3242

Delta R.T. 0.00 min

Lab File: VN057194.D

Acq: 11 Aug 2019 17:53

Instrument :

MSVOA_N

ClientSampleId :

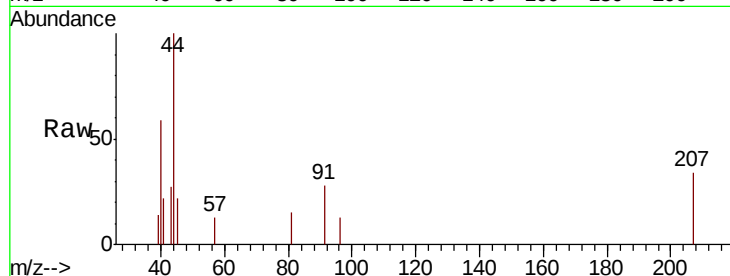
COMP-25

Tgt Ion: 91 Resp: 304

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.3#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

12.20

300

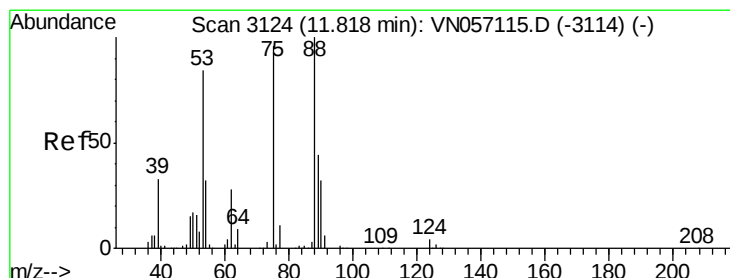
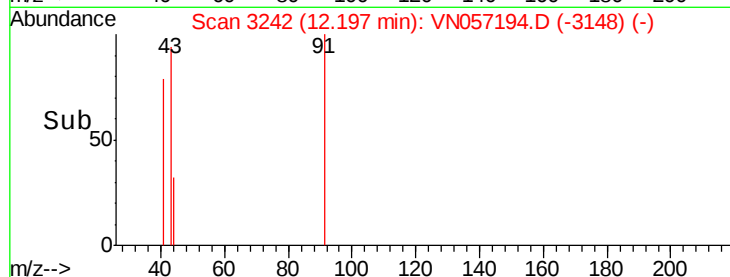
200

100

0

Time-->

12.18 12.20



#81

trans-1,4-Dichloro-2-butene

Concen: 95.541 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.10 min

Lab File: VN057194.D

Acq: 11 Aug 2019 17:53

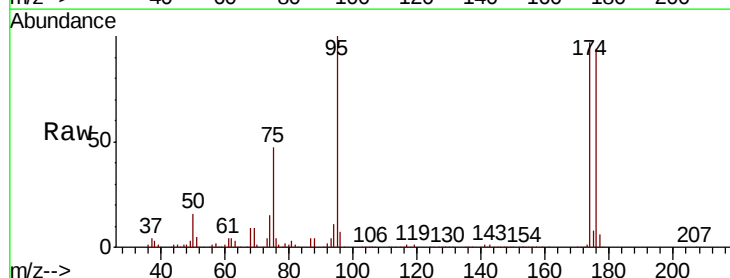
Tgt Ion: 75 Resp: 262919

Ion Ratio Lower Upper

75 100

53 0.0 70.6 106.0#

89 0.0 36.4 54.6#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

11.92

200000

150000

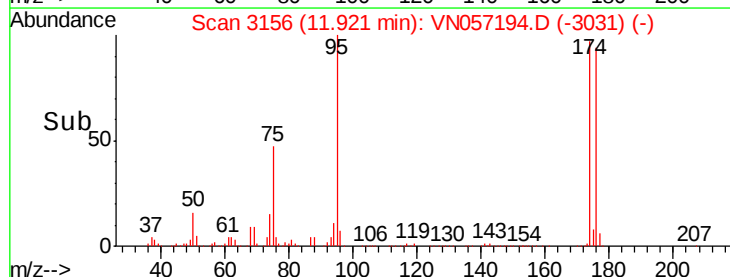
100000

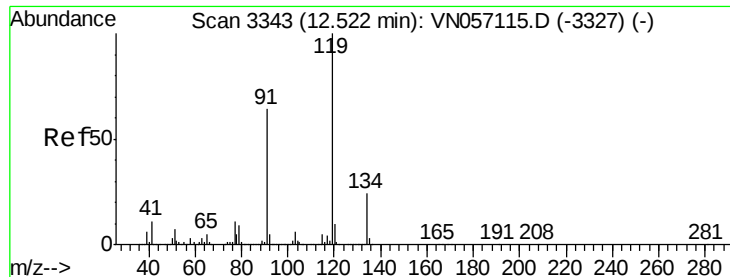
50000

0

Time-->

11.90 12.00





#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.57 min Scan# 3358

Delta R.T. 0.05 min

Lab File: VN057194.D

Acq: 11 Aug 2019 17:53

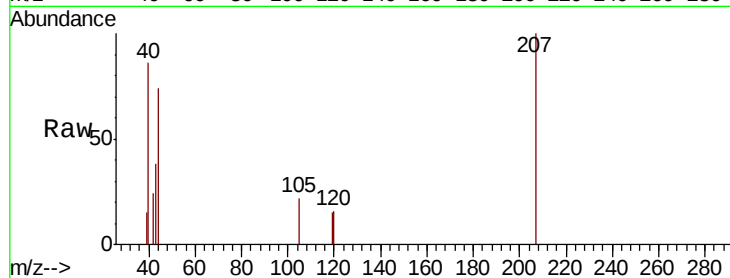
Instrument :

MSVOA_N

ClientSampleId :

COMP-25

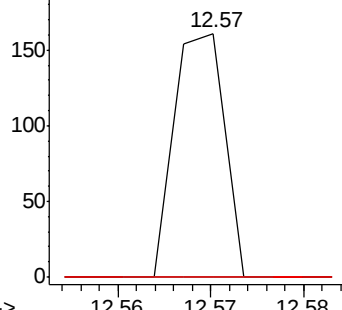
Tgt Ion:	119	Resp:	61
Ion	Ratio	Lower	Upper
119	100		
91	0.0	31.4	94.2#
134	0.0	13.2	39.6#



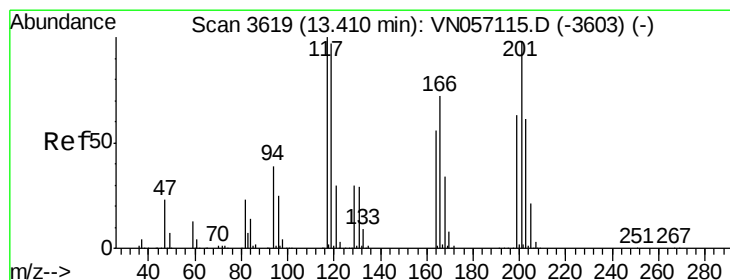
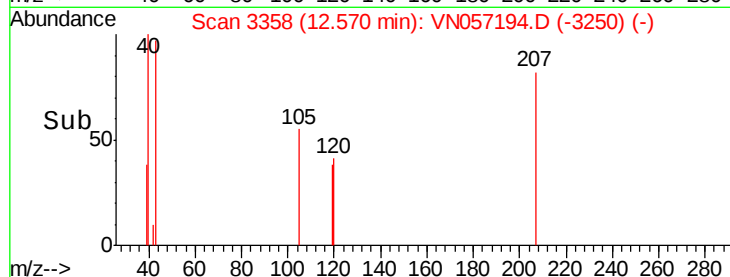
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



Time-->



#90

Hexachloroethane

Concen: Below Cal

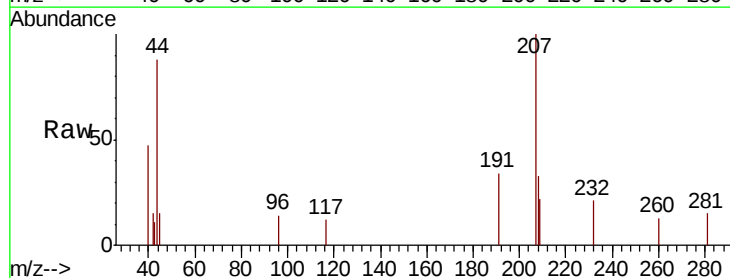
RT: 13.59 min Scan# 3674

Delta R.T. 0.18 min

Lab File: VN057194.D

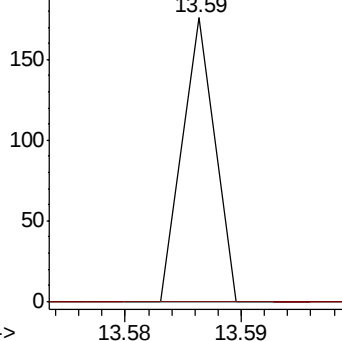
Acq: 11 Aug 2019 17:53

Tgt Ion:	117	Resp:	34
Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.3	147.8#

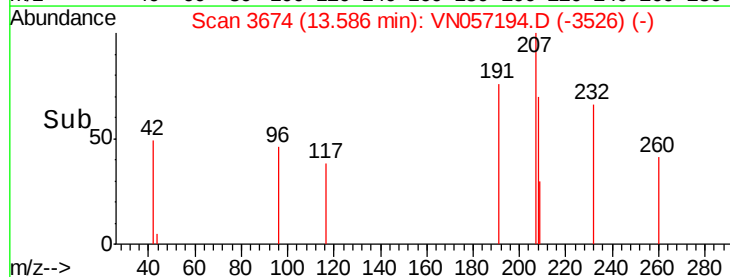


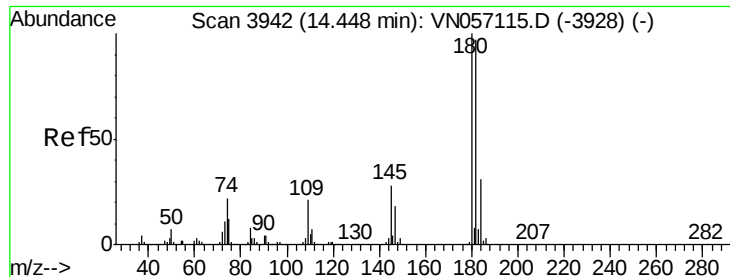
Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



Time-->

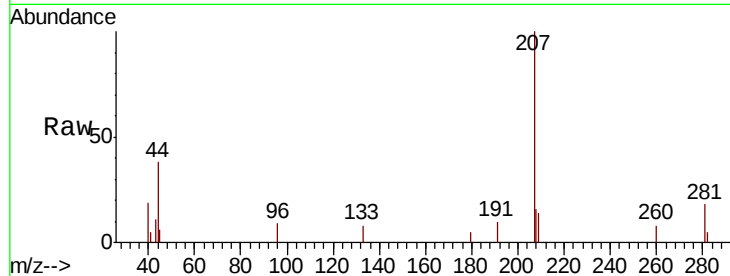




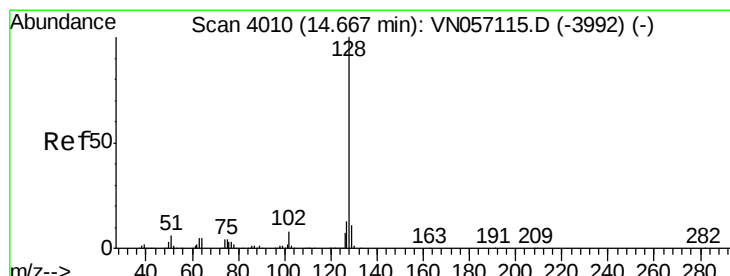
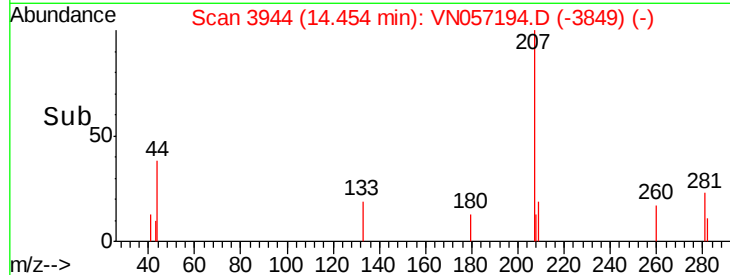
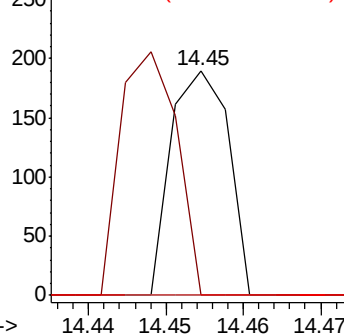
#93
 1,2,4-Trichlorobenzene
 Concen: 5.945 ug/l
 RT: 14.45 min Scan# 3944
 Delta R.T. 0.01 min
 Lab File: VN057194.D
 Acq: 11 Aug 2019 17:53

Instrument :
 MSVOA_N
 ClientSampled :
 COMP-25

Tgt Ion:180 Resp: 98
 Ion Ratio Lower Upper
 180 100
 182 106.1 47.5 142.6
 145 0.0 14.1 42.2#

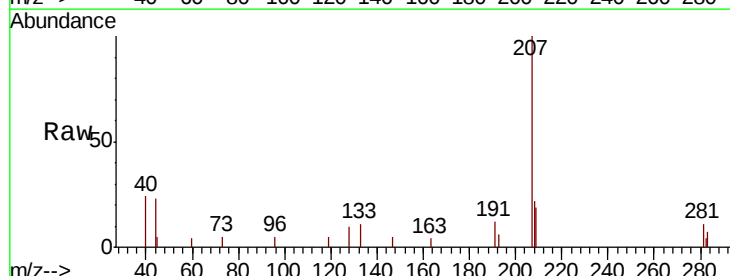


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

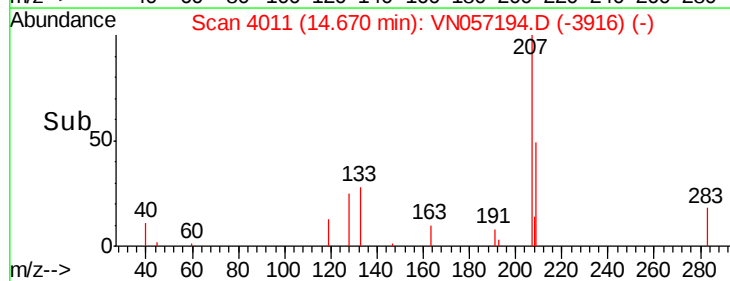
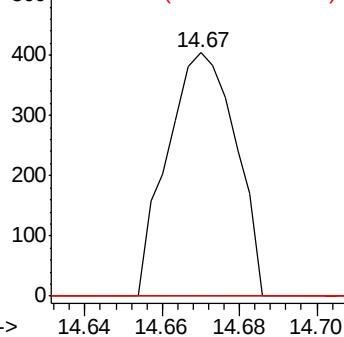


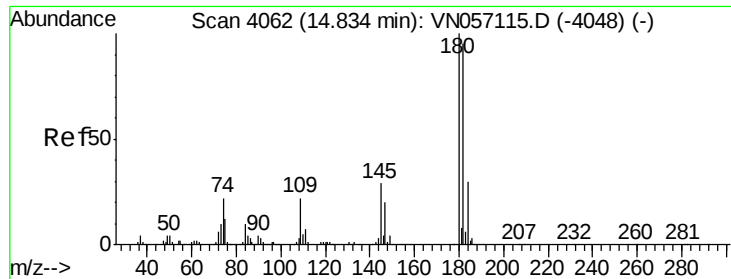
#95
 Naphthalene
 Concen: 2.849 ug/l
 RT: 14.67 min Scan# 4011
 Delta R.T. 0.00 min
 Lab File: VN057194.D
 Acq: 11 Aug 2019 17:53

Tgt Ion:128 Resp: 495
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 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: 5.762 ug/l

RT: 14.82 min Scan# 4059

Delta R.T. -0.01 min

Lab File: VN057194.D

Acq: 11 Aug 2019 17:53

Instrument :

MSVOA_N

ClientSampleId :

COMP-25

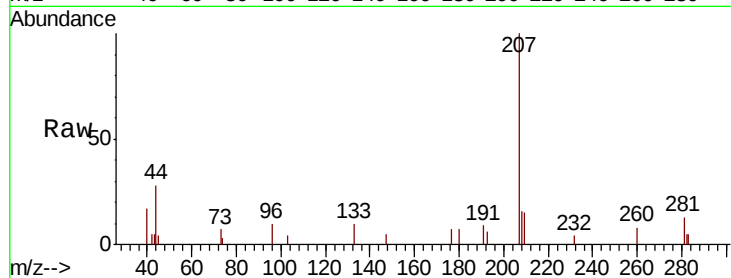
Tgt Ion:180 Resp: 279

Ion Ratio Lower Upper

180 100

182 0.0 48.3 144.8#

145 0.0 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

