

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082919\
 Data File : VN057564.D
 Acq On : 29 Aug 2019 21:43
 Operator : JC/SP
 Sample : K4528-34
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 30 12:09:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 08:56:38 2019
 Response via : Initial Calibration

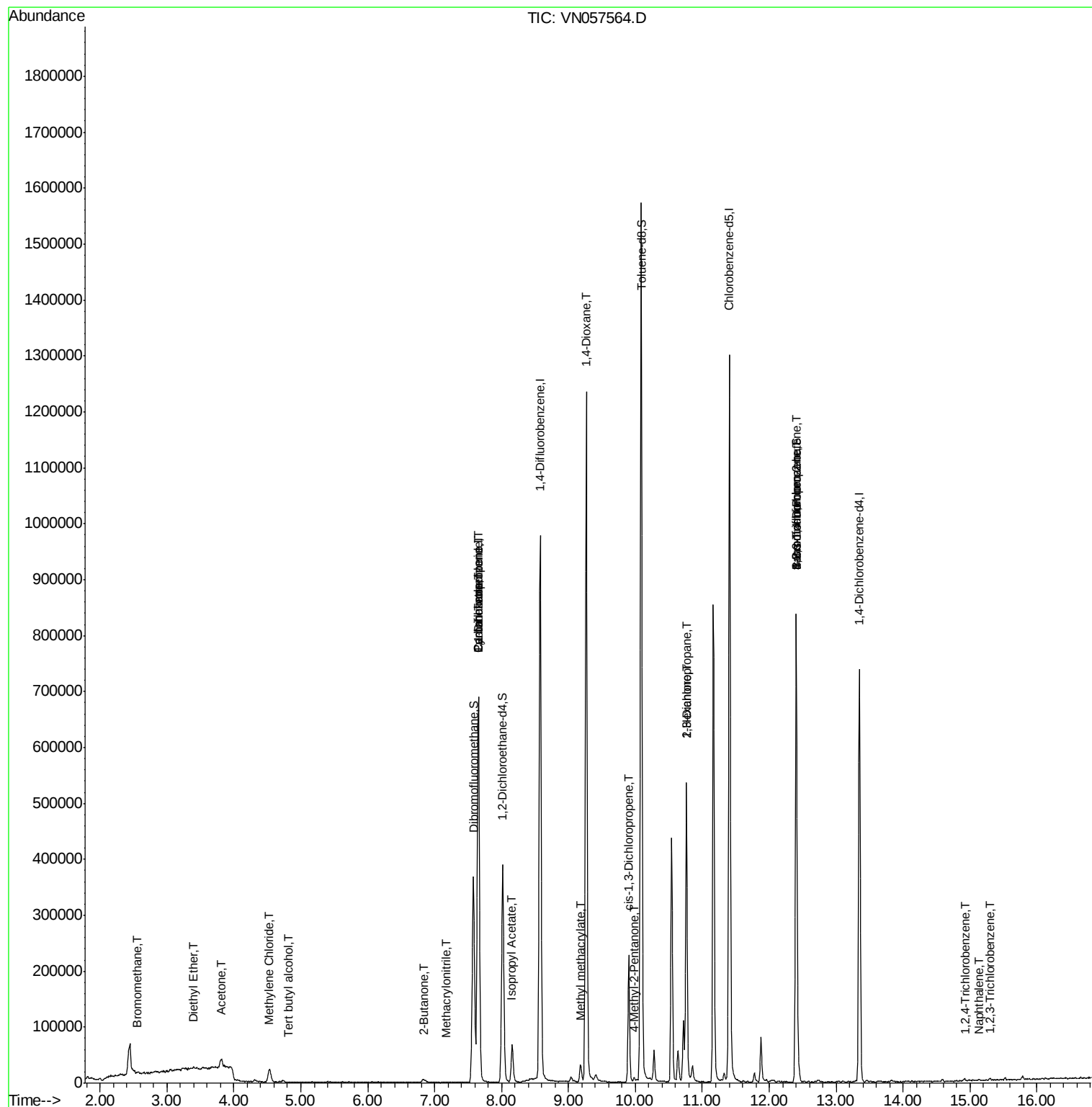
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	562748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	885329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	794171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	210344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	338111	38.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.42%	
35) Dibromofluoromethane	7.58	113	267511	34.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.62%	
50) Toluene-d8	10.08	98	1117946	39.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.60%	
62) 4-Bromofluorobenzene	12.40	95	303322	31.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.82%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.57	94	2315	0.289	ug/l	89
8) Diethyl Ether	3.40	74	1819	0.283	ug/l	85
11) Tert butyl alcohol	4.80	59	224	0.247	ug/l #	58
16) Acetone	3.81	43	22250	5.976	ug/l	90
18) Methyl Acetate	4.32	43	5668	Below Cal		94
20) Methylene Chloride	4.53	84	17011	2.466	ug/l #	84
25) 2-Butanone	6.85	43	2908	0.990	ug/l	99
31) Cyclohexane	7.65	56	11835	1.106	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	42326	4.420	ug/l #	51
38) Carbon Tetrachloride	7.66	117	55159	4.925	ug/l #	15
41) Methacrylonitrile	7.18	41	267	1.356	ug/l #	17
43) Isopropyl Acetate	8.16	43	75907	6.409	ug/l #	92
48) Methyl methacrylate	9.17	41	3576	0.639	ug/l #	15
49) 1,4-Dioxane	9.25	88	30	0.294	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	4774	0.754	ug/l #	80
54) cis-1,3-Dichloropropene	9.90	75	42312	3.648	ug/l #	53
57) 1,3-Dichloropropane	10.76	76	5679	0.486	ug/l #	46
59) 2-Hexanone	10.76	43	76339	17.467	ug/l #	57
71) Bromoform	12.39	173	1091	0.208	ug/l #	1
73) Isopropylbenzene	12.25	105	262	Below Cal	#	50
74) N-amyl acetate	12.03	43	1721	Below Cal	#	48
75) 1,1,2,2-Tetrachloroethane	12.42	83	113	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	159905	40.717	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	159905	114.309	ug/l #	8
83) tert-Butylbenzene	13.00	119	350	Below Cal	#	73
93) 1,2,4-Trichlorobenzene	14.92	180	1186	4.159	ug/l	75
95) Naphthalene	15.13	128	2398	0.345	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.30	180	1047	0.440	ug/l	94

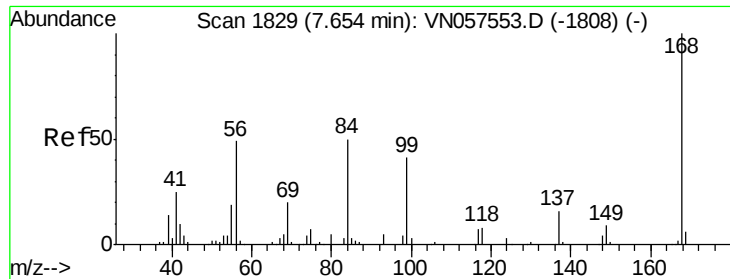
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 30 08:56:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN057564.D

Acq: 29 Aug 2019 21:43

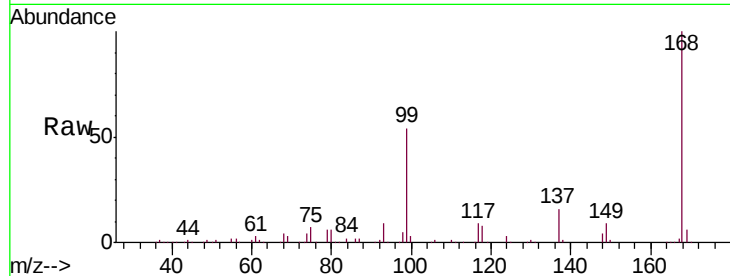
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 562748

Ion Ratio Lower Upper

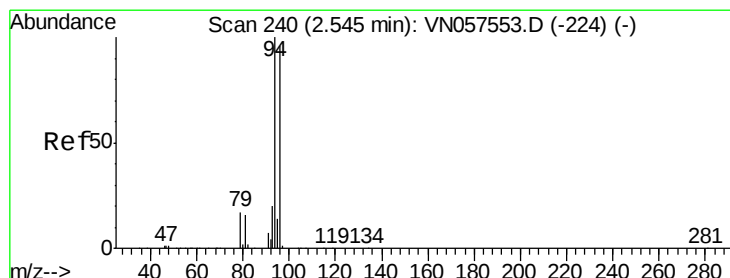
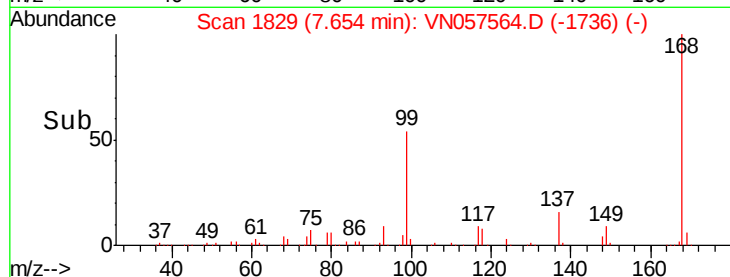
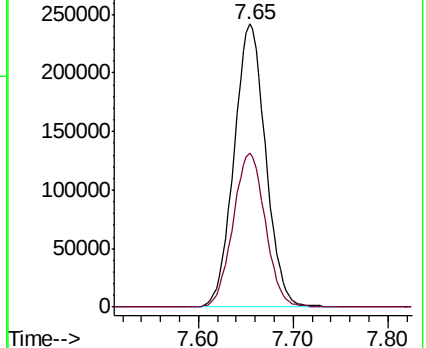
168 100

99 54.4 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#5

Bromomethane

Concen: 0.289 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.02 min

Lab File: VN057564.D

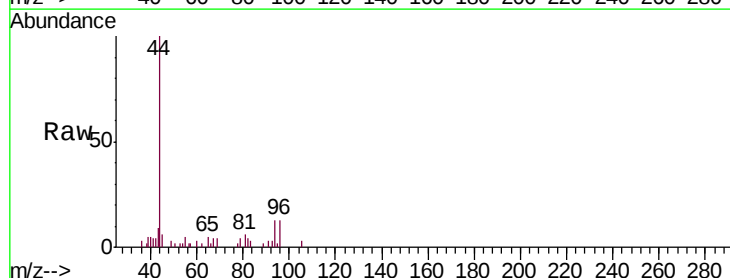
Acq: 29 Aug 2019 21:43

Tgt Ion: 94 Resp: 2315

Ion Ratio Lower Upper

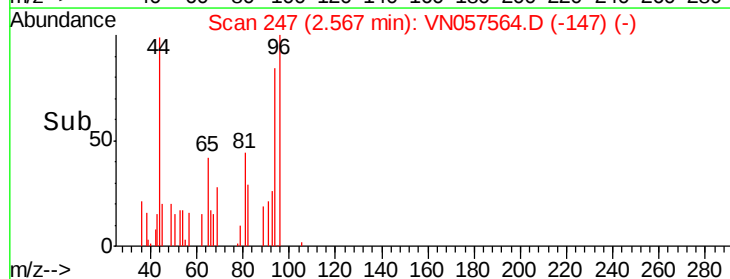
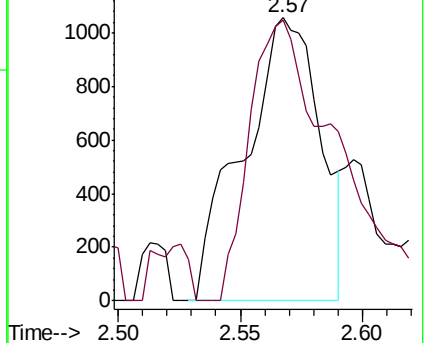
94 100

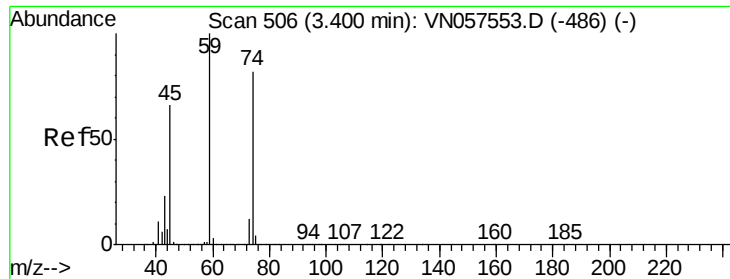
96 84.7 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO





#8

Diethyl Ether

Concen: 0.283 ug/l

RT: 3.40 min Scan# 505

Delta R.T. -0.00 min

Lab File: VN057564.D

Acq: 29 Aug 2019 21:43

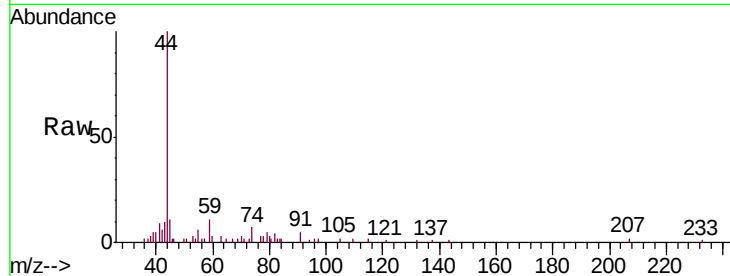
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 74 Resp: 1819

Ion Ratio Lower Upper

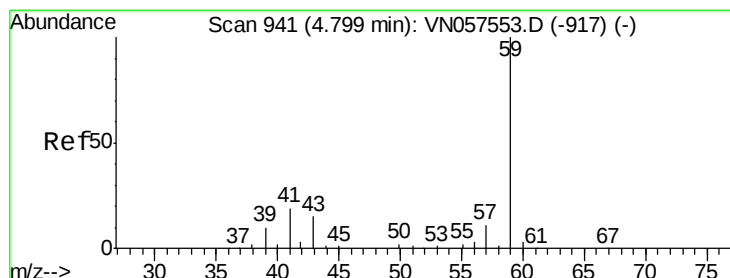
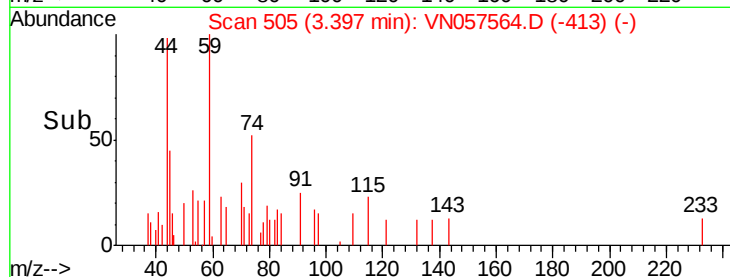
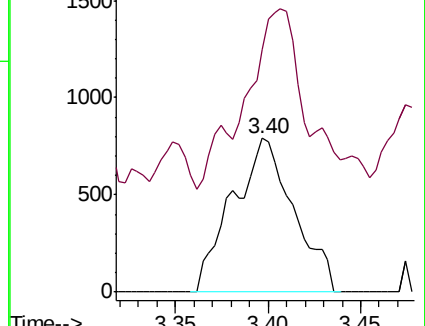
74 100

45 99.3 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#11

Tert butyl alcohol

Concen: 0.247 ug/l

RT: 4.80 min Scan# 941

Delta R.T. -0.00 min

Lab File: VN057564.D

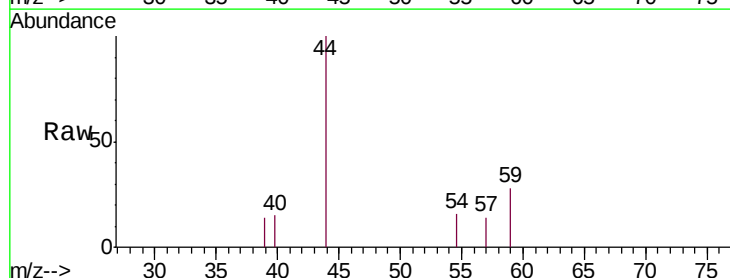
Acq: 29 Aug 2019 21:43

Tgt Ion: 59 Resp: 224

Ion Ratio Lower Upper

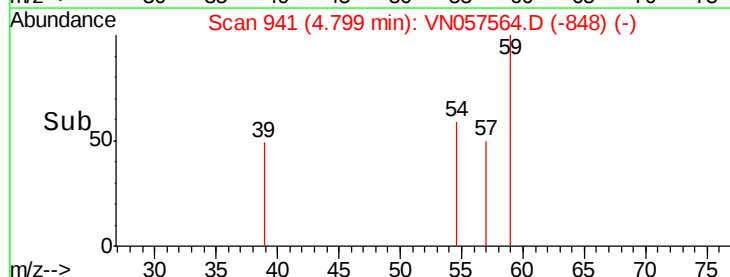
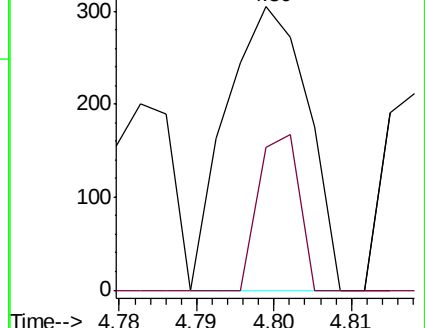
59 100

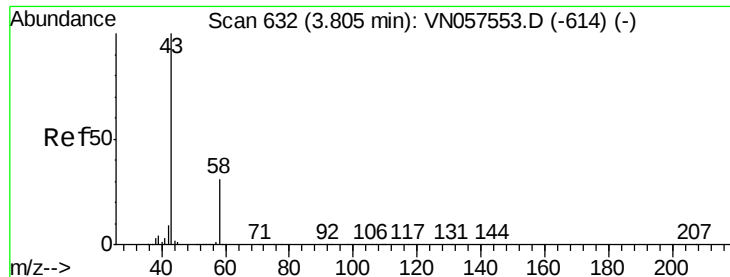
57 27.7 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

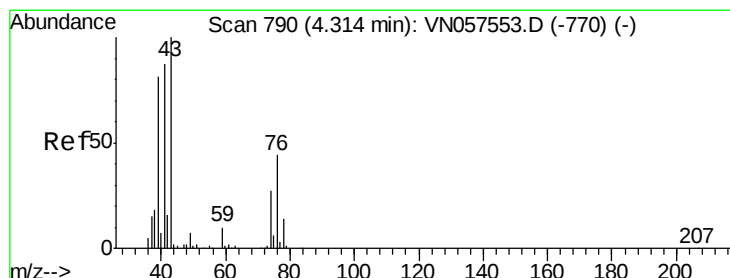
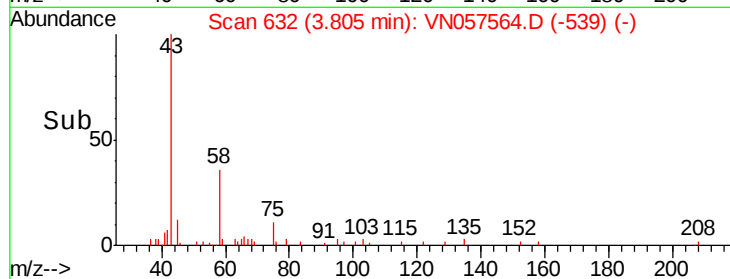
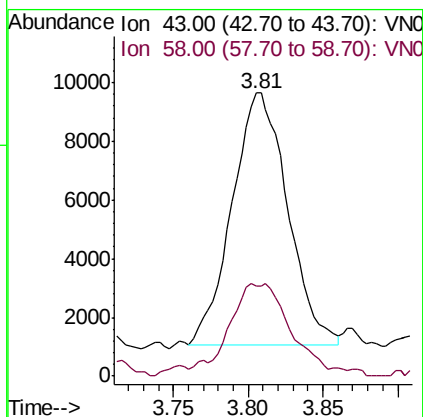
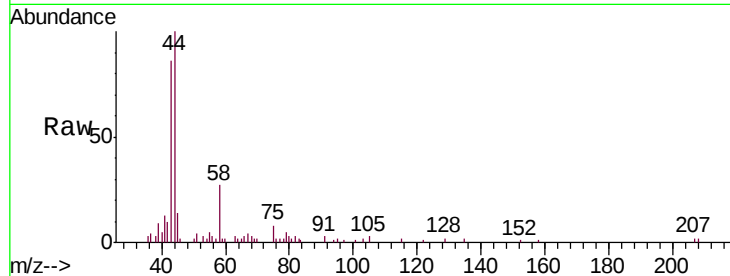




#16
Acetone
Concen: 5.976 ug/l
RT: 3.81 min Scan# 632
Delta R.T. -0.00 min
Lab File: VN057564.D
Acq: 29 Aug 2019 21:43

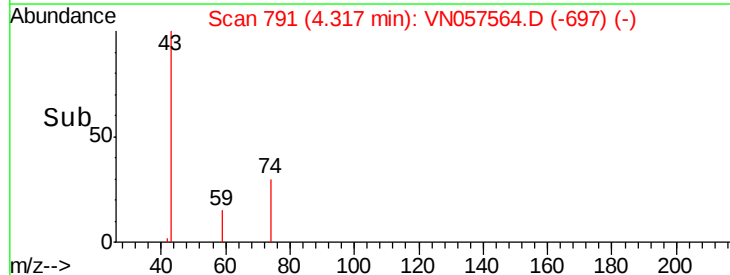
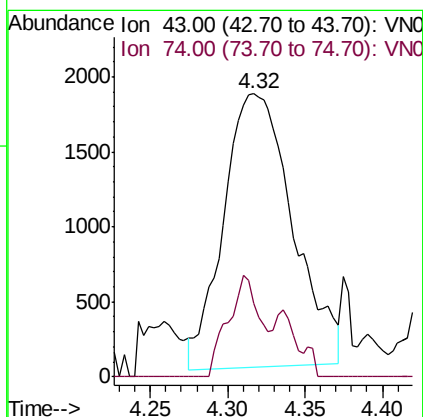
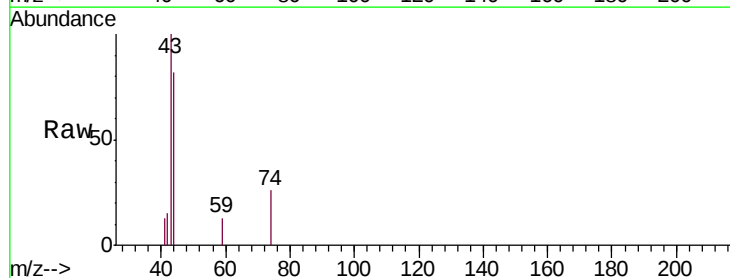
Instrument :
MSVOA_N
ClientSampled :

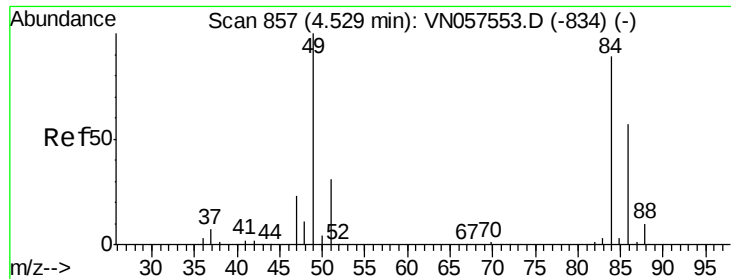
Tot Ion: 43 Resp: 22250
Ion Ratio Lower Upper
43 100
58 32.8 22.1 33.1



#18
Methyl Acetate
Concen: Below Cal
RT: 4.32 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN057564.D
Acq: 29 Aug 2019 21:43

Tgt Ion: 43 Resp: 5668
Ion Ratio Lower Upper
43 100
74 17.0 15.9 23.9





#20

Methylene Chloride

Concen: 2.466 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.00 min

Lab File: VN057564.D

Acq: 29 Aug 2019 21:43

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 84 Resp: 17011

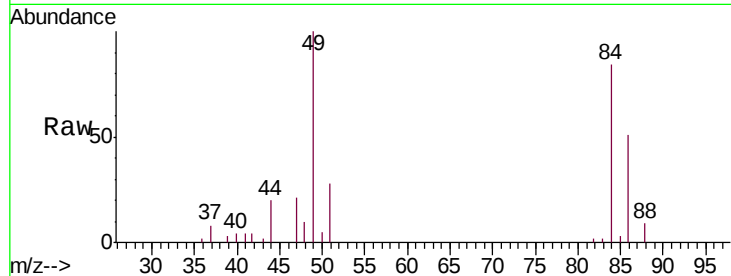
Ion Ratio Lower Upper

84 100

49 119.2 117.0 175.4

51 33.6 35.5 53.3#

86 60.6 49.8 74.8

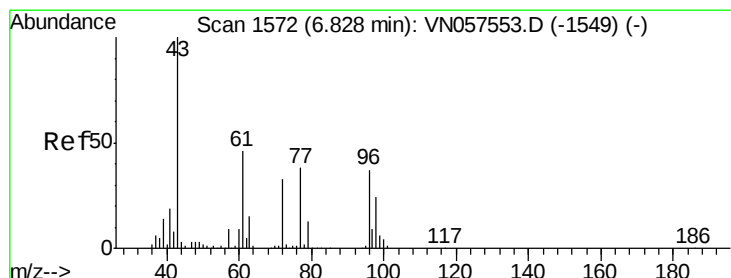
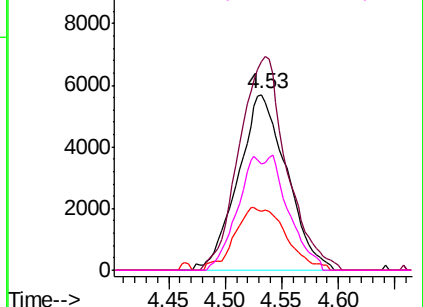
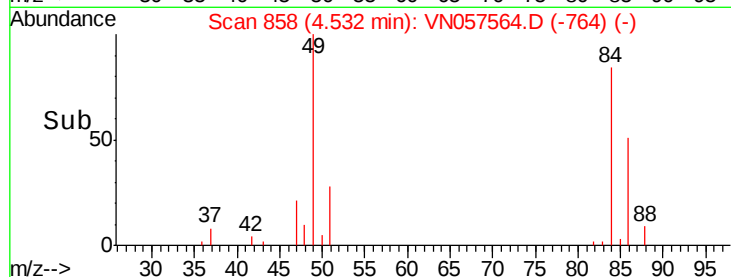


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 0.990 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.02 min

Lab File: VN057564.D

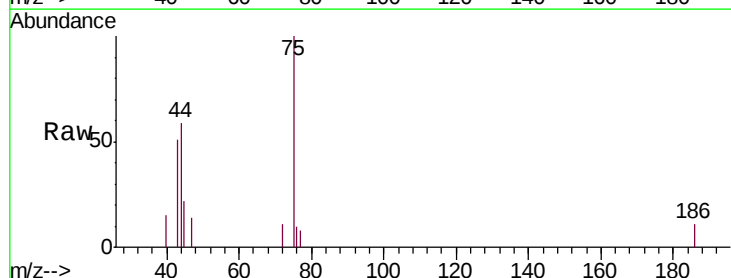
Acq: 29 Aug 2019 21:43

Tgt Ion: 43 Resp: 2908

Ion Ratio Lower Upper

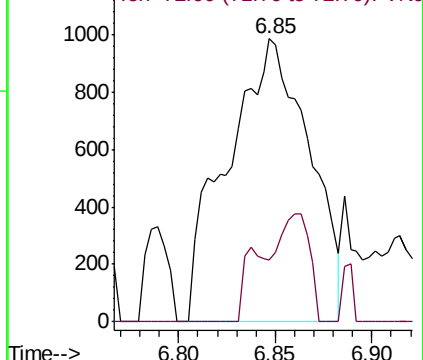
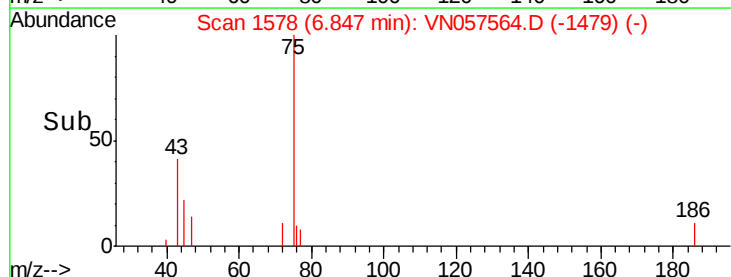
43 100

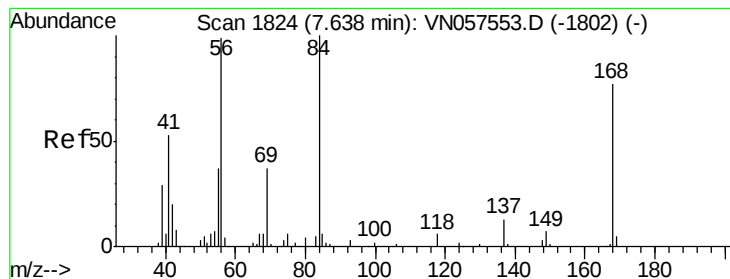
72 21.9 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#31

Cyclohexane

Concen: 1.106 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN057564.D

Acq: 29 Aug 2019 21:43

Instrument :

MSVOA_N

ClientSampled :

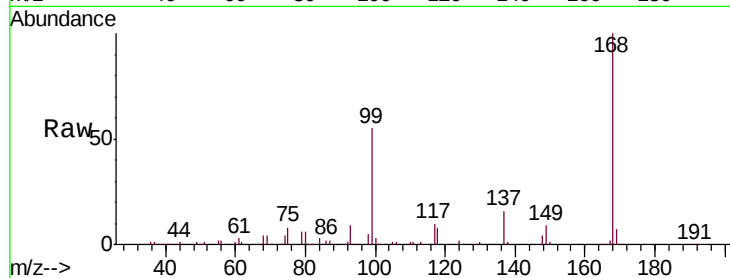
Tot Ion: 56 Resp: 11835

Ion Ratio Lower Upper

56 100

69 160.8 25.0 37.6#

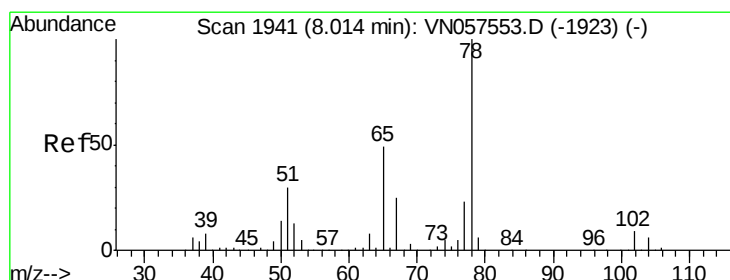
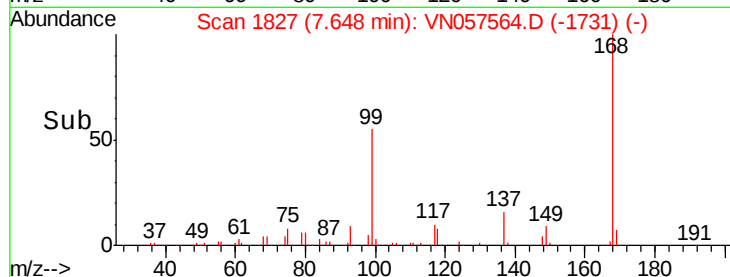
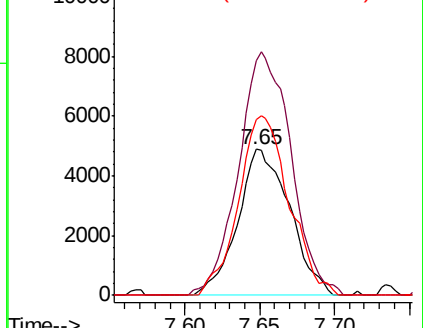
84 120.7 62.5 93.7#



Abundance Ion 56.00 (55.70 to 56.70): VN057553.D (-1802) (-)

Ion 69.00 (68.70 to 69.70): VN057553.D (-1802) (-)

Ion 84.00 (83.70 to 84.70): VN057553.D (-1802) (-)



#33

1,2-Dichloroethane-d4

Concen: 38.208 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN057564.D

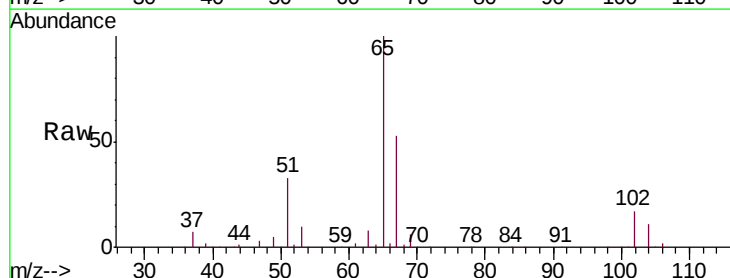
Acq: 29 Aug 2019 21:43

Tgt Ion: 65 Resp: 338111

Ion Ratio Lower Upper

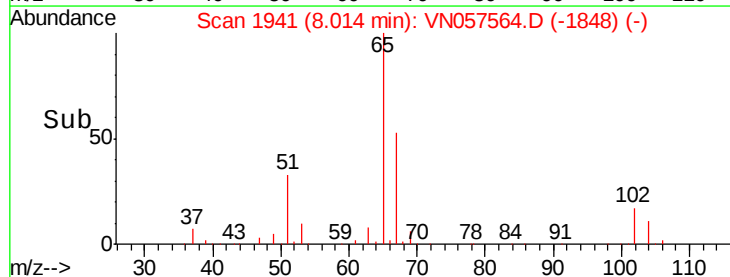
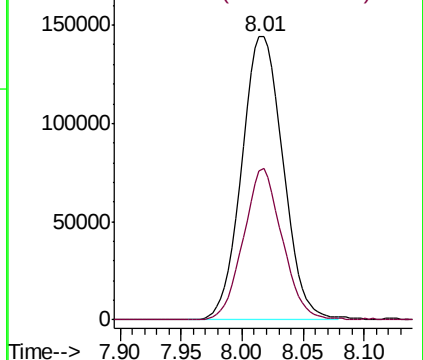
65 100

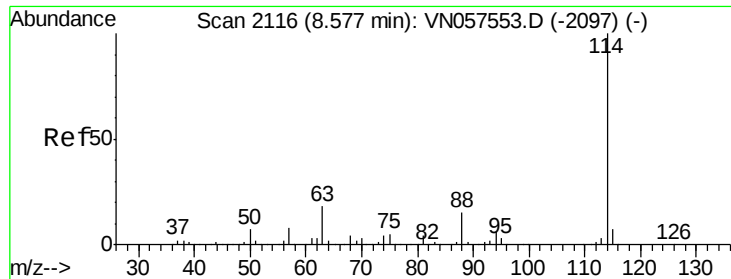
67 50.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN057553.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN057553.D (-1923) (-)

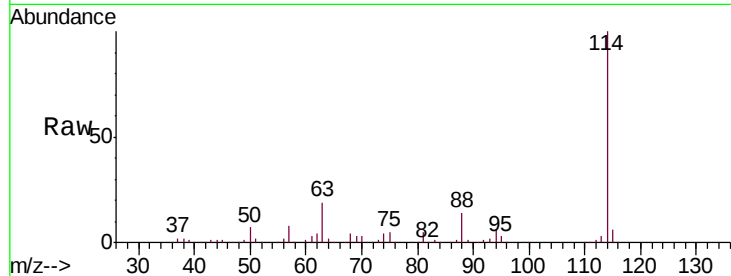




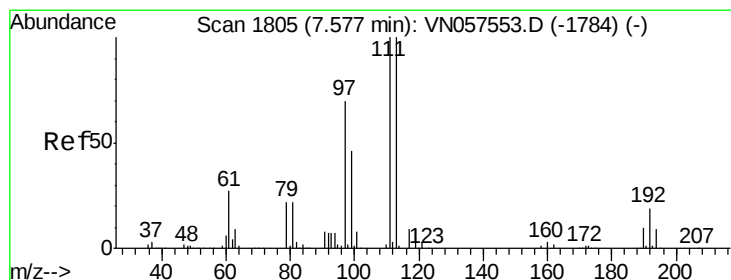
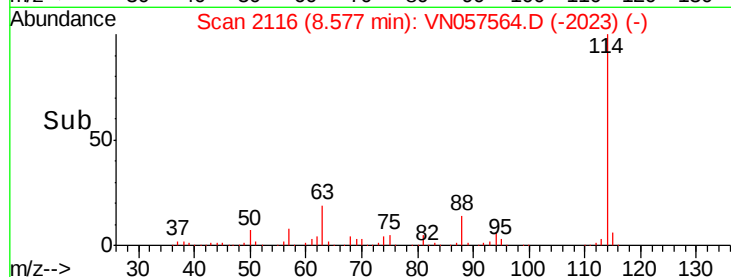
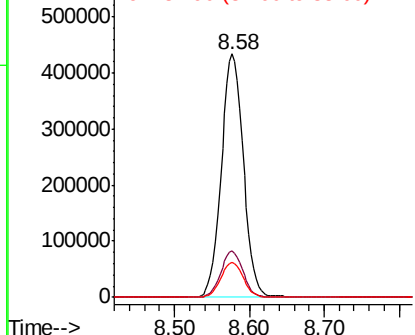
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. -0.00 min
Lab File: VN057564.D
Acq: 29 Aug 2019 21:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:114 Resp: 885329
Ion Ratio Lower Upper
114 100
63 18.9 0.0 50.2
88 14.2 0.0 34.6

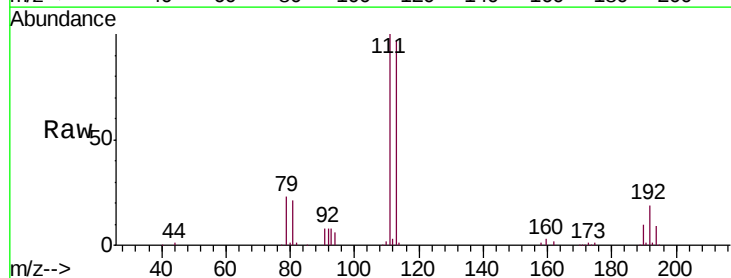


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

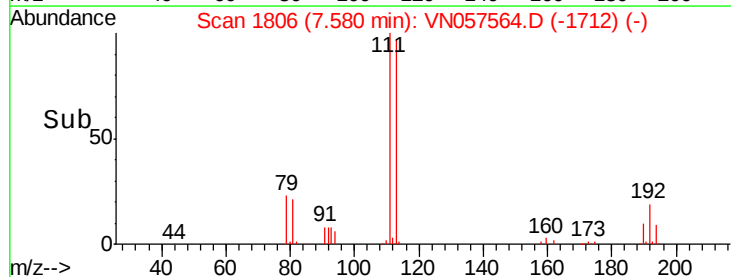
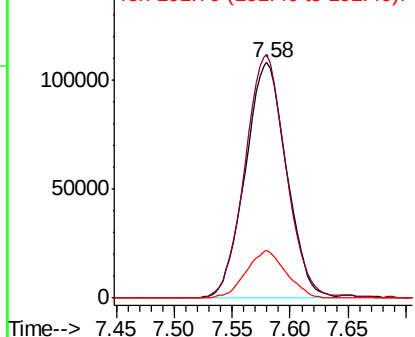


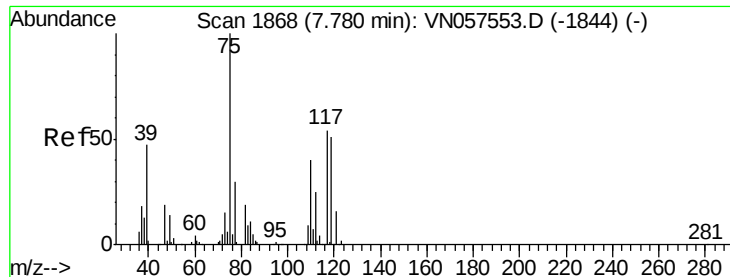
#35
Dibromofluoromethane
Concen: 34.809 ug/l
RT: 7.58 min Scan# 1806
Delta R.T. 0.00 min
Lab File: VN057564.D
Acq: 29 Aug 2019 21:43

Tgt Ion:113 Resp: 267511
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 19.7 13.5 20.3



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.420 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.13 min

Lab File: VN057564.D

Acq: 29 Aug 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

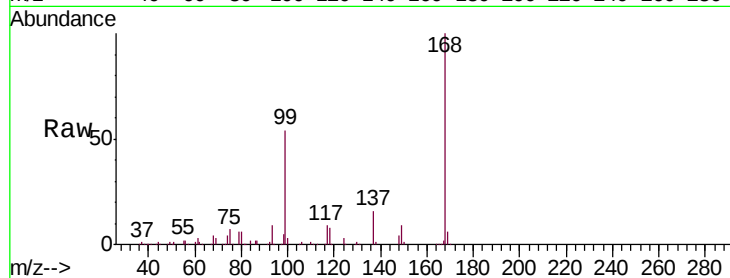
Tot Ion: 75 Resp: 42326

Ion Ratio Lower Upper

75 100

110 9.2 16.1 48.3#

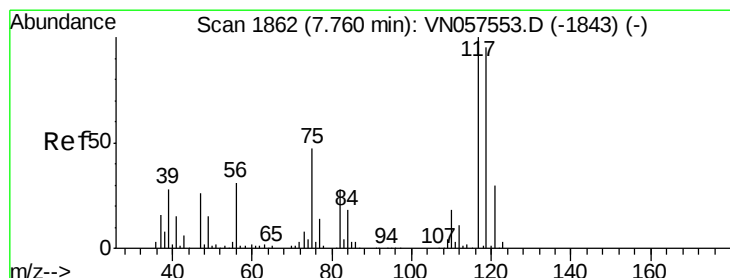
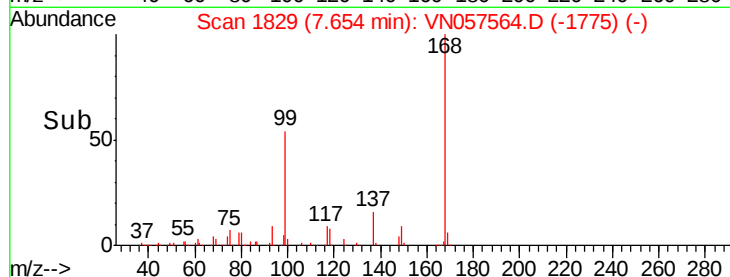
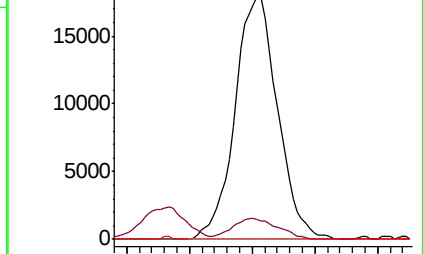
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VN057553.D (-1844) (-)

Ion 109.90 (109.60 to 110.60): VN057553.D (-1844) (-)

Ion 76.90 (76.60 to 77.60): VN057553.D (-1844) (-)



#38

Carbon Tetrachloride

Concen: 4.925 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.10 min

Lab File: VN057564.D

Acq: 29 Aug 2019 21:43

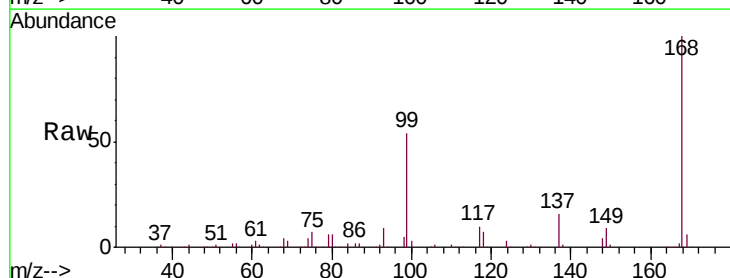
Tgt Ion: 117 Resp: 55159

Ion Ratio Lower Upper

117 100

119 3.5 76.2 114.4#

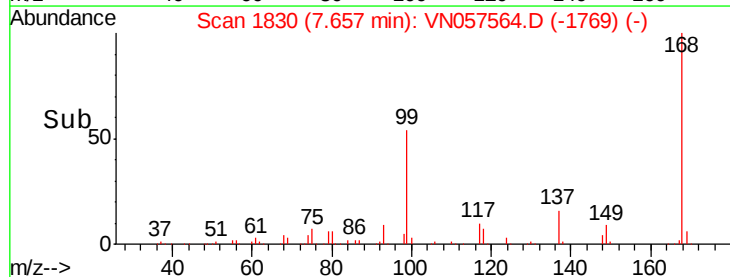
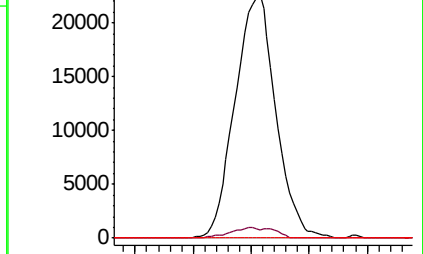
121 0.0 23.8 35.6#

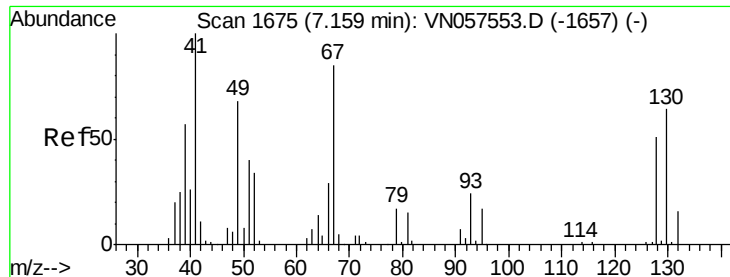


Abundance Ion 116.80 (116.50 to 117.50): VN057553.D (-1843) (-)

Ion 118.80 (118.50 to 119.50): VN057553.D (-1843) (-)

Ion 120.80 (120.50 to 121.50): VN057553.D (-1843) (-)

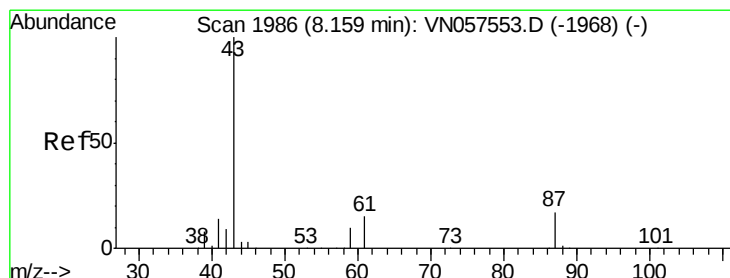
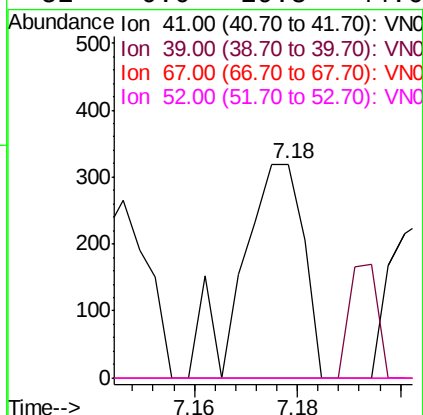
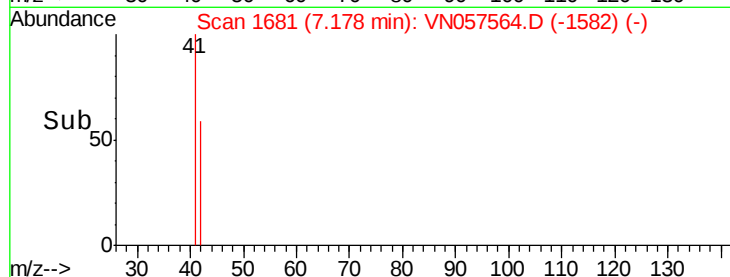
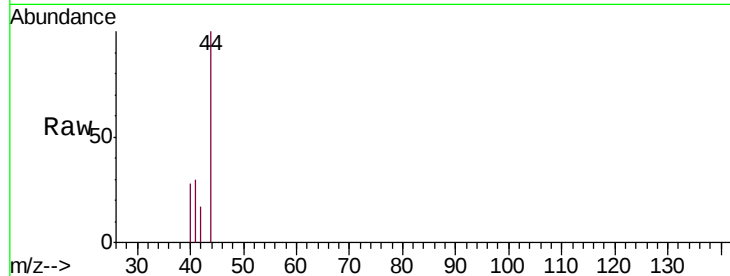




#41
Methacrylonitrile
Concen: 1.356 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.02 min
Lab File: VN057564.D
Acq: 29 Aug 2019 21:43

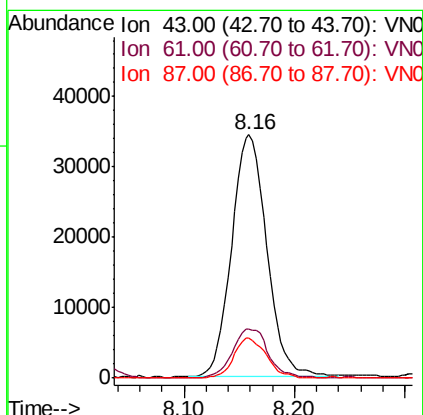
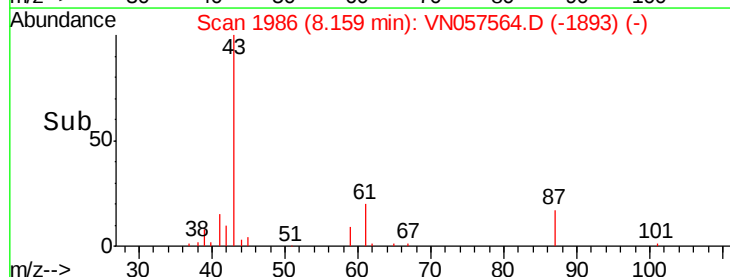
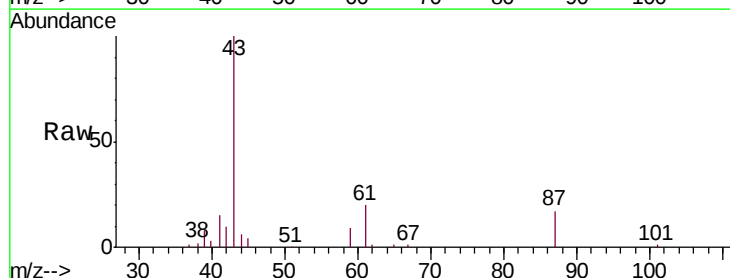
Instrument :
MSVOA_N
ClientSampled :

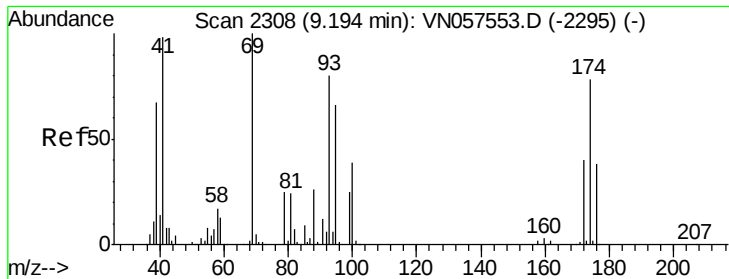
Tot Ion: 41 Resp: 267
Ion Ratio Lower Upper
41 100
39 0.0 53.6 80.4#
67 0.0 65.4 98.2#
52 0.0 29.8 44.6#



#43
Isopropyl Acetate
Concen: 6.409 ug/l
RT: 8.16 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN057564.D
Acq: 29 Aug 2019 21:43

Tgt Ion: 43 Resp: 75907
Ion Ratio Lower Upper
43 100
61 20.7 14.5 21.7
87 15.3 8.6 12.8#

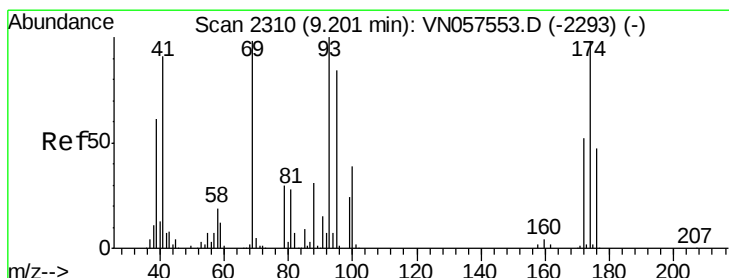
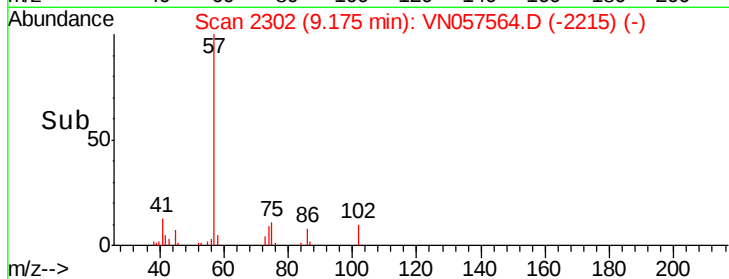
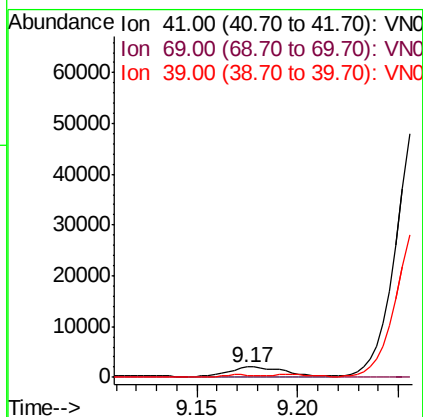
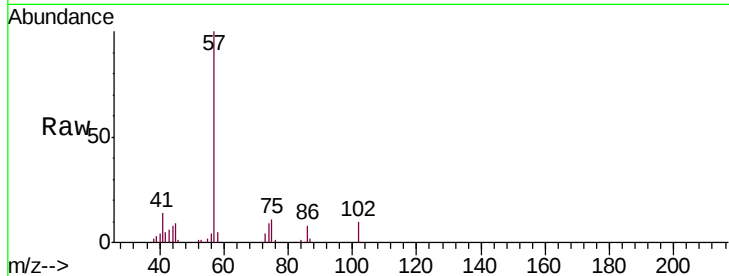




#48
Methvl methacrvlate
Concen: 0.639 ug/l
RT: 9.17 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN057564.D
Acq: 29 Aug 2019 21:43

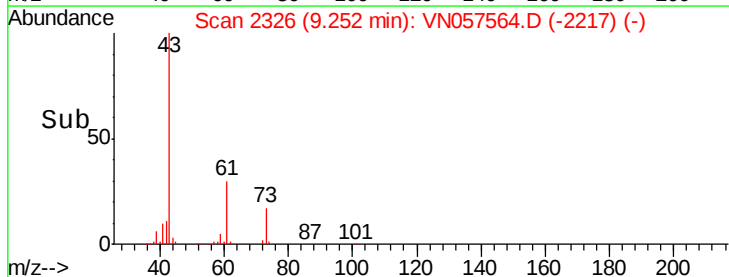
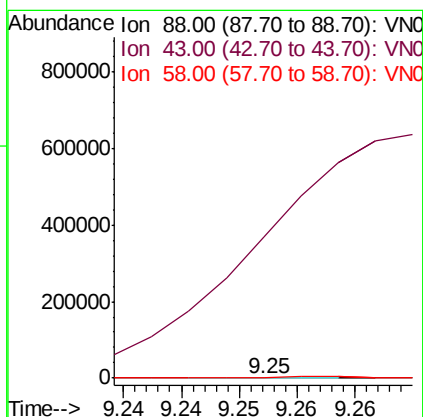
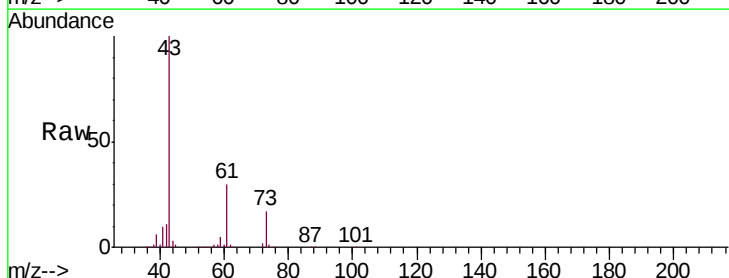
Instrument :
MSVOA_N
ClientSampleId :

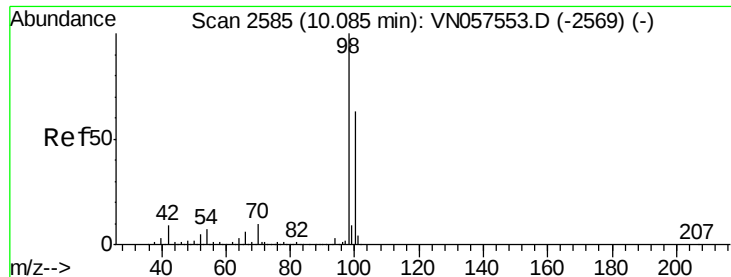
Tot Ion: 41 Resp: 3576
Ion Ratio Lower Upper
41 100
69 0.0 59.3 88.9#
39 0.0 50.6 75.8#



#49
1,4-Dioxane
Concen: 0.294 ug/l
RT: 9.25 min Scan# 2326
Delta R.T. 0.05 min
Lab File: VN057564.D
Acq: 29 Aug 2019 21:43

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 3910480.0 31.0 46.6#
58 11453.3 64.5 96.7#





#50

Toluene-d8

Concen: 39.802 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057564.D

Acq: 29 Aug 2019 21:43

Instrument :

MSVOA_N

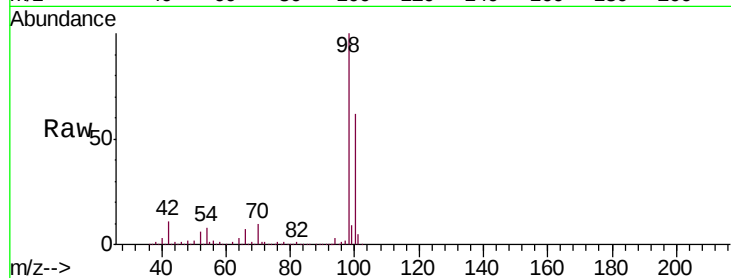
ClientSampled :

Tot Ion: 98 Resp: 1117946

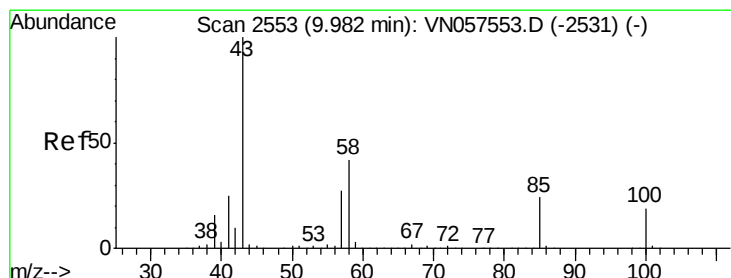
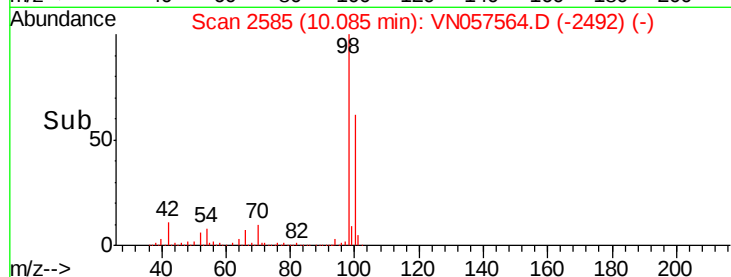
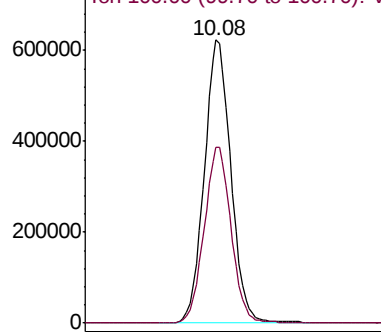
Ion Ratio Lower Upper

98 100

100 63.0 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN057553.D (-2569) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.754 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN057564.D

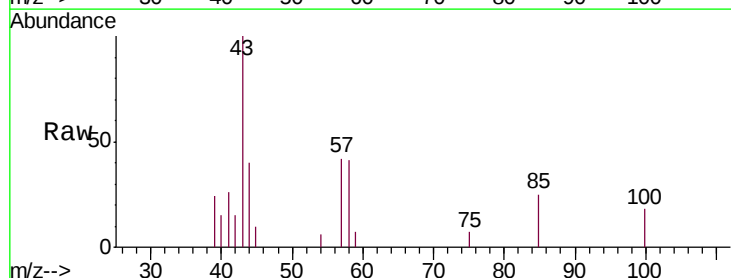
Acq: 29 Aug 2019 21:43

Tgt Ion: 43 Resp: 4774

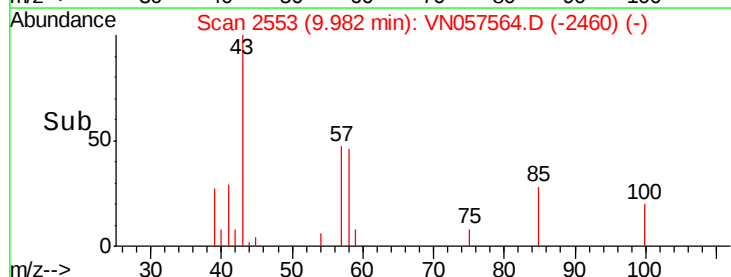
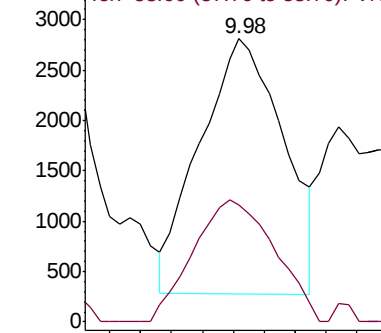
Ion Ratio Lower Upper

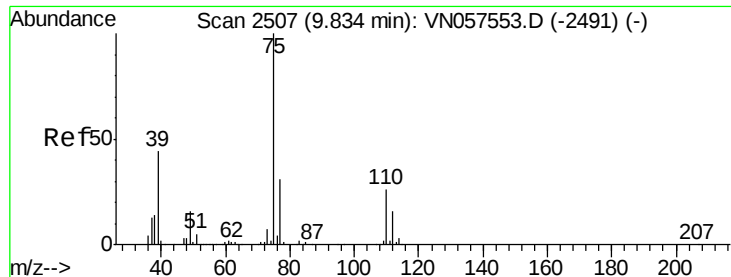
43 100

58 46.5 27.9 41.9#



Abundance Ion 43.00 (42.70 to 43.70): VN057553.D (-2531) (-)



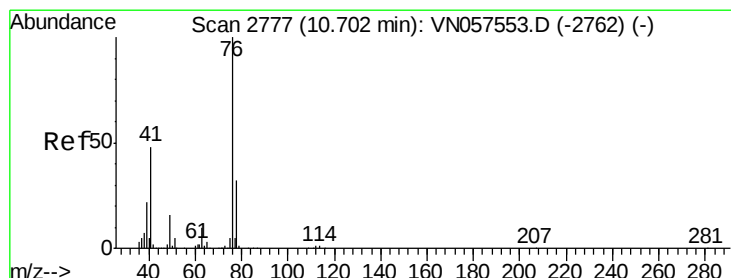
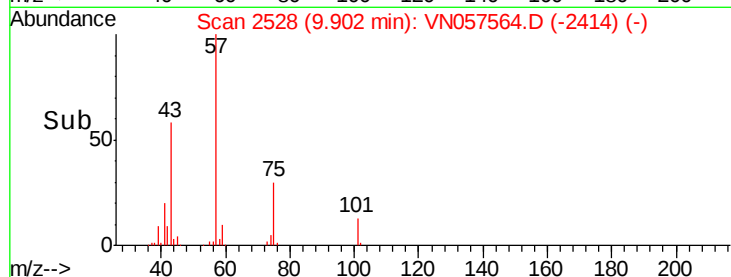
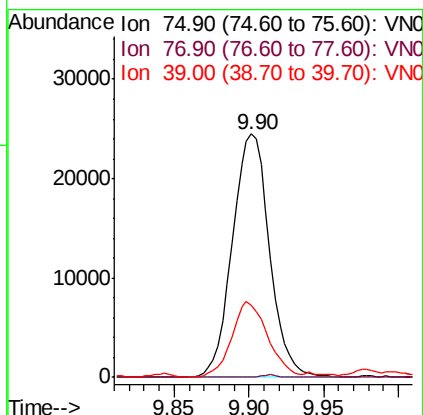
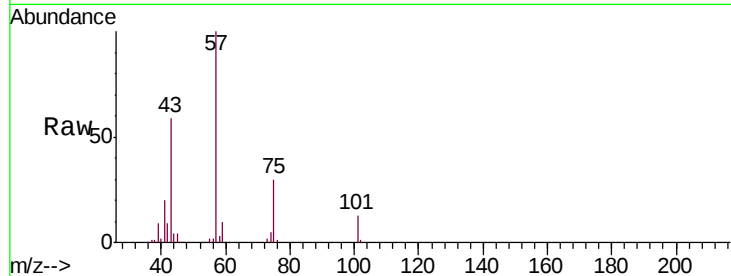


#54

cis-1,3-Dichloropropene
 Concen: 3.648 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.07 min
 Lab File: VN057564.D
 Acq: 29 Aug 2019 21:43

Instrument :
 MSVOA_N
 ClientSampleId :

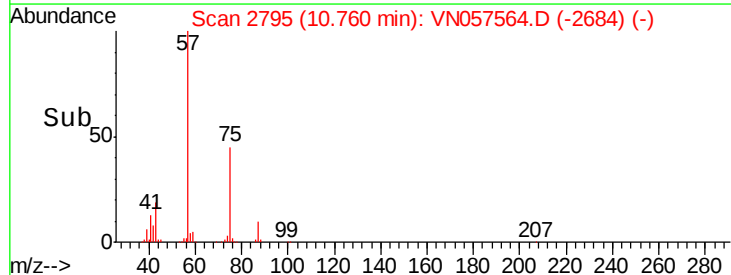
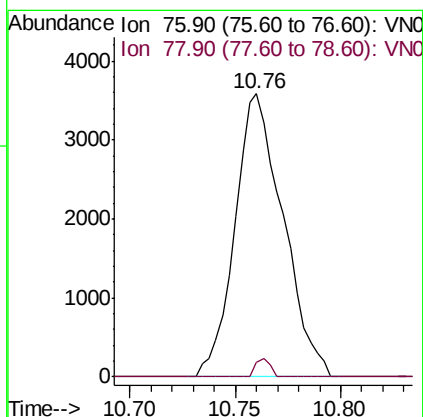
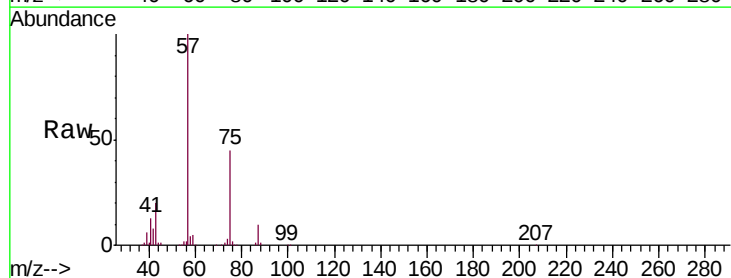
Tot Ion: 75 Resp: 42312
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#
 39 29.7 49.2 73.8#

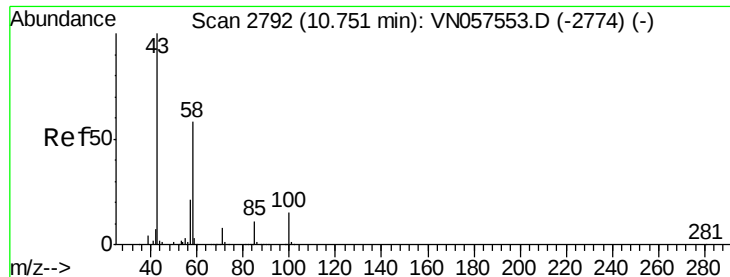


#57

1,3-Dichloropropane
 Concen: 0.486 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.06 min
 Lab File: VN057564.D
 Acq: 29 Aug 2019 21:43

Tgt Ion: 76 Resp: 5679
 Ion Ratio Lower Upper
 76 100
 78 2.0 25.5 38.3#

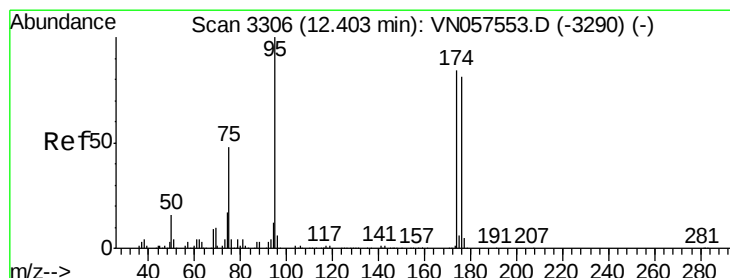
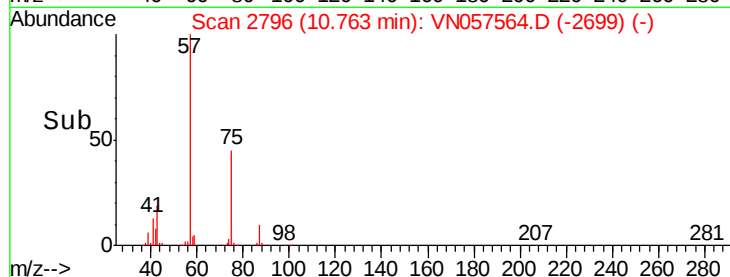
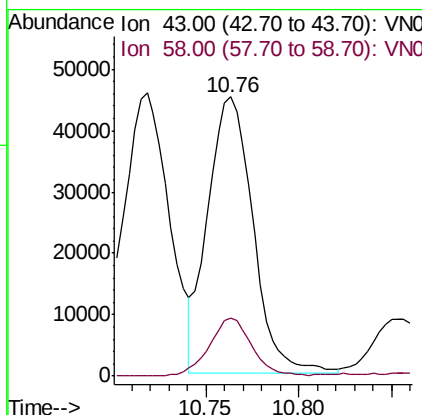
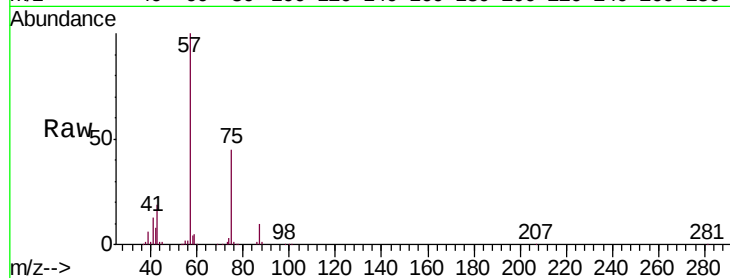




#59
2-Hexanone
Concen: 17.467 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN057564.D
Acq: 29 Aug 2019 21:43

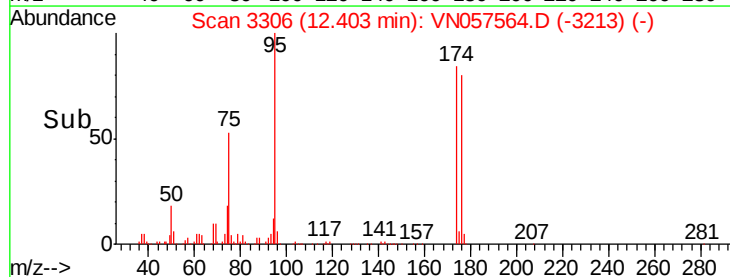
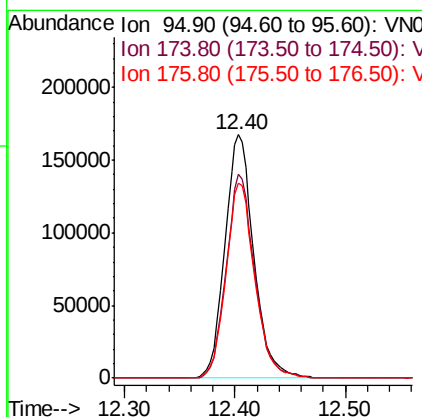
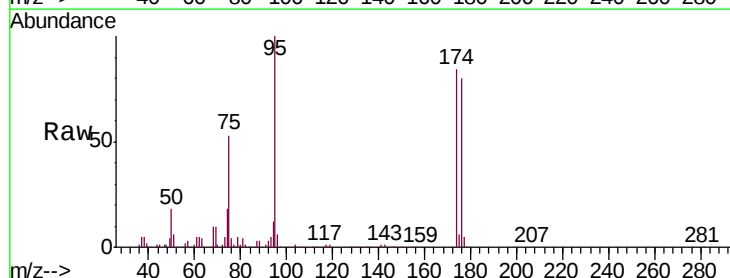
Instrument :
MSVOA_N
ClientSampled :

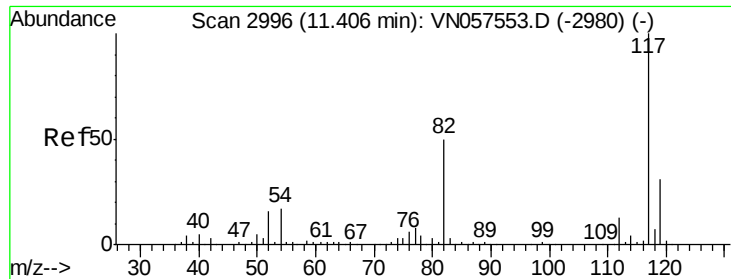
Tot Ion: 43 Resp: 76339
Ion Ratio Lower Upper
43 100
58 19.8 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 31.914 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN057564.D
Acq: 29 Aug 2019 21:43

Tgt Ion: 95 Resp: 303322
Ion Ratio Lower Upper
95 100
174 82.8 0.0 133.0
176 79.9 0.0 130.8

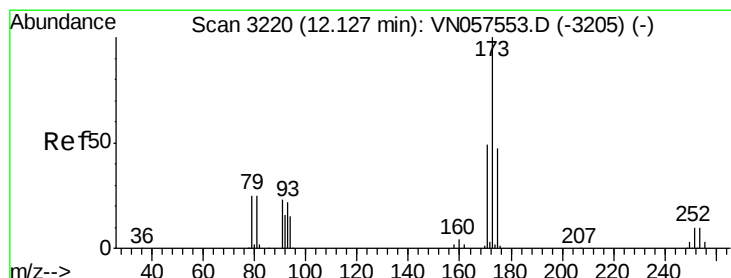
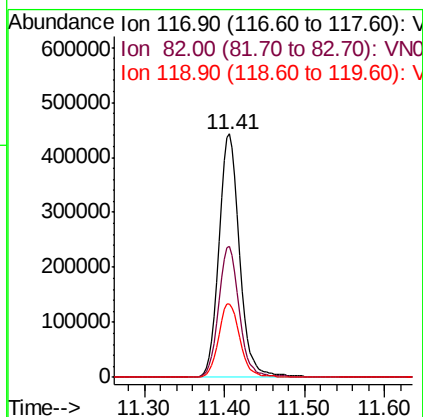
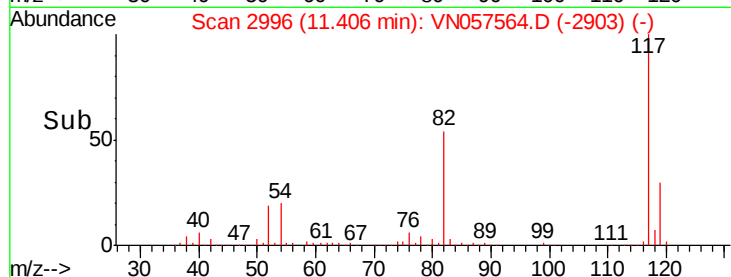
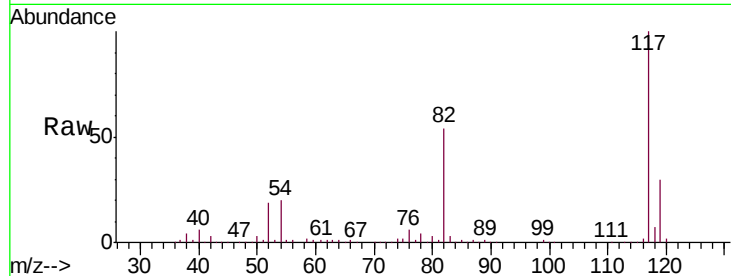




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN057564.D
Acq: 29 Aug 2019 21:43

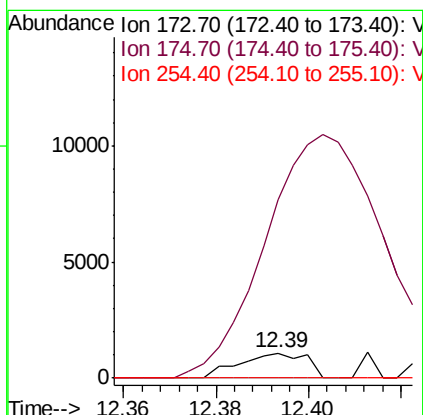
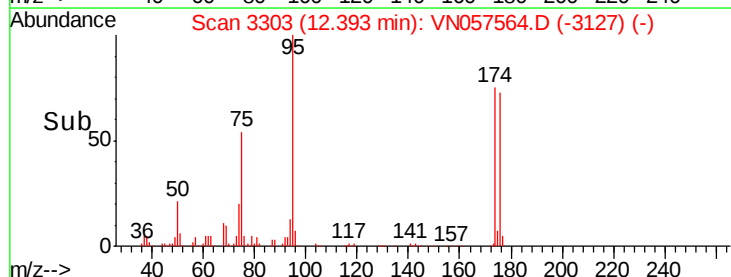
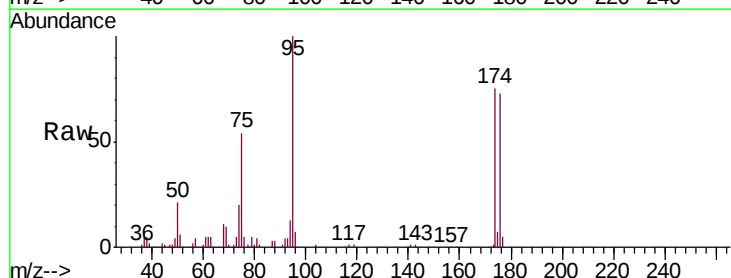
Instrument :
MSVOA_N
ClientSampled :

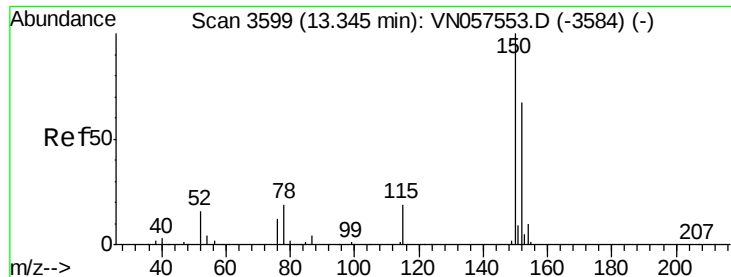
Tot Ion:117 Resp: 794171
Ion Ratio Lower Upper
117 100
82 53.9 50.6 75.8
119 30.3 24.6 36.8



#71
Bromoform
Concen: 0.208 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.27 min
Lab File: VN057564.D
Acq: 29 Aug 2019 21:43

Tgt Ion:173 Resp: 1091
Ion Ratio Lower Upper
173 100
175 1389.8 23.9 71.8#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057564.D

Acq: 29 Aug 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

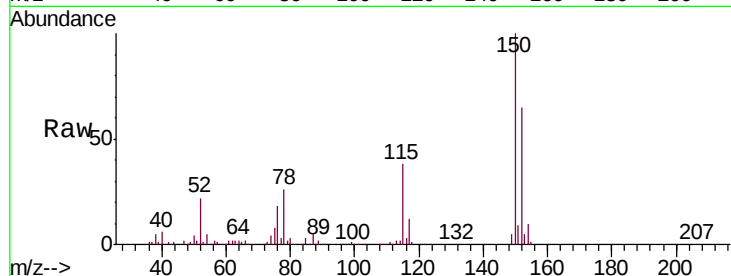
Tot Ion:152 Resp: 210344

Ion Ratio Lower Upper

152 100

115 57.8 32.0 96.0

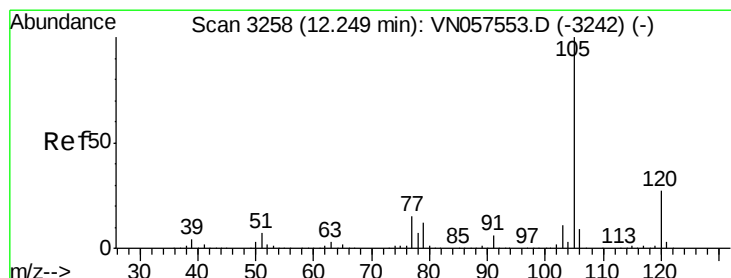
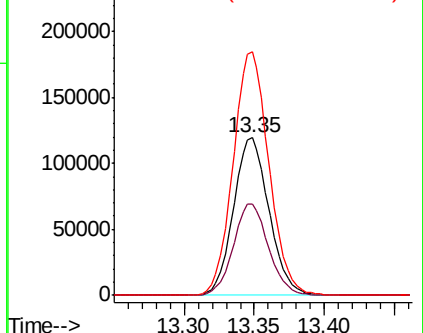
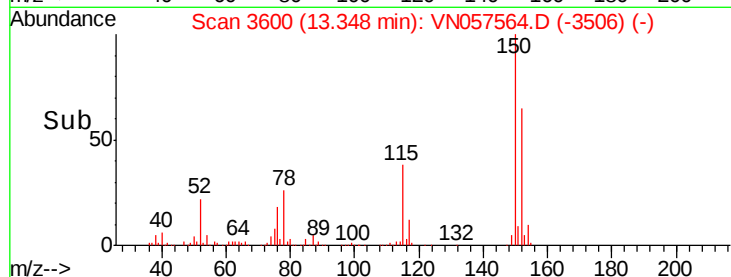
150 156.3 0.0 346.6



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: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057564.D

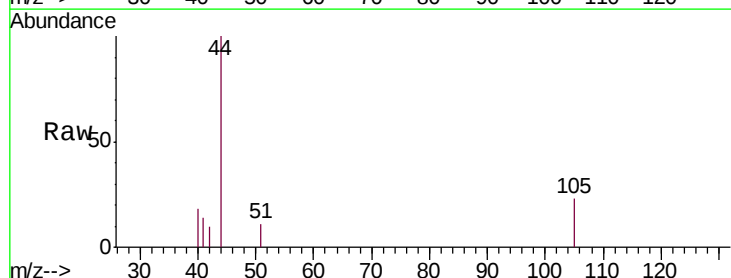
Acq: 29 Aug 2019 21:43

Tgt Ion:105 Resp: 262

Ion Ratio Lower Upper

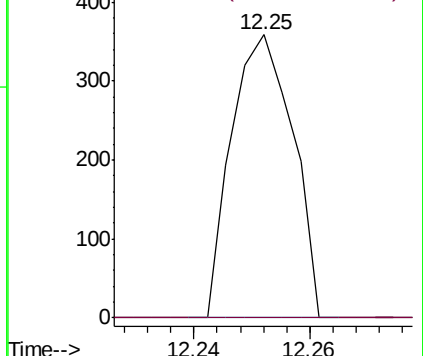
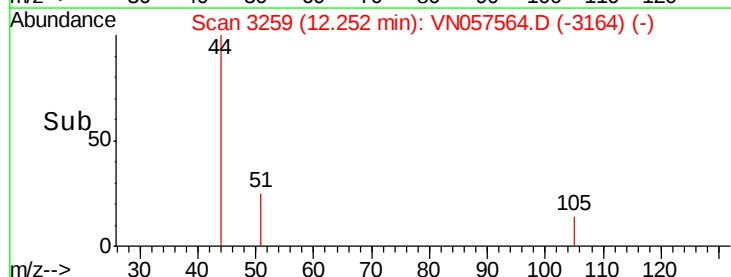
105 100

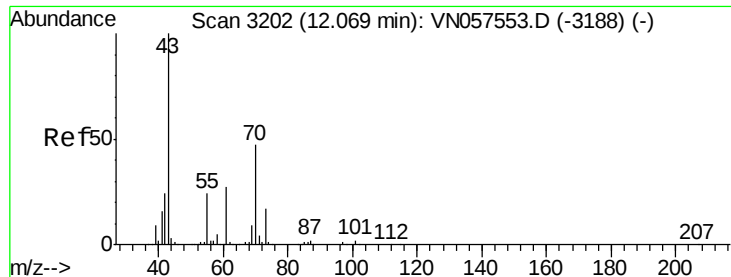
120 0.0 12.7 38.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: Below Cal

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057564.D

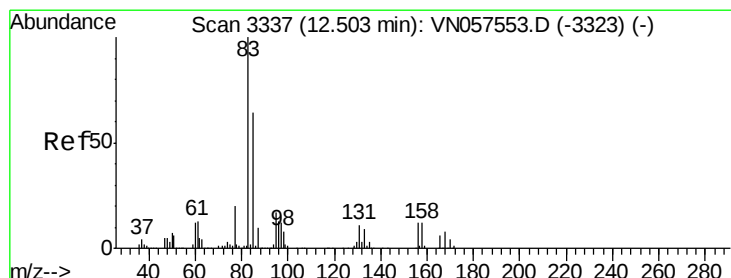
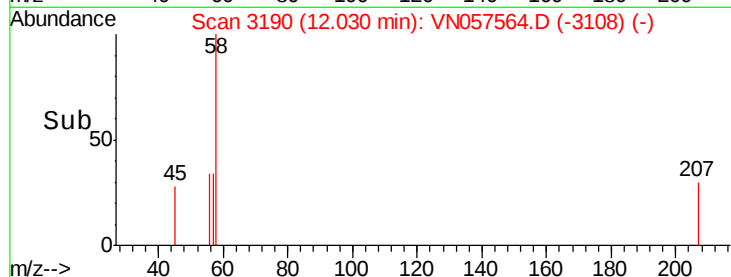
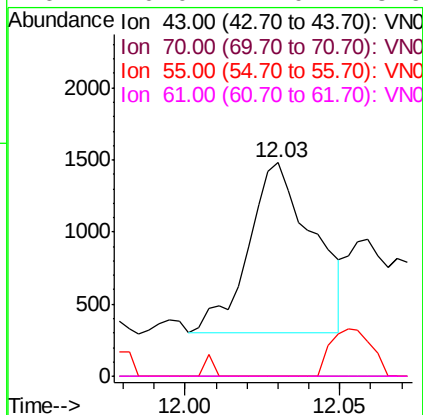
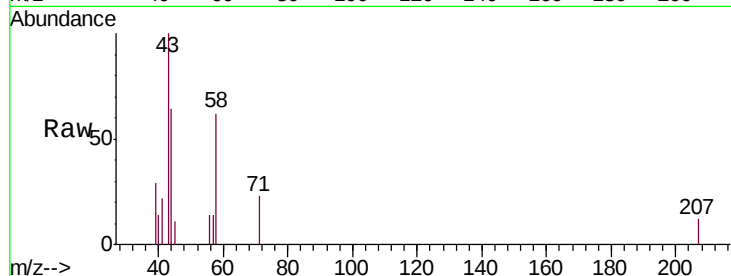
Acq: 29 Aug 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	43	Resp:	1721
Ion	Ratio	Lower	Upper
43	100		
70	0.0	27.8	41.6#
55	0.0	17.0	25.4#
61	0.0	17.0	25.6#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

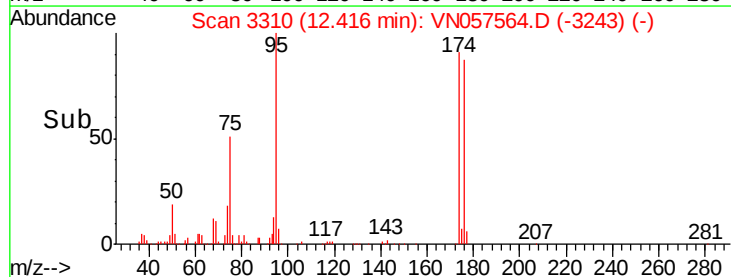
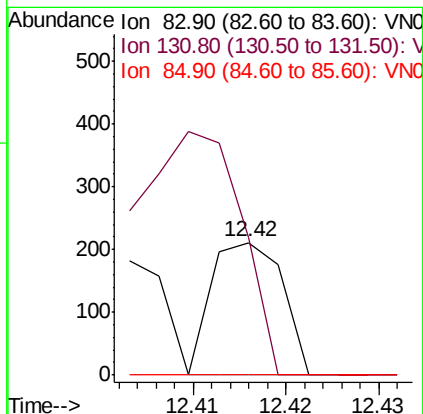
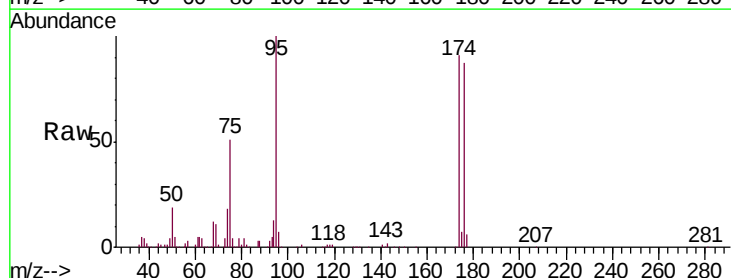
RT: 12.42 min Scan# 3310

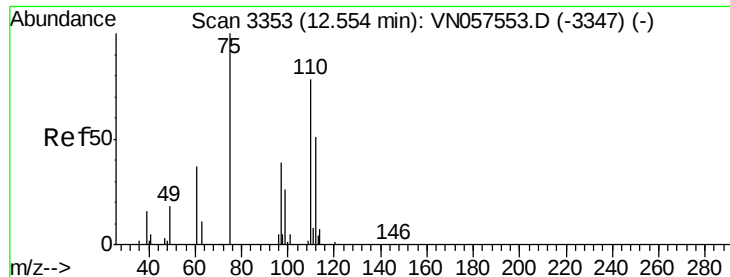
Delta R.T. -0.09 min

Lab File: VN057564.D

Acq: 29 Aug 2019 21:43

Tgt Ion:	83	Resp:	113
Ion	Ratio	Lower	Upper
83	100		
131	303.5	4.3	13.1#
85	0.0	32.3	96.8#





#76

1,2,3-Trichloropropane

Concen: 40.717 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057564.D

Acq: 29 Aug 2019 21:43

Instrument :

MSVOA_N

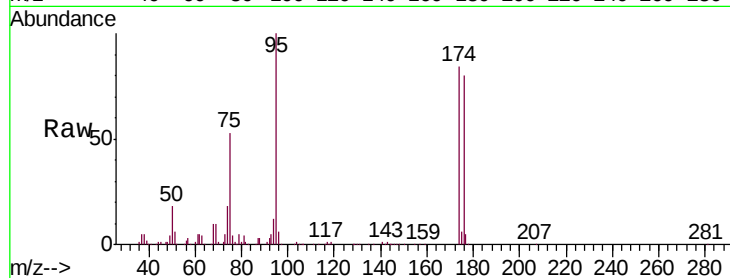
ClientSampleId :

Tot Ion: 75 Resp: 159905

Ion Ratio Lower Upper

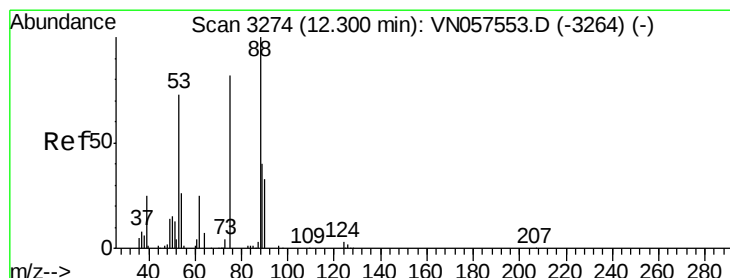
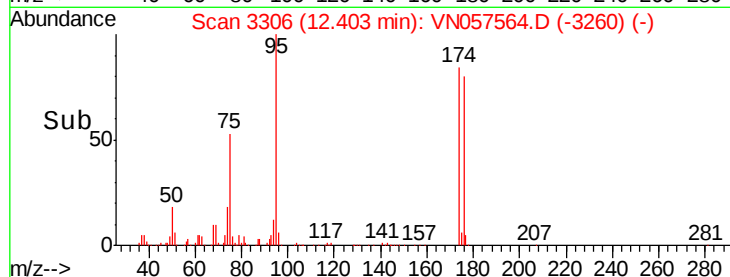
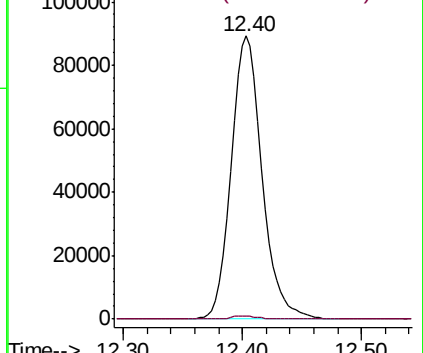
75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#81

trans-1,4-Dichloro-2-butene

Concen: 114.309 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057564.D

Acq: 29 Aug 2019 21:43

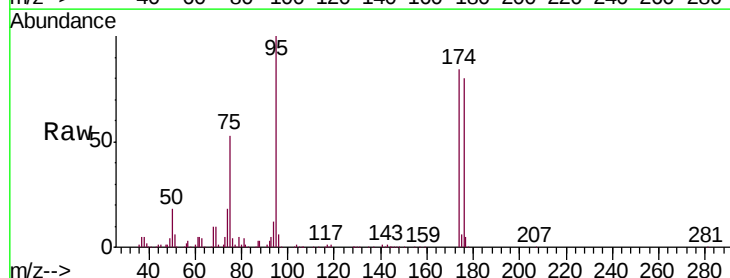
Tgt Ion: 75 Resp: 159905

Ion Ratio Lower Upper

75 100

53 0.0 82.7 124.1#

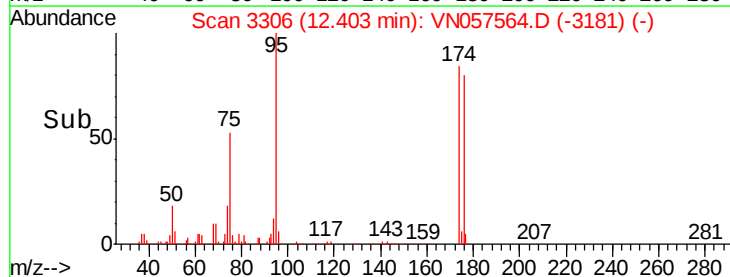
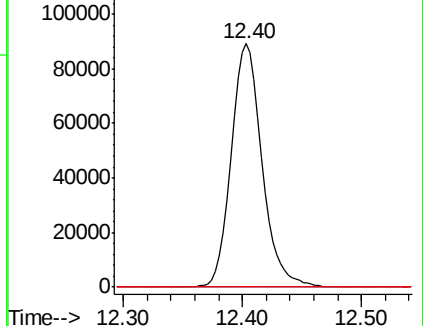
89 0.0 35.8 53.8#

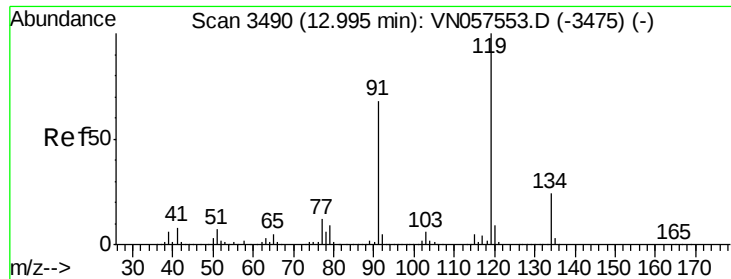


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.00 min Scan# 3492

Delta R.T. 0.01 min

Lab File: VN057564.D

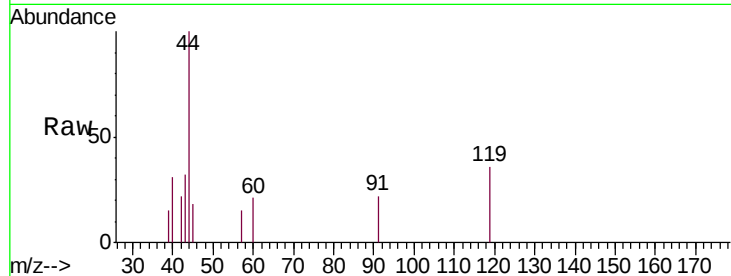
Acq: 29 Aug 2019 21:43

Instrument :

MSVOA_N

ClientSampled :

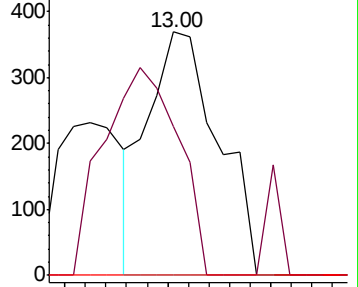
Tot Ion:	119	Resp:	350
Ion	Ratio	Lower	Upper
119	100		
91	90.9	37.0	111.0
134	0.0	12.2	36.6#



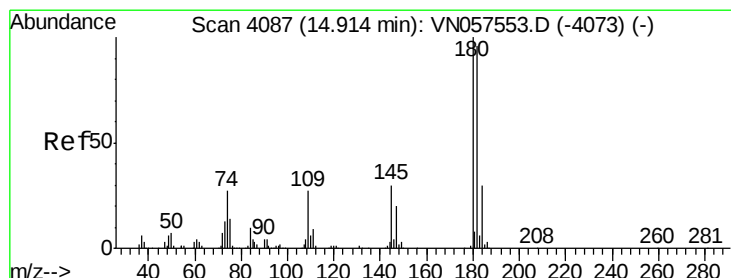
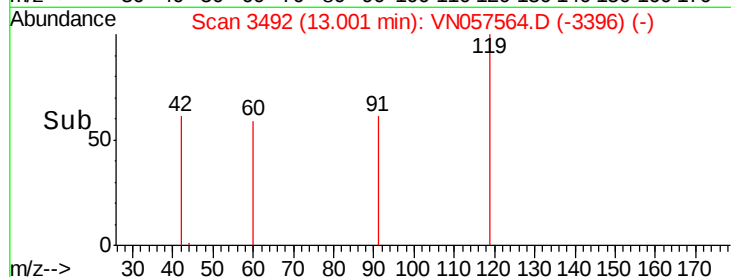
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 4.159 ug/l

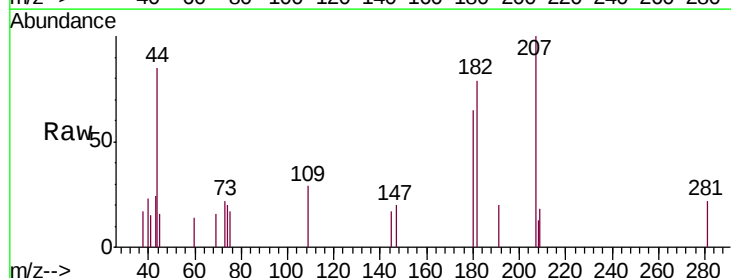
RT: 14.92 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN057564.D

Acq: 29 Aug 2019 21:43

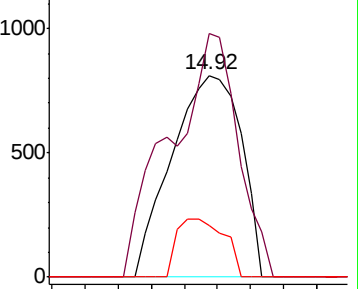
Tgt Ion:	180	Resp:	1186
Ion	Ratio	Lower	Upper
180	100		
182	118.1	46.7	140.1
145	19.6	15.6	46.8



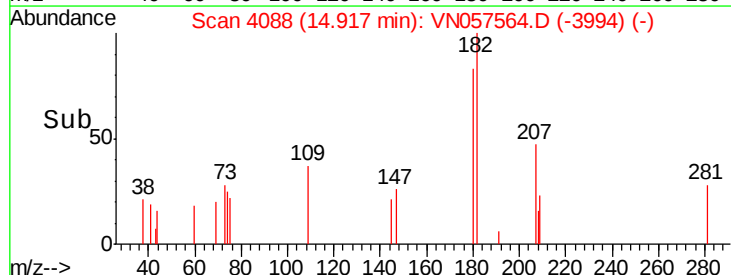
Abundance Ion 179.80 (179.50 to 180.50): V

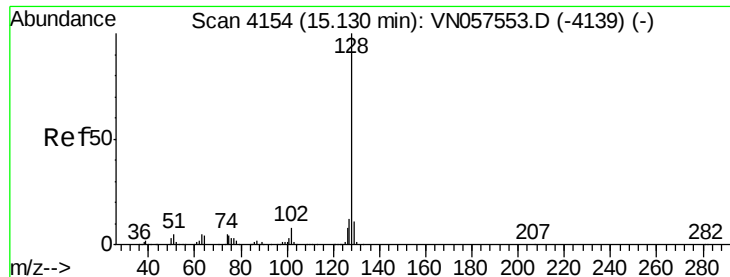
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



Time-->





#95

Naphthalene

Concen: 0.345 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN057564.D

Acq: 29 Aug 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

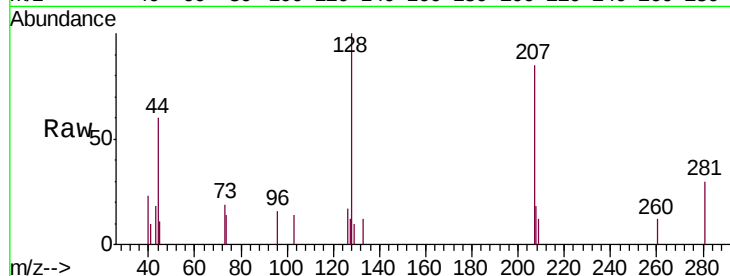
Tot Ion:128 Resp: 2398

Ion Ratio Lower Upper

128 100

127 10.1 10.5 15.7#

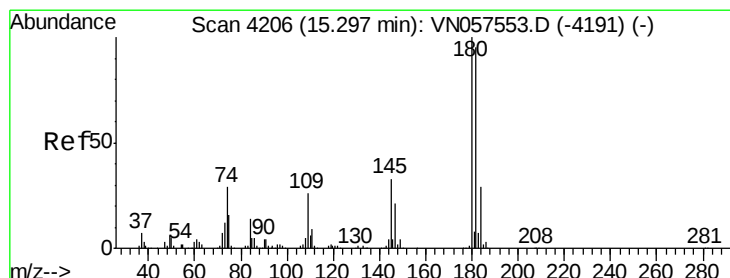
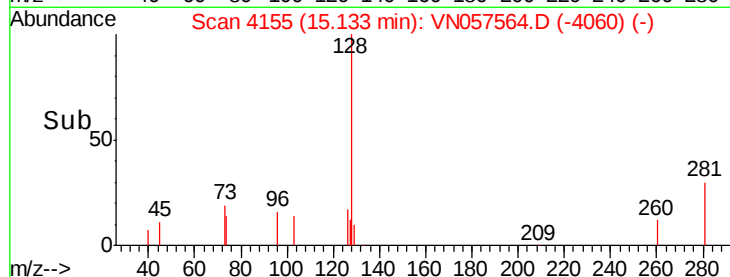
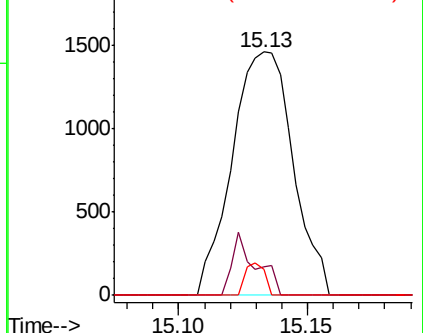
129 4.2 8.6 13.0#



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: 0.440 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. 0.01 min

Lab File: VN057564.D

Acq: 29 Aug 2019 21:43

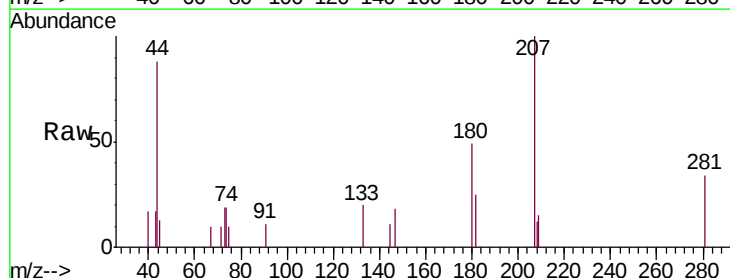
Tgt Ion:180 Resp: 1047

Ion Ratio Lower Upper

180 100

182 98.8 46.7 140.1

145 38.2 16.8 50.3



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

