

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111819\
 Data File : VN059280.D
 Acq On : 18 Nov 2019 13:54
 Operator : JC/SP
 Sample : K5669-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 19 00:43:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	424474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	651546	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	589749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	225907	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	253115	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
35) Dibromofluoromethane	7.57	113	199350	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
50) Toluene-d8	10.08	98	804865	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.40	95	263401	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.76	59	726	0.730	ug/l #	72
14) Allyl chloride	4.53	41	10676	1.313	ug/l #	28
16) Acetone	3.79	43	28749	10.595	ug/l	96
18) Methyl Acetate	4.31	43	5168	0.802	ug/l #	85
20) Methylene Chloride	4.53	84	290767	61.510	ug/l	99
25) 2-Butanone	6.82	43	7011	1.961	ug/l	95
29) Tetrahydrofuran	7.19	42	550	0.242	ug/l #	50
31) Cyclohexane	7.64	56	8016	0.987	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	31130	5.112	ug/l #	50
38) Carbon Tetrachloride	7.64	117	39455	6.509	ug/l #	17
43) Isopropyl Acetate	8.15	43	86035	7.965	ug/l #	92
45) 1,2-Dichloropropane	9.25	63	1917	0.385	ug/l #	44
48) Methyl methacrylate	9.17	41	5644	1.168	ug/l #	14
51) 4-Methyl-2-Pentanone	9.97	43	6737	1.102	ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	36316	4.715	ug/l #	63
56) Ethyl methacrylate	10.54	69	1431	2.059	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6143	0.802	ug/l #	42
59) 2-Hexanone	10.76	43	91938	19.599	ug/l #	53
68) m/p-Xylenes	11.62	106	5000	0.654	ug/l	93
69) o-Xylene	11.95	106	3308	0.448	ug/l	98
71) Bromoform	12.40	173	1597	0.476	ug/l #	1
74) N-amyl acetate	12.03	43	4339	0.623	ug/l #	45
76) 1,2,3-Trichloropropane	12.40	75	126539	24.603	ug/l #	100
78) n-propylbenzene	12.59	91	8232	0.438	ug/l	94
79) 2-Chlorotoluene	12.66	91	3215	0.275	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	14476	1.040	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	126539	64.984	ug/l #	13
83) tert-Butylbenzene	13.04	119	6068	0.505	ug/l #	76
84) 1,2,4-Trimethylbenzene	13.04	105	46546	3.455	ug/l	98
89) n-Butylbenzene	13.62	91	3242	0.268	ug/l #	83
90) Hexachloroethane	13.89	117	1325	0.478	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.92	180	614	3.183	ug/l	73
95) Naphthalene	15.13	128	19753	4.629	ug/l	97

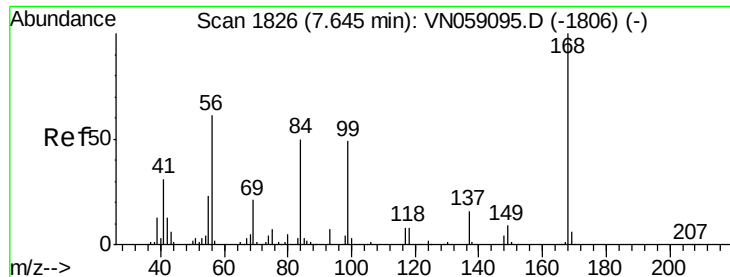
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111819\
Data File : VN059280.D
Acq On : 18 Nov 2019 13:54
Operator : JC/SP
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Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059280.D

Acq: 18 Nov 2019 13:54

Instrument :

MSVOA_N

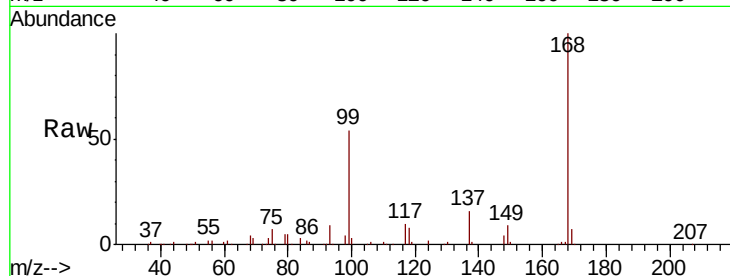
ClientSampled :

Tot Ion:168 Resp: 424474

Ion Ratio Lower Upper

168 100

99 54.4 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

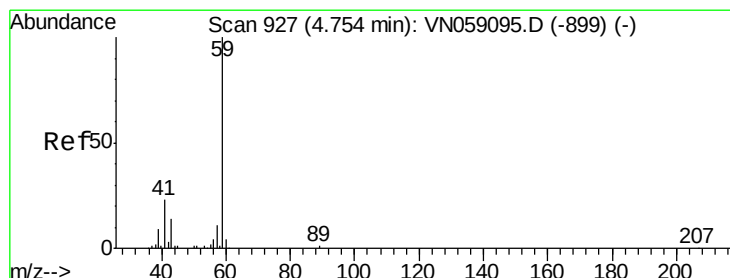
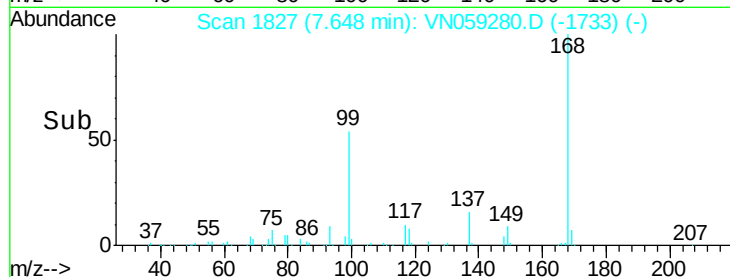
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.730 ug/l

RT: 4.76 min Scan# 929

Delta R.T. 0.01 min

Lab File: VN059280.D

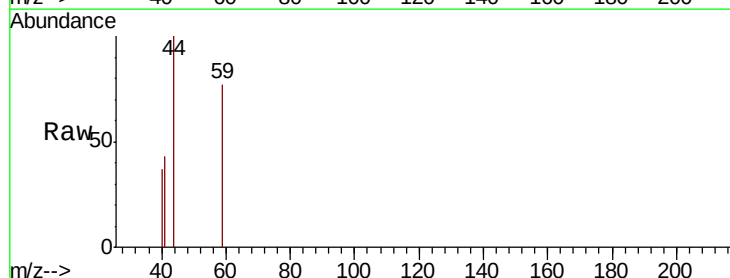
Acq: 18 Nov 2019 13:54

Tgt Ion: 59 Resp: 726

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.76

600

500

400

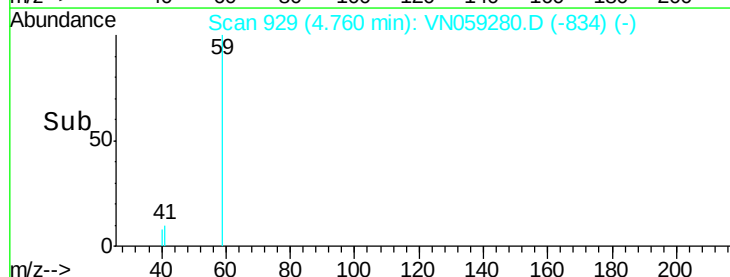
300

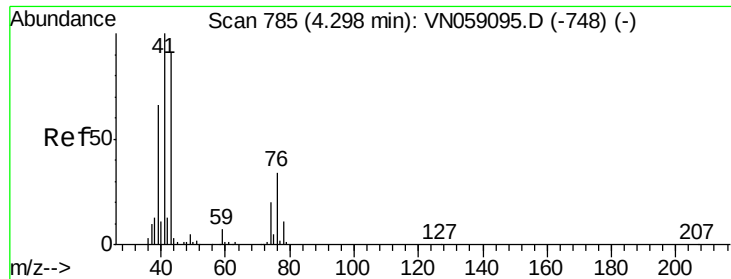
200

100

0

Time-->

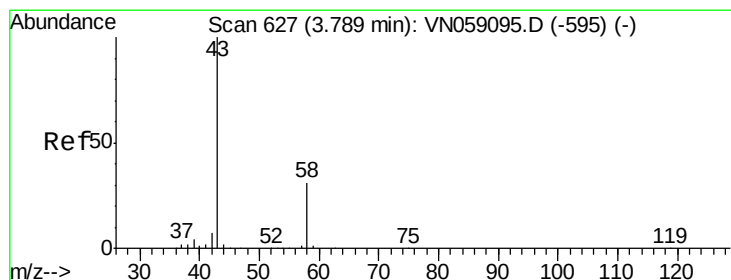
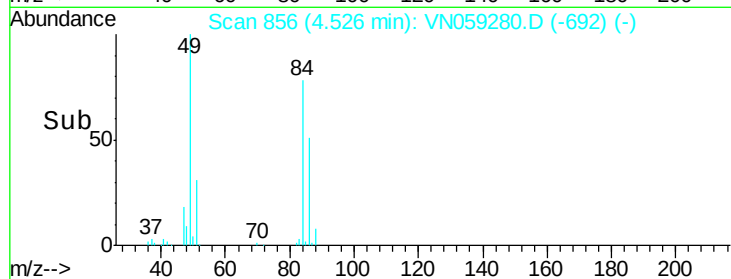
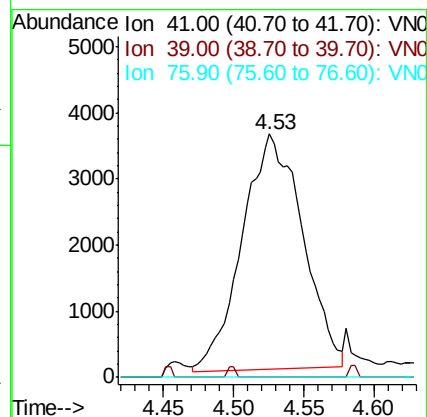
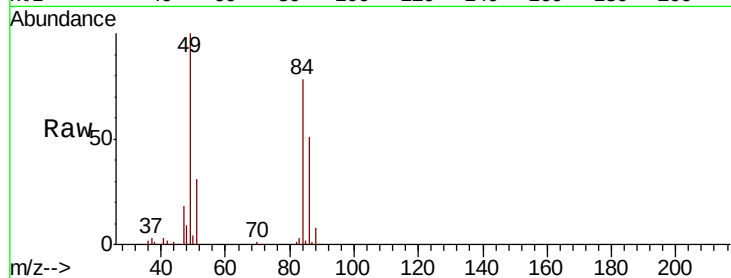




#14
Allvl chloride
Concen: 1.313 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.23 min
Lab File: VN059280.D
Acq: 18 Nov 2019 13:54

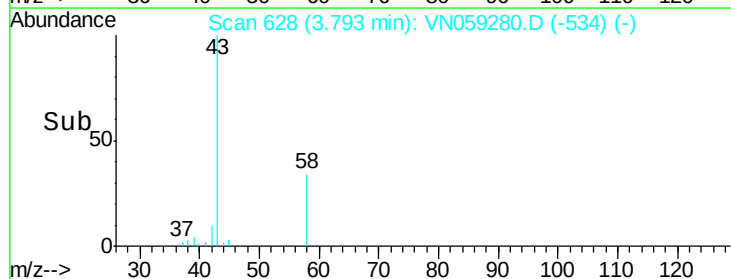
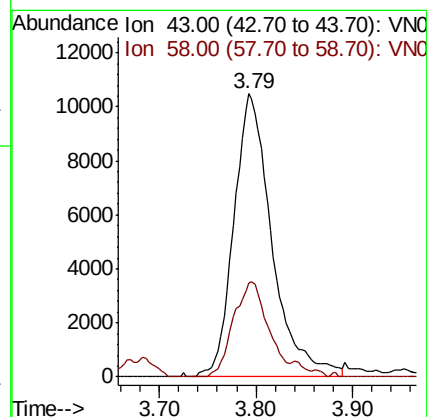
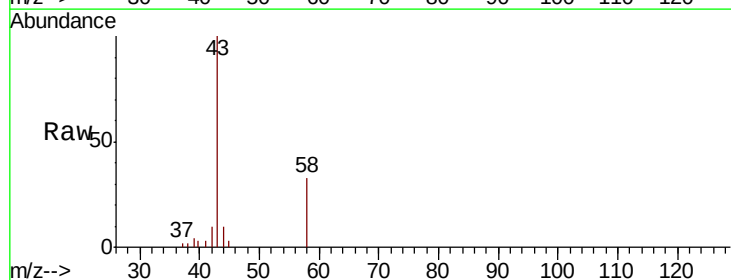
Instrument :
MSVOA_N
ClientSampleId :

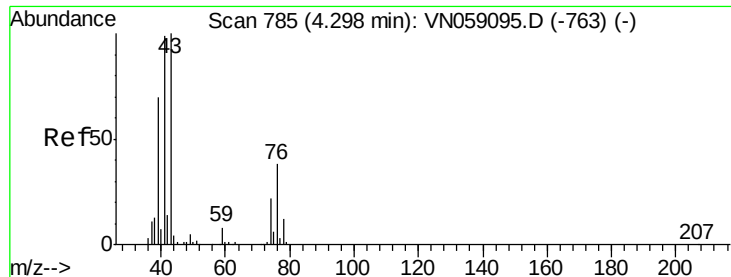
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	49.1	73.7#
76	0.0	24.9	37.3#



#16
Acetone
Concen: 10.595 ug/l
RT: 3.79 min Scan# 628
Delta R.T. 0.00 min
Lab File: VN059280.D
Acq: 18 Nov 2019 13:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.1	24.9	37.3

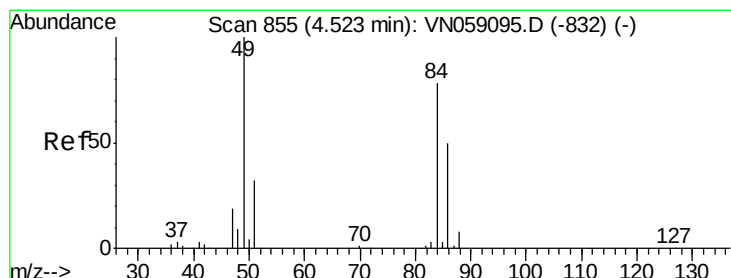
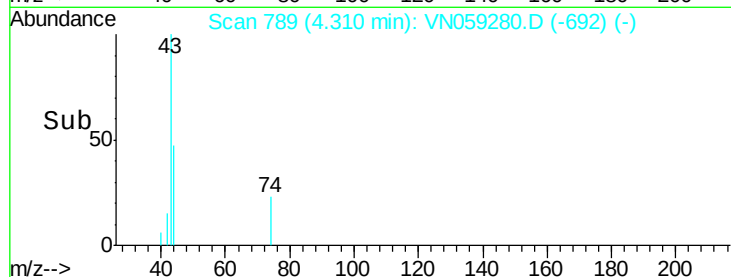
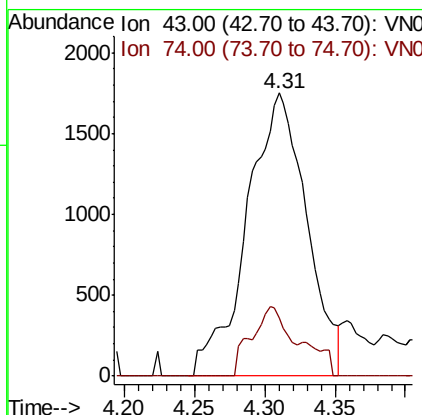
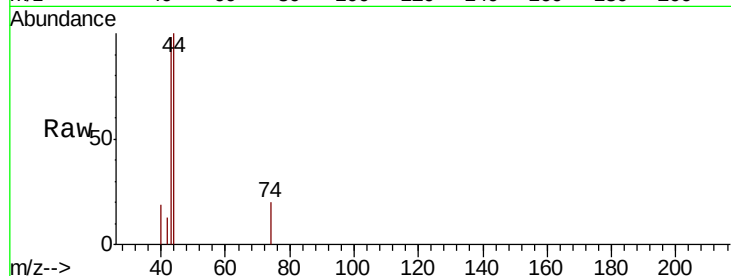




#18
Methvl Acetate
Concen: 0.802 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN059280.D
Acq: 18 Nov 2019 13:54

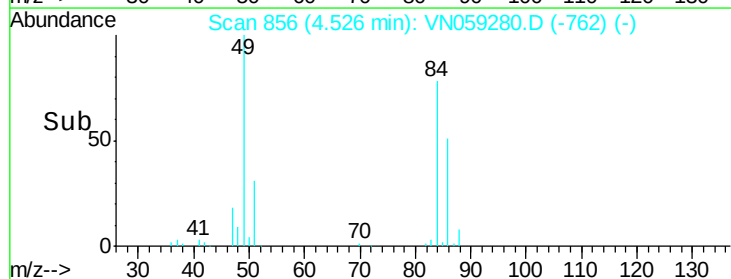
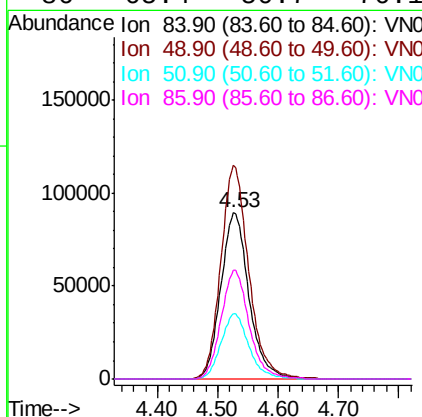
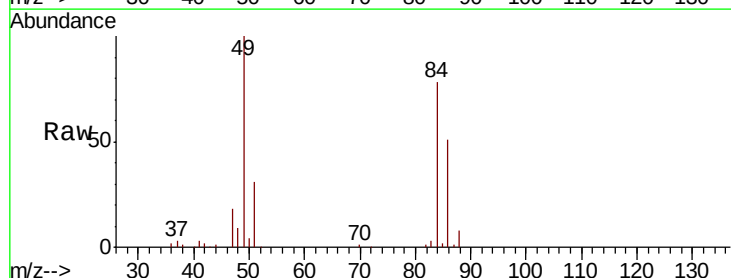
Instrument :
MSVOA_N
ClientSampled :

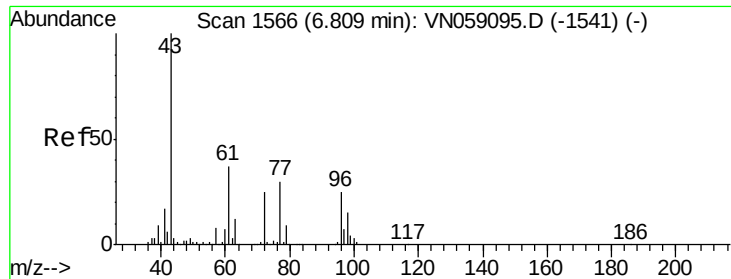
Tot Ion: 43 Resp: 5168
Ion Ratio Lower Upper
43 100
74 14.9 17.8 26.8#



#20
Methylene Chloride
Concen: 61.510 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059280.D
Acq: 18 Nov 2019 13:54

Tgt Ion: 84 Resp: 290767
Ion Ratio Lower Upper
84 100
49 128.5 102.0 153.0
51 39.5 32.2 48.2
86 65.4 50.7 76.1

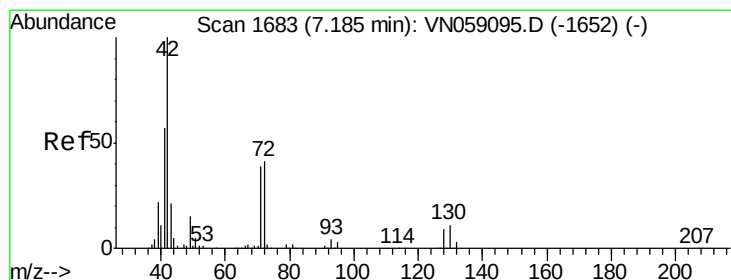
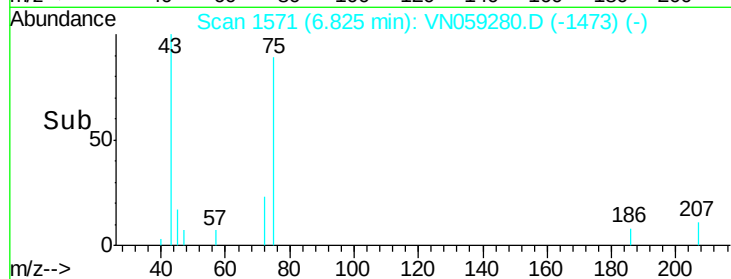
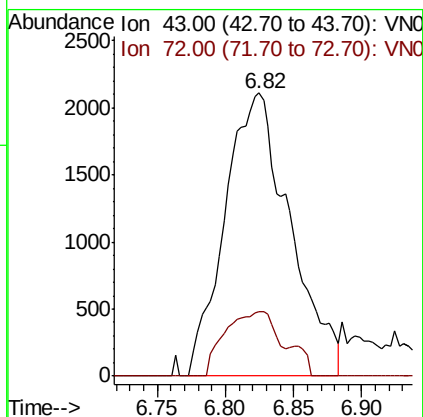
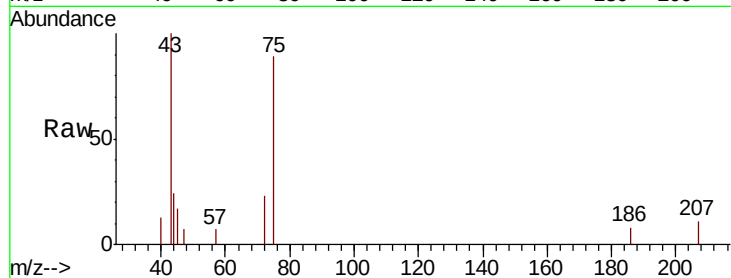




#25
2-Butanone
Concen: 1.961 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.02 min
Lab File: VN059280.D
Acq: 18 Nov 2019 13:54

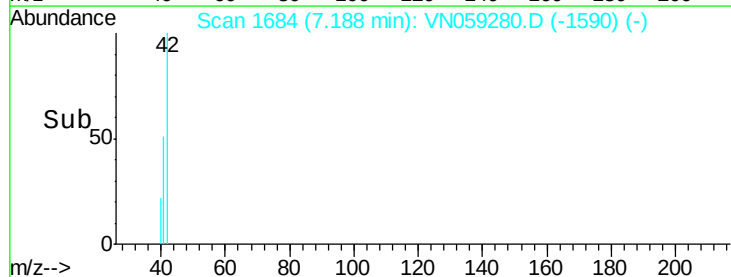
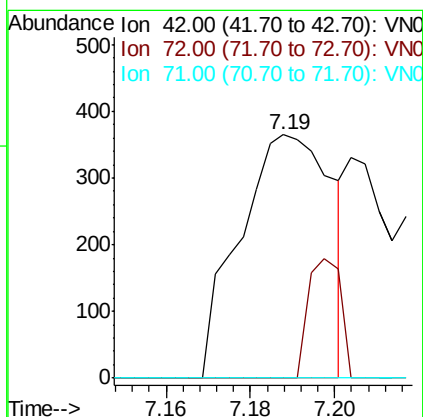
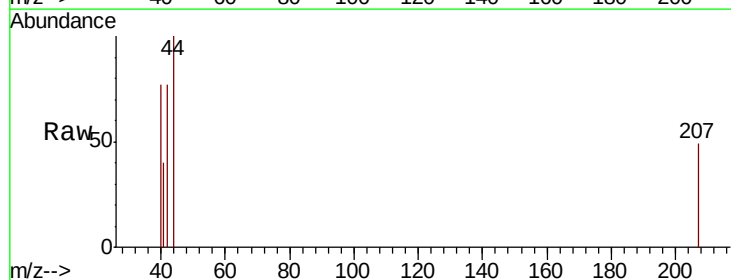
Instrument :
MSVOA_N
ClientSampled :

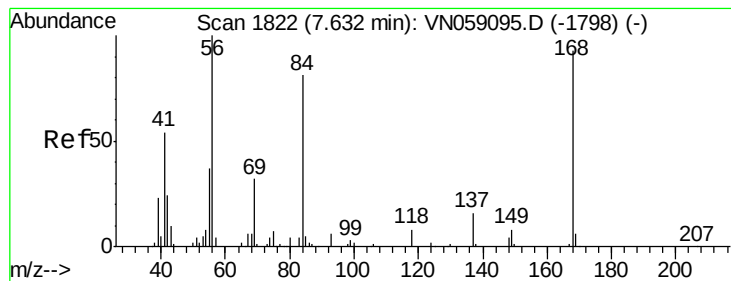
Tot Ion: 43 Resp: 7011
Ion Ratio Lower Upper
43 100
72 22.7 20.3 30.5



#29
Tetrahydrofuran
Concen: 0.242 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059280.D
Acq: 18 Nov 2019 13:54

Tgt Ion: 42 Resp: 550
Ion Ratio Lower Upper
42 100
72 17.5 33.1 49.7#
71 0.0 30.9 46.3#





#31

Cyclohexane

Concen: 0.987 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN059280.D

Acq: 18 Nov 2019 13:54

Instrument :
MSVOA_N
ClientSampled :

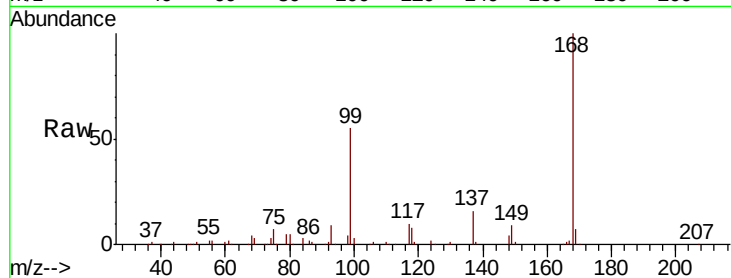
Tot Ion: 56 Resp: 8016

Ion Ratio Lower Upper

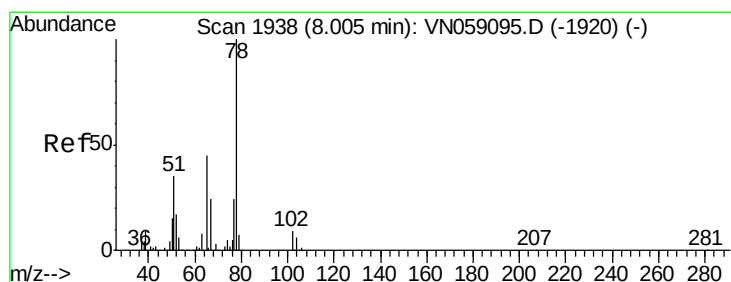
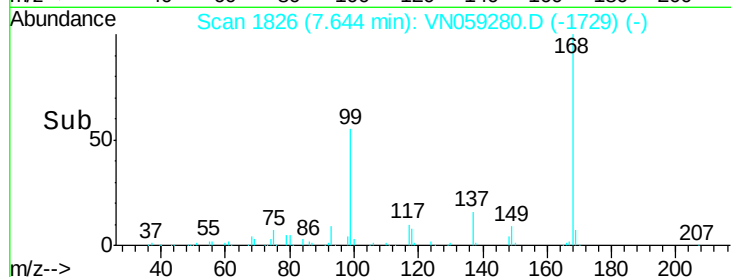
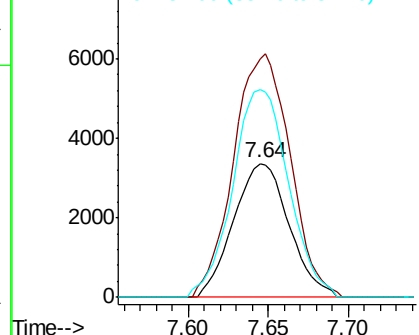
56 100

69 177.9 25.8 38.8#

84 154.7 65.0 97.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 48.509 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059280.D

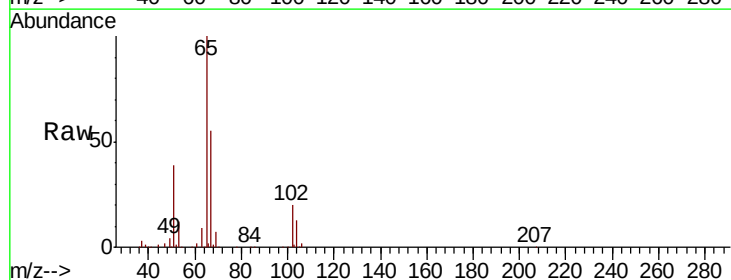
Acq: 18 Nov 2019 13:54

Tgt Ion: 65 Resp: 253115

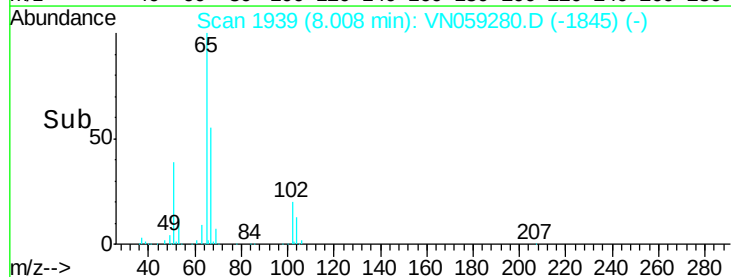
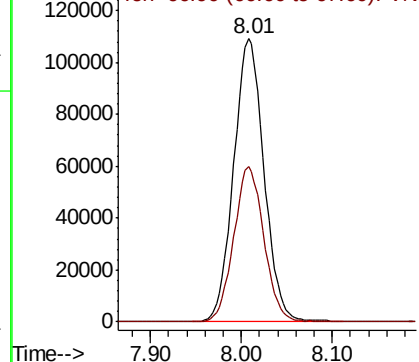
Ion Ratio Lower Upper

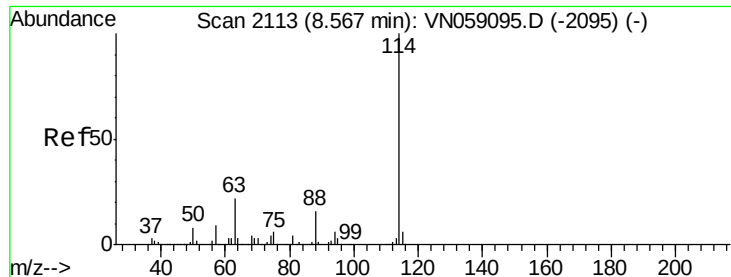
65 100

67 54.3 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

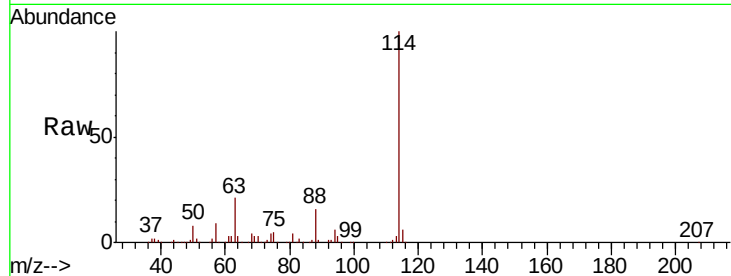




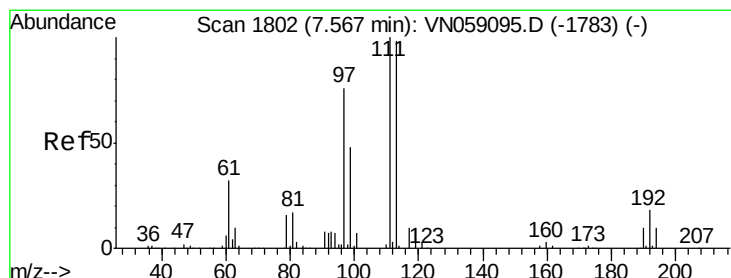
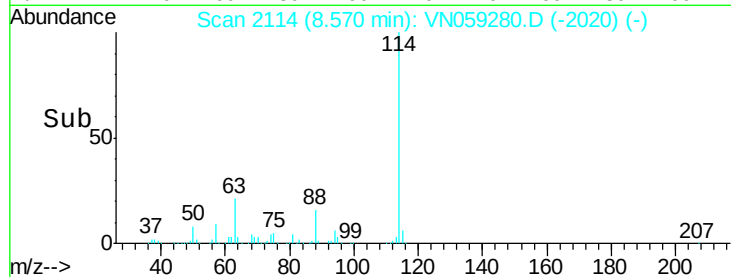
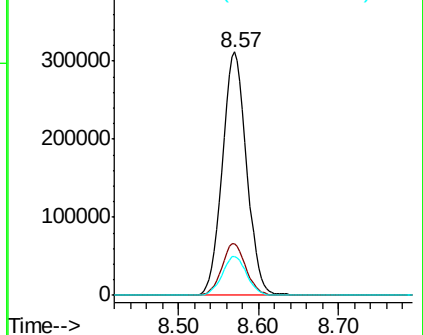
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059280.D
 Acq: 18 Nov 2019 13:54

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.4
88	16.2	0.0	32.2

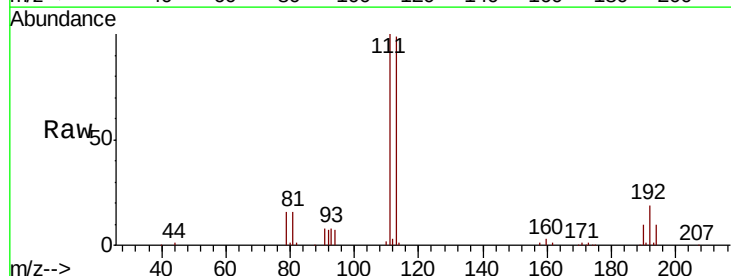


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

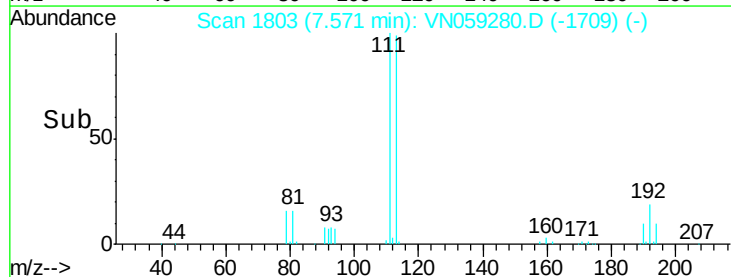
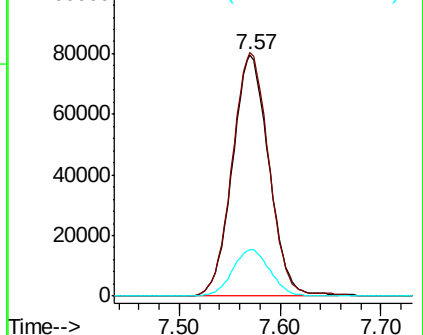


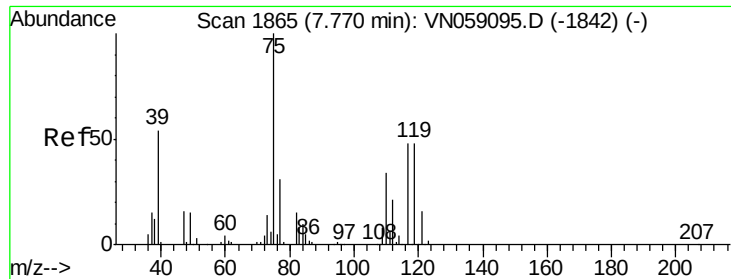
#35
 Dibromofluoromethane
 Concen: 51.242 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059280.D
 Acq: 18 Nov 2019 13:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.8	124.2
192	19.9	16.1	24.1



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

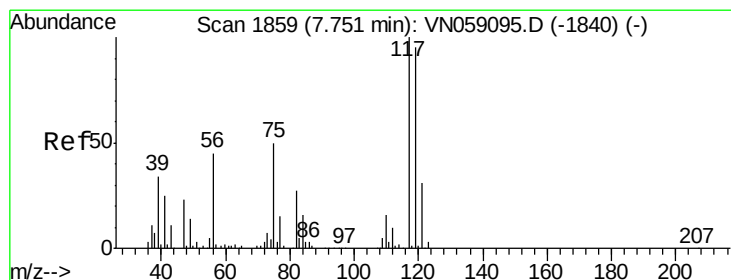
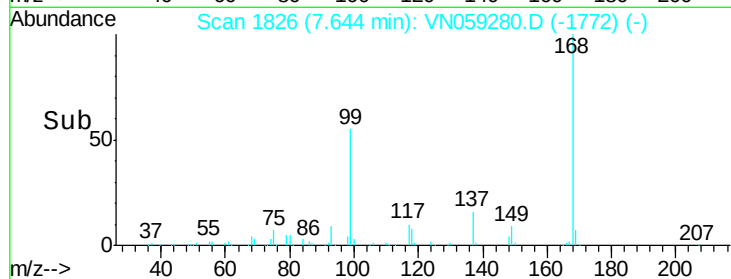
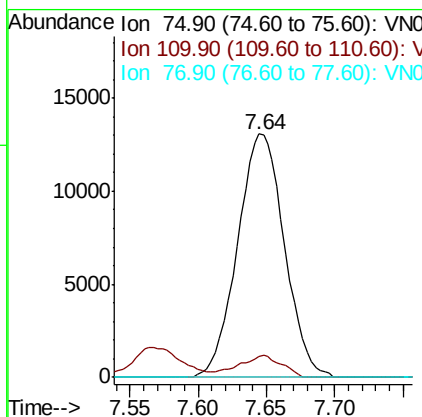
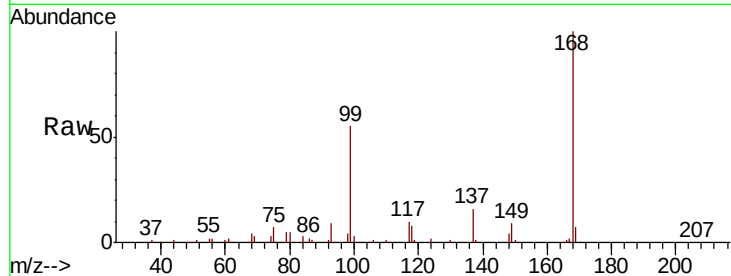




#36
 1,1-Dichloropropene
 Concen: 5.112 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059280.D
 Acq: 18 Nov 2019 13:54

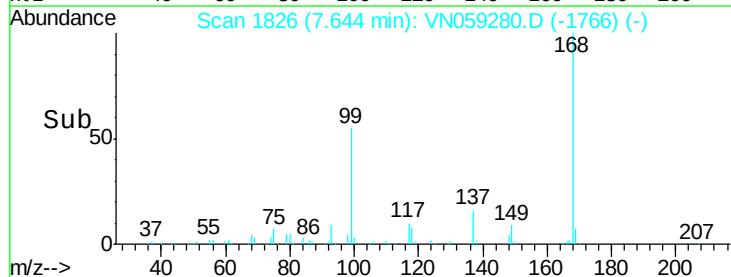
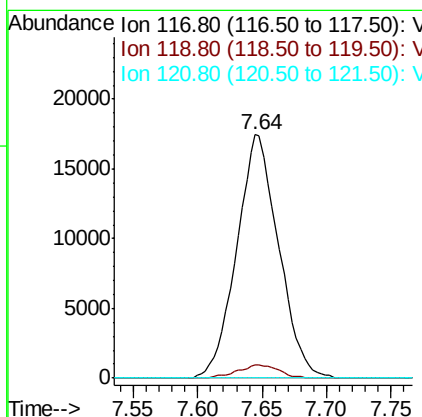
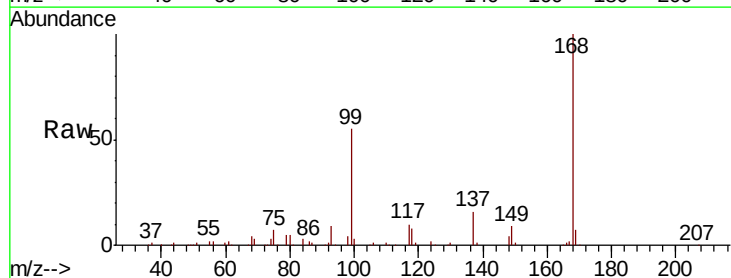
Instrument :
 MSVOA_N
 ClientSampleId :

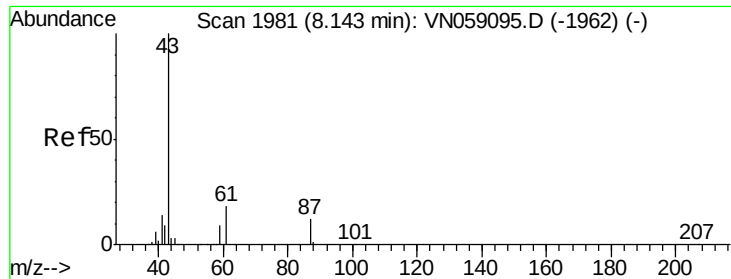
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.1	51.2#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.509 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN059280.D
 Acq: 18 Nov 2019 13:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	75.6	113.4#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 7.965 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059280.D

Acq: 18 Nov 2019 13:54

Instrument :

MSVOA_N

ClientSampled :

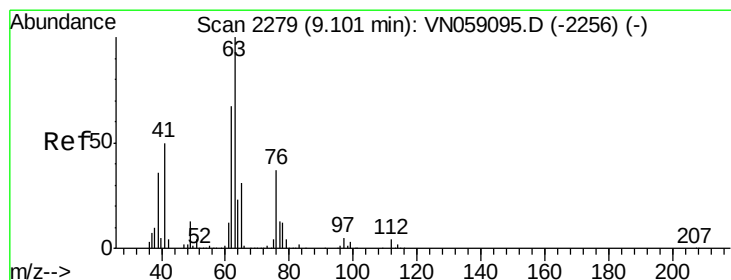
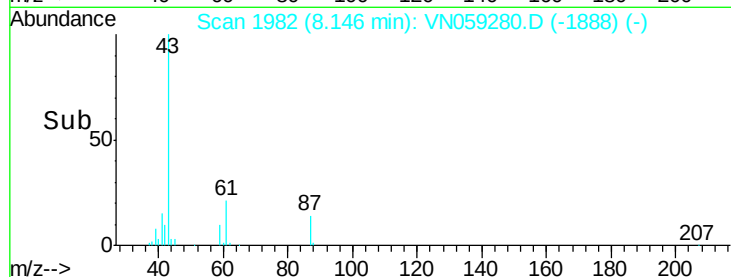
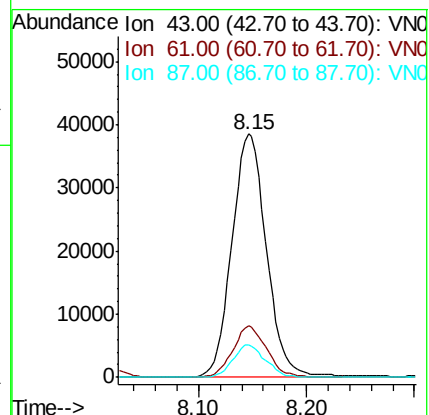
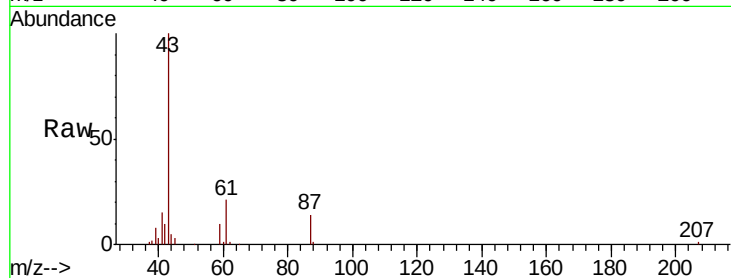
Tot Ion: 43 Resp: 86035

Ion Ratio Lower Upper

43 100

61 20.7 21.0 31.6#

87 12.5 9.8 14.6



#45

1,2-Dichloropropane

Concen: 0.385 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.15 min

Lab File: VN059280.D

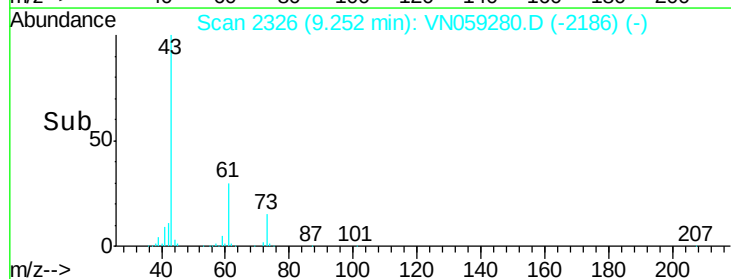
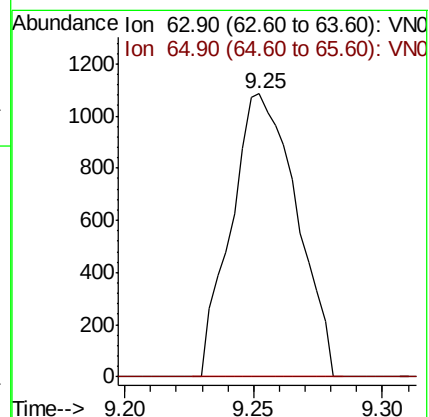
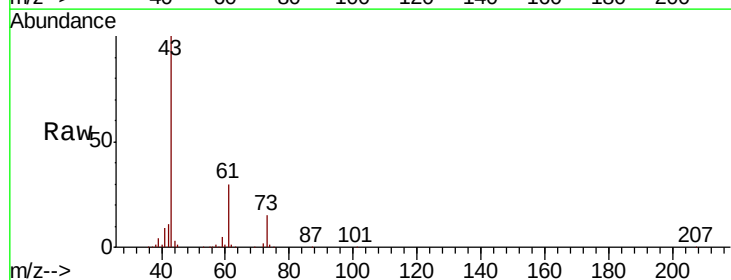
Acq: 18 Nov 2019 13:54

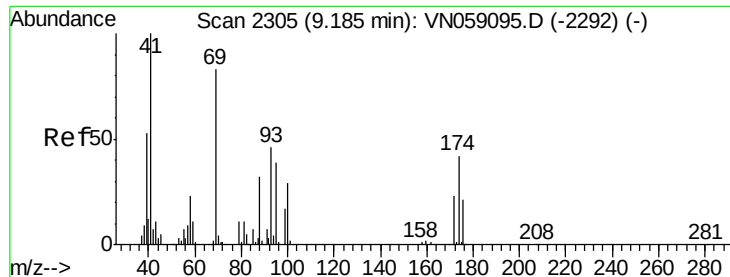
Tgt Ion: 63 Resp: 1917

Ion Ratio Lower Upper

63 100

65 0.0 24.6 37.0#

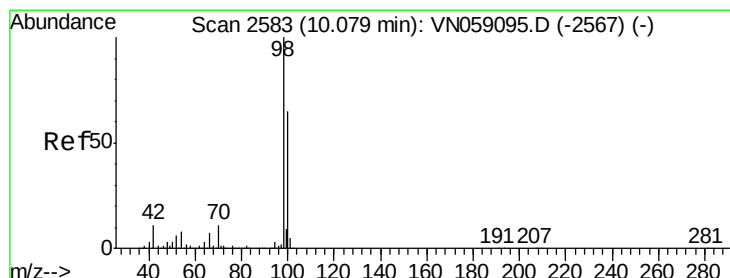
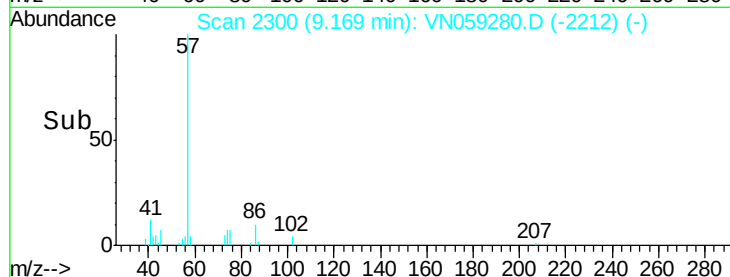
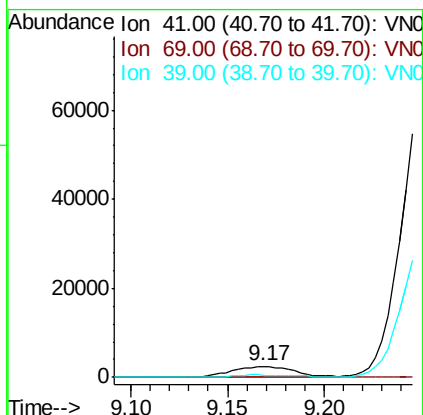
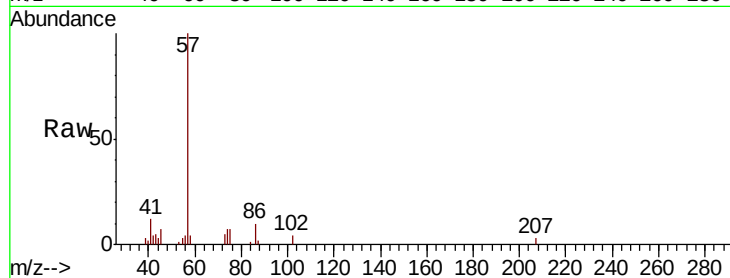




#48
Methvl methacrylate
Concen: 1.168 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.02 min
Lab File: VN059280.D
Acq: 18 Nov 2019 13:54

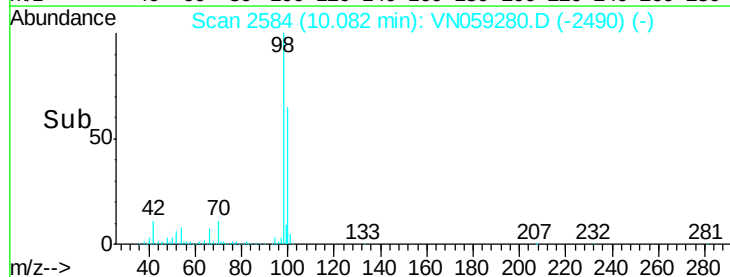
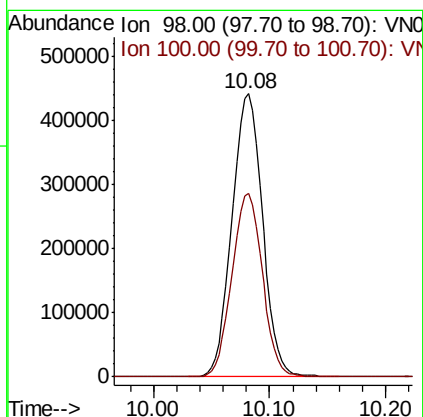
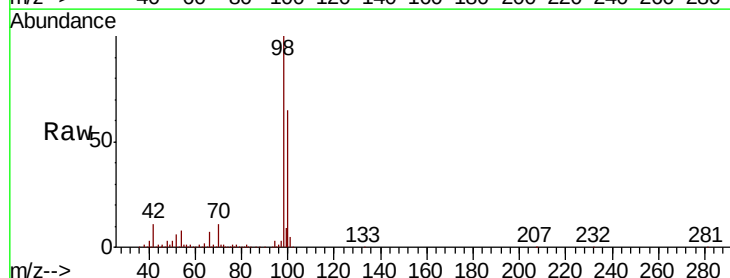
Instrument :
MSVOA_N
ClientSampleId :

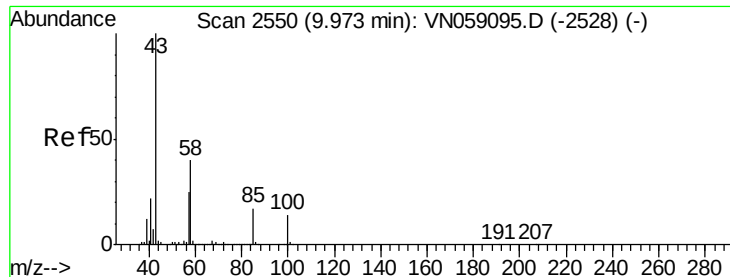
Tot Ion: 41 Resp: 5644
Ion Ratio Lower Upper
41 100
69 0.0 67.3 100.9#
39 0.0 43.3 64.9#



#50
Toluene-d8
Concen: 52.524 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059280.D
Acq: 18 Nov 2019 13:54

Tgt Ion: 98 Resp: 804865
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 1.102 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN059280.D

Acq: 18 Nov 2019 13:54

Instrument :

MSVOA_N

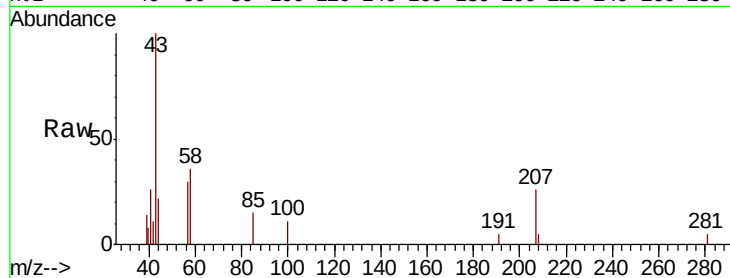
ClientSampled :

Tot Ion: 43 Resp: 6737

Ion Ratio Lower Upper

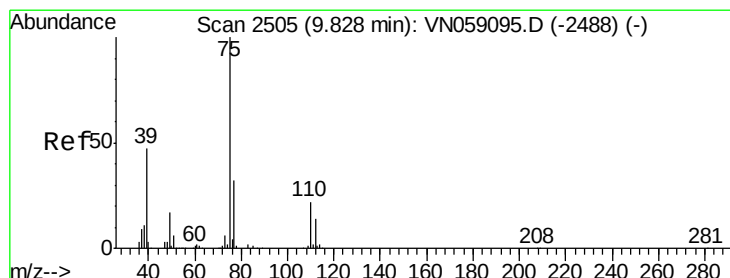
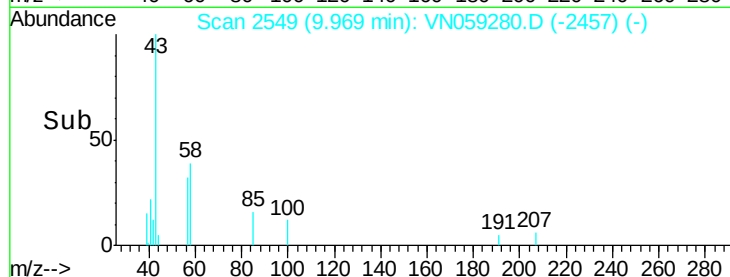
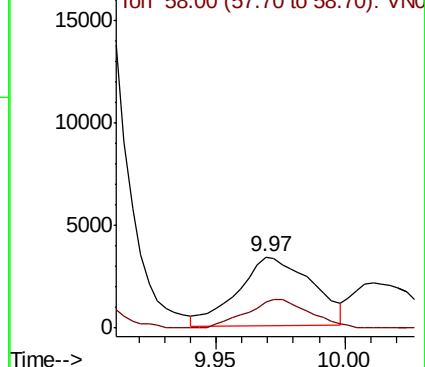
43 100

58 35.8 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 4.715 ug/l

RT: 9.90 min Scan# 2526

Delta R.T. 0.07 min

Lab File: VN059280.D

Acq: 18 Nov 2019 13:54

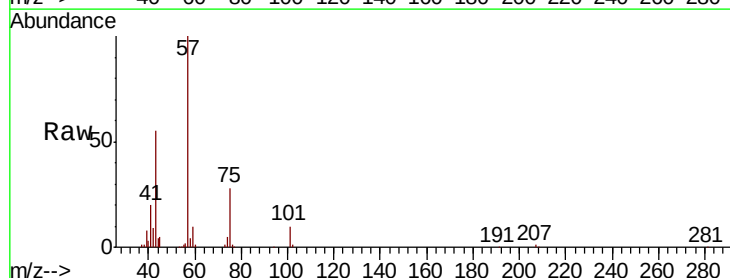
Tgt Ion: 75 Resp: 36316

Ion Ratio Lower Upper

75 100

77 0.9 25.5 38.3#

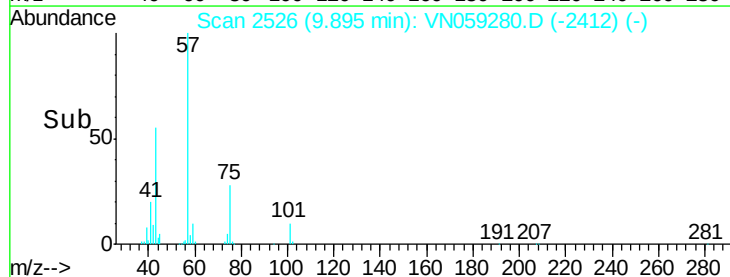
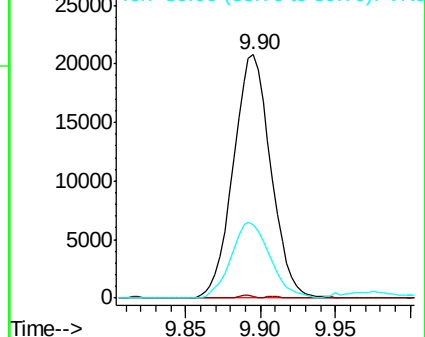
39 30.2 37.3 55.9#

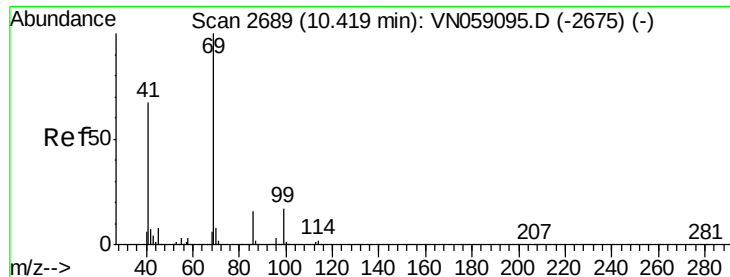


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 2.059 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.12 min

Lab File: VN059280.D

Acq: 18 Nov 2019 13:54

Instrument :

MSVOA_N

ClientSampled :

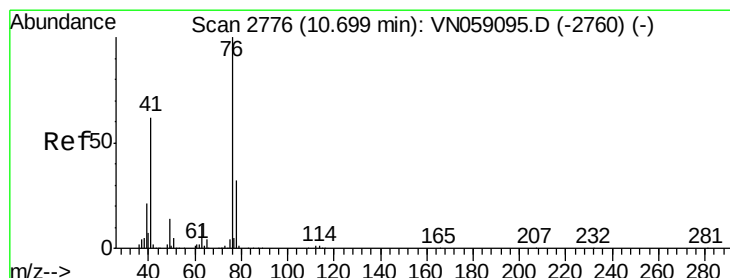
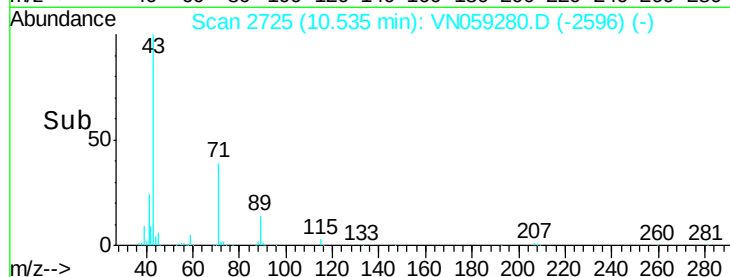
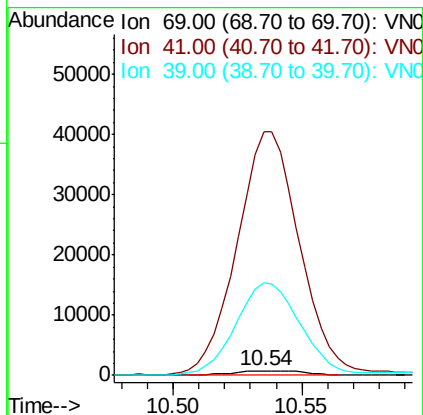
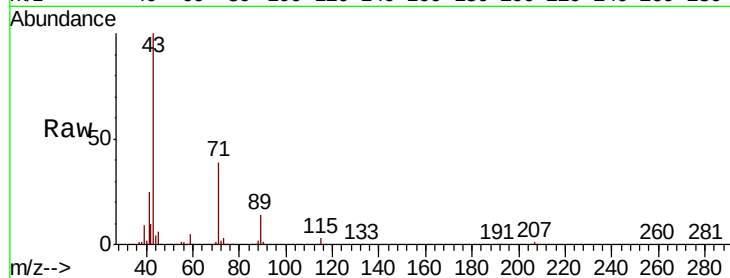
Tot Ion: 69 Resp: 1431

Ion Ratio Lower Upper

69 100

41 4851.9 53.6 80.4#

39 1918.5 26.2 39.4#



#57

1,3-Dichloropropane

Concen: 0.802 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.06 min

Lab File: VN059280.D

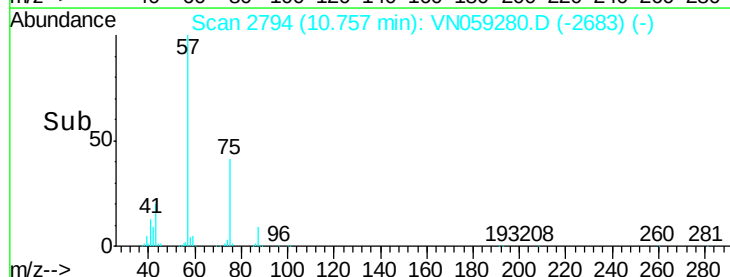
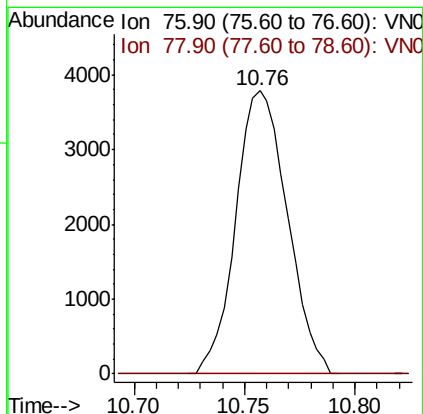
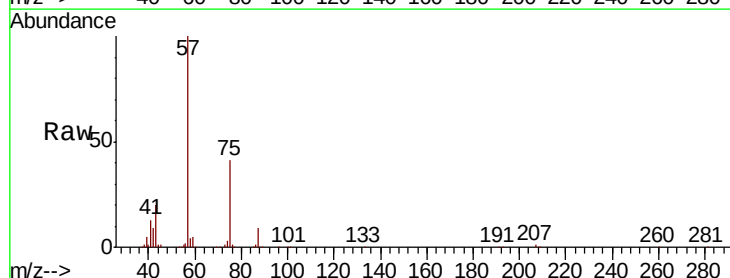
Acq: 18 Nov 2019 13:54

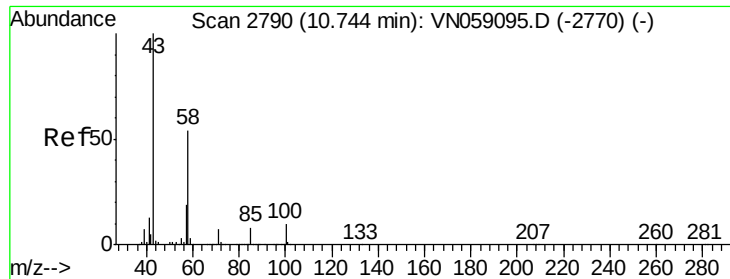
Tgt Ion: 76 Resp: 6143

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.8#

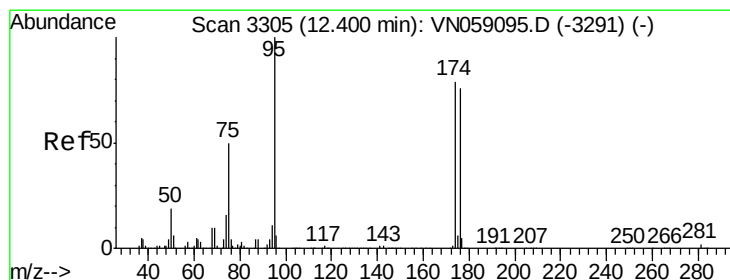
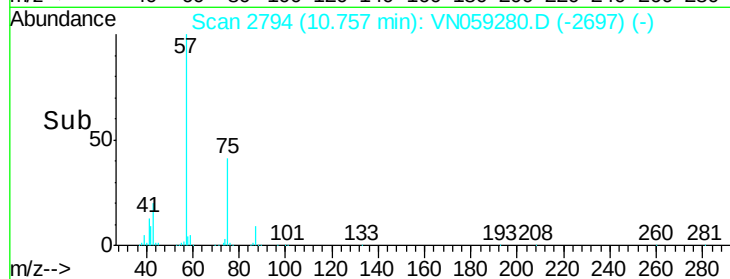
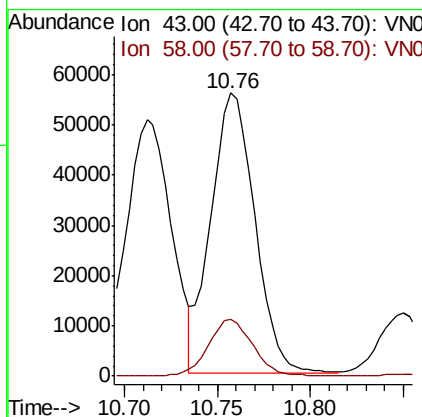
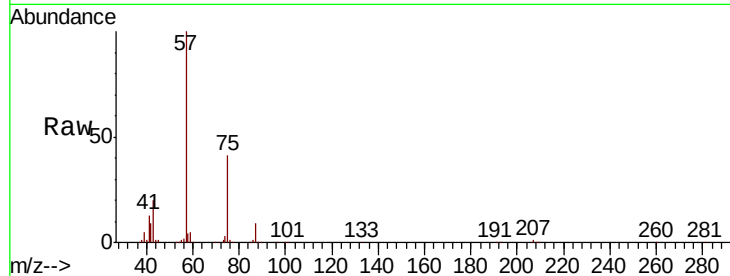




#59
2-Hexanone
Concen: 19.599 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN059280.D
Acq: 18 Nov 2019 13:54

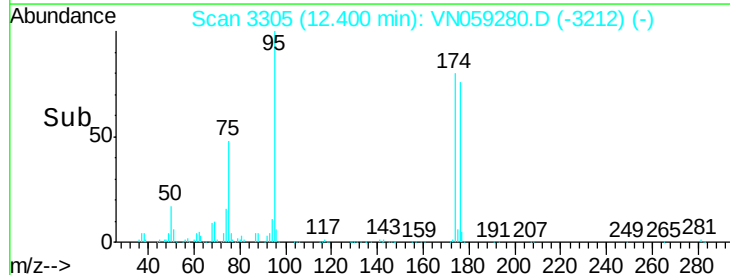
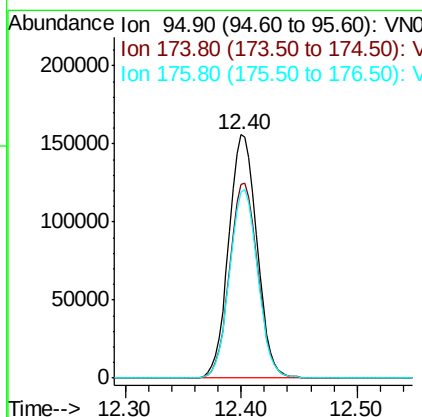
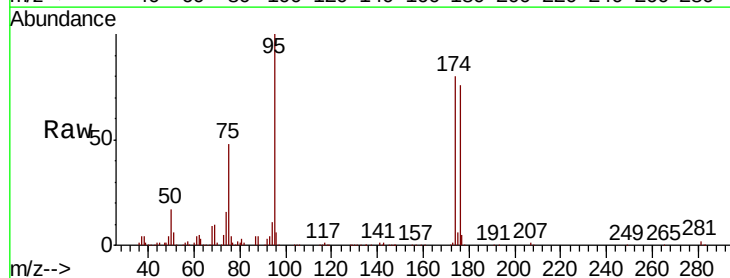
Instrument :
MSVOA_N
ClientSampled :

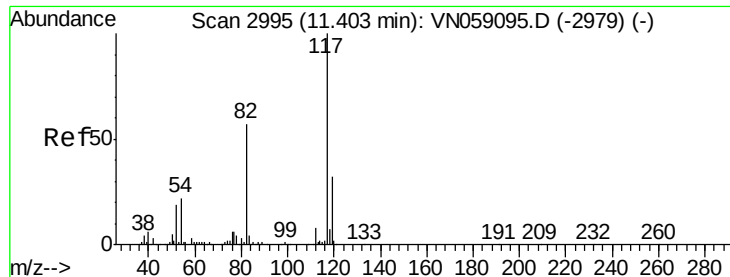
Tot Ion: 43 Resp: 91938
Ion Ratio Lower Upper
43 100
58 20.5 27.3 81.8#



#62
4-Bromofluorobenzene
Concen: 47.673 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059280.D
Acq: 18 Nov 2019 13:54

Tgt Ion: 95 Resp: 263401
Ion Ratio Lower Upper
95 100
174 80.1 0.0 158.2
176 77.0 0.0 151.8

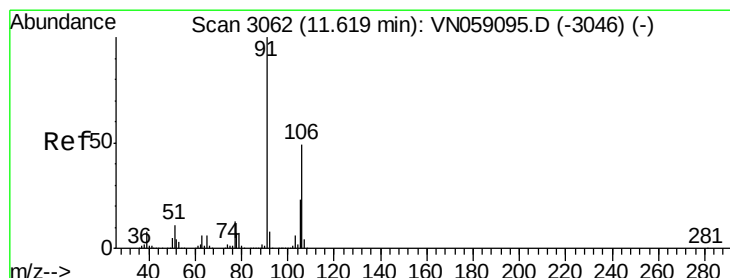
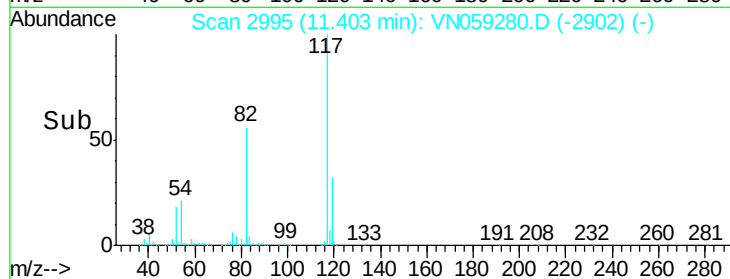
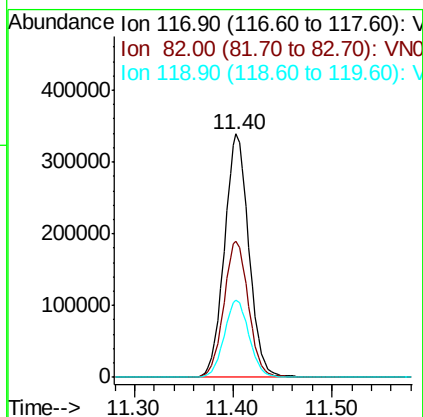
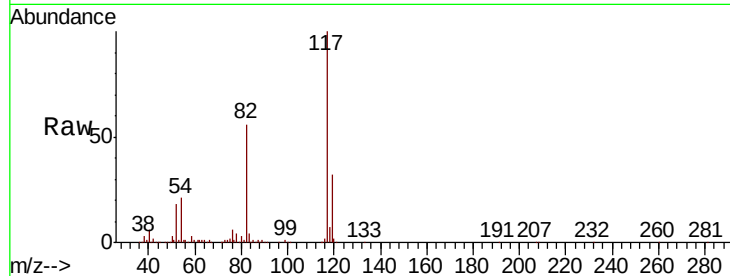




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059280.D
Acq: 18 Nov 2019 13:54

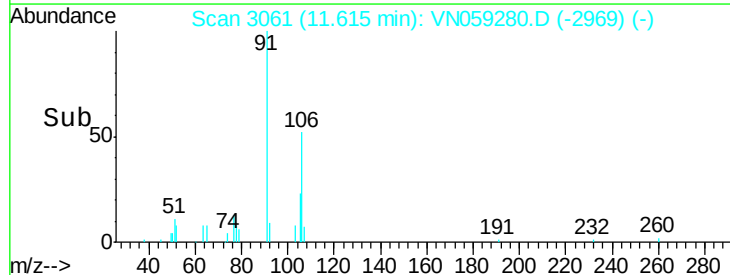
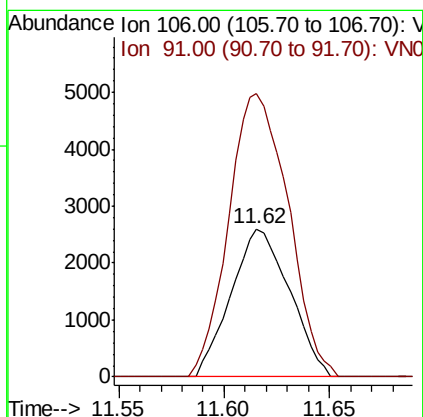
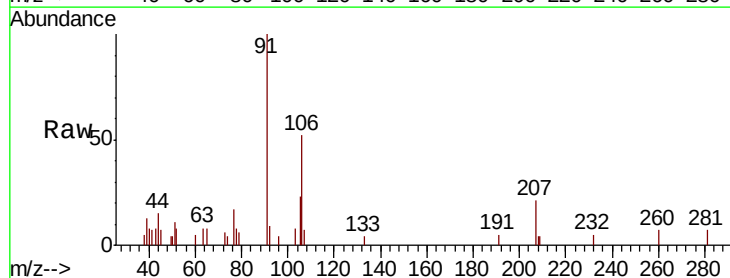
Instrument :
MSVOA_N
ClientSampled :

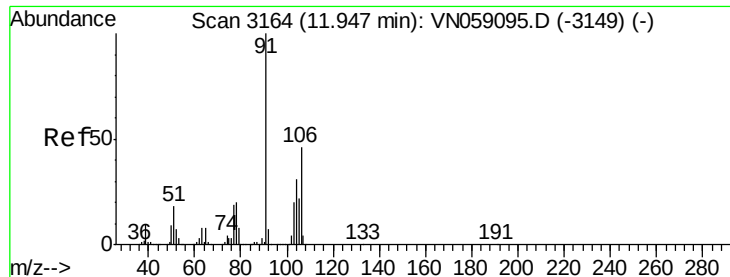
Tot Ion:117 Resp: 589749
Ion Ratio Lower Upper
117 100
82 56.1 45.8 68.8
119 31.9 25.8 38.6



#68
m/p-Xylenes
Concen: 0.654 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN059280.D
Acq: 18 Nov 2019 13:54

Tgt Ion:106 Resp: 5000
Ion Ratio Lower Upper
106 100
91 194.8 164.7 247.1

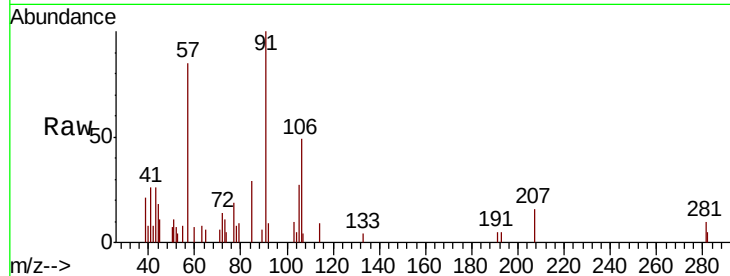




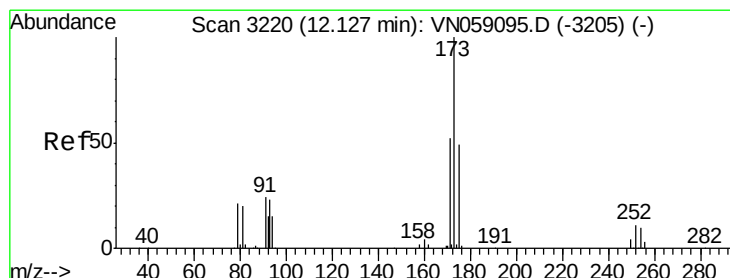
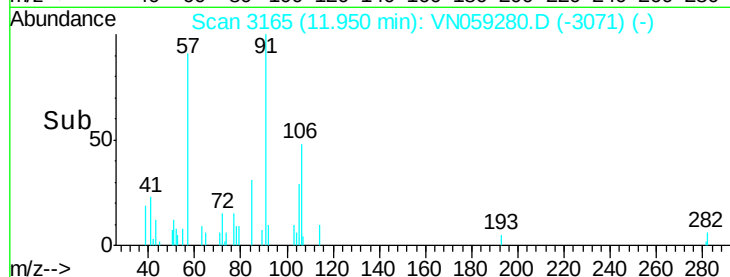
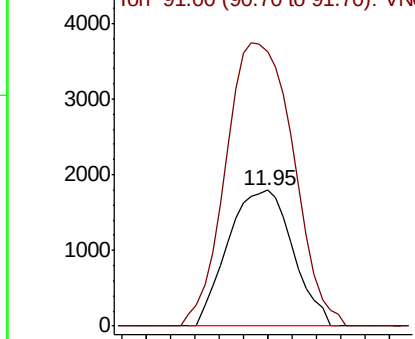
#69
o-Xylene
Concen: 0.448 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN059280.D
Acq: 18 Nov 2019 13:54

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:106 Resp: 3308
Ion Ratio Lower Upper
106 100
91 217.1 110.1 330.3

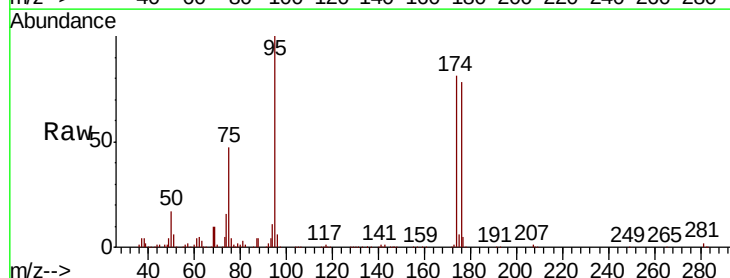


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

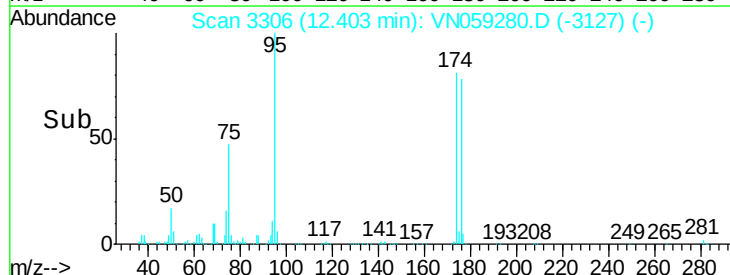
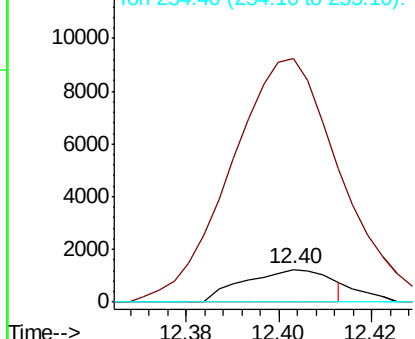


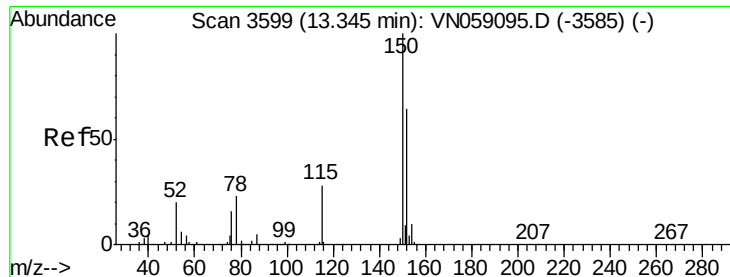
#71
Bromoform
Concen: 0.476 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN059280.D
Acq: 18 Nov 2019 13:54

Tgt Ion:173 Resp: 1597
Ion Ratio Lower Upper
173 100
175 830.6 24.2 72.6#
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



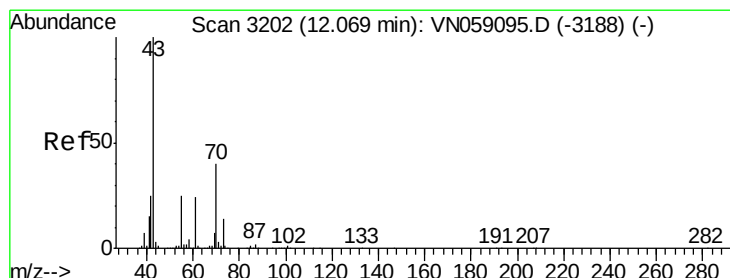
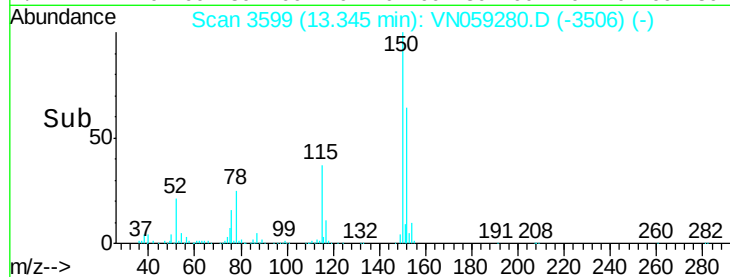
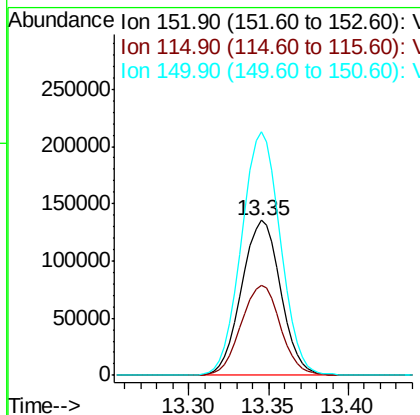
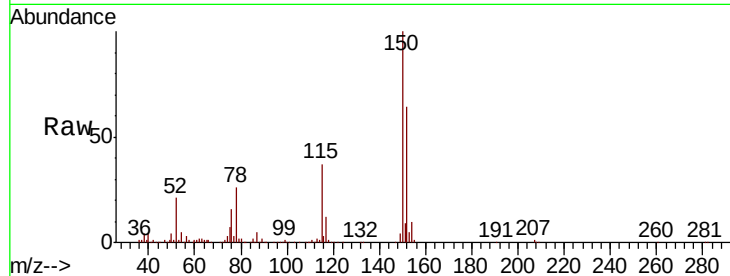


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059280.D
Acq: 18 Nov 2019 13:54

Instrument :
MSVOA_N
ClientSampled :

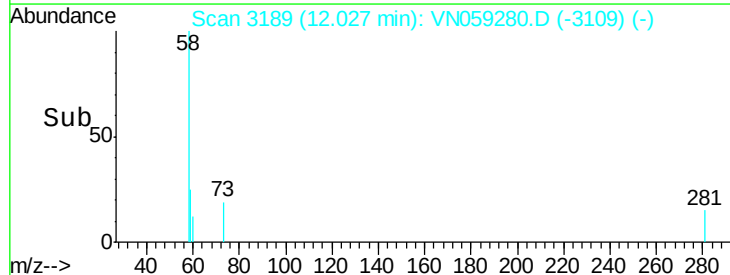
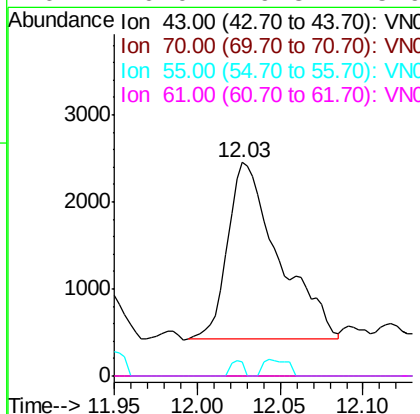
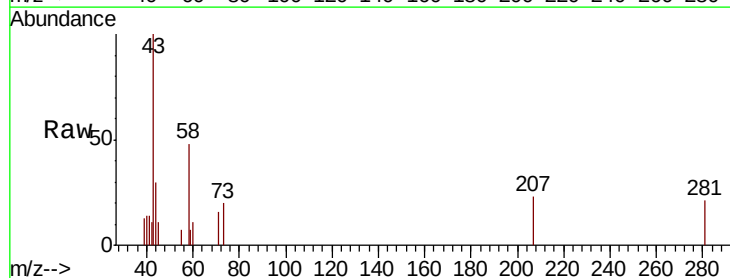
Tot Ion:152 Resp: 225907
Ion Ratio Lower Upper
152 100
115 58.9 29.4 88.2
150 156.9 0.0 345.8

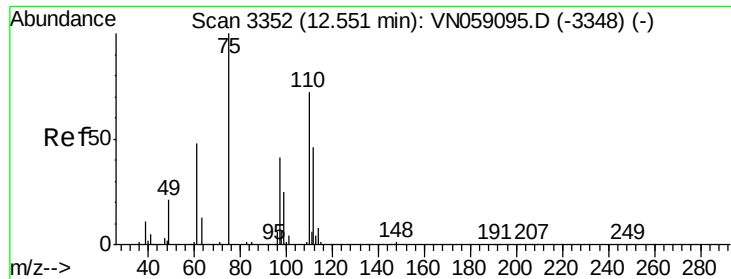


#74

N-ethyl acetate
Concen: 0.623 ug/l
RT: 12.03 min Scan# 3189
Delta R.T. -0.04 min
Lab File: VN059280.D
Acq: 18 Nov 2019 13:54

Tgt Ion: 43 Resp: 4339
Ion Ratio Lower Upper
43 100
70 0.0 32.2 48.4#
55 2.2 20.4 30.6#
61 0.0 19.3 28.9#

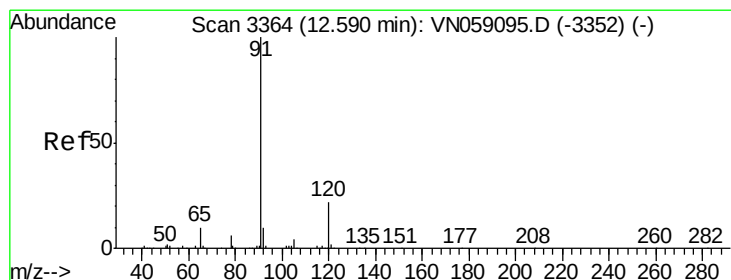
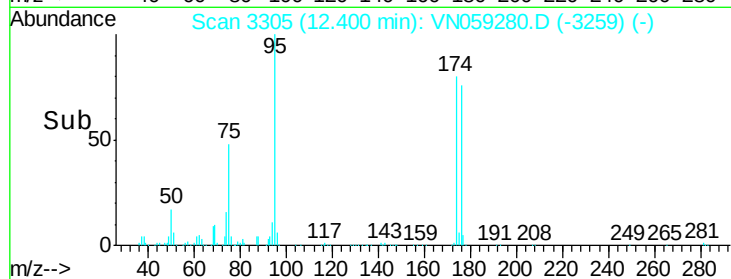
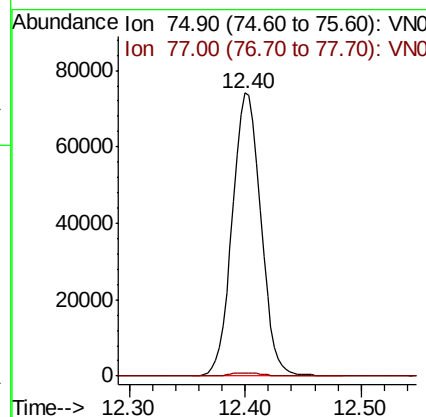
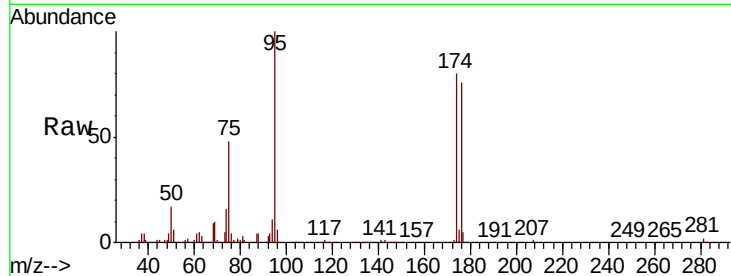




#76
 1,2,3-Trichloropropane
 Concen: 24.603 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN059280.D
 Acq: 18 Nov 2019 13:54

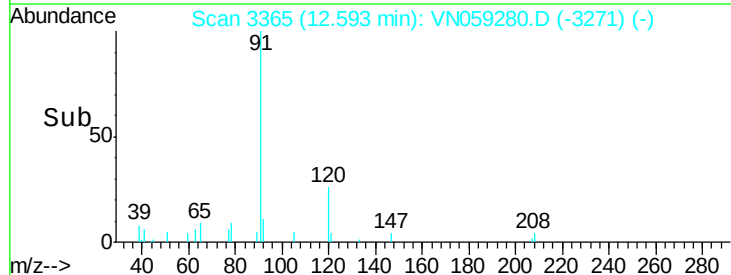
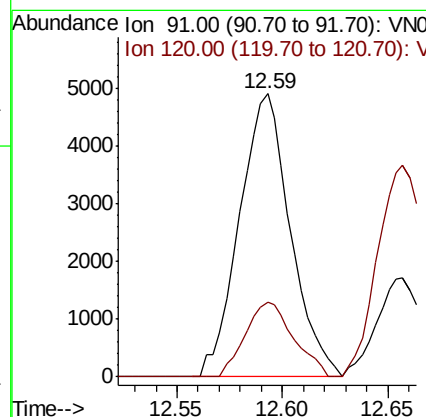
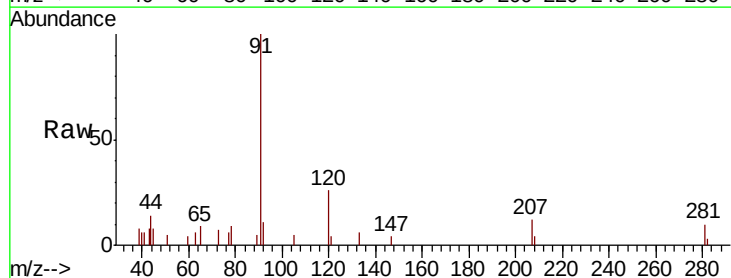
Instrument :
 MSVOA_N
 ClientSampled :

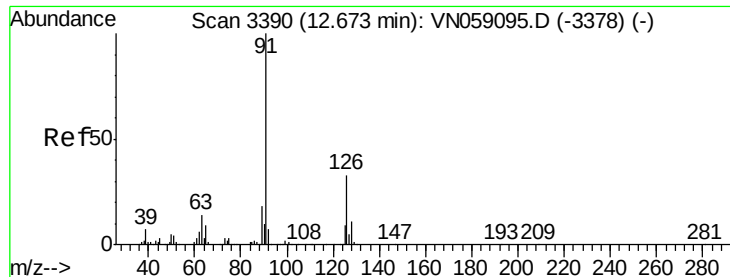
Tot Ion: 75 Resp: 126539
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#78
 n-propylbenzene
 Concen: 0.438 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. 0.00 min
 Lab File: VN059280.D
 Acq: 18 Nov 2019 13:54

Tgt Ion: 91 Resp: 8232
 Ion Ratio Lower Upper
 91 100
 120 25.0 11.2 33.5





#79

2-Chlorotoluene

Concen: 0.275 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN059280.D

Acq: 18 Nov 2019 13:54

Instrument :

MSVOA_N

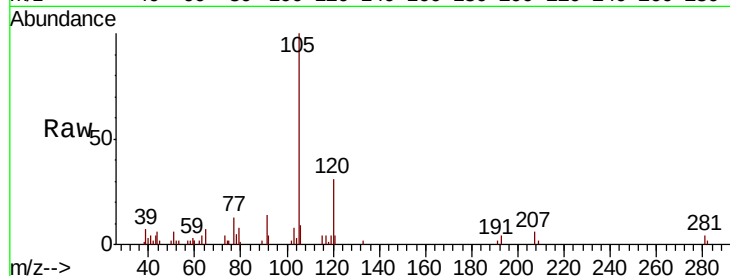
ClientSampleId :

Tot Ion: 91 Resp: 3215

Ion Ratio Lower Upper

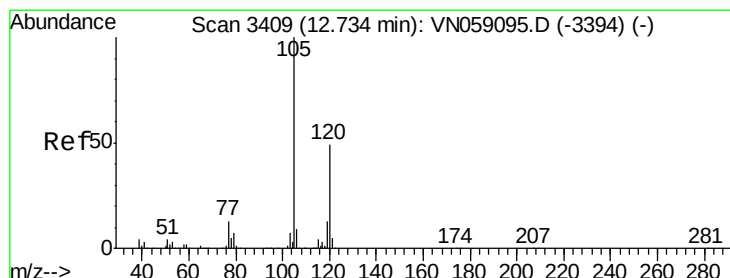
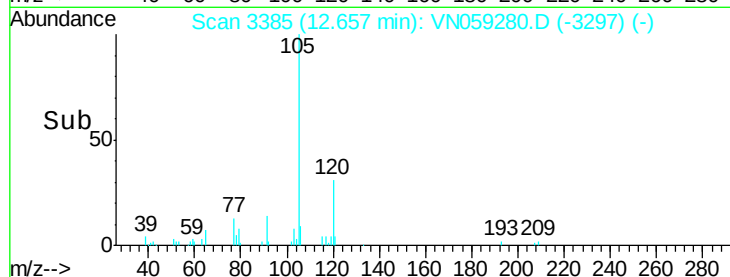
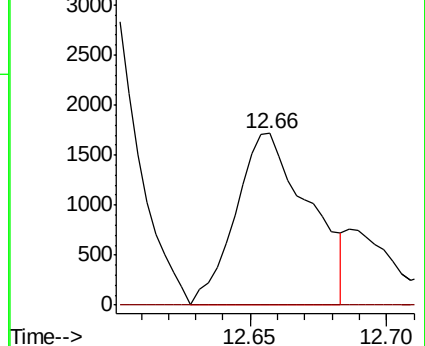
91 100

126 0.0 16.7 50.1#



Abundance Ion 91.00 (90.70 to 91.70): VN059095.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN059095.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.040 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059280.D

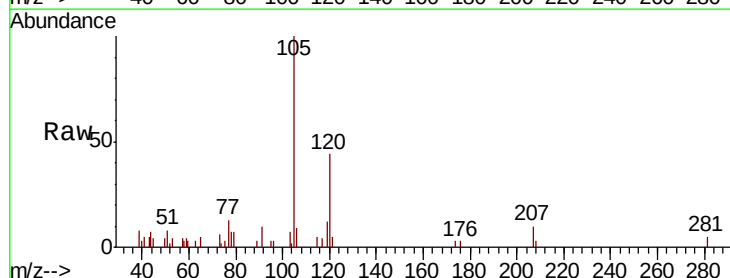
Acq: 18 Nov 2019 13:54

Tgt Ion: 105 Resp: 14476

Ion Ratio Lower Upper

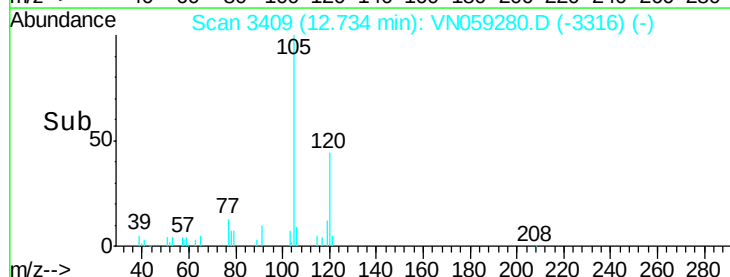
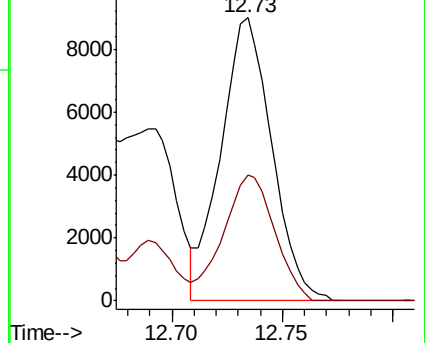
105 100

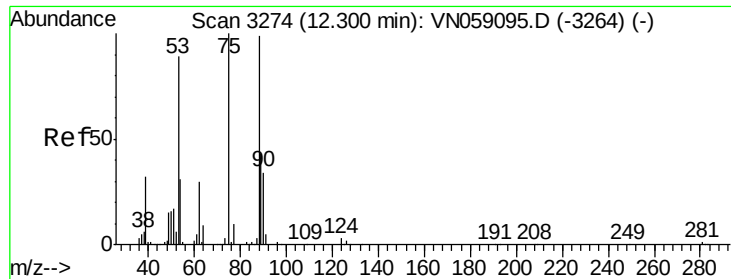
120 44.6 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): VN059095.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN059095.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 64.984 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059280.D

Acq: 18 Nov 2019 13:54

Instrument :

MSVOA_N

ClientSampled :

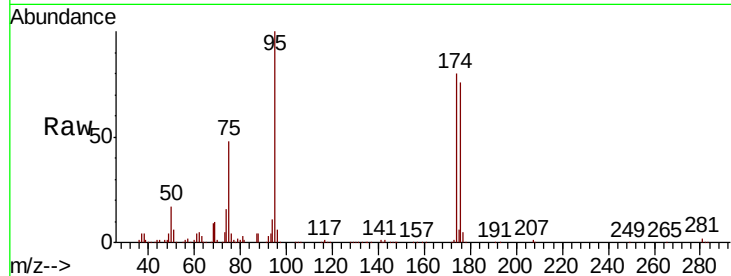
Tot Ion: 75 Resp: 126539

Ion Ratio Lower Upper

75 100

53 0.0 72.2 108.2#

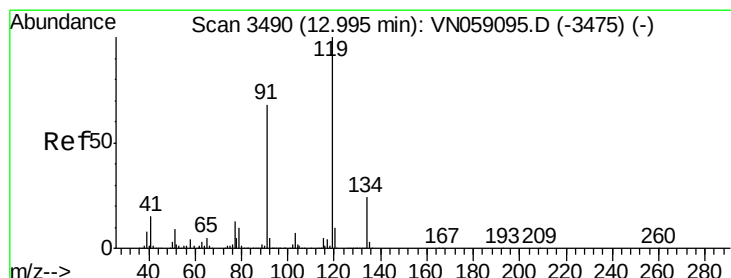
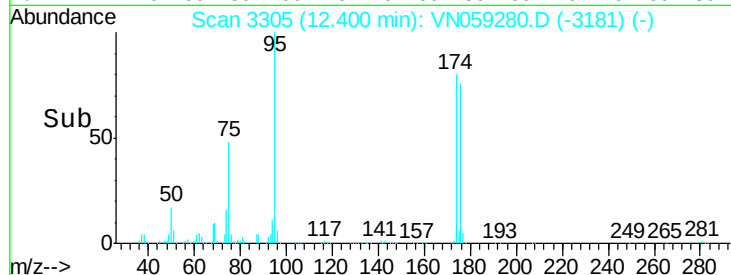
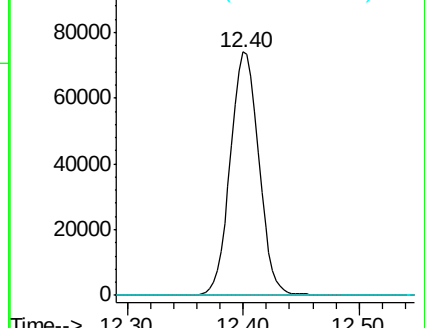
89 0.0 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VN059280.D (-3305) (-)

Ion 53.00 (52.70 to 53.70): VN059280.D (-3305) (-)

Ion 88.90 (88.60 to 89.60): VN059280.D (-3305) (-)



#83

tert-Butylbenzene

Concen: 0.505 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.04 min

Lab File: VN059280.D

Acq: 18 Nov 2019 13:54

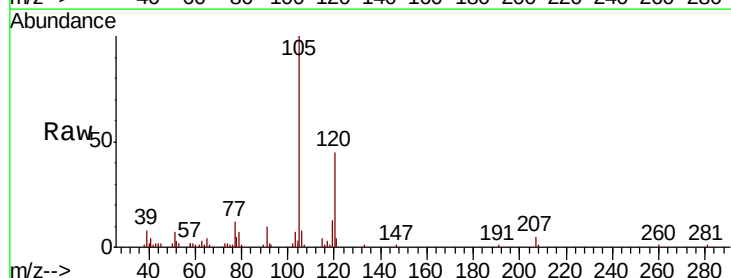
Tgt Ion: 119 Resp: 6068

Ion Ratio Lower Upper

119 100

91 77.0 33.2 99.6

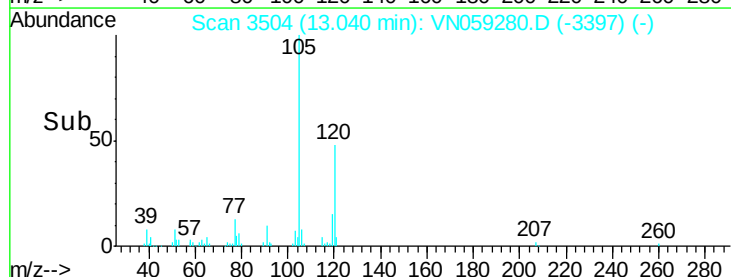
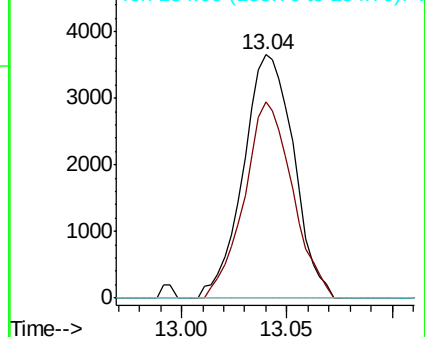
134 0.0 12.7 38.1#

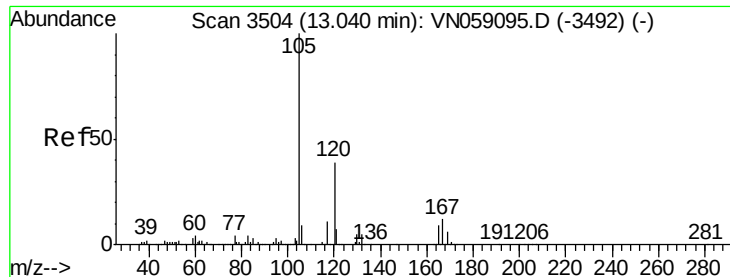


Abundance Ion 119.00 (118.70 to 119.70): VN059280.D (-3504) (-)

Ion 91.00 (90.70 to 91.70): VN059280.D (-3504) (-)

Ion 134.00 (133.70 to 134.70): VN059280.D (-3504) (-)





#84

1,2,4-Trimethylbenzene

Concen: 3.455 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN059280.D

Acq: 18 Nov 2019 13:54

Instrument :

MSVOA_N

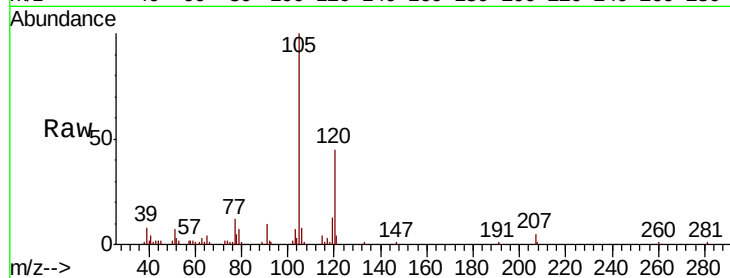
ClientSampled :

Tot Ion:105 Resp: 46546

Ion Ratio Lower Upper

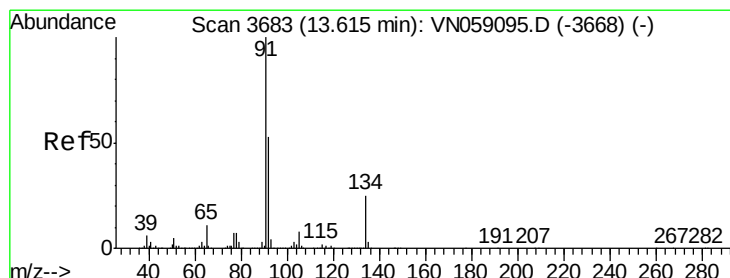
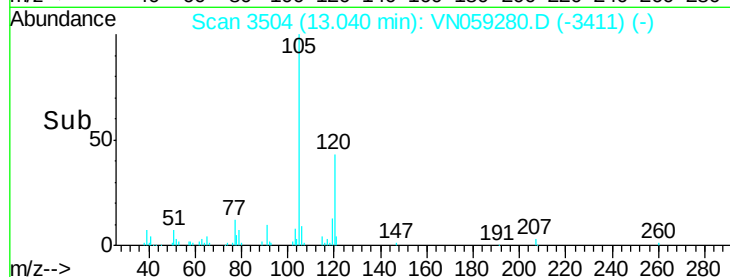
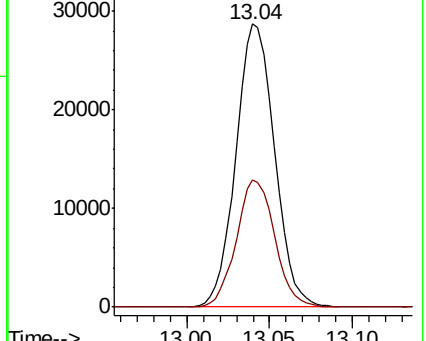
105 100

120 44.5 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#89

n-Butylbenzene

Concen: 0.268 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN059280.D

Acq: 18 Nov 2019 13:54

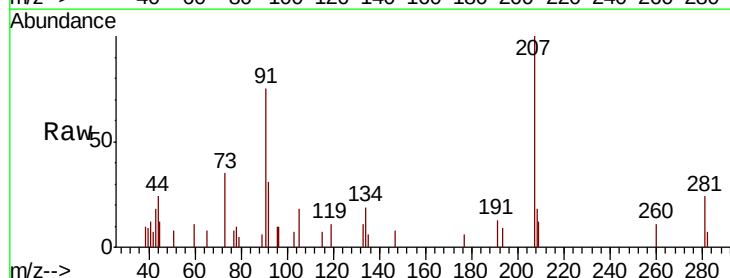
Tgt Ion: 91 Resp: 3242

Ion Ratio Lower Upper

91 100

92 51.0 26.1 78.3

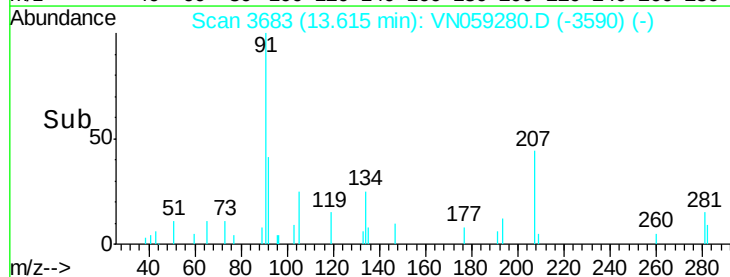
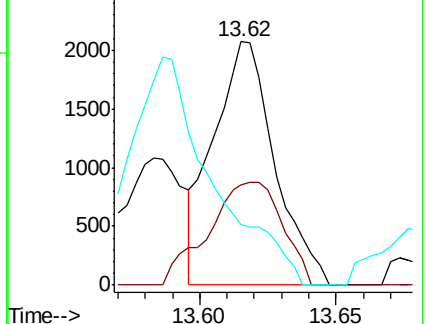
134 0.0 12.6 37.8#

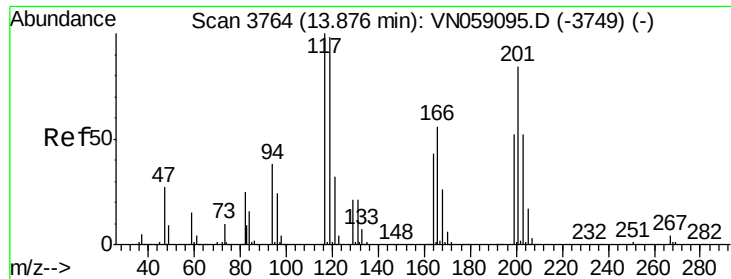


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

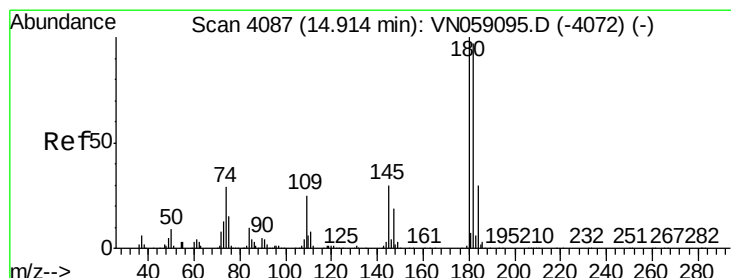
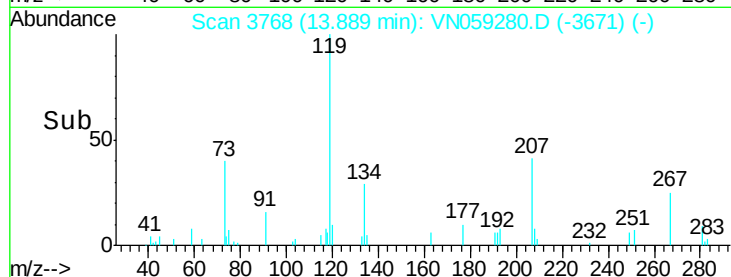
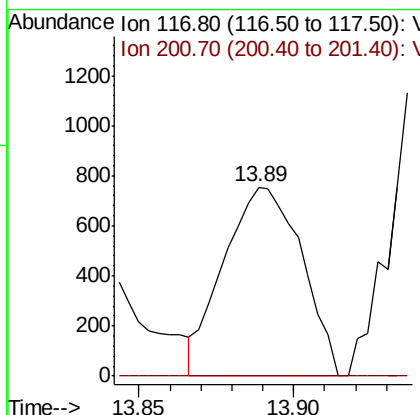
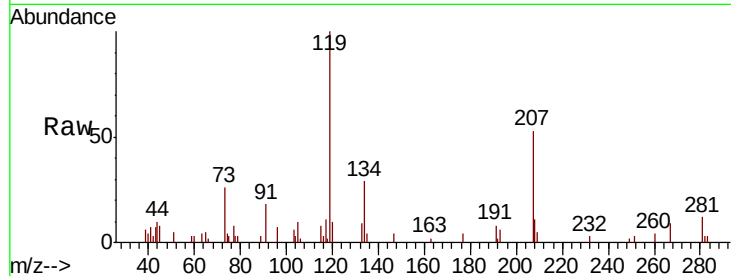




#90
Hexachloroethane
Concen: 0.478 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN059280.D
Acq: 18 Nov 2019 13:54

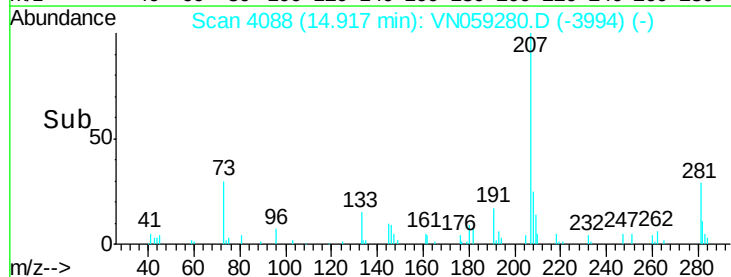
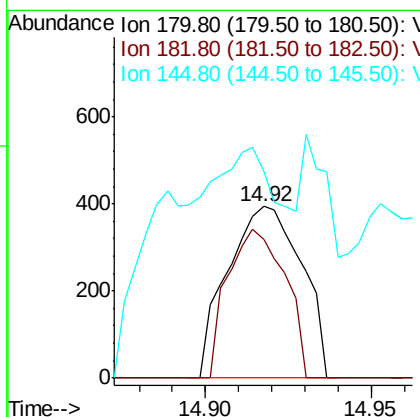
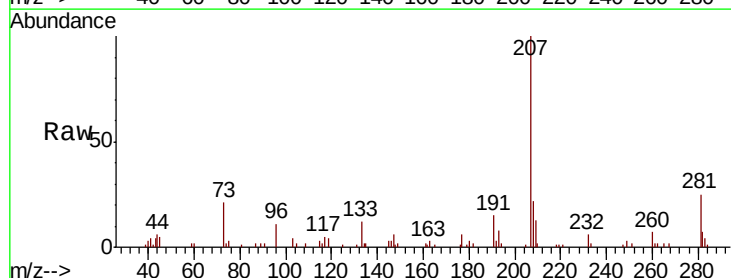
Instrument :
MSVOA_N
ClientSampled :

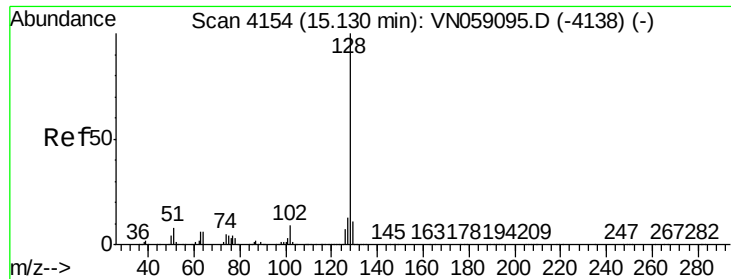
Tot Ion:117 Resp: 1325
Ion Ratio Lower Upper
117 100
201 0.0 41.8 125.3#



#93
1,2,4-Trichlorobenzene
Concen: 3.183 ug/l
RT: 14.92 min Scan# 4088
Delta R.T. 0.00 min
Lab File: VN059280.D
Acq: 18 Nov 2019 13:54

Tgt Ion:180 Resp: 614
Ion Ratio Lower Upper
180 100
182 66.8 48.1 144.3
145 20.2 15.1 45.3





#95

Naphthalene

Concen: 4.629 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059280.D

Acq: 18 Nov 2019 13:54

Instrument :

MSVOA_N

ClientSampleId :

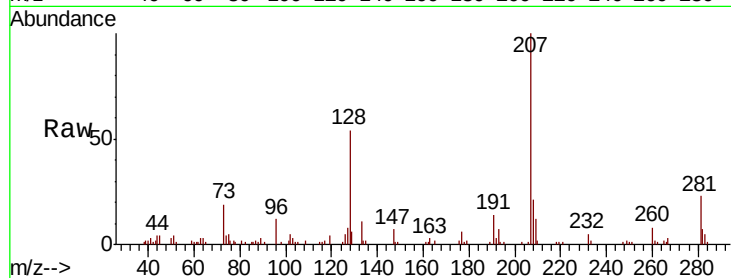
Tot Ion:128 Resp: 19753

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.2

129 12.0 8.6 12.8



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

