

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120419\
 Data File : VN059483.D
 Acq On : 4 Dec 2019 13:46
 Operator : JC/SP
 Sample : K6084-03DL 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 05 00:45:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	337452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	531770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	481626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	206414	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	200017	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
35) Dibromofluoromethane	7.57	113	159646	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	10.08	98	651907	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	12.40	95	230503	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	

Target Compounds

						Qvalue
8) Diethyl Ether	3.38	74	35436	14.911	ug/l	96
11) Tert butyl alcohol	4.74	59	53758	68.053	ug/l #	93
16) Acetone	3.79	43	201671	82.664	ug/l	99
18) Methyl Acetate	4.30	43	37618	6.666	ug/l	96
19) Methyl tert-butyl Ether	5.01	73	31022	2.601	ug/l	91
20) Methylene Chloride	4.52	84	732	Below Cal	#	63
22) Diisopropyl ether	5.92	45	112412	8.761	ug/l #	1
23) Vinyl Acetate	5.91	43	11047	1.073	ug/l #	73
25) 2-Butanone	6.81	43	54925	17.238	ug/l	98
29) Tetrahydrofuran	7.19	42	3731	1.862	ug/l #	69
31) Cyclohexane	7.64	56	12647	1.791	ug/l #	26
36) 1,1-Dichloropropene	7.64	75	25410	4.592	ug/l #	49
37) Ethyl Acetate	6.81	43	54925	8.886	ug/l #	68
38) Carbon Tetrachloride	7.64	117	31675	5.951	ug/l #	16
39) Methylcyclohexane	9.07	83	5285	0.794	ug/l	87
40) Benzene	8.02	78	1921679	118.588	ug/l	99
41) Methacrylonitrile	7.18	41	4418	1.764	ug/l #	100
42) 1,2-Dichloroethane	8.02	62	15315	2.782	ug/l #	75
43) Isopropyl Acetate	8.14	43	7510	0.817	ug/l #	89
48) Methyl methacrylate	9.15	41	11678	2.816	ug/l #	39
49) 1,4-Dioxane	9.18	88	7867	125.348	ug/l #	22
51) 4-Methyl-2-Pentanone	9.97	43	22494	4.122	ug/l	99
52) Toluene	10.15	92	1502305	153.288	ug/l	96
53) t-1,3-Dichloropropene	10.45	75	2919	0.459	ug/l #	51
54) cis-1,3-Dichloropropene	9.80	75	3123	0.463	ug/l #	1
56) Ethyl methacrylate	10.35	69	3880	2.054	ug/l #	60
58) 2-Chloroethyl Vinyl ether	9.80	63	3855	17.496	ug/l	92
59) 2-Hexanone	10.75	43	13873	3.378	ug/l	86
67) Ethyl Benzene	11.51	91	124907	6.771	ug/l	99
68) m/p-Xylenes	11.61	106	383817	55.878	ug/l	98
69) o-Xylene	11.94	106	123585	18.898	ug/l	100
70) Styrene	11.95	104	6660	0.638	ug/l #	1
71) Bromoform	12.40	173	1170	0.397	ug/l #	1
73) Isopropylbenzene	12.25	105	16442	0.993	ug/l	96

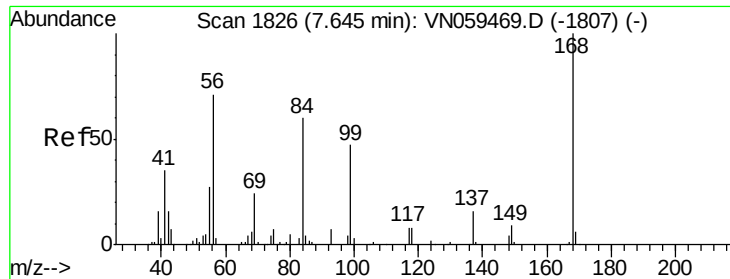
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120419\
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) N-amyl acetate	11.99	43	88249	13.235	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.55	83	21638	4.075	ug/l #	25
76) 1,2,3-Trichloropropane	12.40	75	112993	22.016	ug/l #	100
78) n-propylbenzene	12.59	91	16166	0.839	ug/l	98
79) 2-Chlorotoluene	12.65	91	10482	0.903	ug/l #	62
80) 1,3,5-Trimethylbenzene	12.73	105	74193	5.363	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	112993	57.778	ug/l #	22
83) tert-Butylbenzene	13.04	119	16222	1.351	ug/l #	61
84) 1,2,4-Trimethylbenzene	13.04	105	131682	9.740	ug/l	98
85) sec-Butylbenzene	13.04	105	131682	8.273	ug/l #	57
86) p-Isopropyltoluene	13.29	119	4699	0.329	ug/l #	75
90) Hexachloroethane	13.89	117	1219	0.443	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.27	75	83	Below Cal	#	2
95) Naphthalene	15.13	128	6544	2.957	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	1019	2.194	ug/l #	74

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059483.D

Acq: 4 Dec 2019 13:46

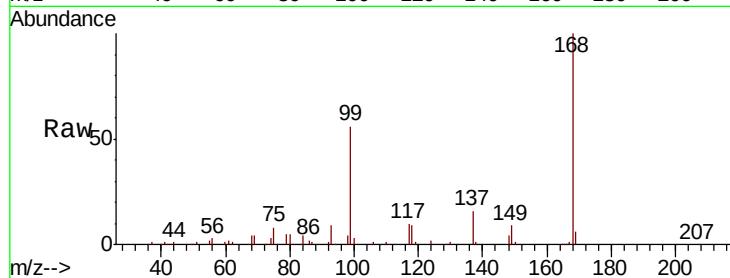
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 337452

Ion Ratio Lower Upper

168 100

99 55.6 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): VN059469.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN059469.D (-1807) (-)

7.64

150000

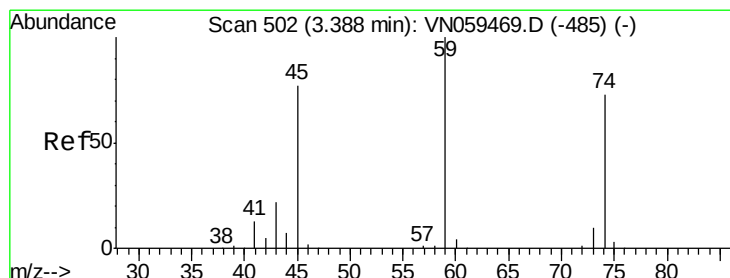
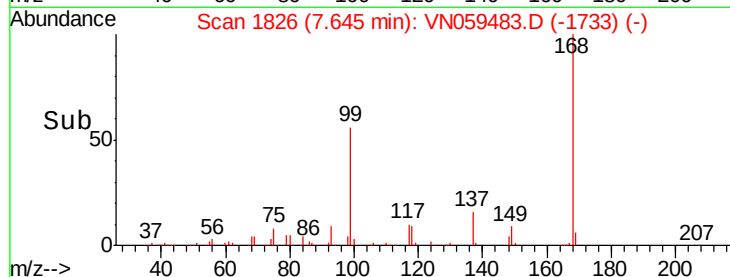
100000

50000

0

7.60 7.70

Time-->



#8

Diethyl Ether

Concen: 14.911 ug/l

RT: 3.38 min Scan# 501

Delta R.T. -0.00 min

Lab File: VN059483.D

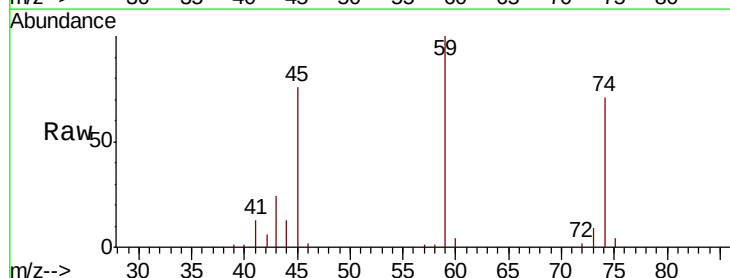
Acq: 4 Dec 2019 13:46

Tgt Ion: 74 Resp: 35436

Ion Ratio Lower Upper

74 100

45 109.1 52.3 157.1



Abundance Ion 74.00 (73.70 to 74.70): VN059469.D (-485) (-)

Ion 45.00 (44.70 to 45.70): VN059469.D (-485) (-)

3.38

20000

15000

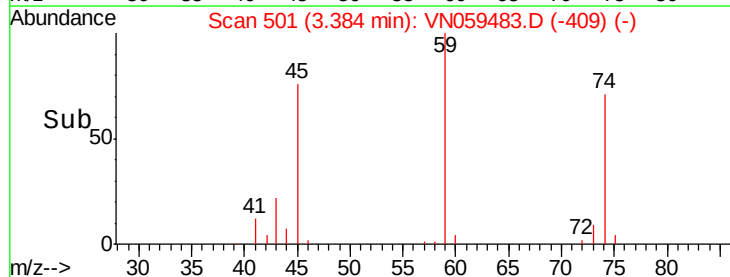
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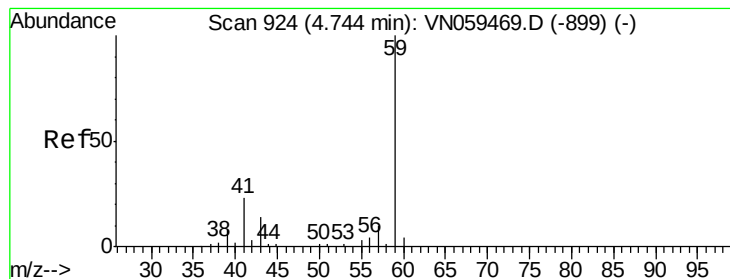
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0

3.30 3.35 3.40 3.45

Time-->



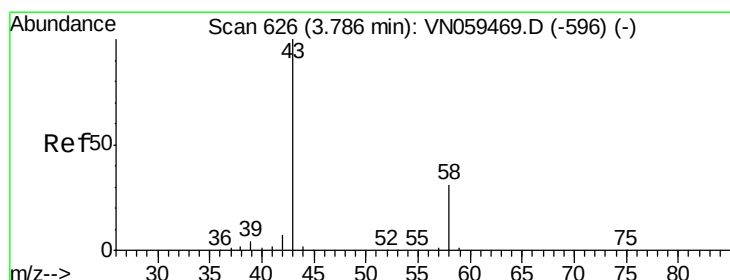
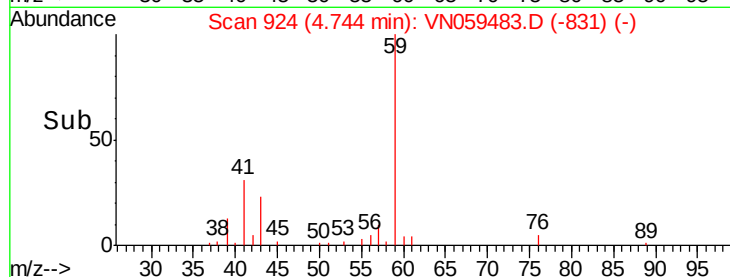
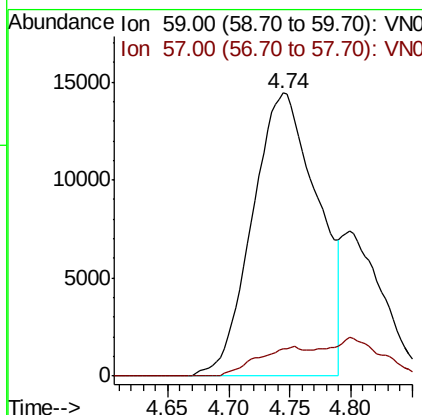
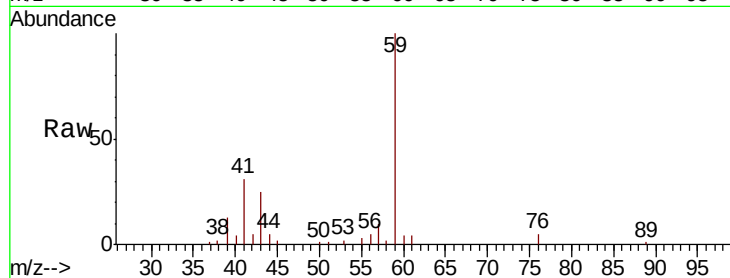


#11

Tert butyl alcohol
 Concen: 68.053 ug/l
 RT: 4.74 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: VN059483.D
 Acq: 4 Dec 2019 13:46

Instrument :
 MSVOA_N
 ClientSampleId :

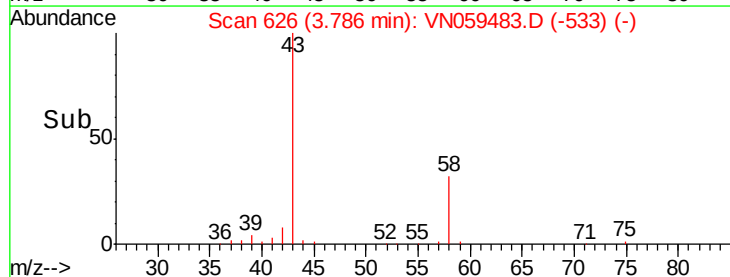
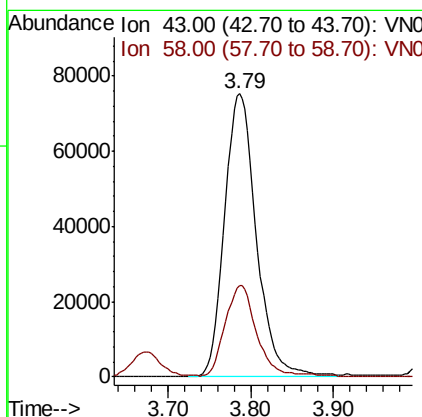
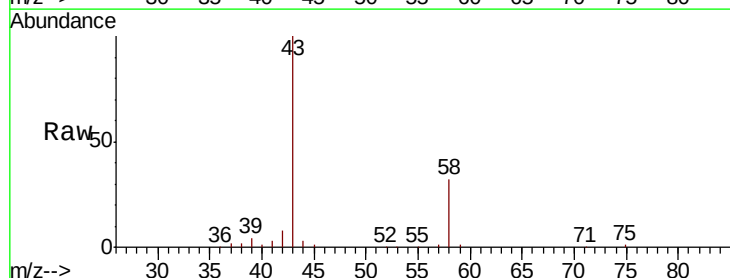
Tot Ion: 59 Resp: 53758
 Ion Ratio Lower Upper
 59 100
 57 7.6 8.1 12.1#

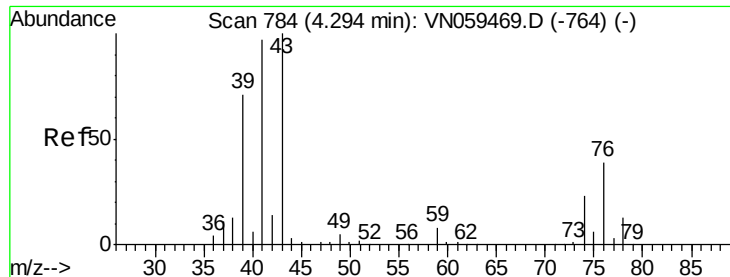


#16

Acetone
 Concen: 82.664 ug/l
 RT: 3.79 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: VN059483.D
 Acq: 4 Dec 2019 13:46

Tgt Ion: 43 Resp: 201671
 Ion Ratio Lower Upper
 43 100
 58 31.8 24.9 37.3

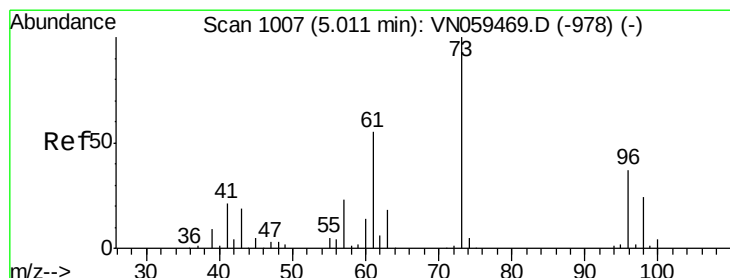
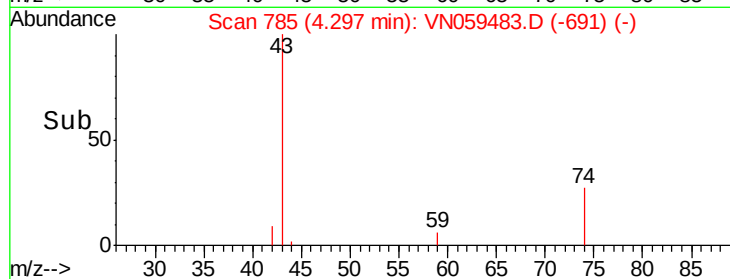
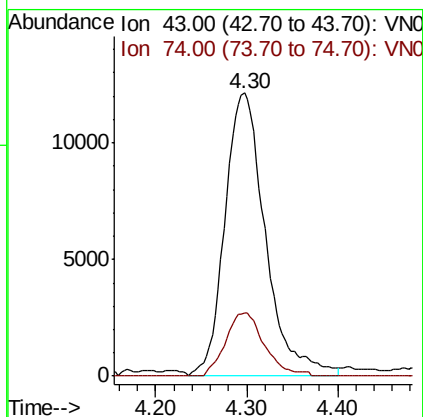
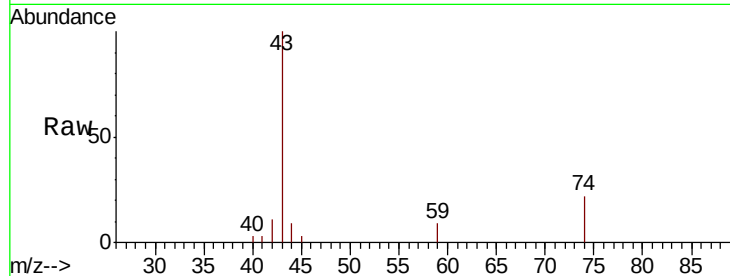




#18
Methyl Acetate
Concen: 6.666 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059483.D
Acq: 4 Dec 2019 13:46

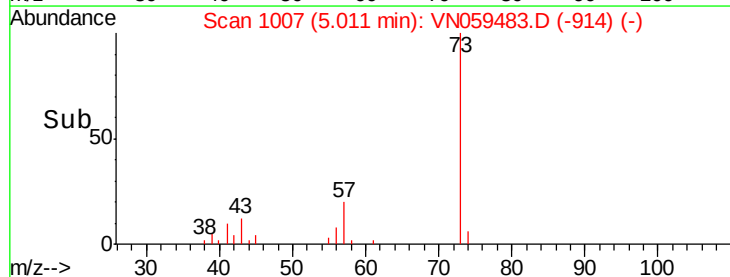
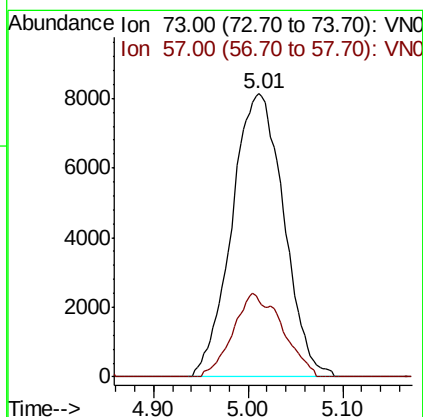
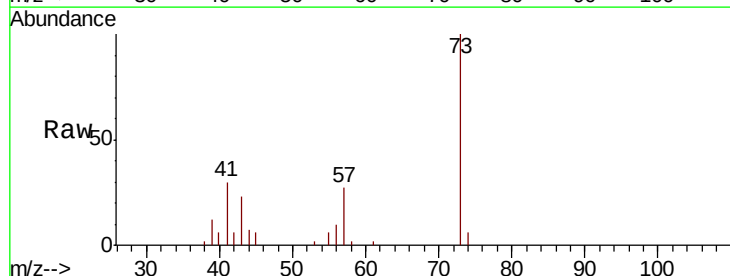
Instrument :
MSVOA_N
ClientSampled :

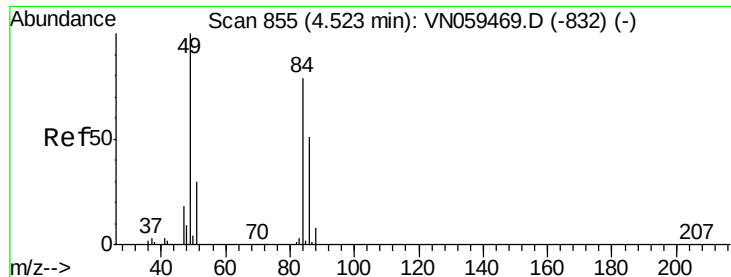
Tot Ion: 43 Resp: 37618
Ion Ratio Lower Upper
43 100
74 21.1 18.3 27.5



#19
Methyl tert-butyl Ether
Concen: 2.601 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059483.D
Acq: 4 Dec 2019 13:46

Tgt Ion: 73 Resp: 31022
Ion Ratio Lower Upper
73 100
57 26.9 18.0 27.0





#20

Methylene Chloride

Concen: Below Cal

RT: 4.52 min Scan# 855

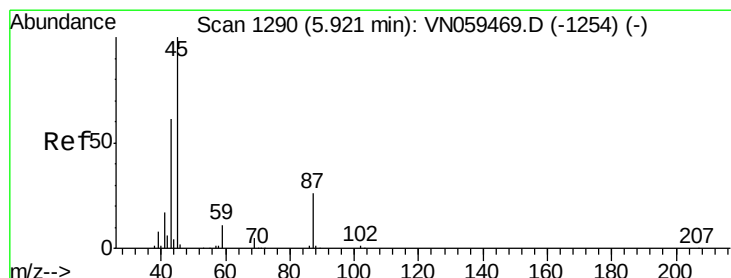
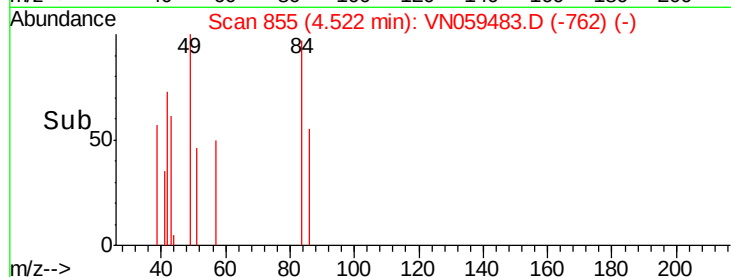
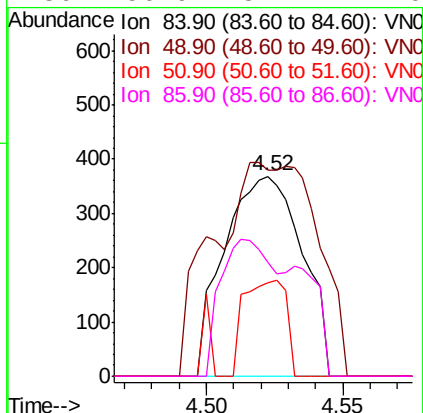
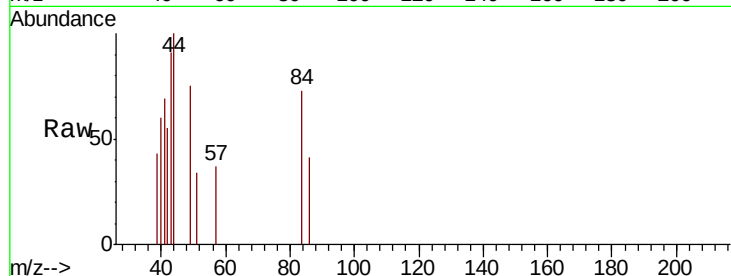
Delta R.T. 0.00 min

Lab File: VN059483.D

Acq: 4 Dec 2019 13:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	84	Resp:	732
Ion	Ratio	Lower	Upper
84	100		
49	60.7	101.1	151.7#
51	46.9	30.7	46.1#
86	56.9	51.4	77.0



#22

Diisopropyl ether

Concen: 8.761 ug/l

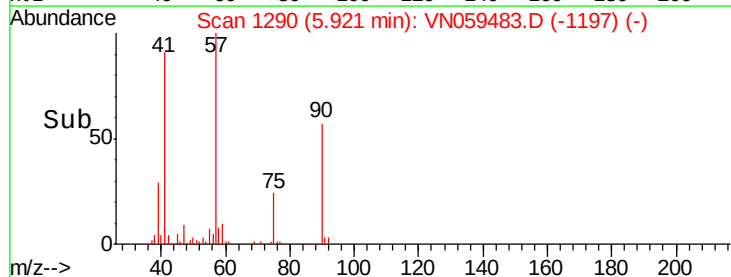
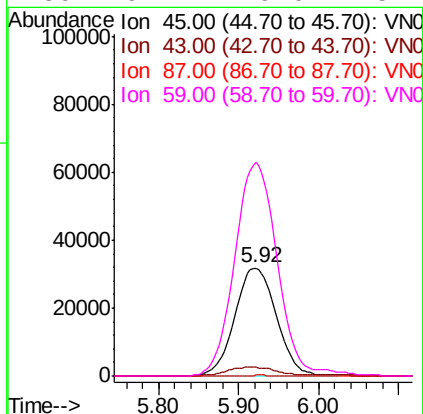
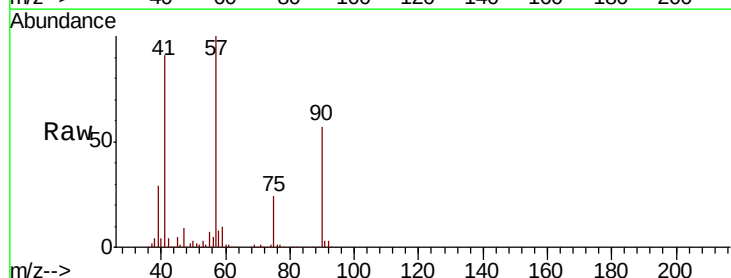
RT: 5.92 min Scan# 1290

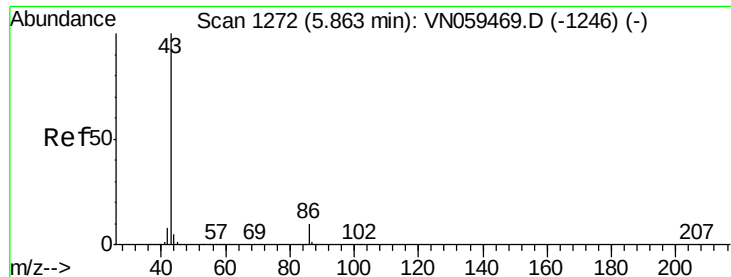
Delta R.T. -0.00 min

Lab File: VN059483.D

Acq: 4 Dec 2019 13:46

Tgt Ion:	45	Resp:	112412
Ion	Ratio	Lower	Upper
45	100		
43	7.8	49.1	73.7#
87	0.6	21.6	32.4#
59	197.4	9.0	13.4#





#23

Vinyl Acetate

Concen: 1.073 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. 0.05 min

Lab File: VN059483.D

Acq: 4 Dec 2019 13:46

Instrument :

MSVOA_N

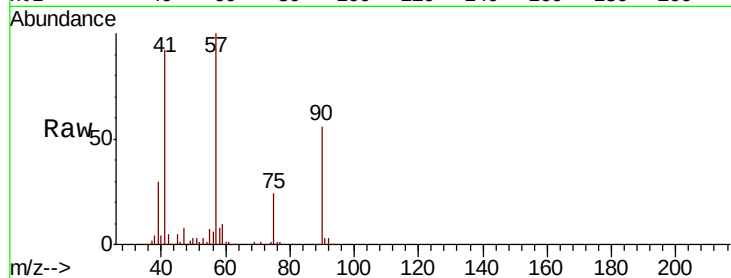
ClientSampled :

Tot Ion: 43 Resp: 11047

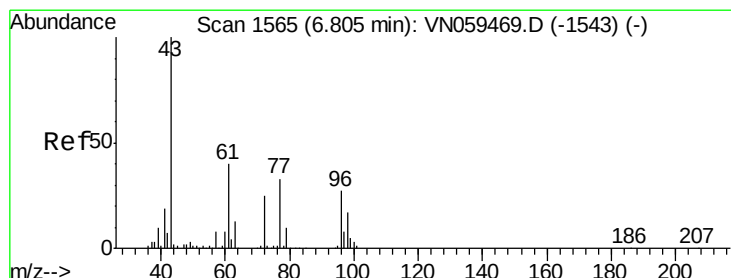
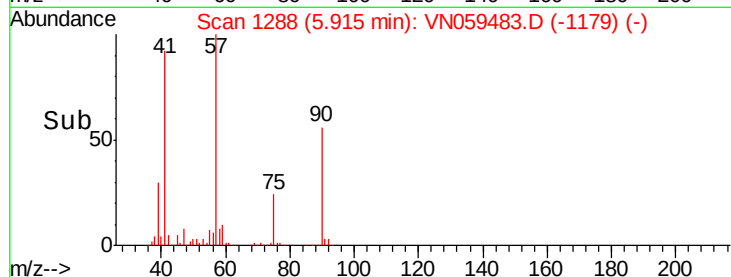
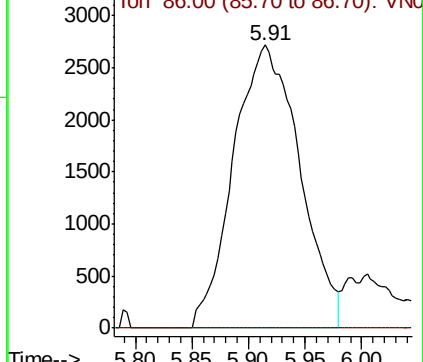
Ion Ratio Lower Upper

43 100

86 0.0 8.0 12.0#



Abundance Ion 43.00 (42.70 to 43.70): VN059469.D (-1246) (-)



#25

2-Butanone

Concen: 17.238 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059483.D

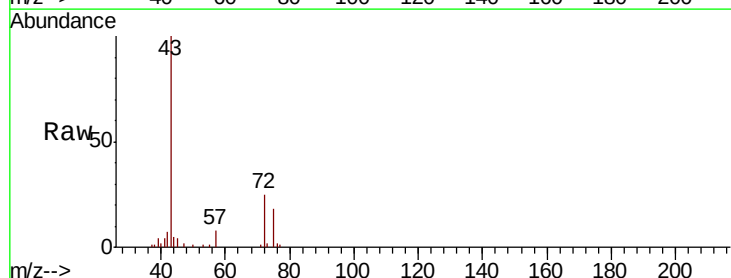
Acq: 4 Dec 2019 13:46

Tgt Ion: 43 Resp: 54925

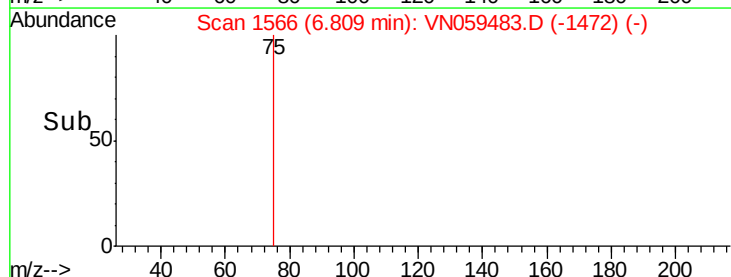
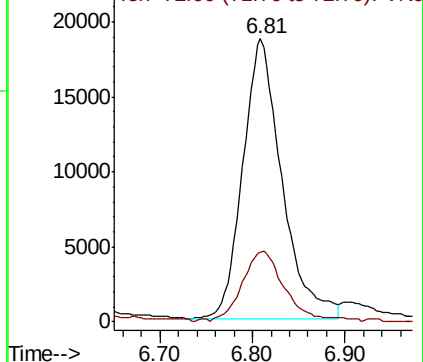
Ion Ratio Lower Upper

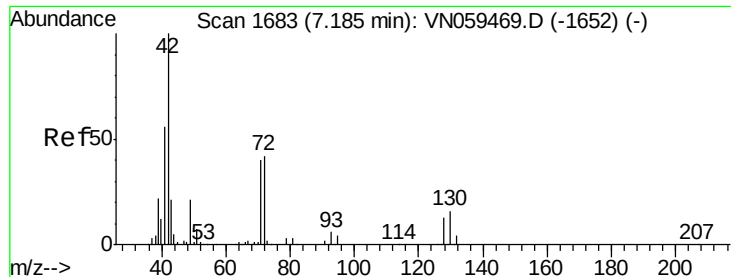
43 100

72 24.1 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN059469.D (-1543) (-)

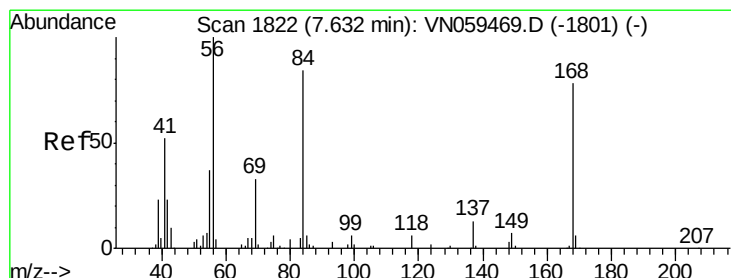
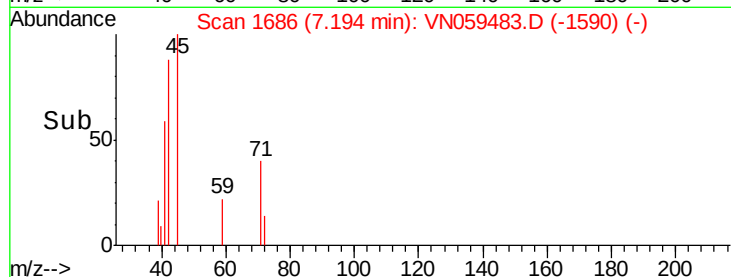
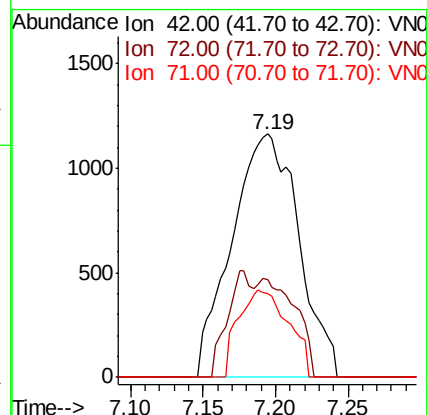
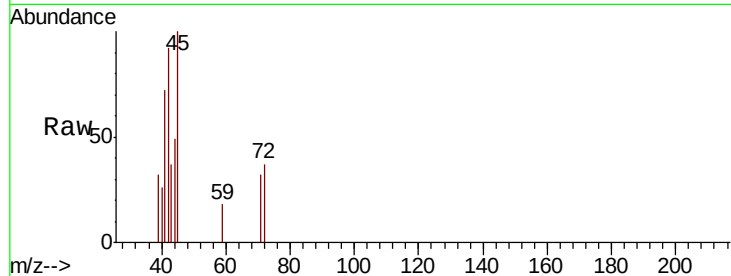




#29
Tetrahydrofuran
Concen: 1.862 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VN059483.D
Acq: 4 Dec 2019 13:46

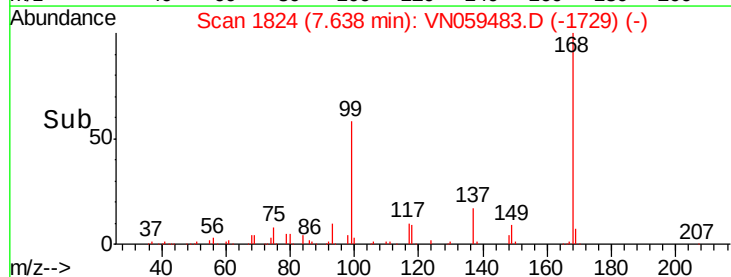
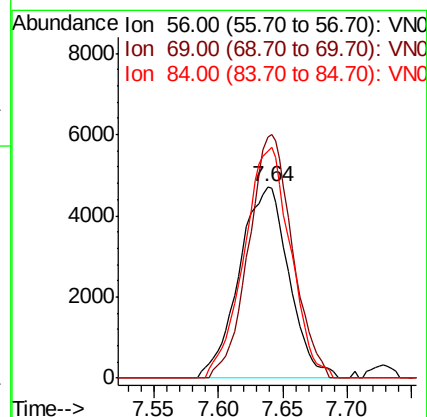
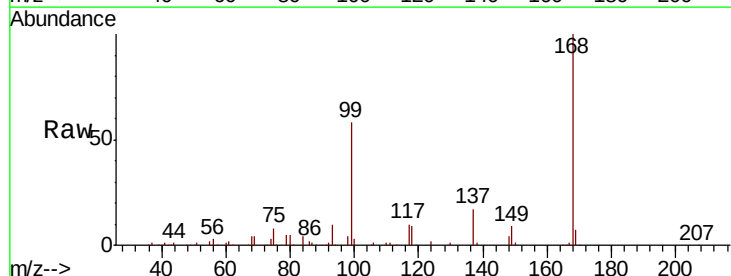
Instrument :
MSVOA_N
ClientSampled :

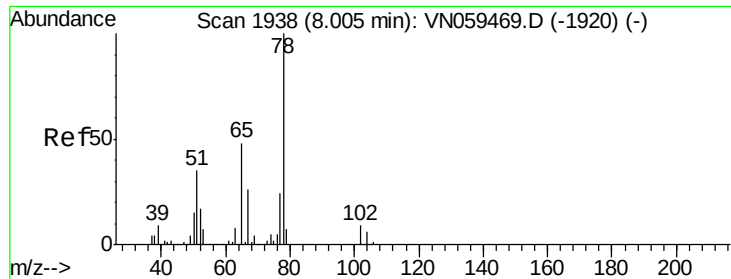
Tot Ion: 42 Resp: 3731
Ion Ratio Lower Upper
42 100
72 16.6 34.2 51.2#
71 26.8 32.0 48.0#



#31
Cyclohexane
Concen: 1.791 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VN059483.D
Acq: 4 Dec 2019 13:46

Tgt Ion: 56 Resp: 12647
Ion Ratio Lower Upper
56 100
69 125.7 26.2 39.4#
84 118.7 66.8 100.2#

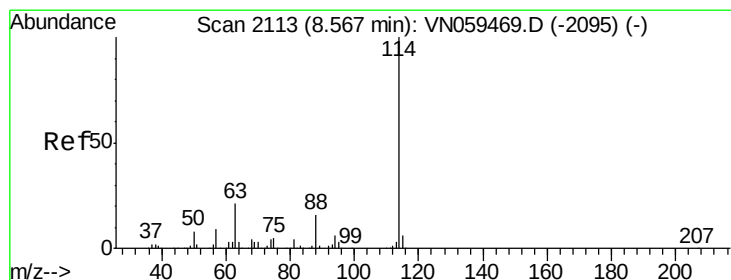
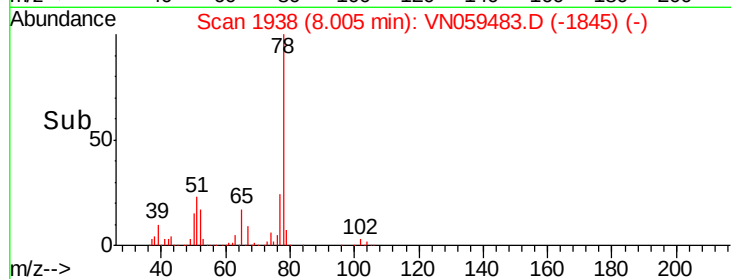
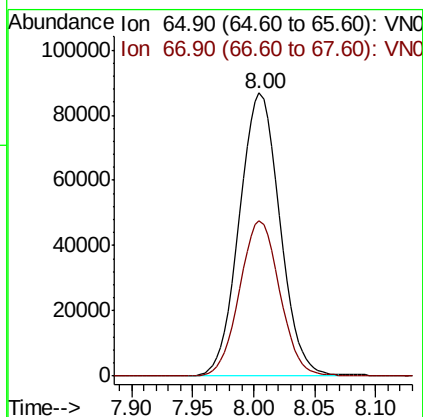
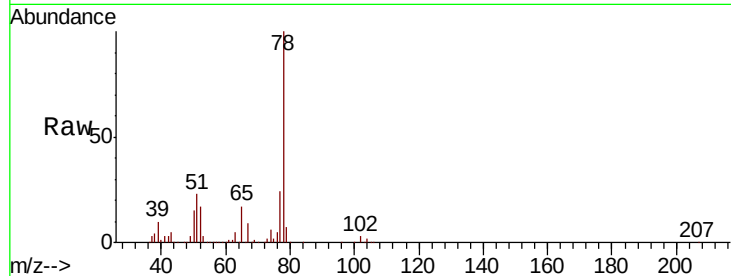




#33
 1,2-Dichloroethane-d4
 Concen: 47.713 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059483.D
 Acq: 4 Dec 2019 13:46

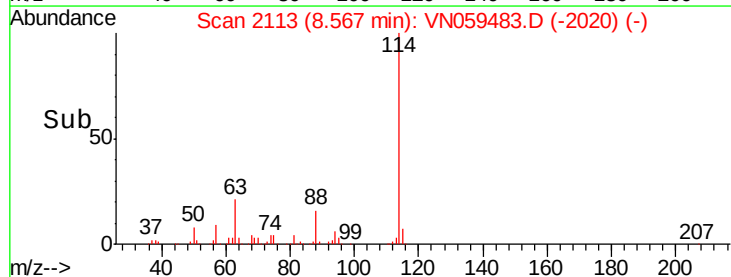
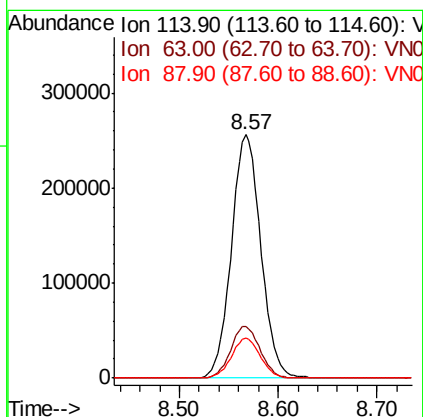
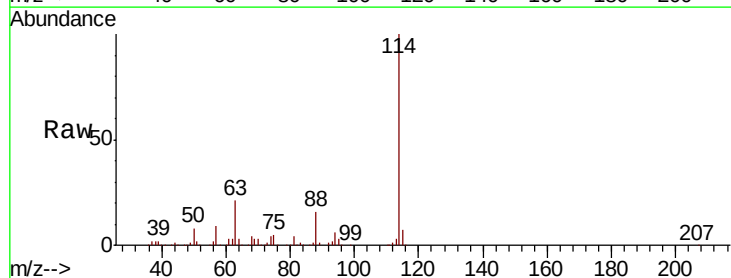
Instrument :
 MSVOA_N
 ClientSampleId :

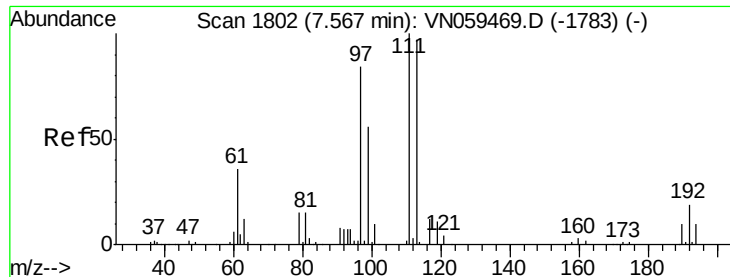
Tot Ion: 65 Resp: 200017
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059483.D
 Acq: 4 Dec 2019 13:46

Tgt Ion: 114 Resp: 531770
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.4
 88 16.3 0.0 32.8

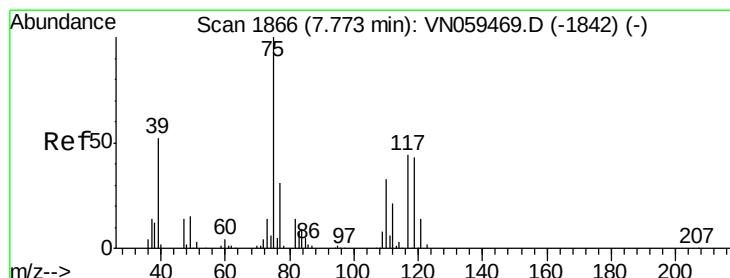
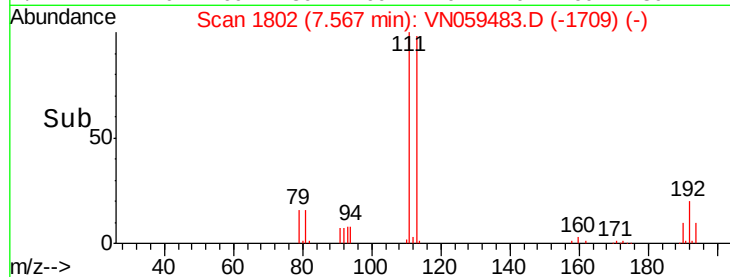
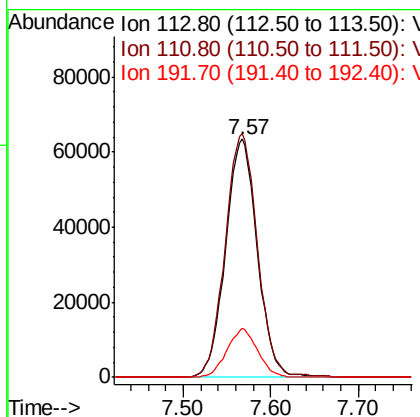
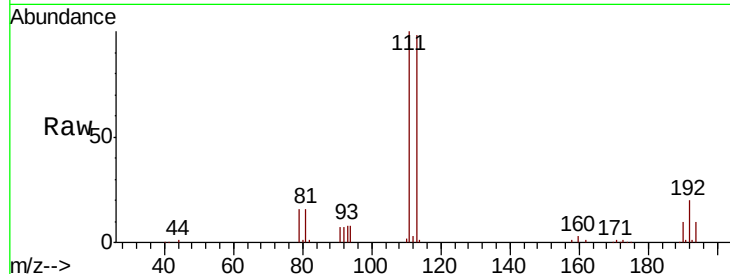




#35
 Dibromofluoromethane
 Concen: 48.202 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059483.D
 Acq: 4 Dec 2019 13:46

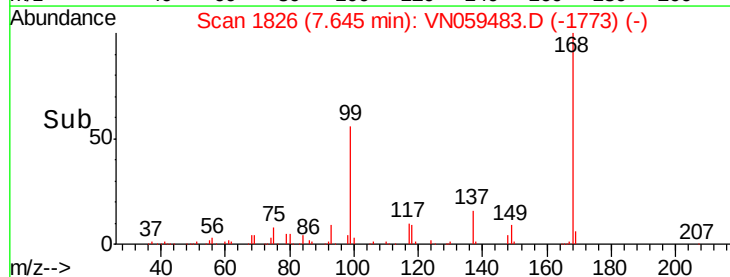
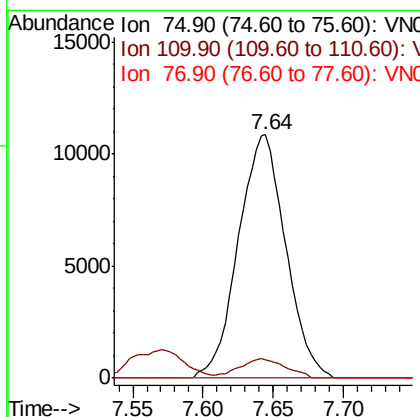
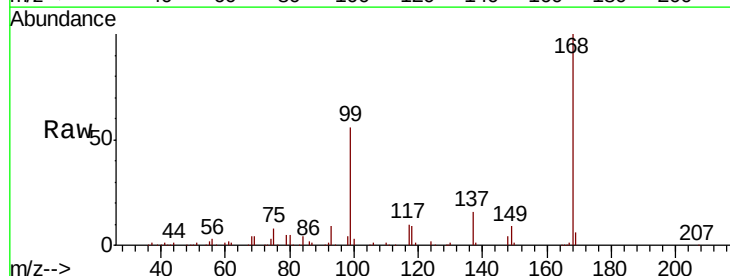
Instrument :
 MSVOA_N
 ClientSampleId :

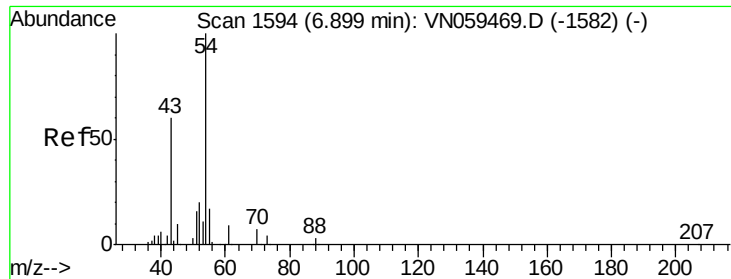
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.5	123.7
192	19.9	16.1	24.1



#36
 1,1-Dichloropropene
 Concen: 4.592 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059483.D
 Acq: 4 Dec 2019 13:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.7	16.9	50.7#
77	0.0	25.1	37.7#

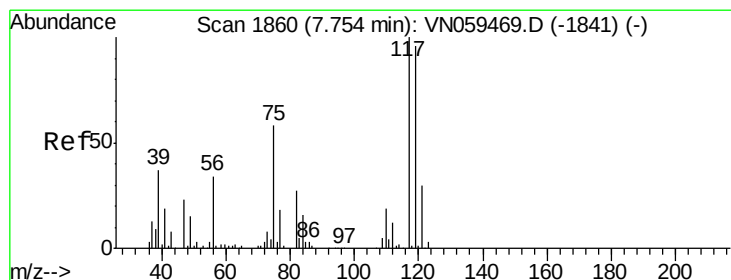
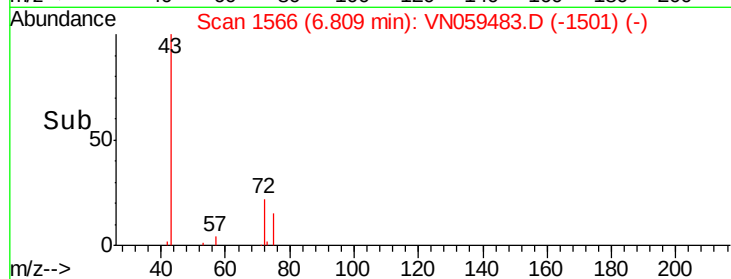
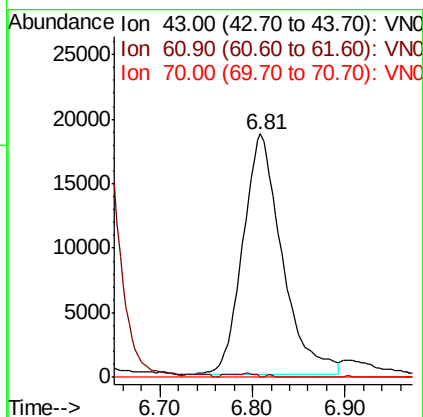
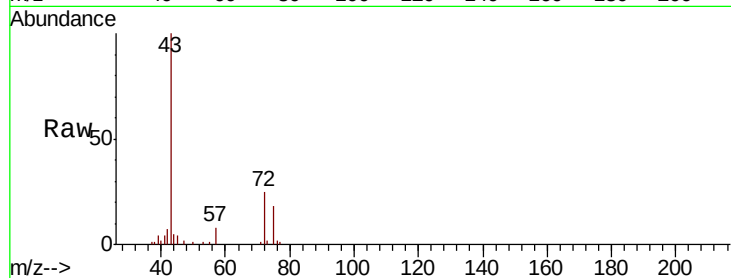




#37
Ethyl Acetate
Concen: 8.886 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. -0.09 min
Lab File: VN059483.D
Acq: 4 Dec 2019 13:46

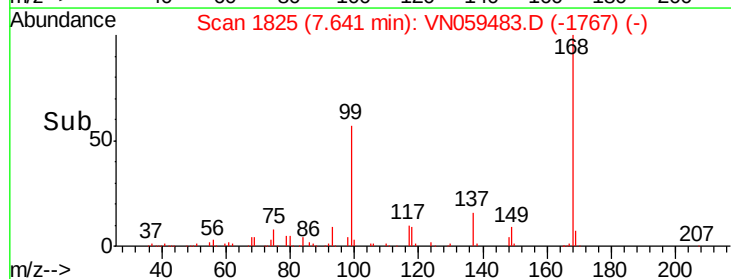
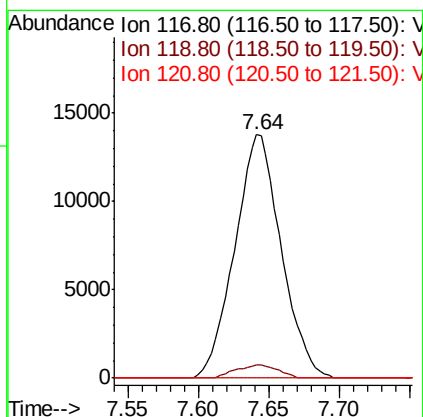
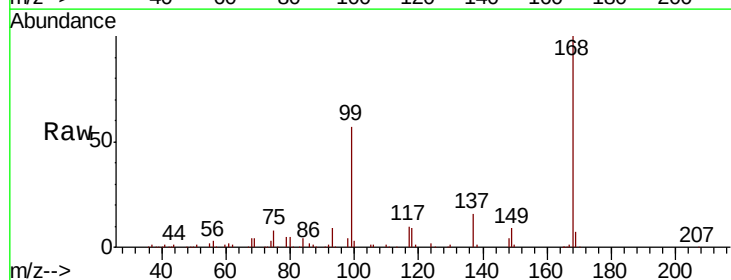
Instrument :
MSVOA_N
ClientSampled :

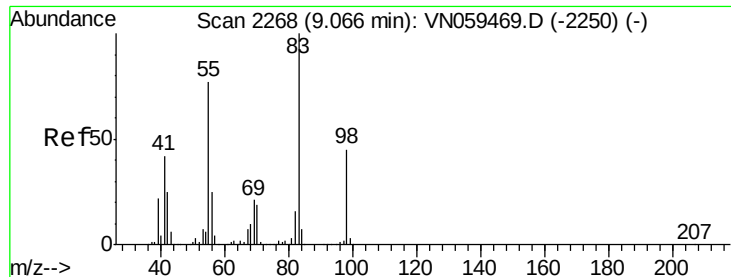
Tot Ion: 43 Resp: 54925
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.3 12.5#



#38
Carbon Tetrachloride
Concen: 5.951 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.11 min
Lab File: VN059483.D
Acq: 4 Dec 2019 13:46

Tgt Ion: 117 Resp: 31675
Ion Ratio Lower Upper
117 100
119 5.2 76.6 114.8#
121 0.0 24.0 36.0#

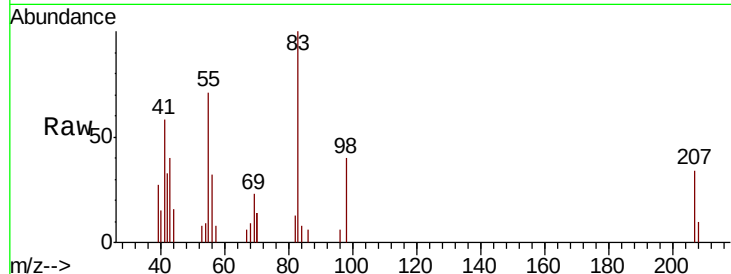




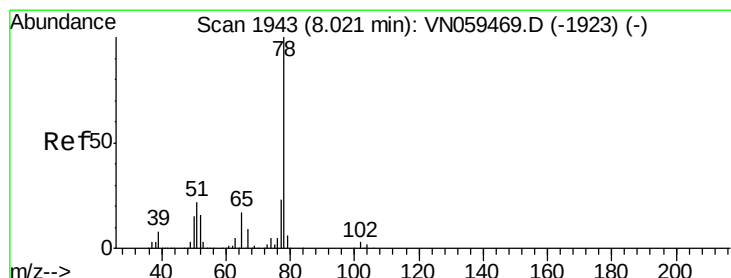
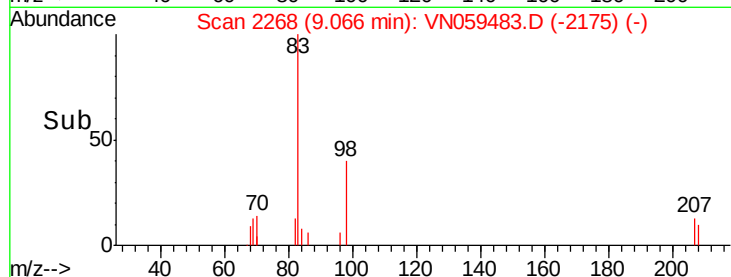
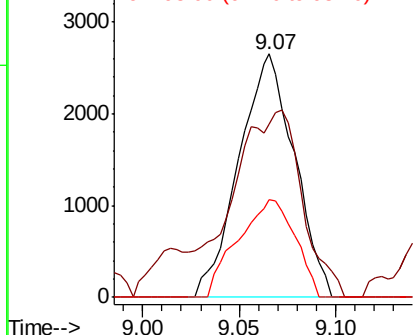
#39
Methylvlcyclohexane
Concen: 0.794 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059483.D
Acq: 4 Dec 2019 13:46

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 5285
Ion Ratio Lower Upper
83 100
55 63.9 61.8 92.6
98 40.1 36.2 54.2

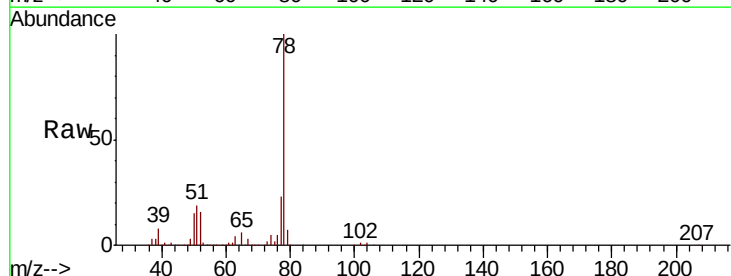


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

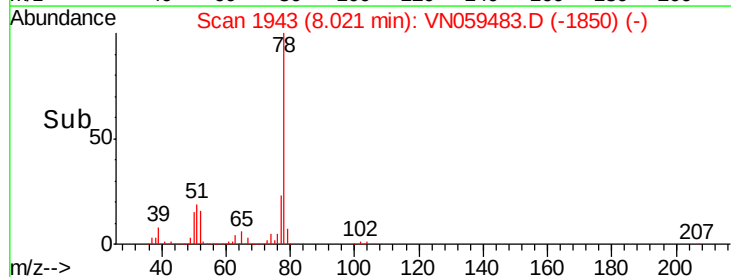
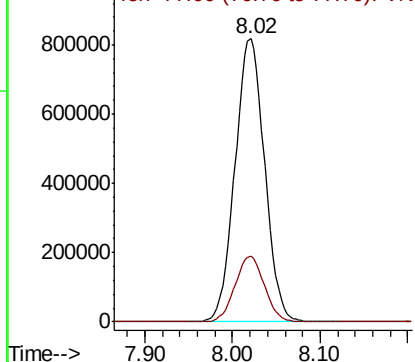


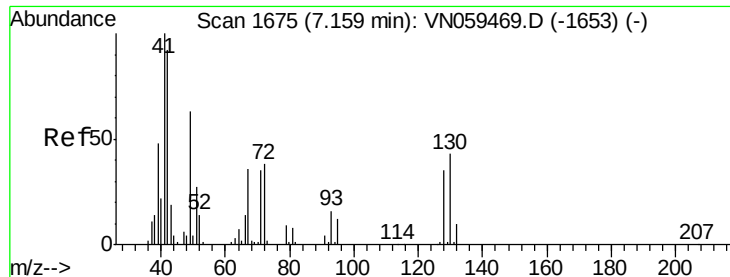
#40
Benzene
Concen: 118.588 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059483.D
Acq: 4 Dec 2019 13:46

Tgt Ion: 78 Resp: 1921679
Ion Ratio Lower Upper
78 100
77 23.2 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

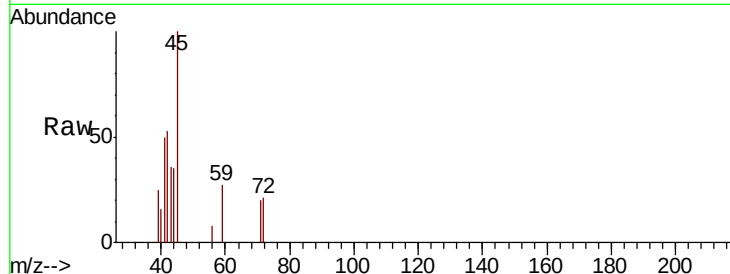




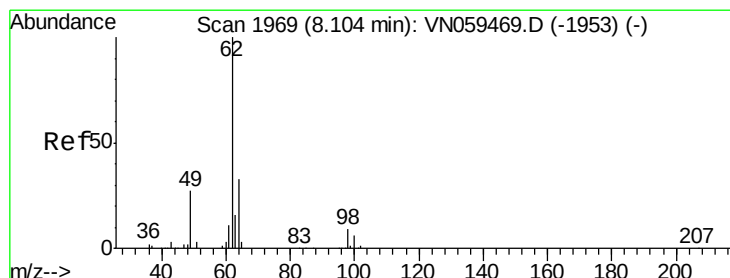
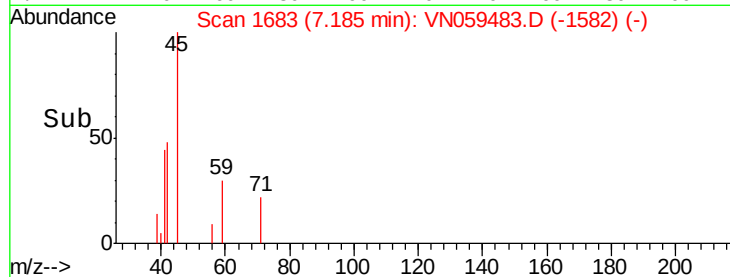
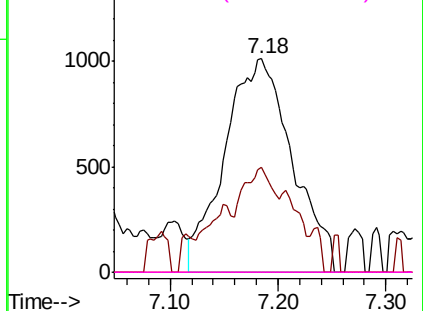
#41
Methacrylonitrile
Concen: 1.764 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.03 min
Lab File: VN059483.D
Acq: 4 Dec 2019 13:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	4418
Ion	Ratio	Lower	Upper
41	100		
39	9.5	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

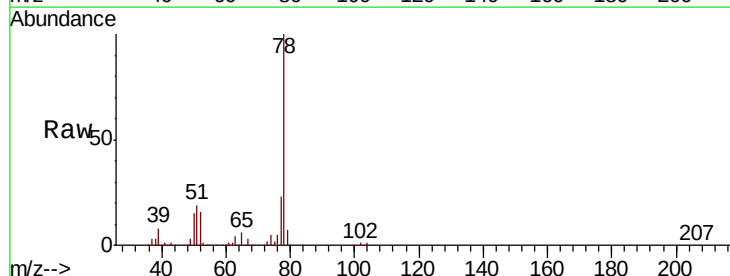


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

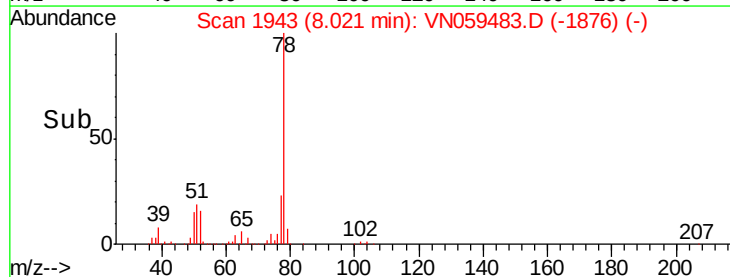
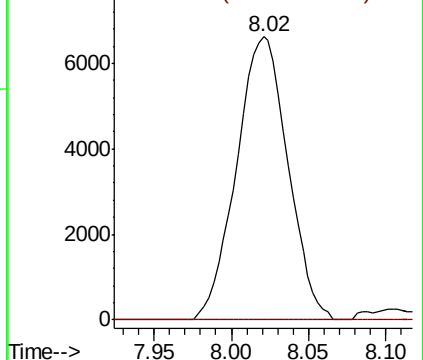


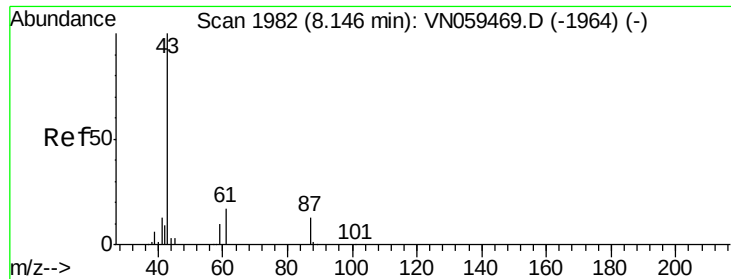
#42
1,2-Dichloroethane
Concen: 2.782 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.08 min
Lab File: VN059483.D
Acq: 4 Dec 2019 13:46

Tgt Ion:	62	Resp:	15315
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 0.817 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VN059483.D

Acq: 4 Dec 2019 13:46

Instrument :

MSVOA_N

ClientSampleId :

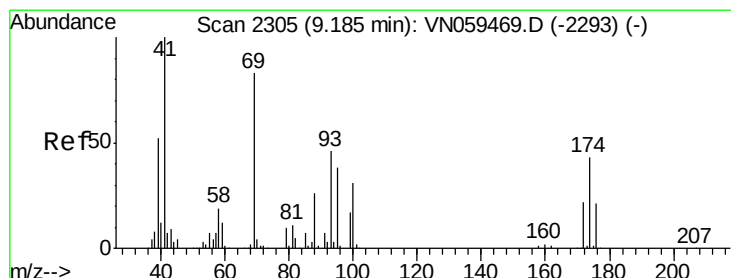
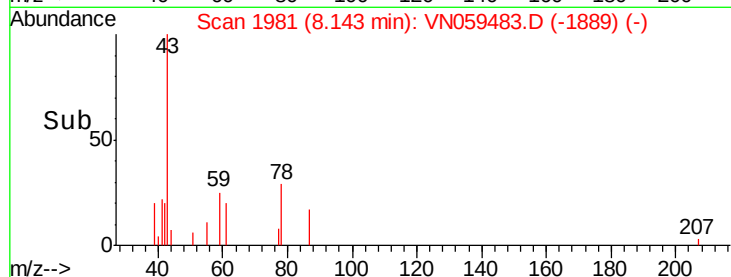
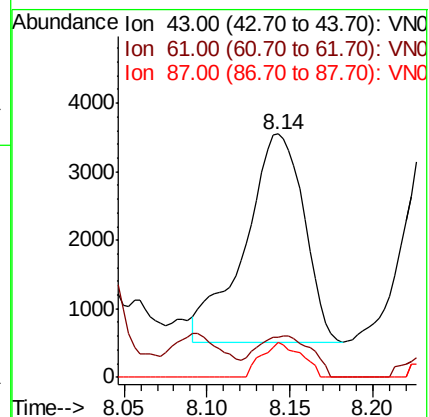
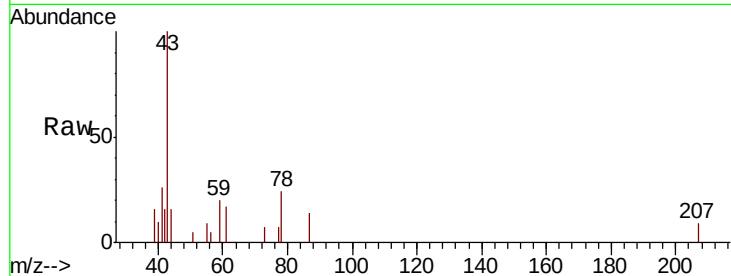
Tot Ion: 43 Resp: 7510

Ion Ratio Lower Upper

43 100

61 18.8 21.0 31.6#

87 11.3 10.4 15.6



#48

Methyl methacrylate

Concen: 2.816 ug/l

RT: 9.15 min Scan# 2295

Delta R.T. -0.03 min

Lab File: VN059483.D

Acq: 4 Dec 2019 13:46

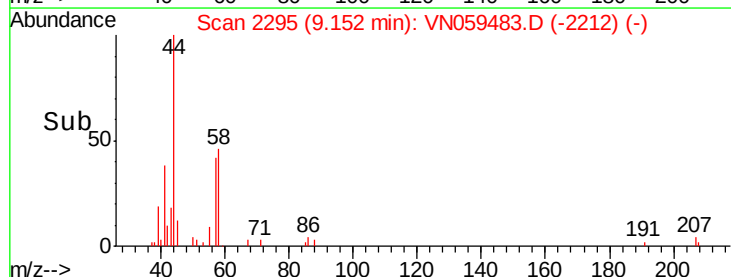
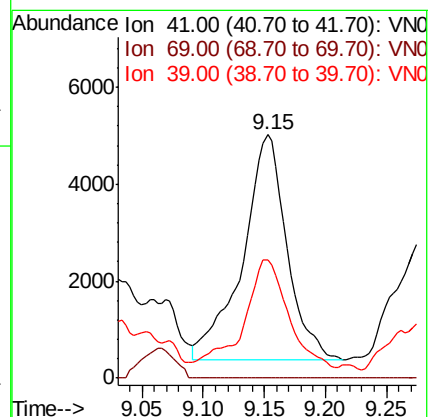
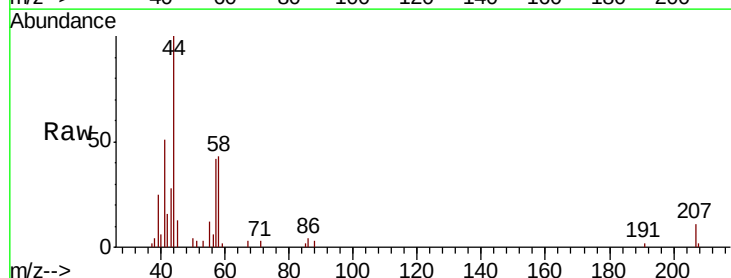
Tgt Ion: 41 Resp: 11678

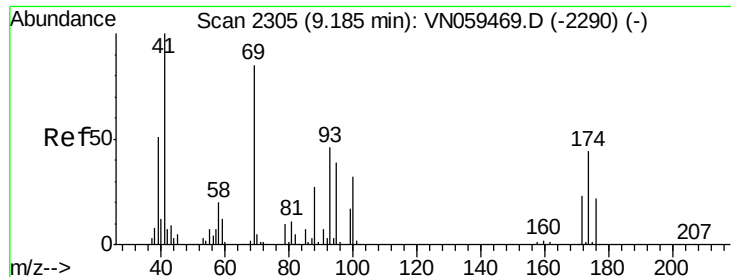
Ion Ratio Lower Upper

41 100

69 0.0 68.6 103.0#

39 47.1 43.2 64.8





#49

1,4-Dioxane

Concen: 125.348 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN059483.D

Acq: 4 Dec 2019 13:46

Instrument :
MSVOA_N
ClientSampleId :

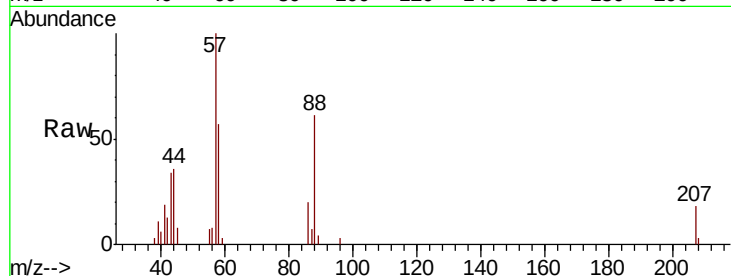
Tot Ion: 88 Resp: 7867

Ion Ratio Lower Upper

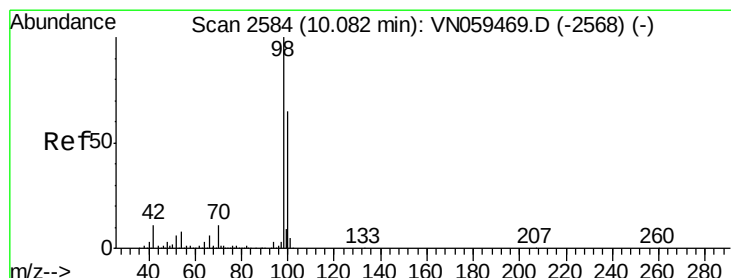
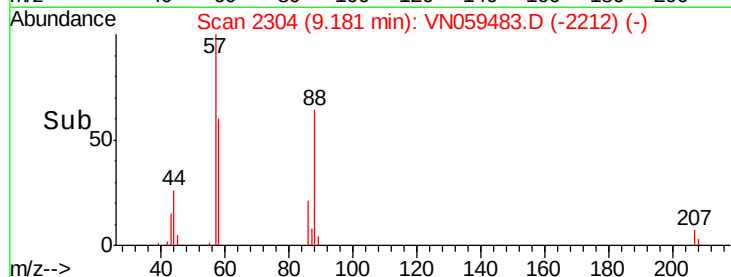
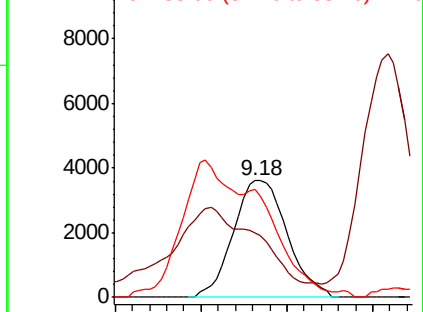
88 100

43 0.0 27.1 40.7#

58 0.0 57.8 86.6#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.922 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059483.D

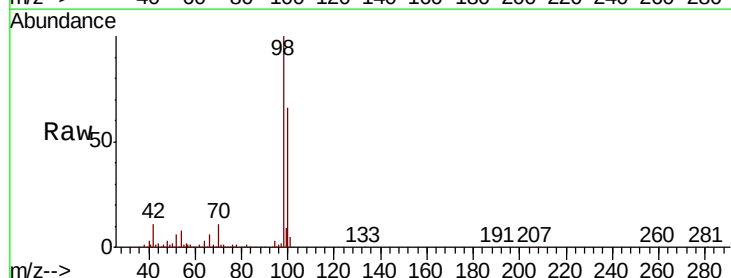
Acq: 4 Dec 2019 13:46

Tgt Ion: 98 Resp: 651907

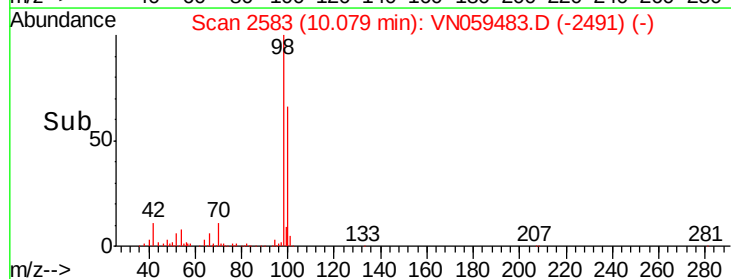
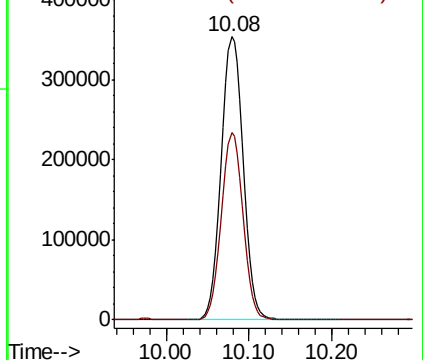
Ion Ratio Lower Upper

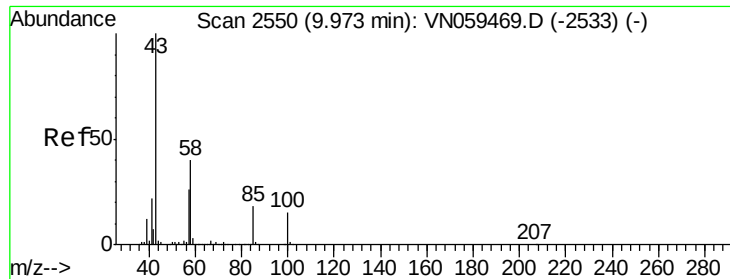
98 100

100 65.0 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 4.122 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059483.D

Acq: 4 Dec 2019 13:46

Instrument :

MSVOA_N

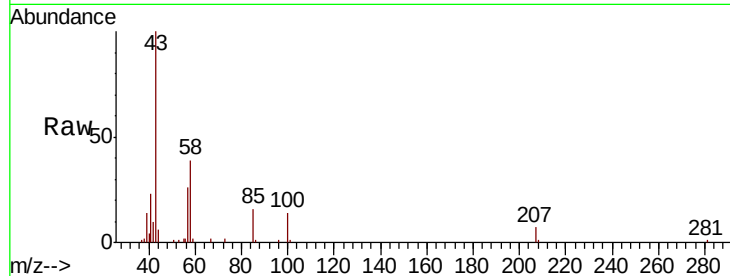
ClientSampled :

Tot Ion: 43 Resp: 22494

Ion Ratio Lower Upper

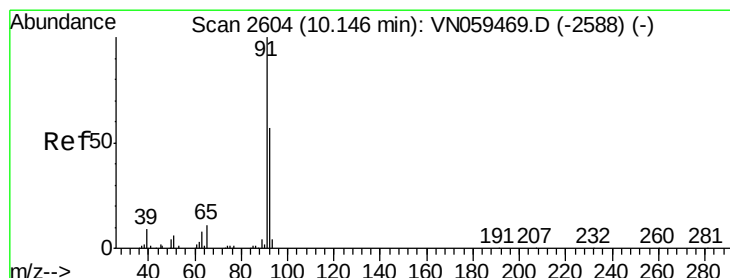
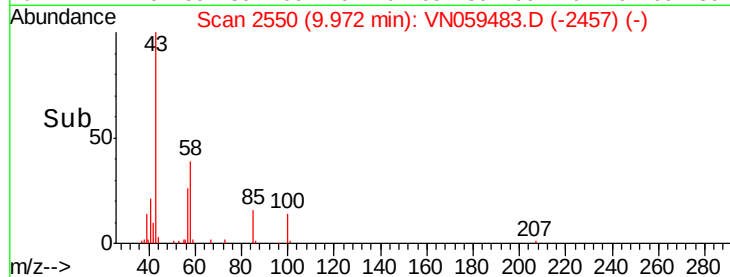
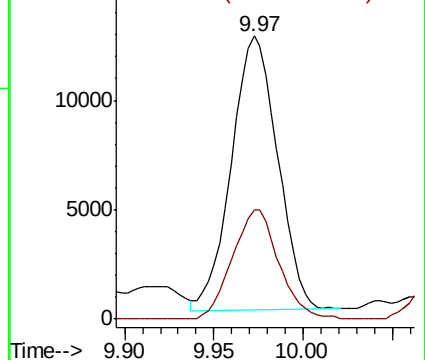
43 100

58 40.6 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 153.288 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VN059483.D

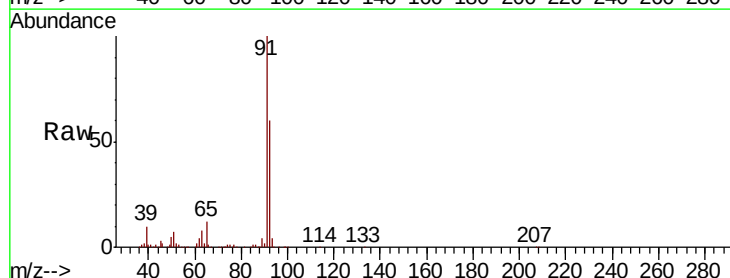
Acq: 4 Dec 2019 13:46

Tgt Ion: 92 Resp: 1502305

Ion Ratio Lower Upper

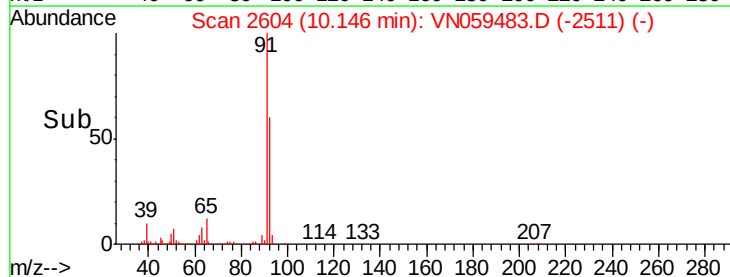
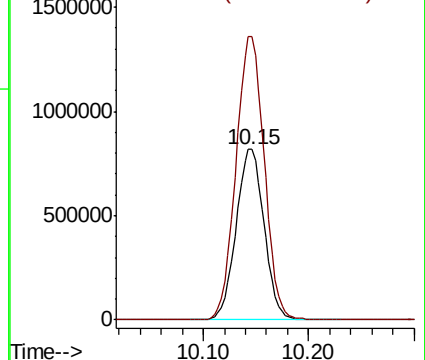
92 100

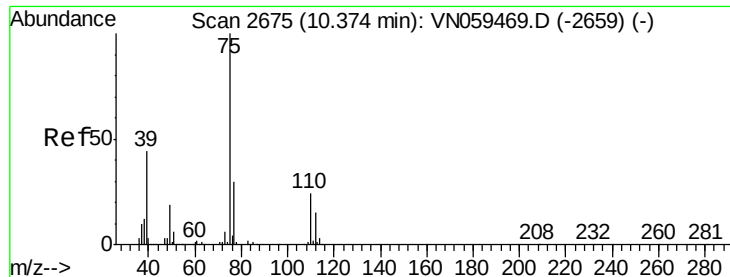
91 168.3 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 0.459 ug/l

RT: 10.45 min Scan# 2698

Delta R.T. 0.07 min

Lab File: VN059483.D

Acq: 4 Dec 2019 13:46

Instrument :

MSVOA_N

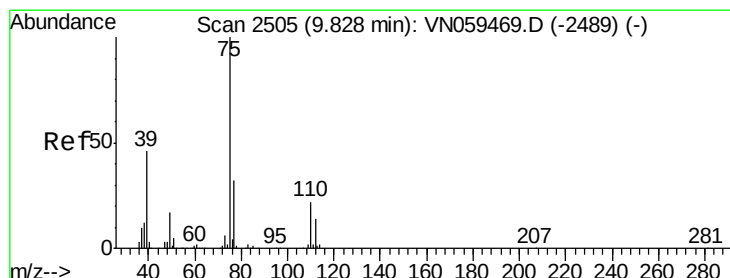
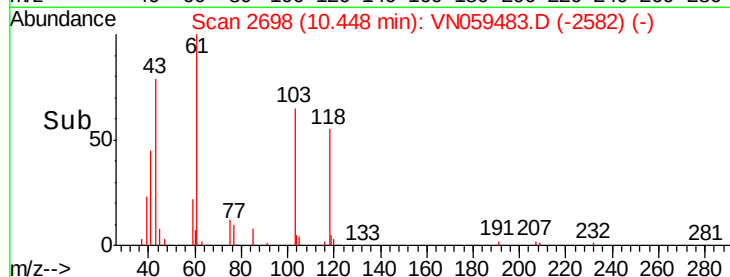
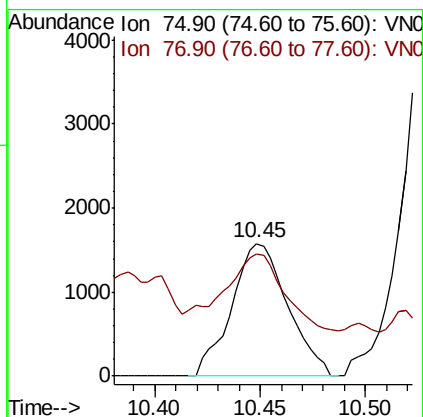
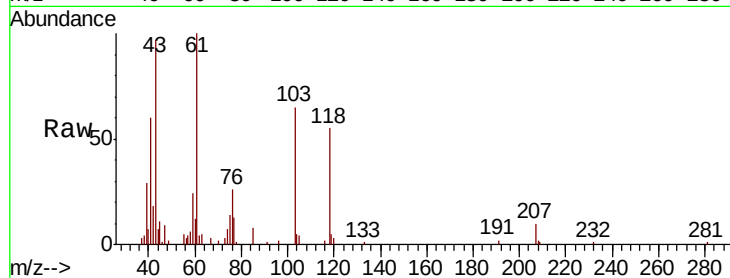
ClientSampled :

Tot Ion: 75 Resp: 2919

Ion Ratio Lower Upper

75 100

77 58.1 25.0 37.6#



#54

cis-1,3-Dichloropropene

Concen: 0.463 ug/l

RT: 9.80 min Scan# 2496

Delta R.T. -0.03 min

Lab File: VN059483.D

Acq: 4 Dec 2019 13:46

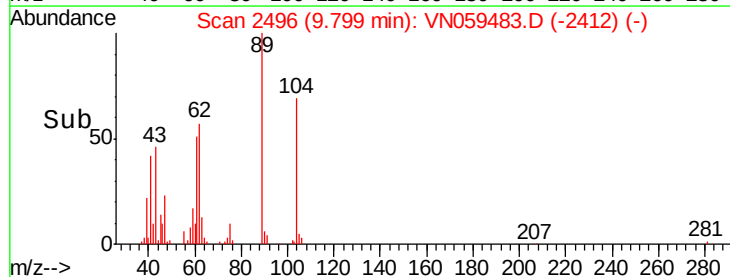
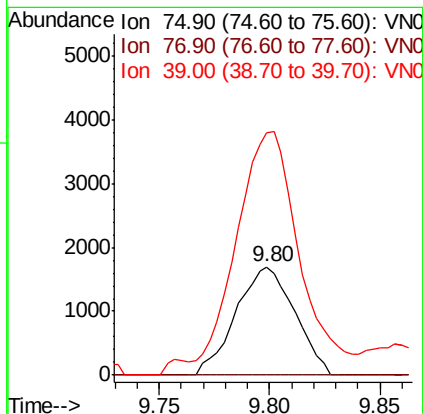
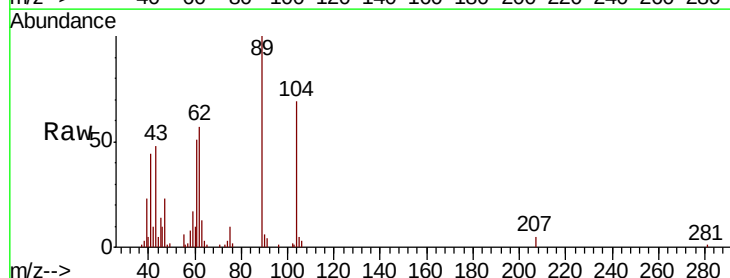
Tgt Ion: 75 Resp: 3123

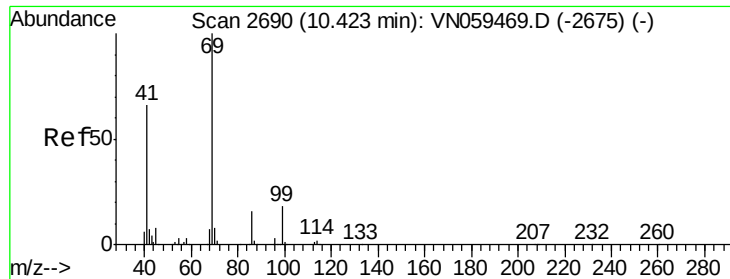
Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

39 211.3 36.6 54.8#





#56

Ethyl methacrylate

Concen: 2.054 ug/l

RT: 10.35 min Scan# 2666

Delta R.T. -0.08 min

Lab File: VN059483.D

Acq: 4 Dec 2019 13:46

Instrument :

MSVOA_N

ClientSampled :

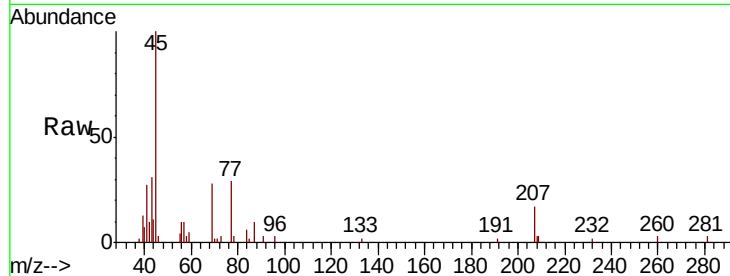
Tot Ion: 69 Resp: 3880

Ion Ratio Lower Upper

69 100

41 91.3 52.7 79.1#

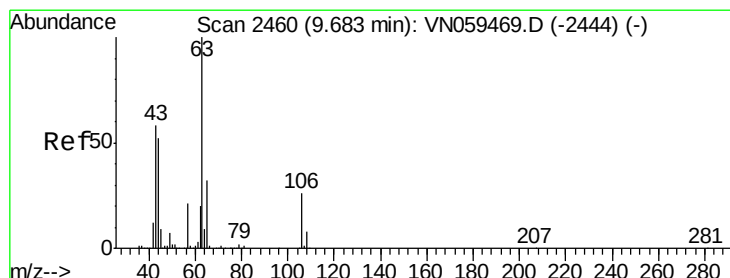
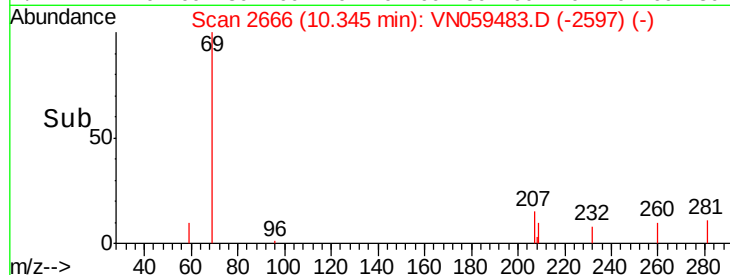
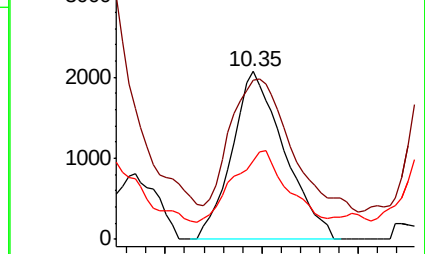
39 0.0 25.0 37.6#



Abundance Ion 69.00 (68.70 to 69.70): VN059483.D (-2597) (-)

Ion 41.00 (40.70 to 41.70): VN059483.D (-2597) (-)

Ion 39.00 (38.70 to 39.70): VN059483.D (-2597) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 17.496 ug/l

RT: 9.80 min Scan# 2495

Delta R.T. 0.11 min

Lab File: VN059483.D

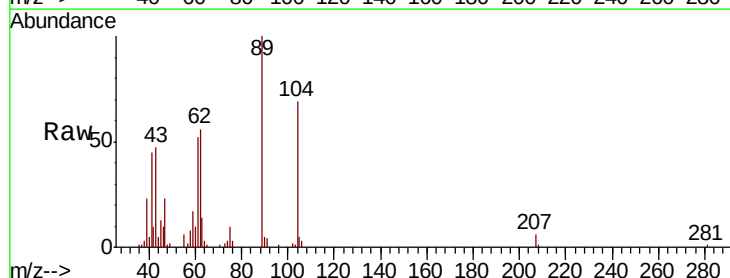
Acq: 4 Dec 2019 13:46

Tgt Ion: 63 Resp: 3855

Ion Ratio Lower Upper

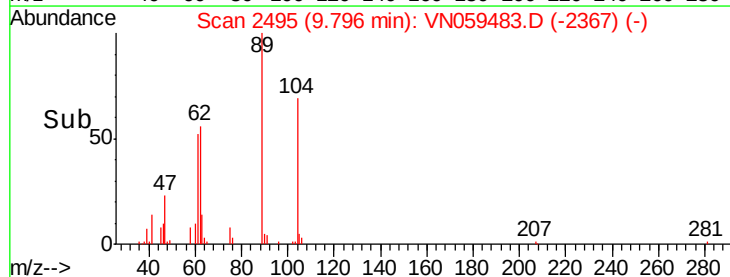
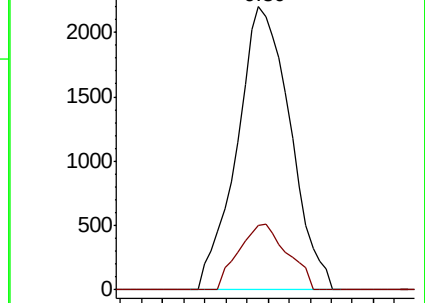
63 100

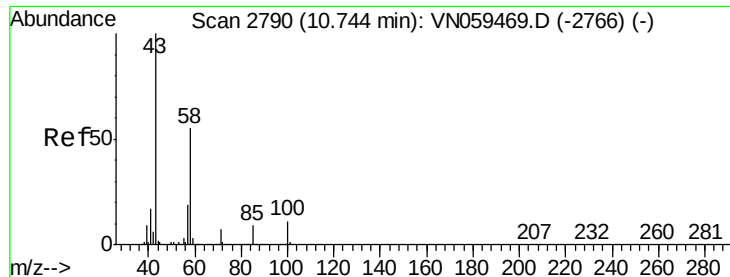
106 21.3 20.4 30.6



Abundance Ion 62.90 (62.60 to 63.60): VN059483.D (-2367) (-)

Ion 105.90 (105.60 to 106.60): VN059483.D (-2367) (-)

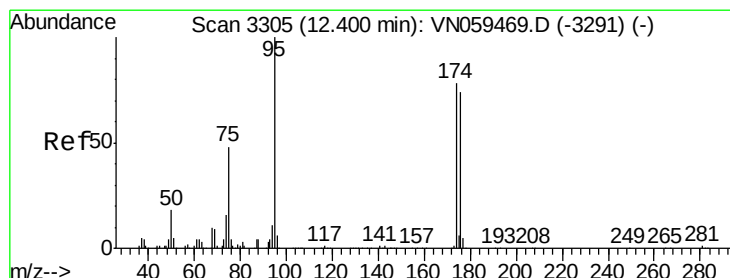
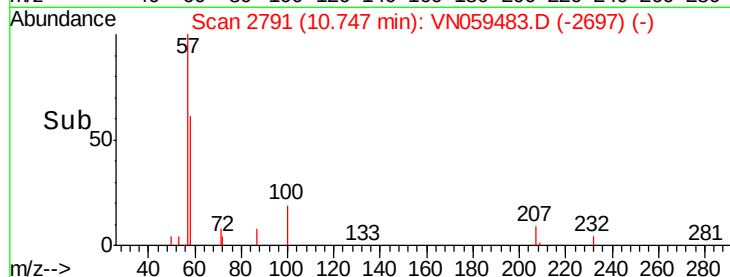
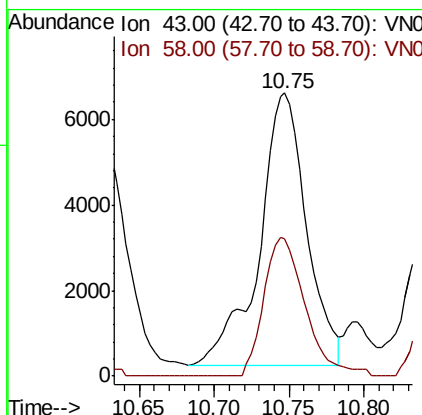
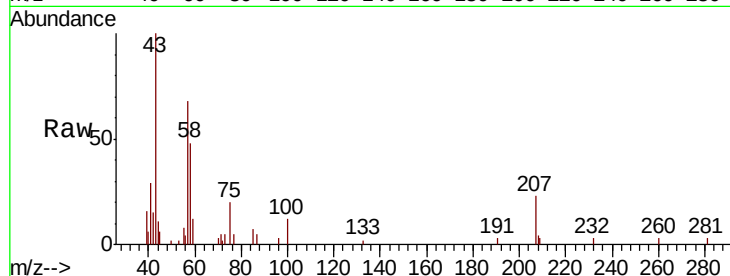




#59
2-Hexanone
Concen: 3.378 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059483.D
Acq: 4 Dec 2019 13:46

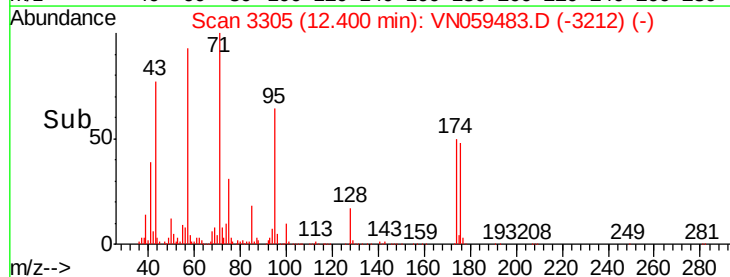
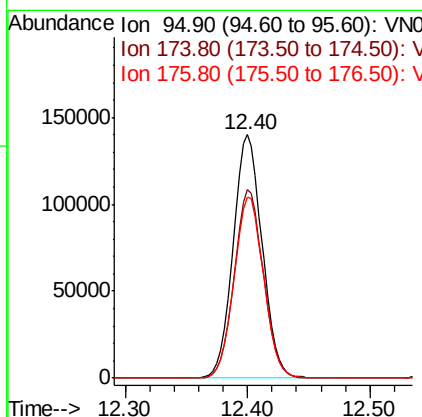
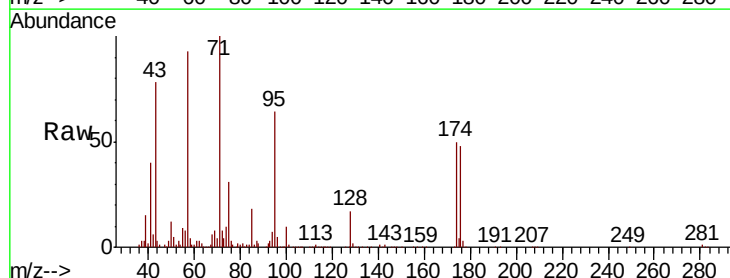
Instrument :
MSVOA_N
ClientSampled :

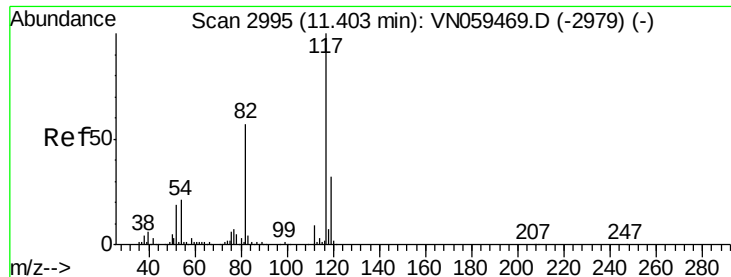
Tot Ion: 43 Resp: 13873
Ion Ratio Lower Upper
43 100
58 45.1 27.7 83.0



#62
4-Bromofluorobenzene
Concen: 50.544 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059483.D
Acq: 4 Dec 2019 13:46

Tgt Ion: 95 Resp: 230503
Ion Ratio Lower Upper
95 100
174 77.8 0.0 157.0
176 75.9 0.0 152.4

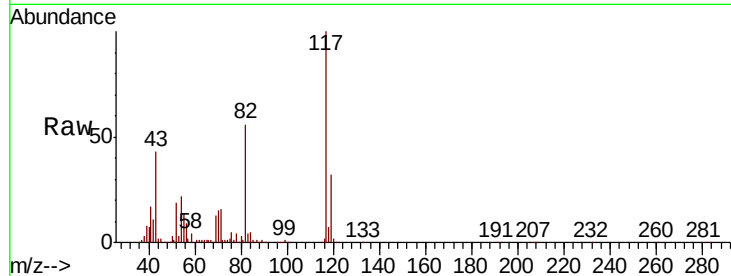




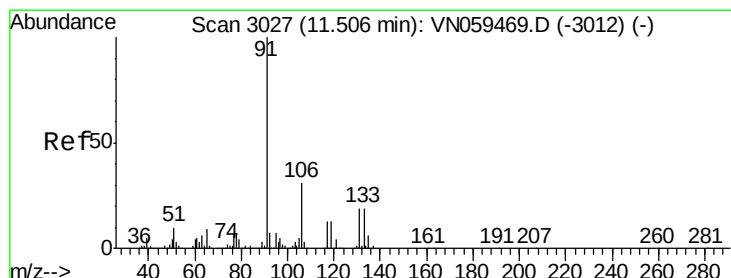
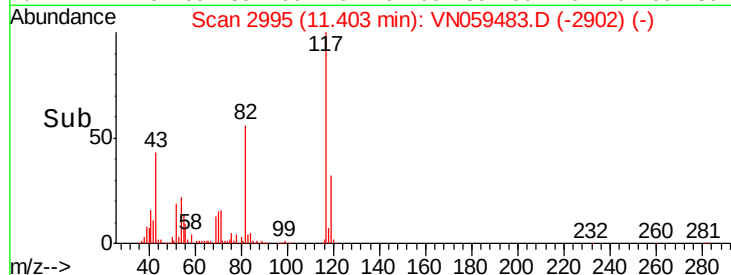
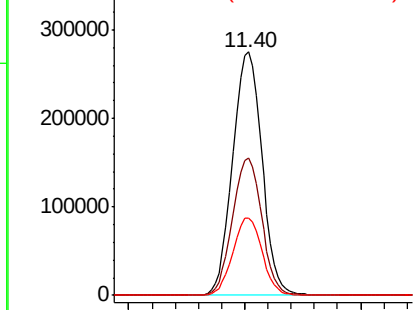
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059483.D
Acq: 4 Dec 2019 13:46

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 481626
Ion Ratio Lower Upper
117 100
82 56.3 45.8 68.8
119 32.0 25.4 38.0

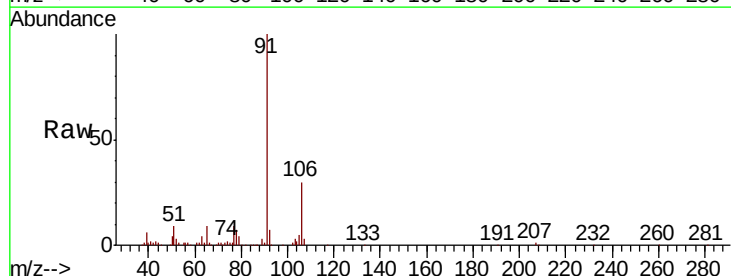


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

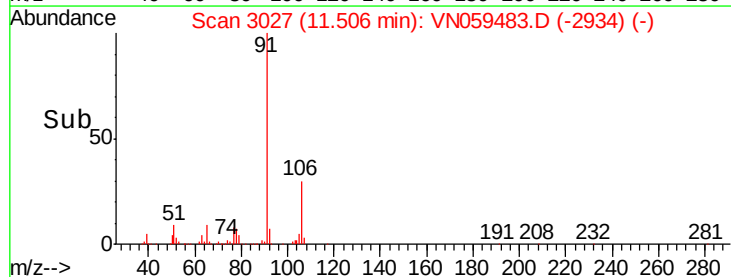
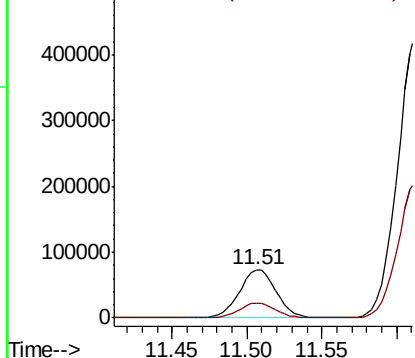


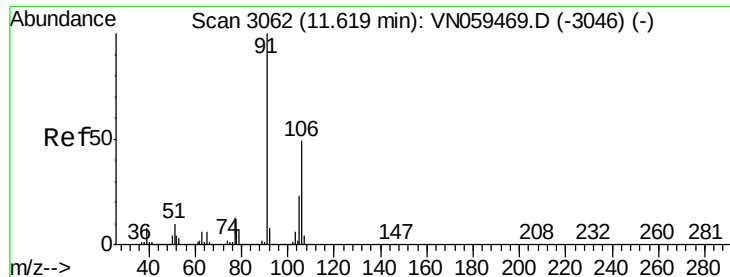
#67
Ethyl Benzene
Concen: 6.771 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059483.D
Acq: 4 Dec 2019 13:46

Tgt Ion: 91 Resp: 124907
Ion Ratio Lower Upper
91 100
106 30.5 24.7 37.1



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

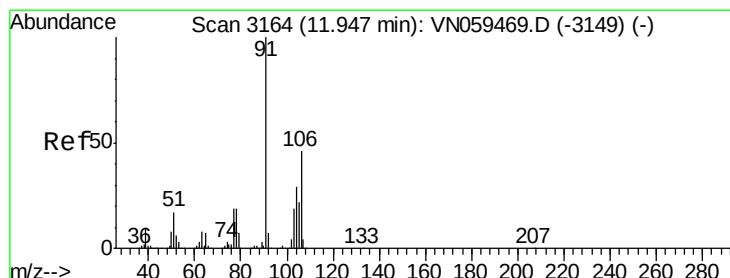
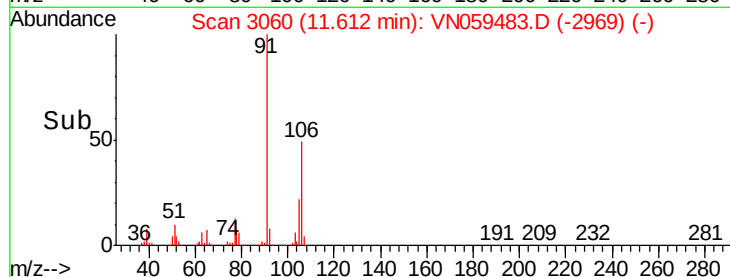
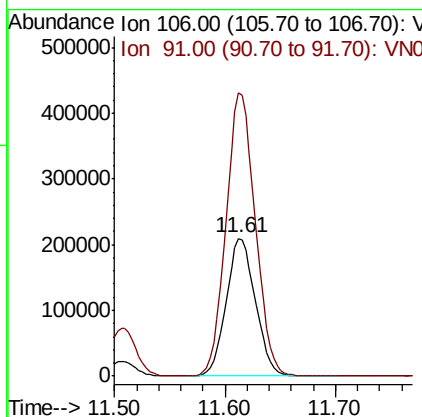
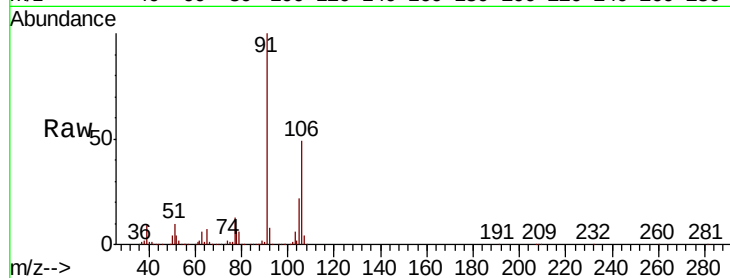




#68
m/p-Xylenes
Concen: 55.878 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.01 min
Lab File: VN059483.D
Acq: 4 Dec 2019 13:46

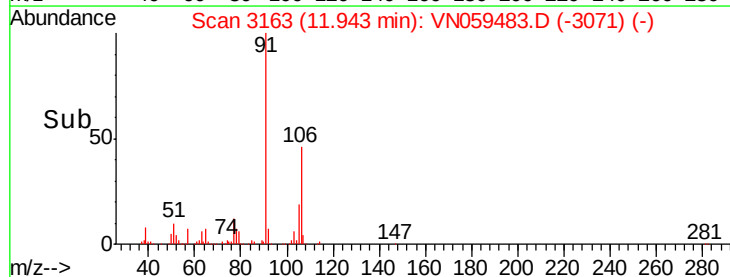
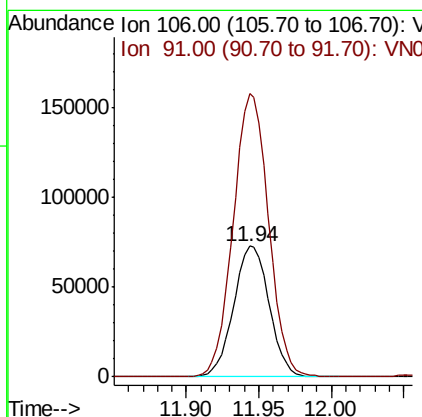
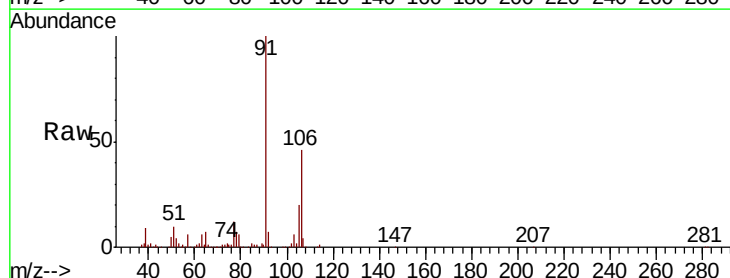
Instrument :
MSVOA_N
ClientSampleId :

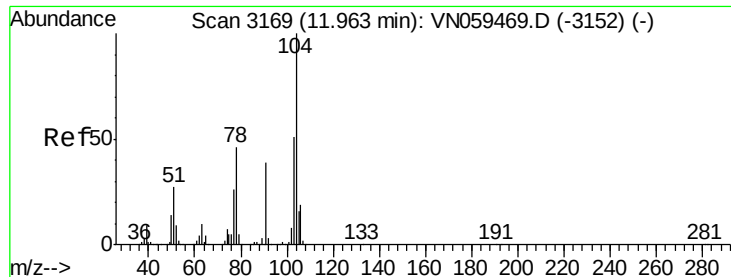
Tot Ion:106 Resp: 383817
Ion Ratio Lower Upper
106 100
91 205.9 162.2 243.4



#69
o-Xylene
Concen: 18.898 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059483.D
Acq: 4 Dec 2019 13:46

Tgt Ion:106 Resp: 123585
Ion Ratio Lower Upper
106 100
91 216.2 108.5 325.3

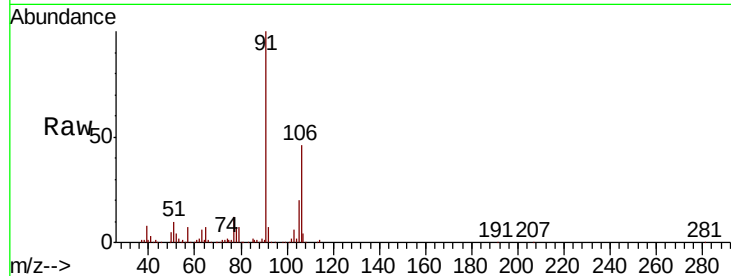




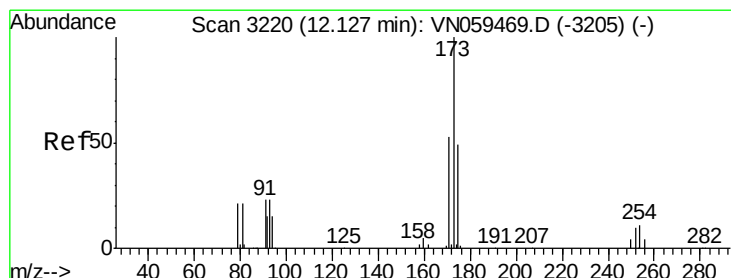
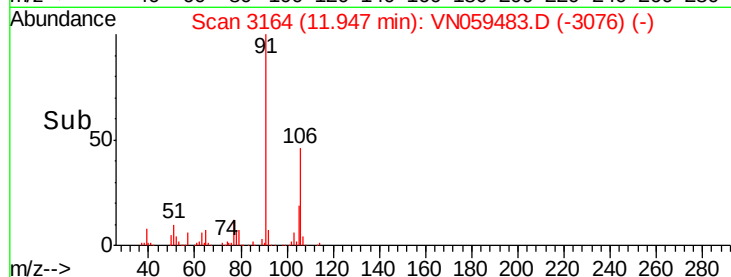
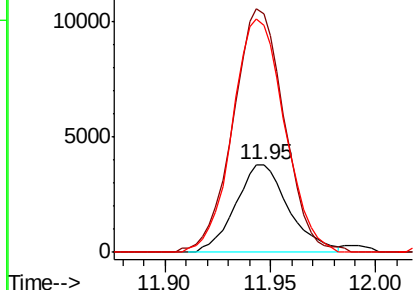
#70
Stvrene
Concen: 0.638 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.02 min
Lab File: VN059483.D
Acq: 4 Dec 2019 13:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:104 Resp: 6660
Ion Ratio Lower Upper
104 100
78 267.0 41.0 61.4#
103 260.7 44.7 67.1#

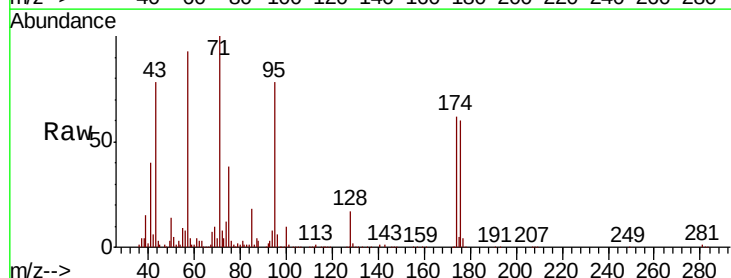


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

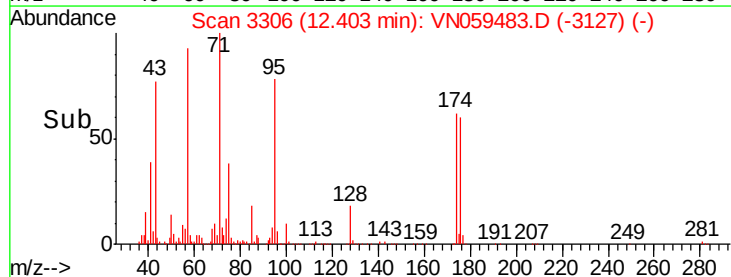
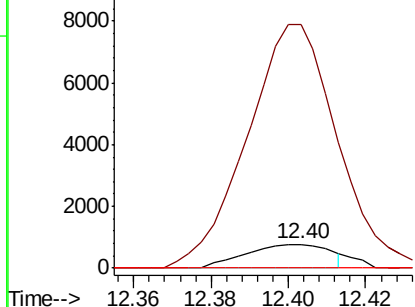


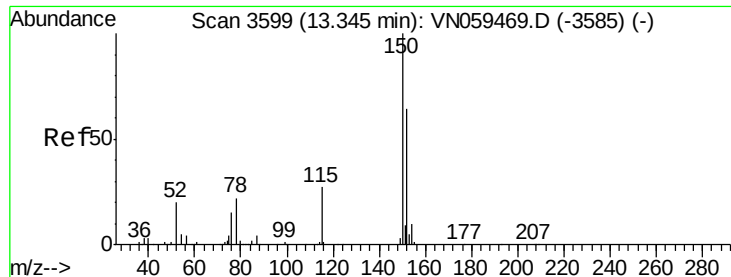
#71
Bromoform
Concen: 0.397 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN059483.D
Acq: 4 Dec 2019 13:46

Tgt Ion:173 Resp: 1170
Ion Ratio Lower Upper
173 100
175 973.6 24.3 73.0#
254 0.0 0.0 0.0



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: VN059483.D

Acq: 4 Dec 2019 13:46

Instrument :

MSVOA_N

ClientSampleId :

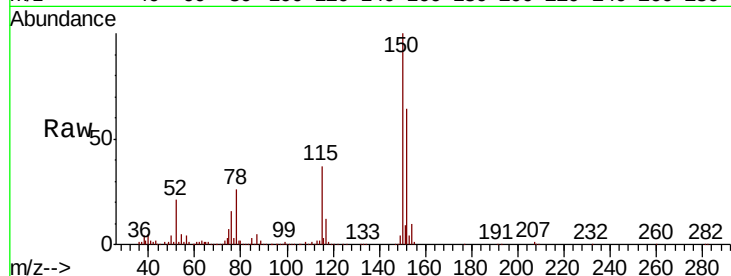
Tot Ion:152 Resp: 206414

Ion Ratio Lower Upper

152 100

115 59.2 29.2 87.6

150 158.8 0.0 352.8

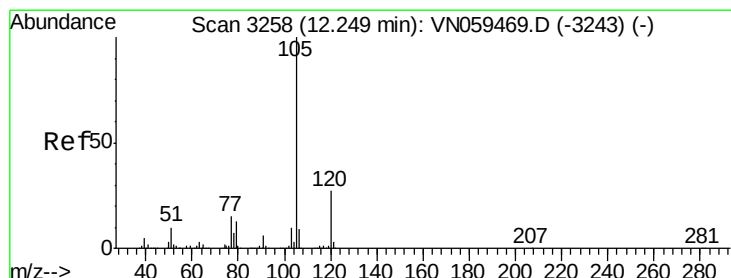
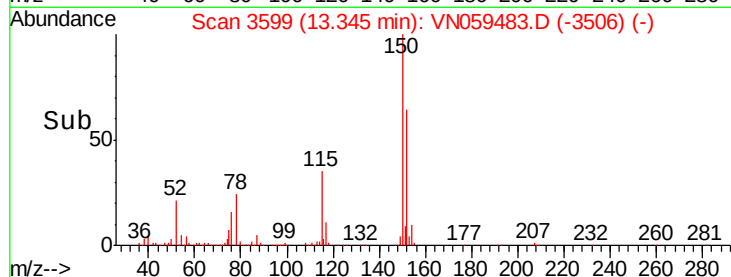
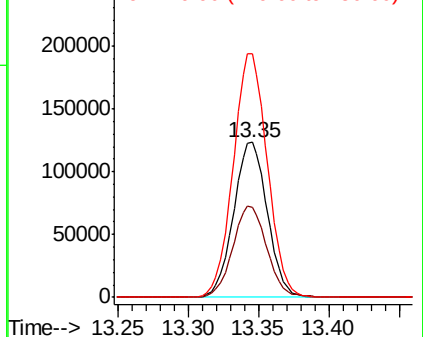


Abundance

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: 0.993 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059483.D

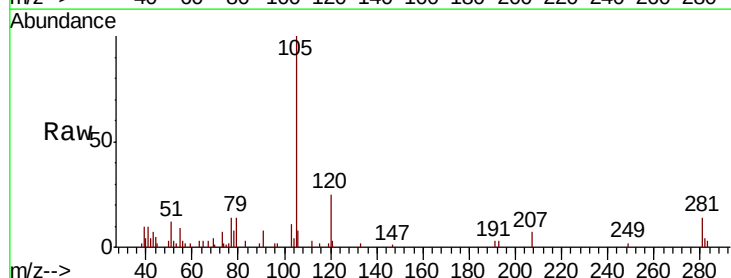
Acq: 4 Dec 2019 13:46

Tgt Ion:105 Resp: 16442

Ion Ratio Lower Upper

105 100

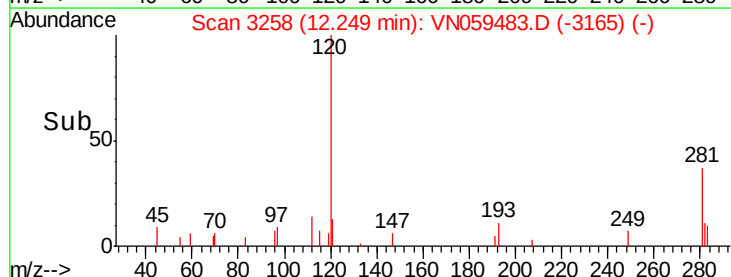
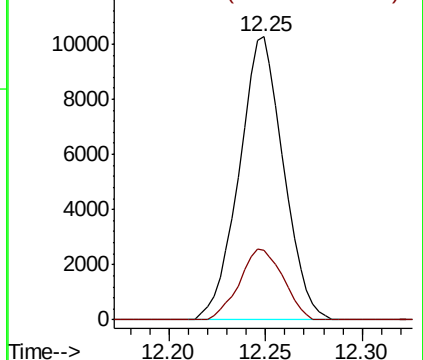
120 24.6 13.2 39.6

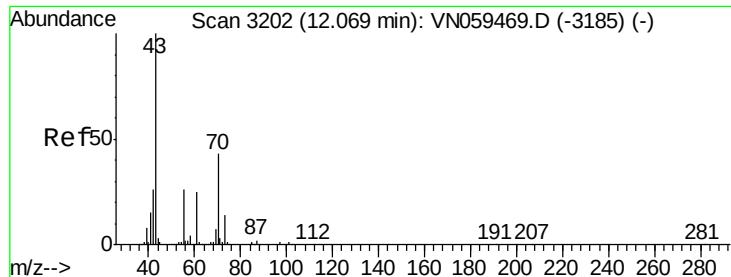


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 13.235 ug/l

RT: 11.99 min Scan# 3179

Delta R.T. -0.07 min

Lab File: VN059483.D

Acq: 4 Dec 2019 13:46

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 88249

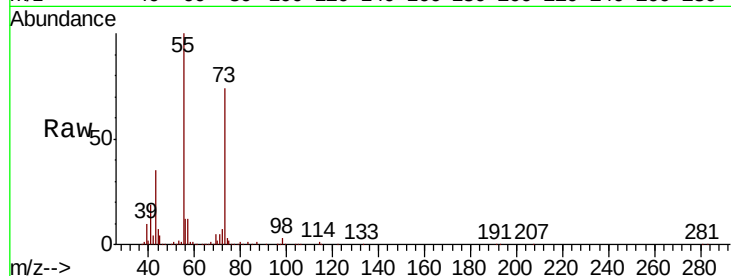
Ion Ratio Lower Upper

43 100

70 4.7 34.2 51.2#

55 234.1 20.6 31.0#

61 0.3 19.3 28.9#



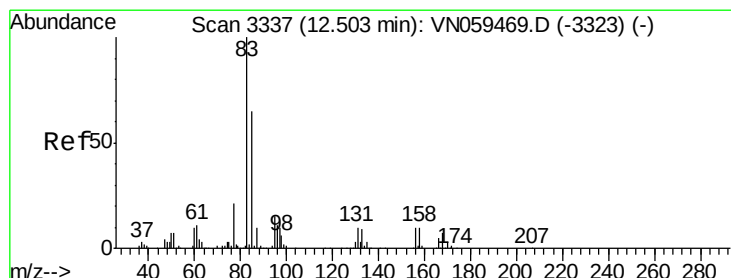
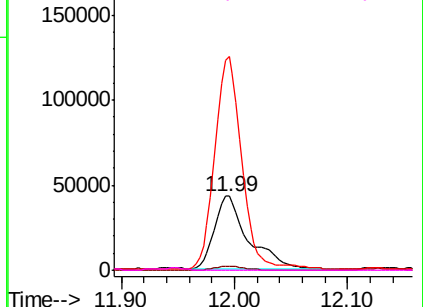
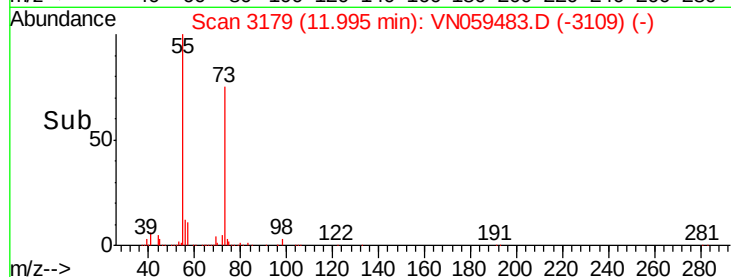
Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 4.075 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.04 min

Lab File: VN059483.D

Acq: 4 Dec 2019 13:46

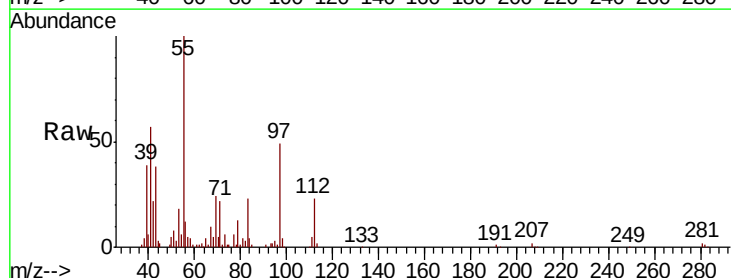
Tgt Ion: 83 Resp: 21638

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

85 0.0 32.2 96.6#

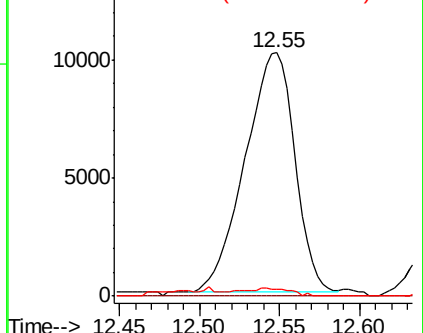
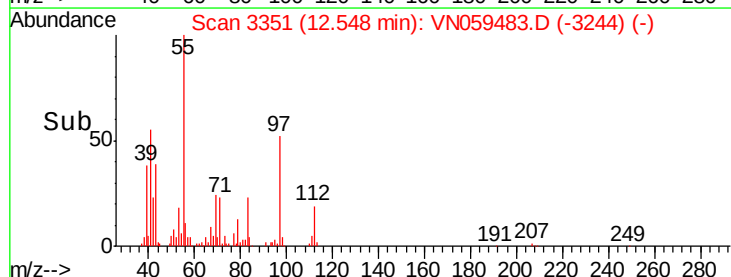


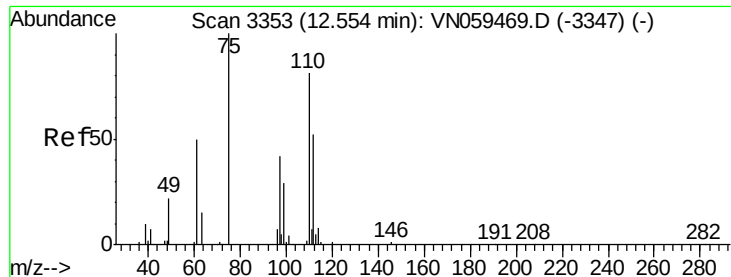
Abundance

Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 22.016 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN059483.D

Acq: 4 Dec 2019 13:46

Instrument :

MSVOA_N

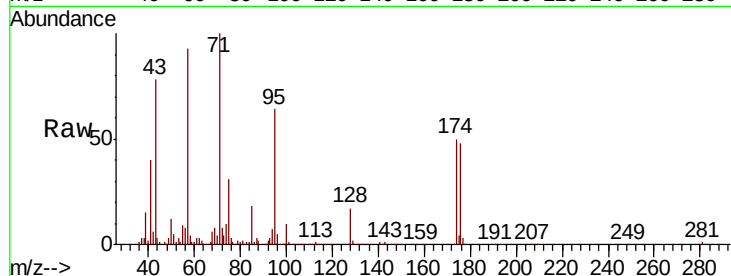
ClientSampleId :

Tot Ion: 75 Resp: 112993

Ion Ratio Lower Upper

75 100

77 2.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

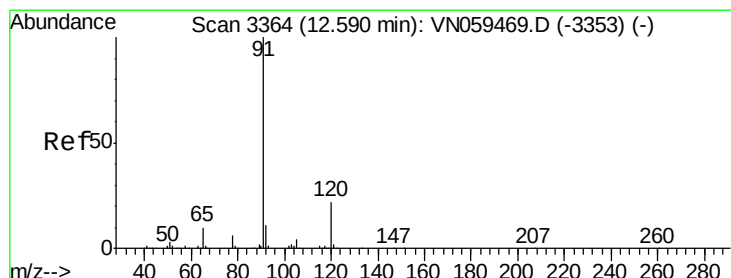
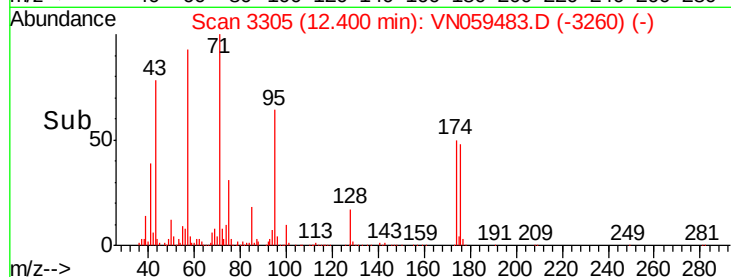
60000

40000

20000

0

Time--> 12.30 12.40 12.50



#78

n-propylbenzene

Concen: 0.839 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059483.D

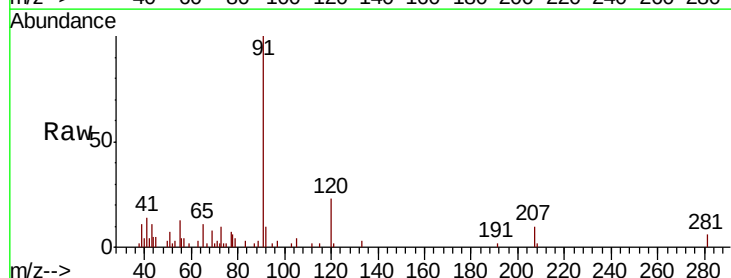
Acq: 4 Dec 2019 13:46

Tgt Ion: 91 Resp: 16166

Ion Ratio Lower Upper

91 100

120 23.4 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

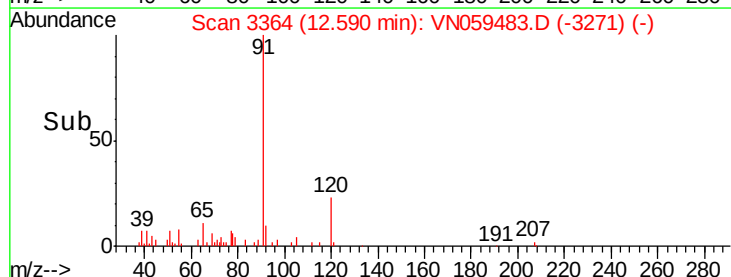
15000

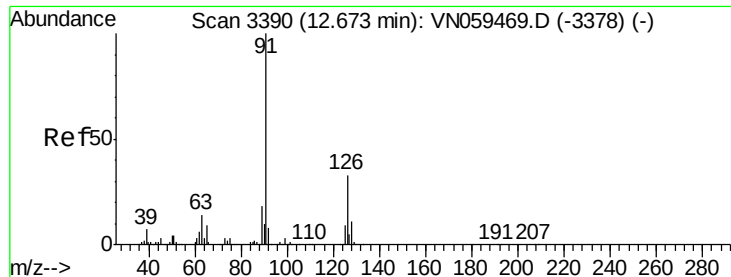
10000

5000

0

Time--> 12.50 12.55 12.60 12.65

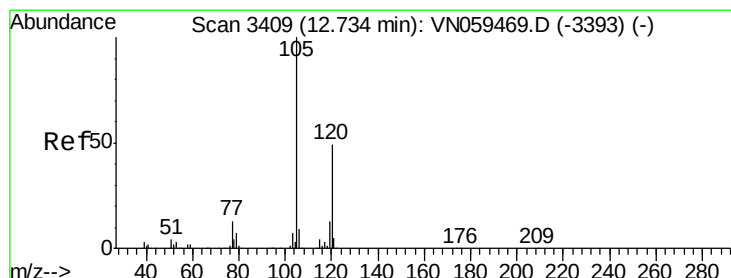
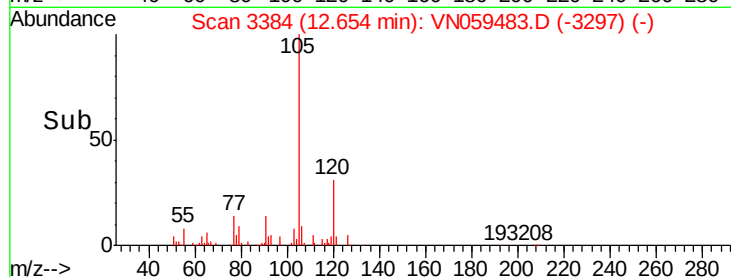
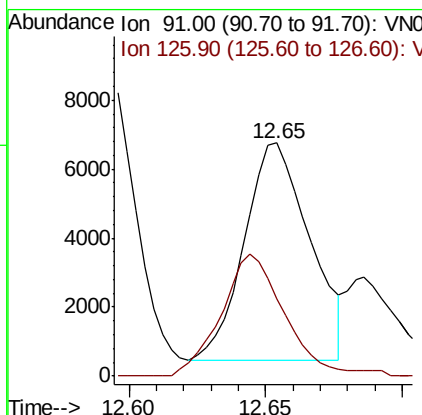
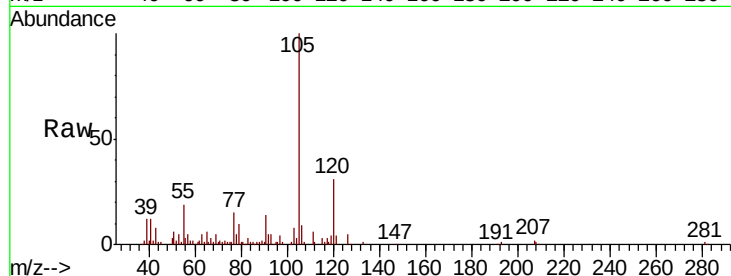




#79
 2-Chlorotoluene
 Concen: 0.903 ug/l
 RT: 12.65 min Scan# 3384
 Delta R.T. -0.02 min
 Lab File: VN059483.D
 Acq: 4 Dec 2019 13:46

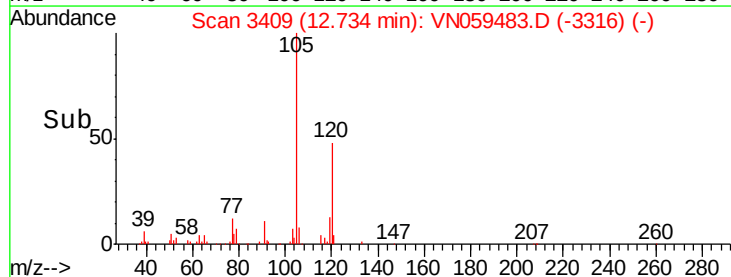
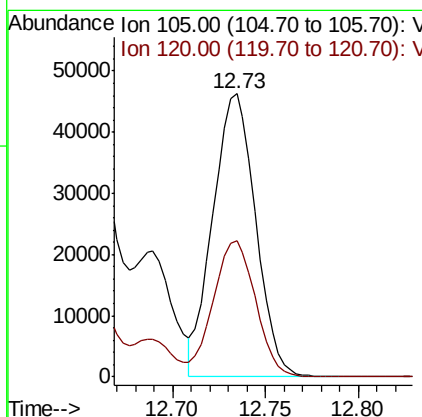
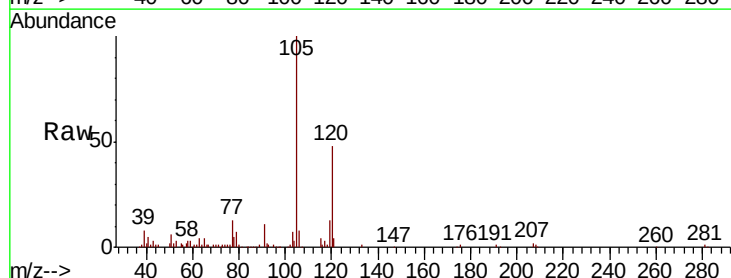
Instrument :
 MSVOA_N
 ClientSampled :

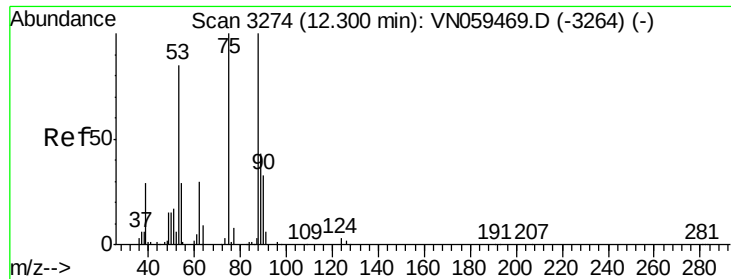
Tot Ion: 91 Resp: 10482
 Ion Ratio Lower Upper
 91 100
 126 54.9 16.6 49.8#



#80
 1,3,5-Trimethylbenzene
 Concen: 5.363 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: VN059483.D
 Acq: 4 Dec 2019 13:46

Tgt Ion: 105 Resp: 74193
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 57.778 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059483.D

Acq: 4 Dec 2019 13:46

Instrument :

MSVOA_N

ClientSampled :

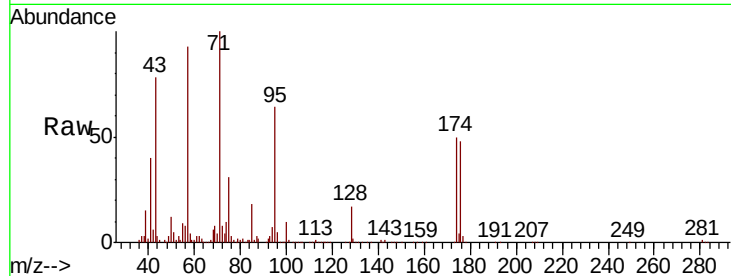
Tot Ion: 75 Resp: 112993

Ion Ratio Lower Upper

75 100

53 10.2 69.8 104.6#

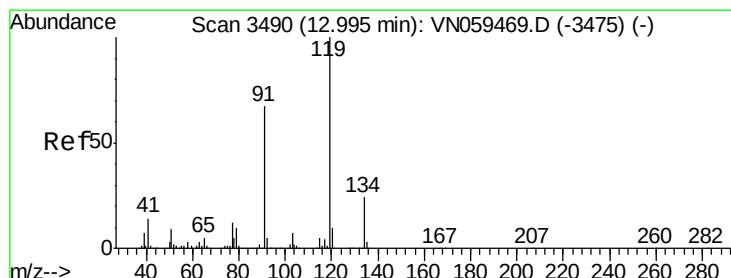
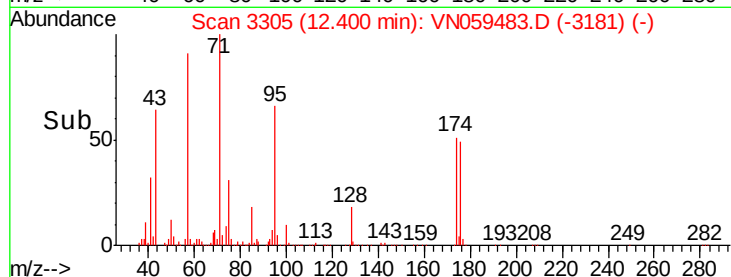
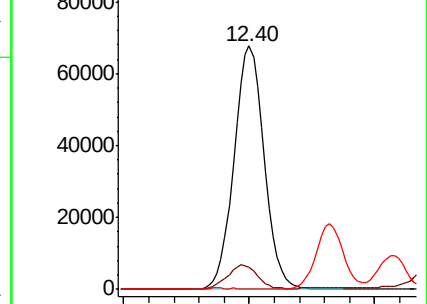
89 0.0 35.2 52.8#



Abundance Ion 74.90 (74.60 to 75.60): VN059469.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN059469.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN059469.D (-3264) (-)



#83

tert-Butylbenzene

Concen: 1.351 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.04 min

Lab File: VN059483.D

Acq: 4 Dec 2019 13:46

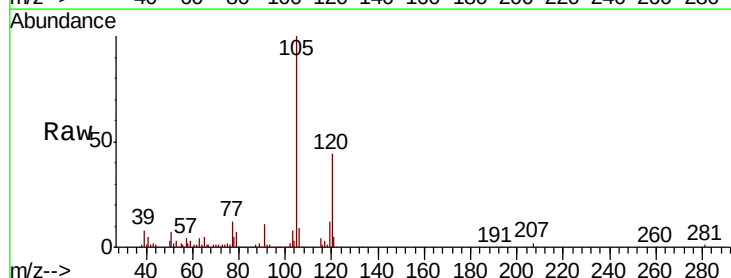
Tgt Ion: 119 Resp: 16222

Ion Ratio Lower Upper

119 100

91 92.1 32.6 97.7

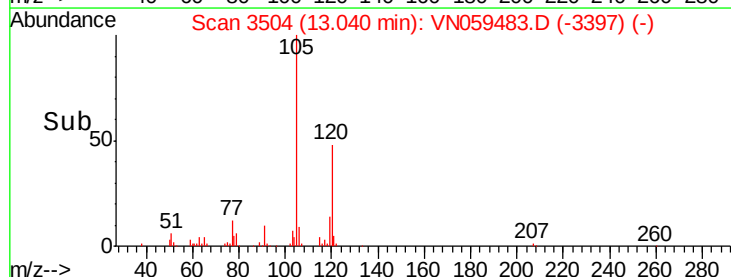
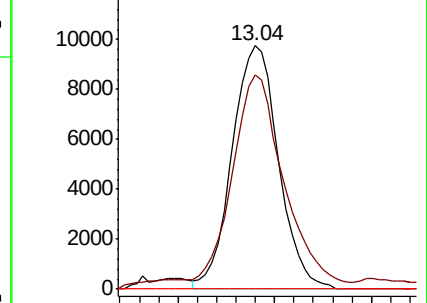
134 0.0 12.6 37.6#

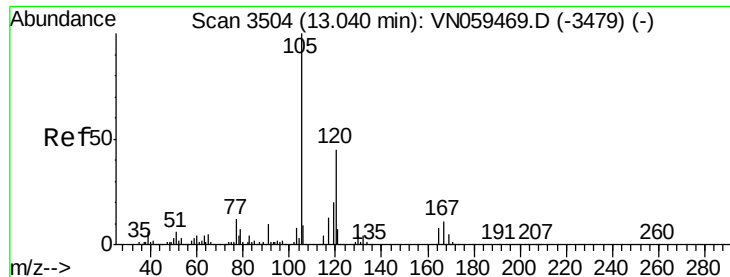


Abundance Ion 119.00 (118.70 to 119.70): VN059469.D (-3475) (-)

Ion 91.00 (90.70 to 91.70): VN059469.D (-3475) (-)

Ion 134.00 (133.70 to 134.70): VN059469.D (-3475) (-)

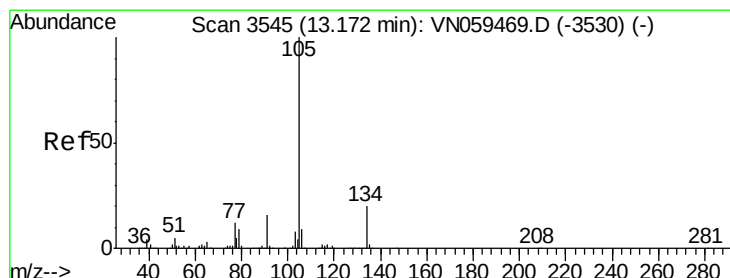
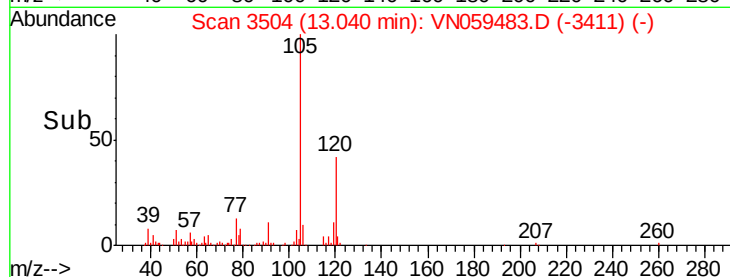
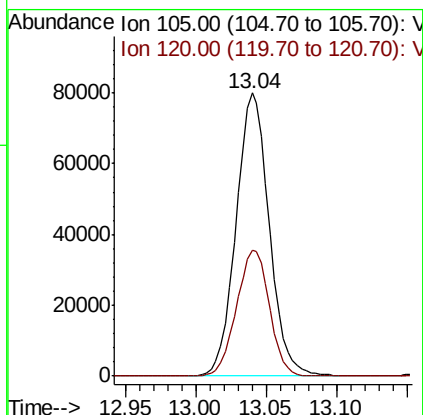
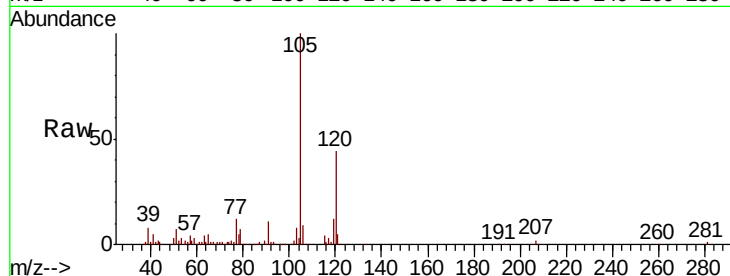




#84
 1,2,4-Trimethylbenzene
 Concen: 9.740 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN059483.D
 Acq: 4 Dec 2019 13:46

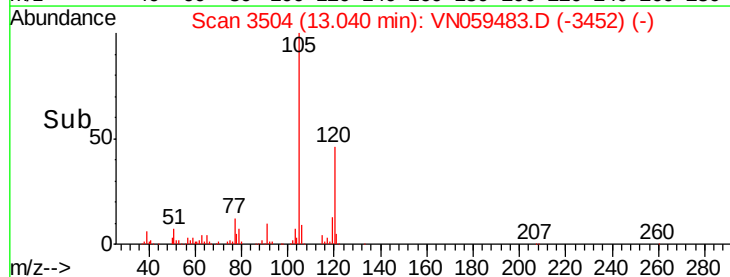
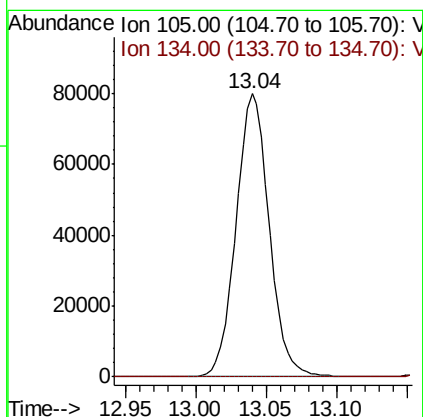
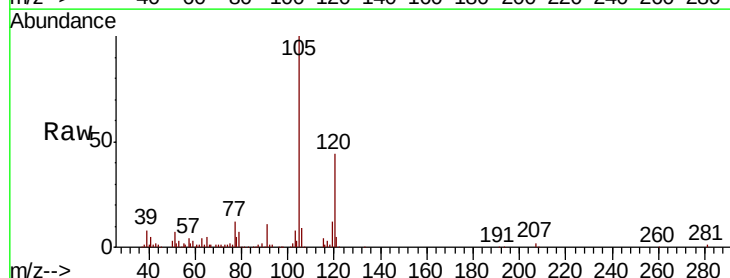
Instrument :
 MSVOA_N
 ClientSampleId :

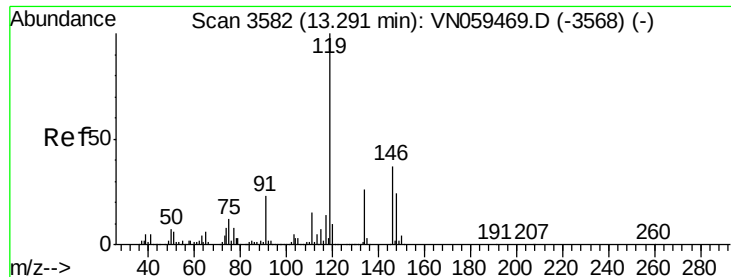
Tot Ion:105 Resp: 131682
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 8.273 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN059483.D
 Acq: 4 Dec 2019 13:46

Tgt Ion:105 Resp: 131682
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.5#

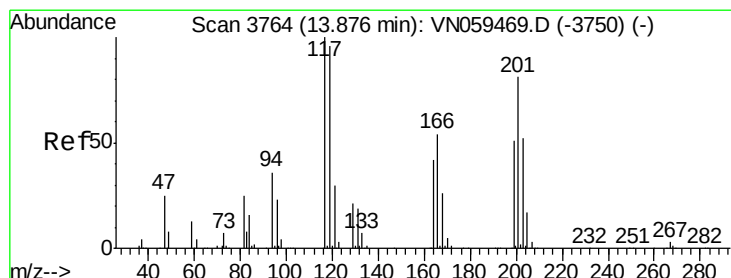
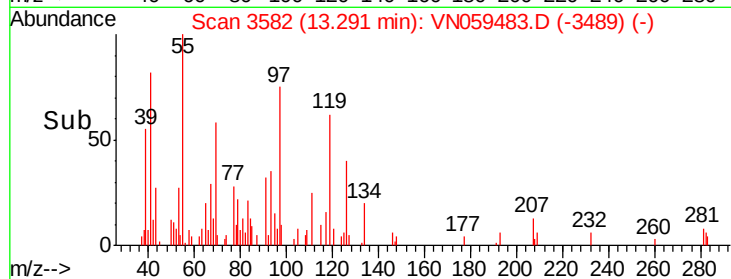
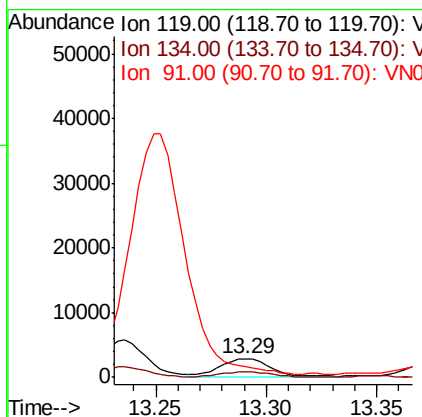
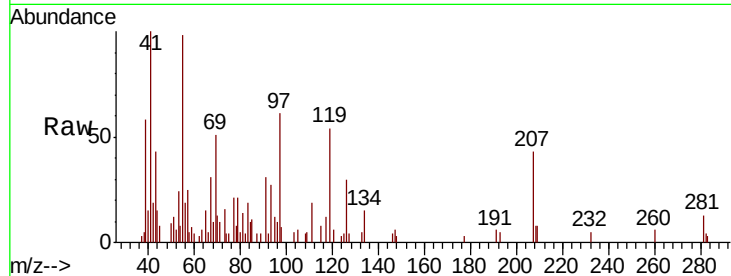




#86
 p-Isopropyltoluene
 Concen: 0.329 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN059483.D
 Acq: 4 Dec 2019 13:46

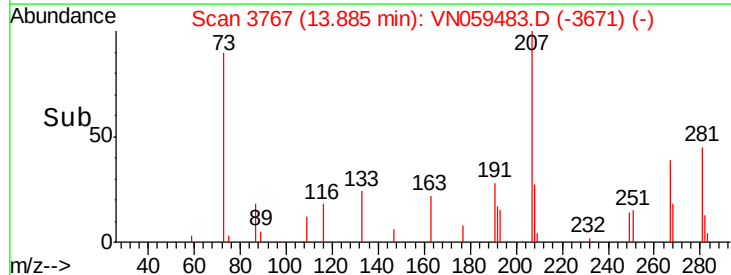
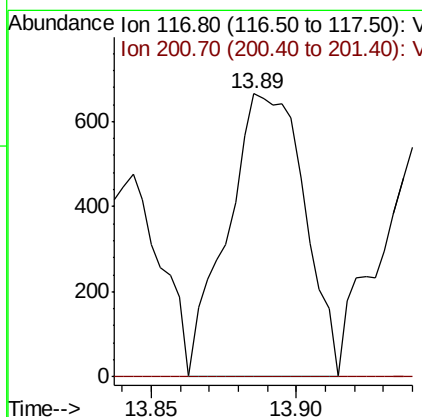
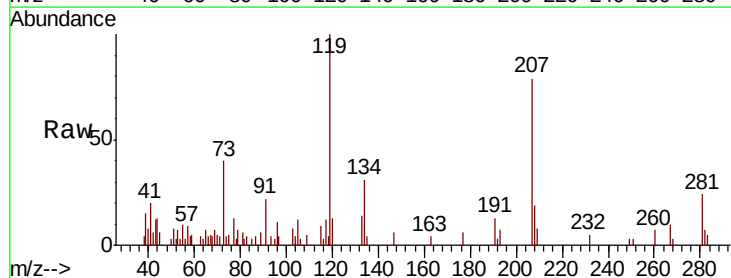
Instrument :
 MSVOA_N
 ClientSampleId :

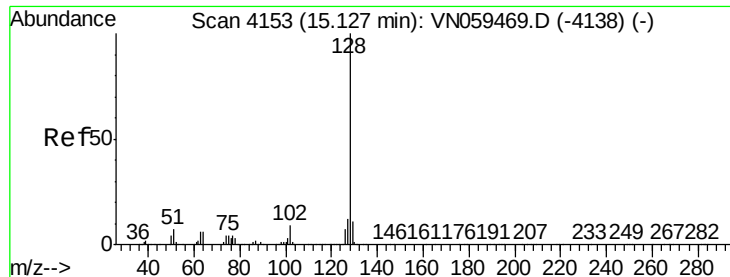
Tot Ion:119 Resp: 4699
 Ion Ratio Lower Upper
 119 100
 134 28.7 13.1 39.3
 91 0.0 11.7 35.1#



#90
 Hexachloroethane
 Concen: 0.443 ug/l
 RT: 13.89 min Scan# 3767
 Delta R.T. 0.01 min
 Lab File: VN059483.D
 Acq: 4 Dec 2019 13:46

Tgt Ion:117 Resp: 1219
 Ion Ratio Lower Upper
 117 100
 201 0.0 40.6 122.0#

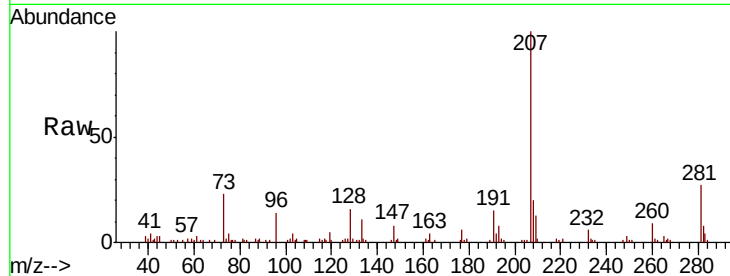




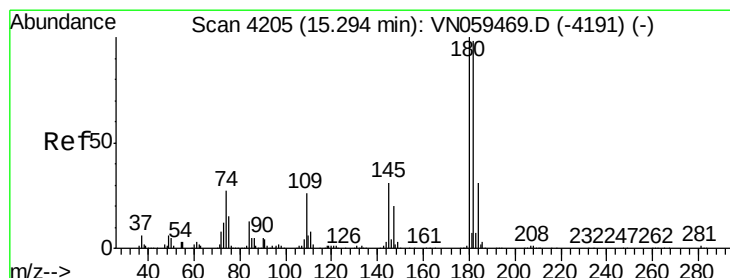
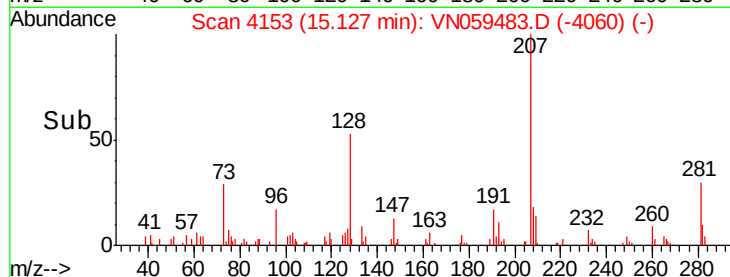
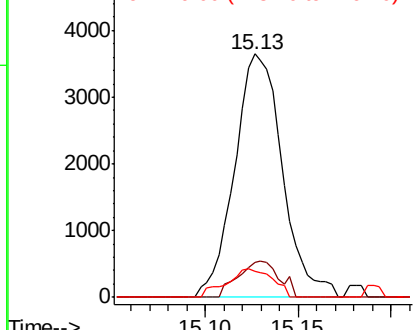
#95
Naphthalene
Concen: 2.957 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN059483.D
Acq: 4 Dec 2019 13:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 6544
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.3 8.8 13.2

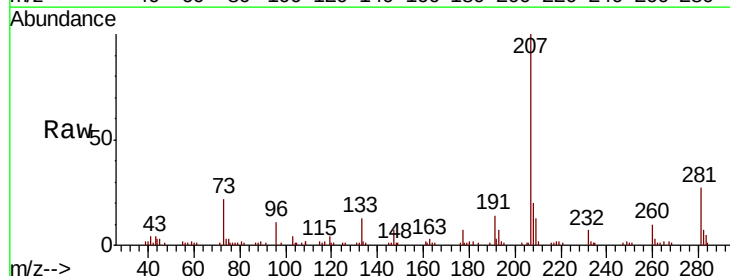


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 2.194 ug/l
RT: 15.29 min Scan# 4204
Delta R.T. -0.00 min
Lab File: VN059483.D
Acq: 4 Dec 2019 13:46

Tgt Ion:180 Resp: 1019
Ion Ratio Lower Upper
180 100
182 95.9 48.5 145.5
145 88.2 16.1 48.2#



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

