

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121819\
 Data File : VN059660.D
 Acq On : 18 Dec 2019 19:22
 Operator : JC/SP
 Sample : K6329-01ME
 Misc : 6.37µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 19 04:31:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	275600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	459238	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	331597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	149146	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	183571	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	
35) Dibromofluoromethane	7.57	113	128652	44.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.54%	
50) Toluene-d8	10.08	98	479824	42.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.36%	
62) 4-Bromofluorobenzene	12.40	95	170631	41.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.22%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.71	59	3666	4.986	ug/l #	72
16) Acetone	3.81	43	7101	2.982	ug/l	98
17) Carbon Disulfide	4.01	76	3634	2.218	ug/l #	75
18) Methyl Acetate	4.30	43	9553	1.915	ug/l	98
20) Methylene Chloride	4.51	84	689	0.200	ug/l #	70
25) 2-Butanone	6.82	43	5686	1.997	ug/l	98
31) Cyclohexane	7.61	56	14597	2.493	ug/l #	68
36) 1,1-Dichloropropene	7.64	75	19767	4.127	ug/l #	50
37) Ethyl Acetate	6.82	43	5686	1.022	ug/l #	70
38) Carbon Tetrachloride	7.64	117	24795	4.989	ug/l #	16
39) Methylcyclohexane	9.06	83	53795	9.903	ug/l #	78
40) Benzene	8.02	78	3296	0.235	ug/l	97
43) Isopropyl Acetate	8.12	43	17409	2.012	ug/l #	56
47) Bromodichloromethane	9.36	83	15044	3.047	ug/l #	25
48) Methyl methacrylate	9.21	41	960	0.245	ug/l #	13
51) 4-Methyl-2-Pentanone	10.01	43	4851	0.940	ug/l #	68
54) cis-1,3-Dichloropropene	9.58	75	2455	0.409	ug/l #	47
55) 1,1,2-Trichloroethane	10.52	97	74035	21.940	ug/l #	18
56) Ethyl methacrylate	10.42	69	27039	5.397	ug/l #	1
59) 2-Hexanone	10.71	43	181787	44.703	ug/l #	31
68) m/p-Xylenes	11.62	106	1169	0.244	ug/l #	20
73) Isopropylbenzene	12.25	105	5984	0.511	ug/l	93
74) N-amyl acetate	12.04	43	190345	35.443	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.48	83	13098	3.527	ug/l #	84
76) 1,2,3-Trichloropropane	12.40	75	86519	23.433	ug/l #	100
78) n-propylbenzene	12.59	91	10599	0.766	ug/l	86
81) trans-1,4-Dichloro-2-buten	12.40	75	86519	57.877	ug/l #	13
82) 4-Chlorotoluene	12.98	91	4300	0.502	ug/l	95
83) tert-Butylbenzene	12.99	119	1871	0.223	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.04	105	2251	0.228	ug/l	92
86) p-Isopropyltoluene	13.44	119	10079	0.997	ug/l	96
89) n-Butylbenzene	13.61	91	11872	1.253	ug/l #	70
90) Hexachloroethane	13.88	117	2683	1.404	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.28	75	773	2.337	ug/l #	6

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 19 04:31:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration

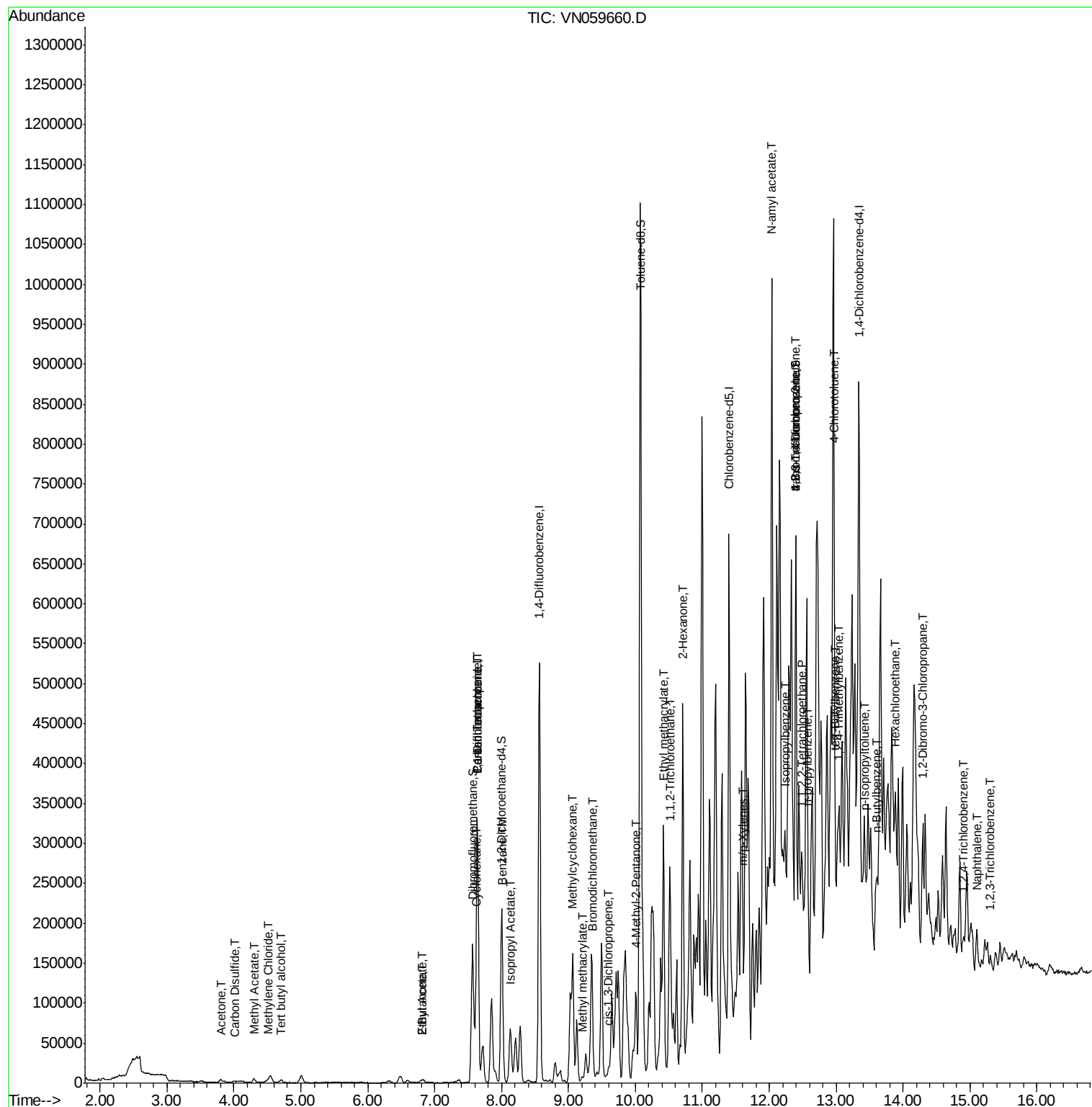
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	718	0.213	ug/l #	1
95) Naphthalene	15.12	128	4463	0.443	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.29	180	959	0.281	ug/l #	75

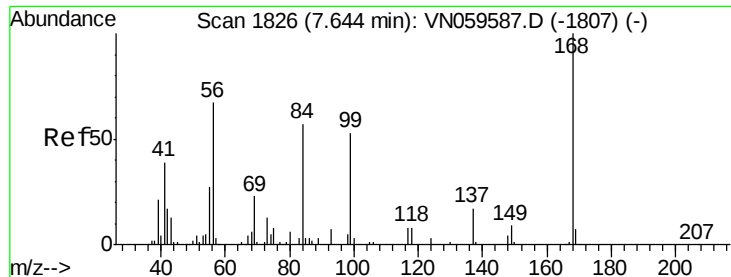
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN059660.D

Acq: 18 Dec 2019 19:22

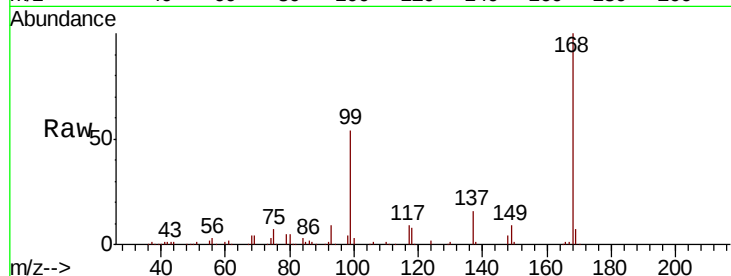
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 275600

Ion Ratio Lower Upper

168 100

99 53.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

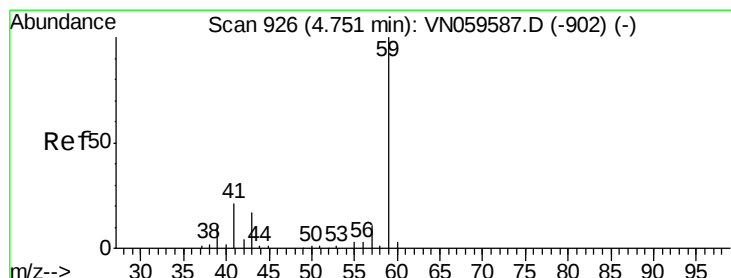
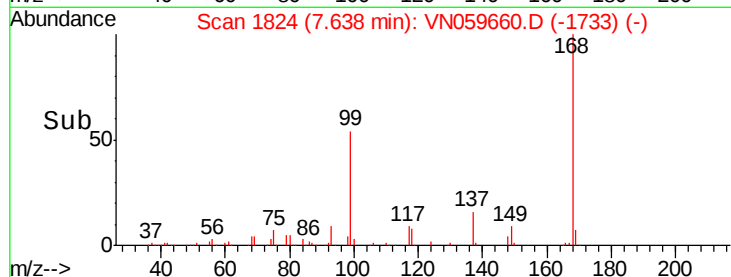
7.64

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 4.986 ug/l

RT: 4.71 min Scan# 913

Delta R.T. -0.04 min

Lab File: VN059660.D

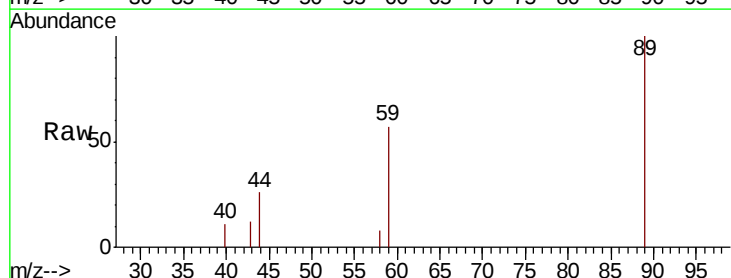
Acq: 18 Dec 2019 19:22

Tgt Ion: 59 Resp: 3666

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.71

1200

1000

800

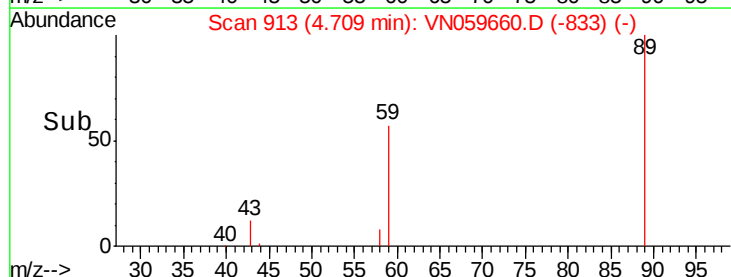
600

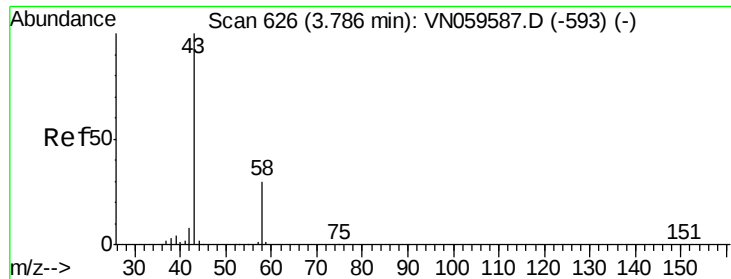
400

200

0

Time--> 4.60 4.65 4.70 4.75 4.80





#16

Acetone

Concen: 2.982 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.02 min

Lab File: VN059660.D

Acq: 18 Dec 2019 19:22

Instrument :

MSVOA_N

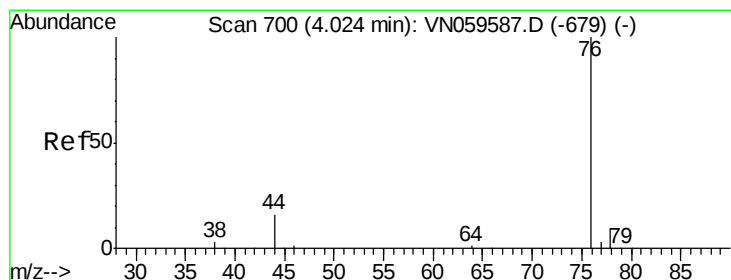
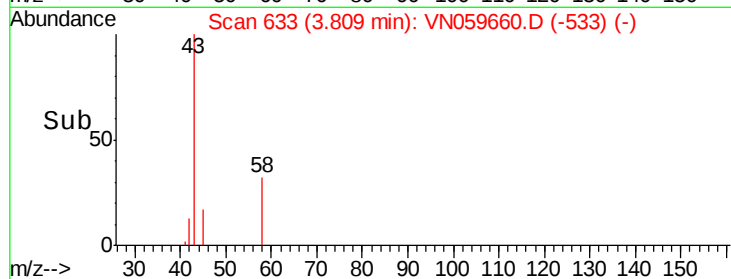
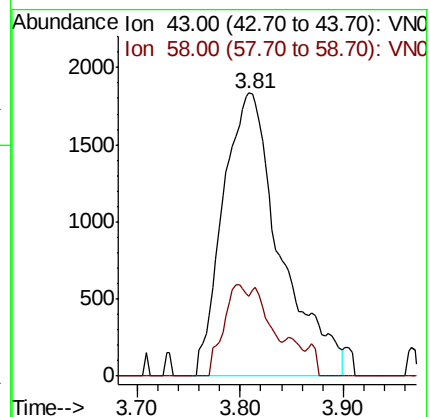
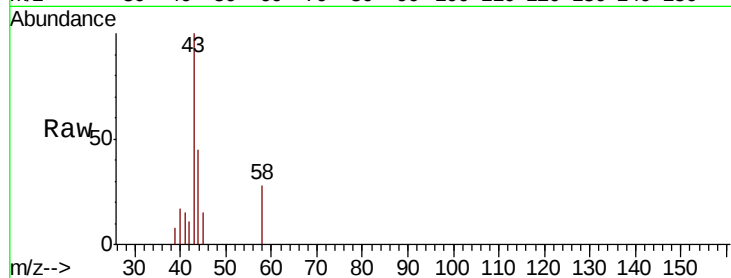
ClientSampled :

Tot Ion: 43 Resp: 7101

Ion Ratio Lower Upper

43 100

58 28.4 23.6 35.4



#17

Carbon Disulfide

Concen: 2.218 ug/l

RT: 4.01 min Scan# 696

Delta R.T. -0.01 min

Lab File: VN059660.D

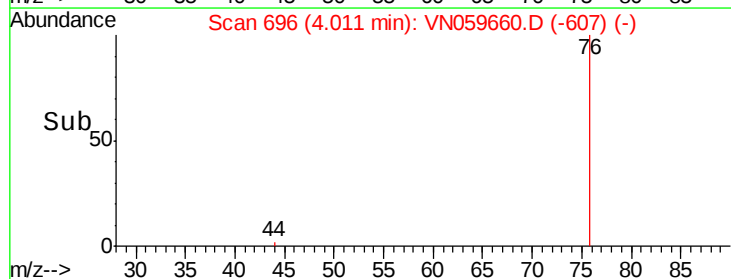
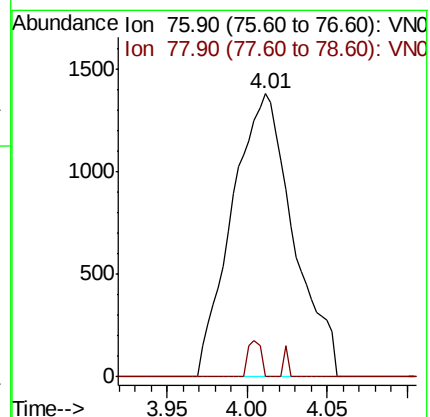
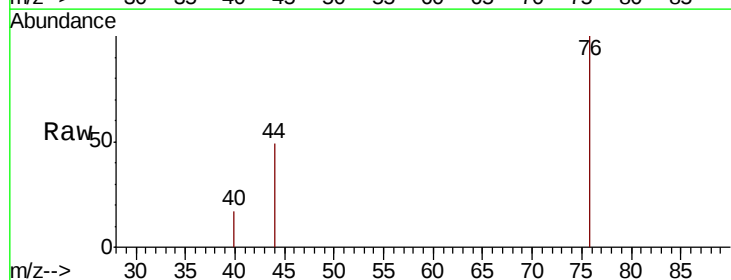
Acq: 18 Dec 2019 19:22

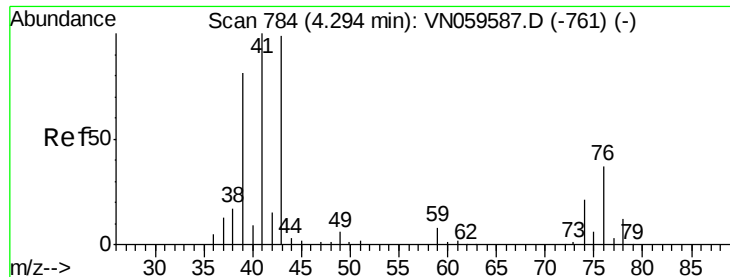
Tgt Ion: 76 Resp: 3634

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

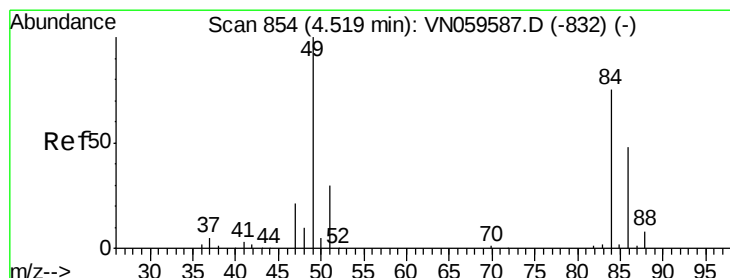
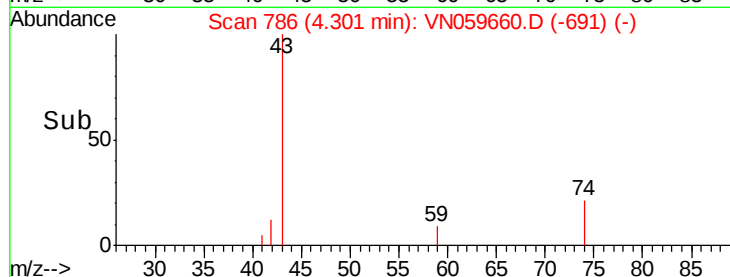
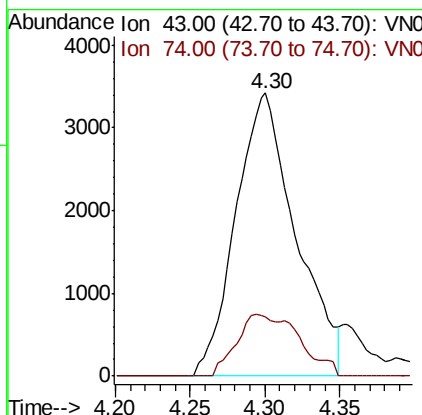
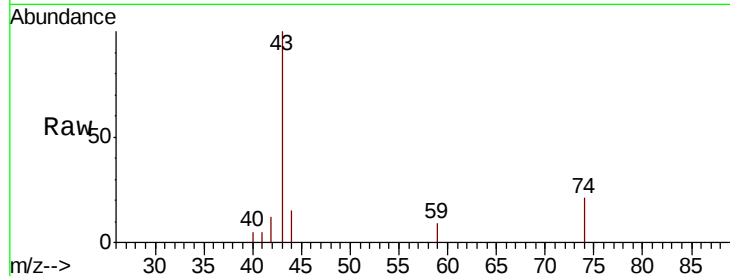




#18
Methyl Acetate
Concen: 1.915 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.01 min
Lab File: VN059660.D
Acq: 18 Dec 2019 19:22

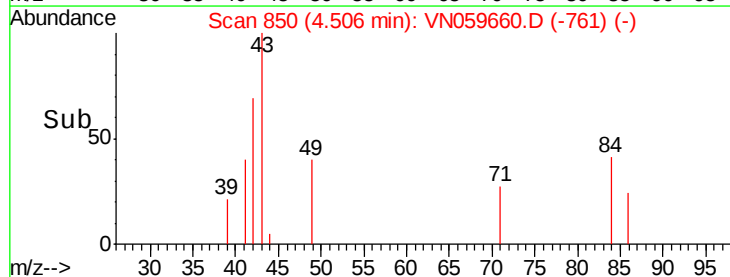
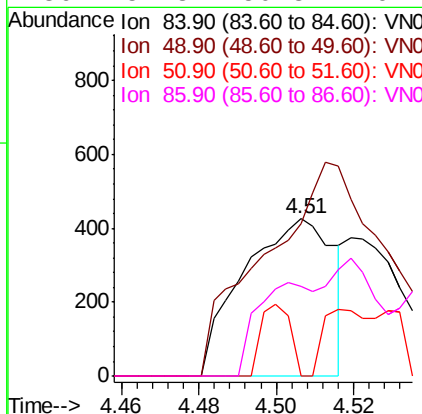
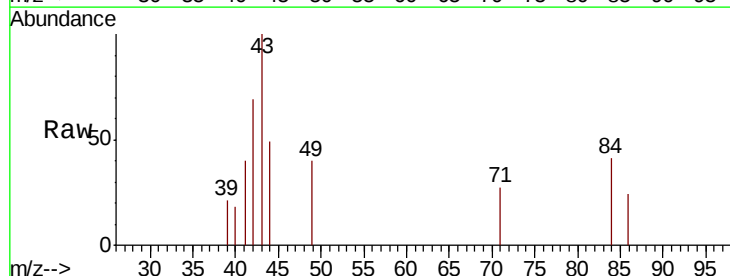
Instrument :
MSVOA_N
ClientSampled :

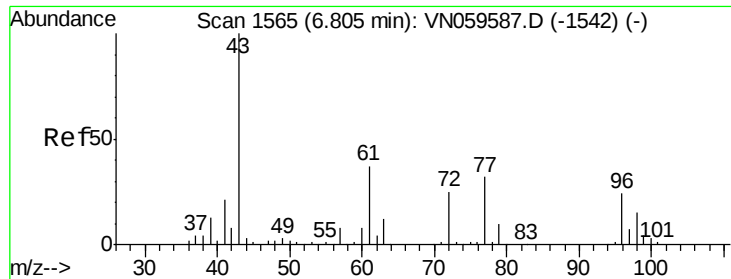
Tot Ion: 43 Resp: 9553
Ion Ratio Lower Upper
43 100
74 22.8 17.5 26.3



#20
Methylene Chloride
Concen: 0.200 ug/l
RT: 4.51 min Scan# 850
Delta R.T. -0.01 min
Lab File: VN059660.D
Acq: 18 Dec 2019 19:22

Tgt Ion: 84 Resp: 689
Ion Ratio Lower Upper
84 100
49 96.7 106.6 160.0#
51 0.0 31.9 47.9#
86 57.3 50.8 76.2

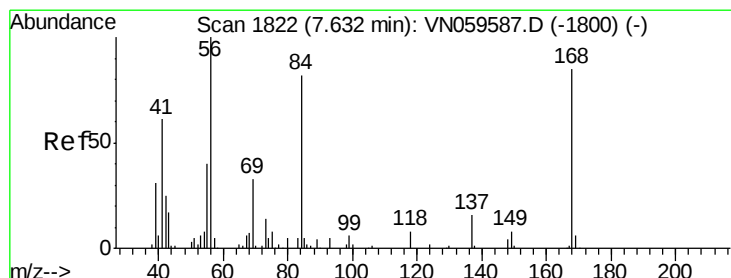
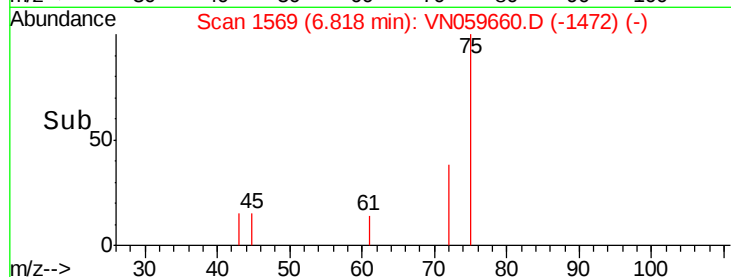
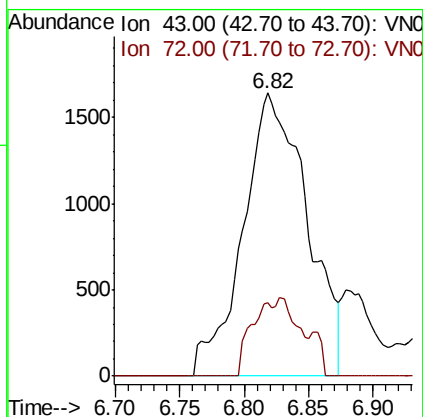
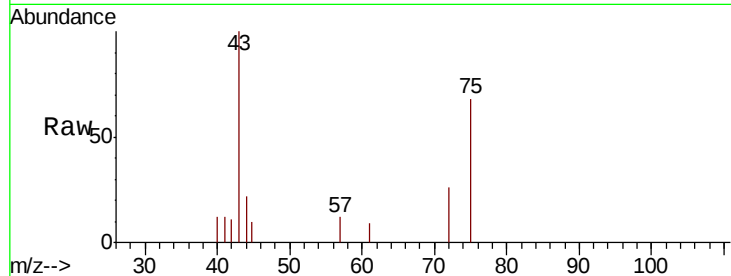




#25
2-Butanone
Concen: 1.997 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VN059660.D
Acq: 18 Dec 2019 19:22

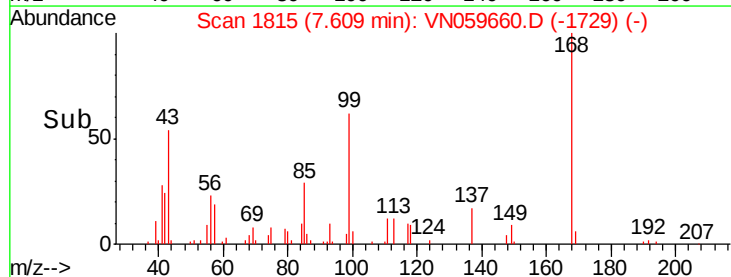
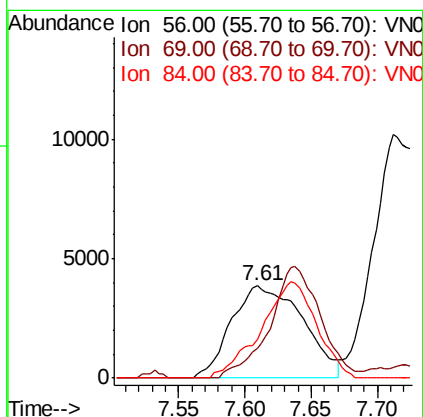
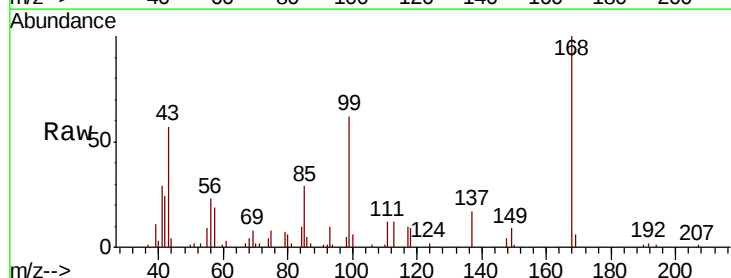
Instrument :
MSVOA_N
ClientSampled :

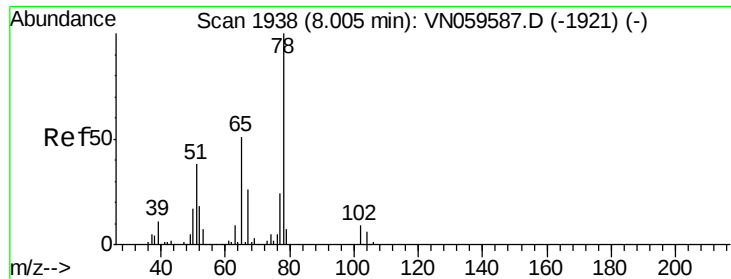
Tot Ion: 43 Resp: 5686
Ion Ratio Lower Upper
43 100
72 26.1 19.9 29.9



#31
Cyclohexane
Concen: 2.493 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.02 min
Lab File: VN059660.D
Acq: 18 Dec 2019 19:22

Tgt Ion: 56 Resp: 14597
Ion Ratio Lower Upper
56 100
69 32.6 26.5 39.7
84 41.7 65.3 97.9#

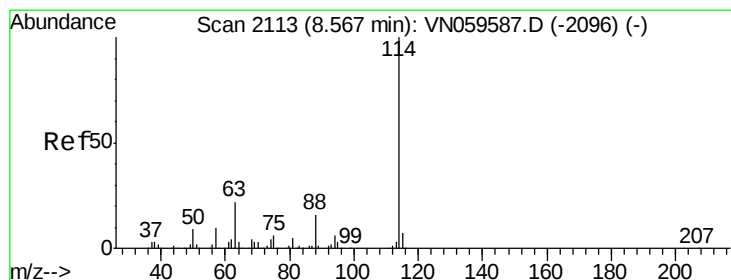
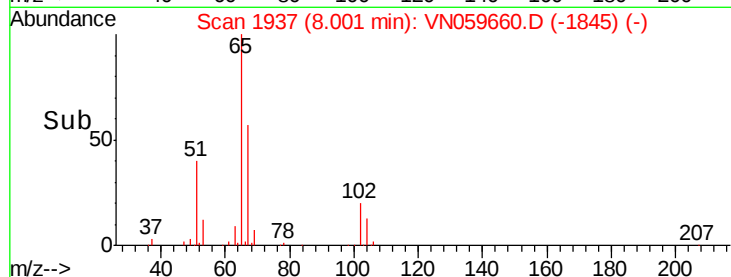
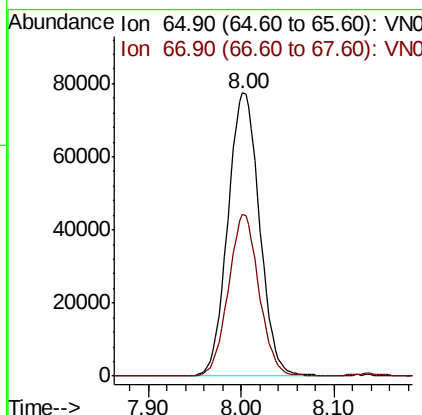
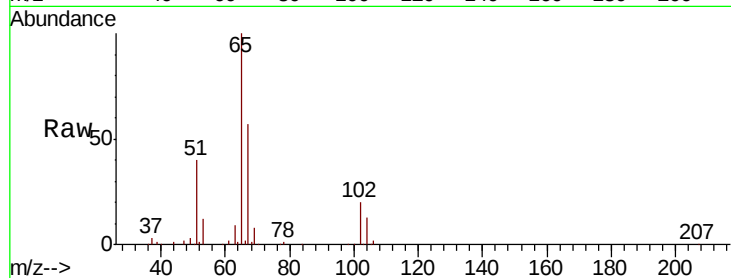




#33
 1,2-Dichloroethane-d4
 Concen: 45.774 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059660.D
 Acq: 18 Dec 2019 19:22

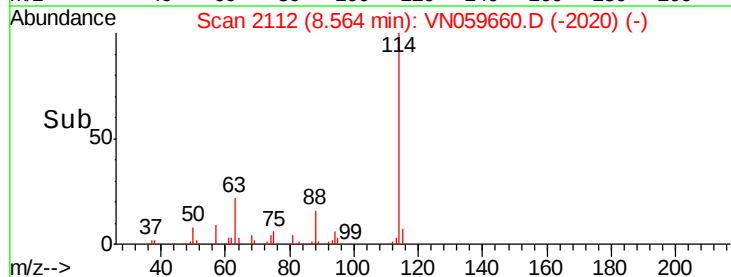
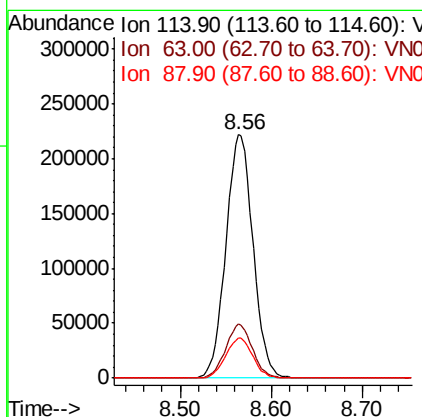
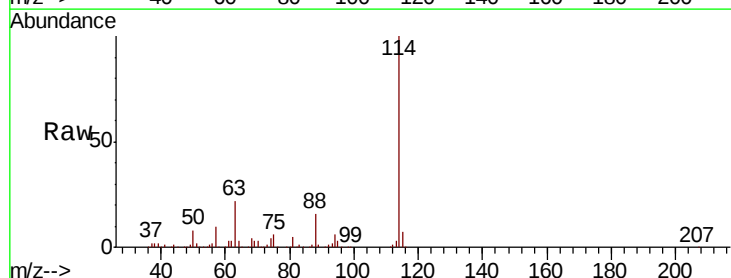
Instrument :
 MSVOA_N
 ClientSampleId :

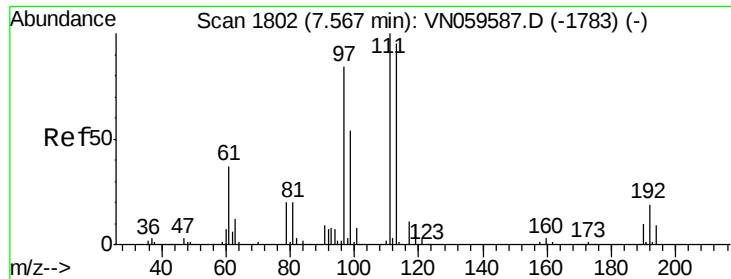
Tot Ion: 65 Resp: 183571
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059660.D
 Acq: 18 Dec 2019 19:22

Tgt Ion: 114 Resp: 459238
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.6
 88 16.4 0.0 31.4

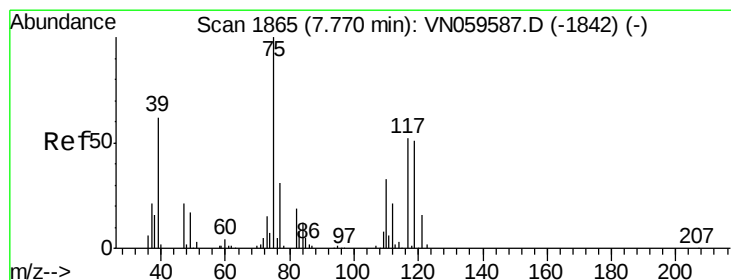
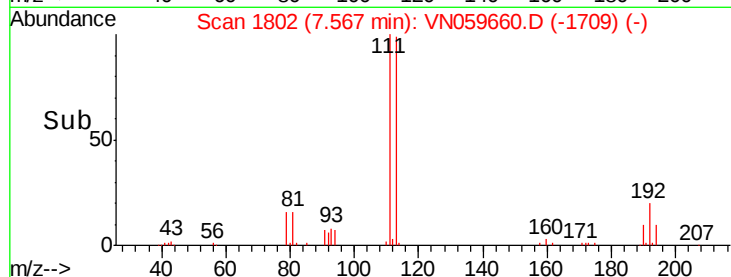
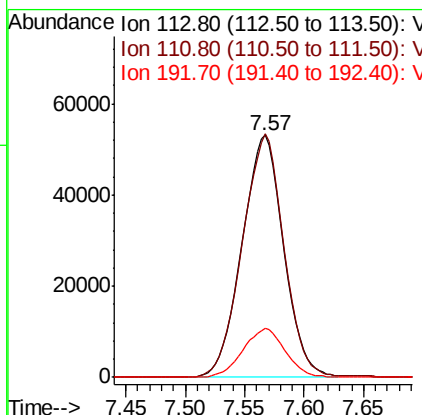
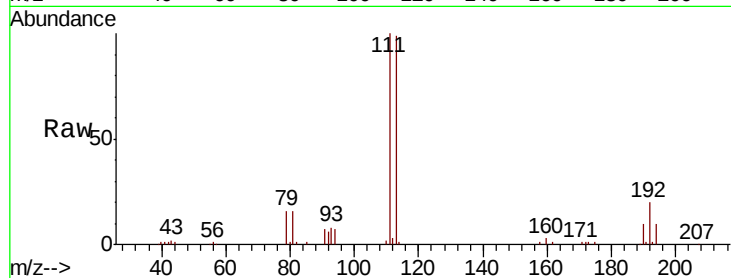




#35
 Dibromofluoromethane
 Concen: 44.774 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059660.D
 Acq: 18 Dec 2019 19:22

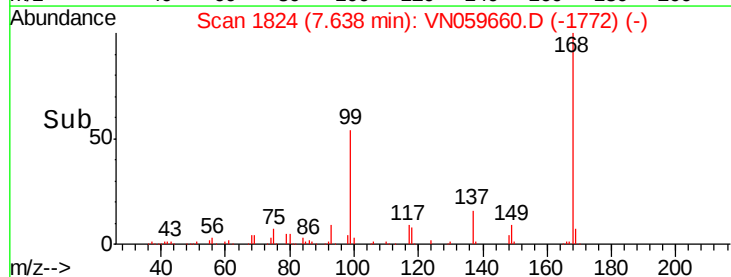
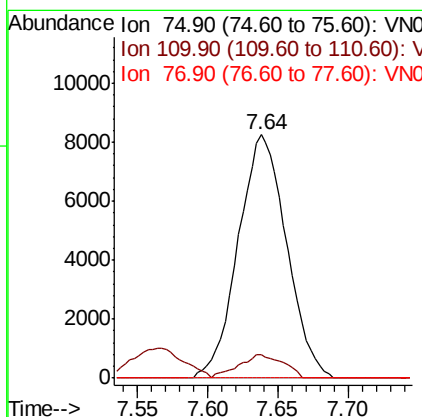
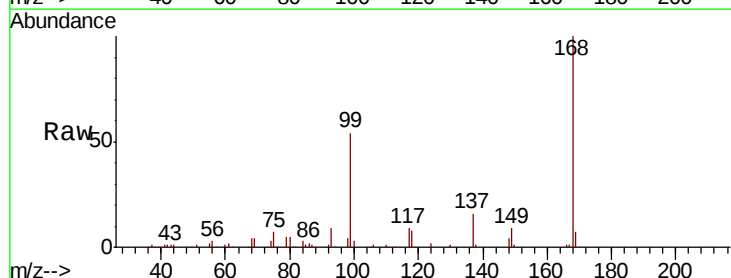
Instrument :
 MSVOA_N
 ClientSampleId :

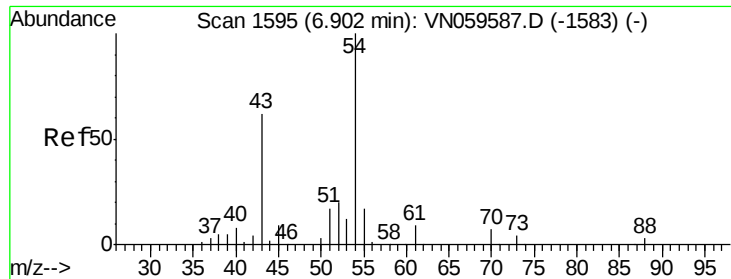
Tot Ion:113 Resp: 128652
 Ion Ratio Lower Upper
 113 100
 111 100.6 83.5 125.3
 192 20.3 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 4.127 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN059660.D
 Acq: 18 Dec 2019 19:22

Tgt Ion: 75 Resp: 19767
 Ion Ratio Lower Upper
 75 100
 110 8.8 16.6 49.7#
 77 0.0 25.1 37.7#

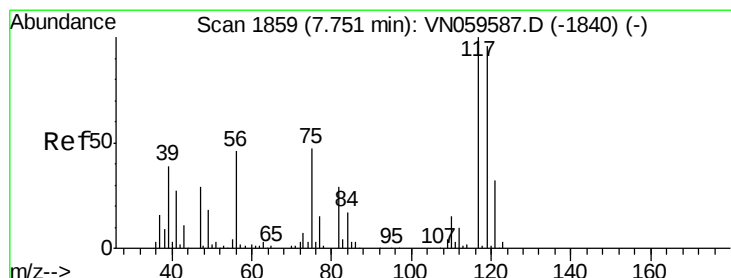
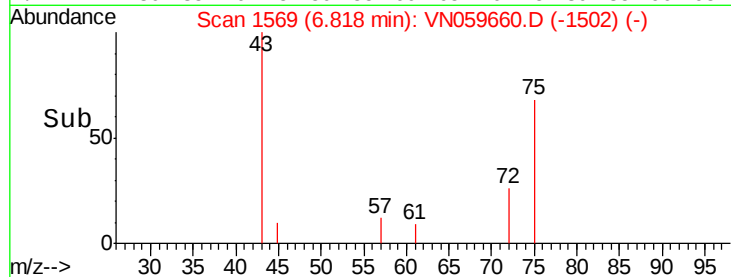
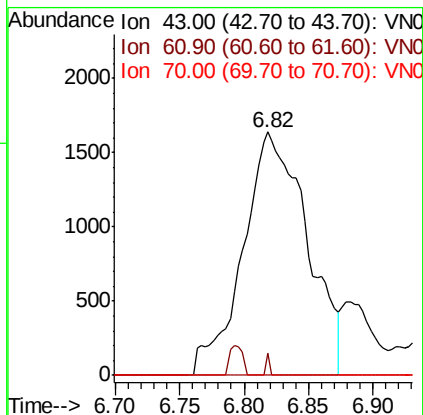
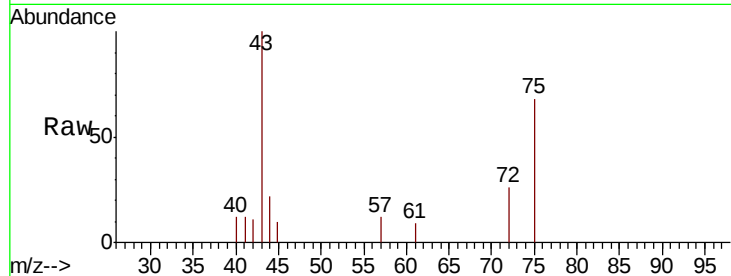




#37
Ethyl Acetate
Concen: 1.022 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.08 min
Lab File: VN059660.D
Acq: 18 Dec 2019 19:22

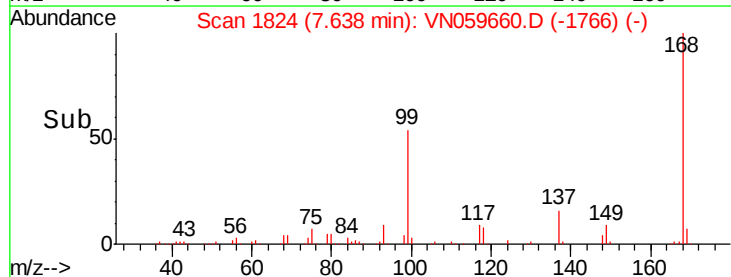
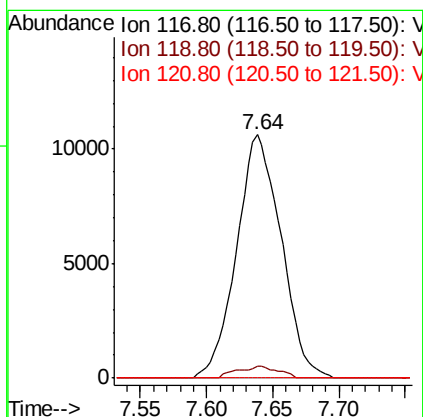
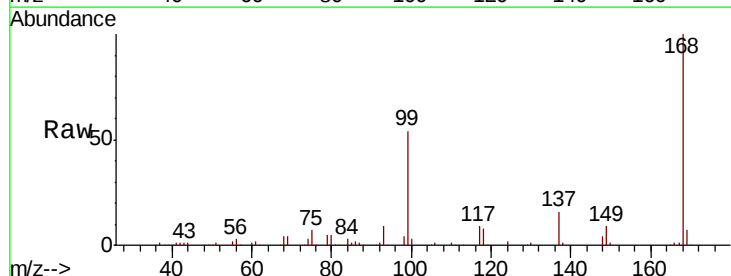
Instrument :
MSVOA_N
ClientSampleId :

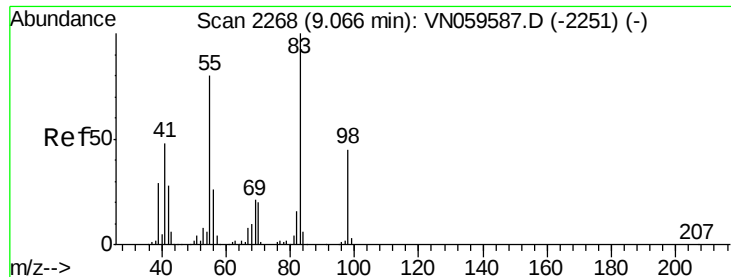
Tot Ion: 43 Resp: 5686
Ion Ratio Lower Upper
43 100
61 0.5 10.9 16.3#
70 0.0 7.7 11.5#



#38
Carbon Tetrachloride
Concen: 4.989 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.11 min
Lab File: VN059660.D
Acq: 18 Dec 2019 19:22

Tgt Ion: 117 Resp: 24795
Ion Ratio Lower Upper
117 100
119 4.7 76.5 114.7#
121 0.0 25.1 37.7#

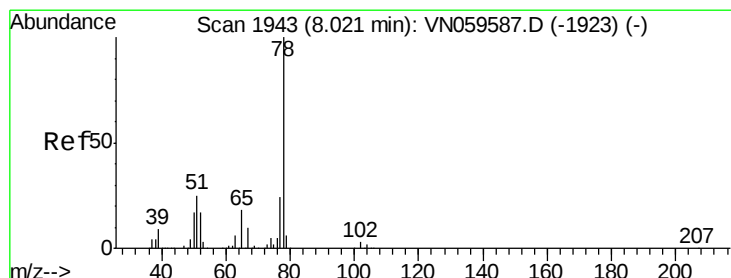
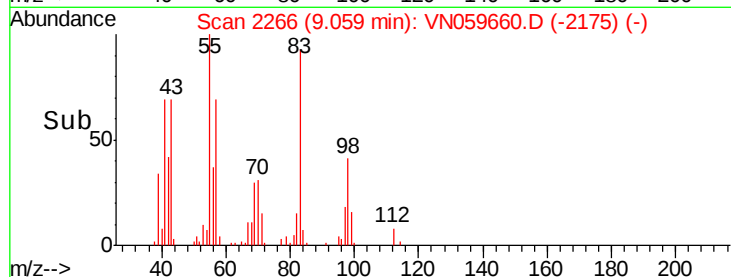
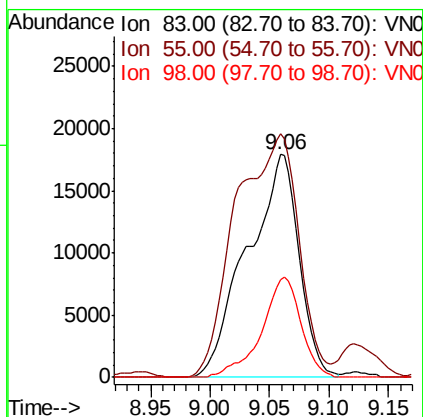
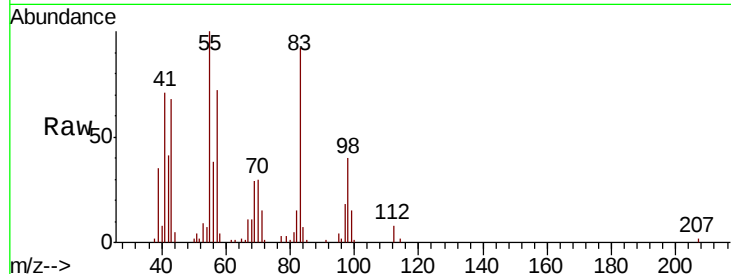




#39
Methvlcvclohexane
Concen: 9.903 ug/l
RT: 9.06 min Scan# 2266
Delta R.T. -0.01 min
Lab File: VN059660.D
Acq: 18 Dec 2019 19:22

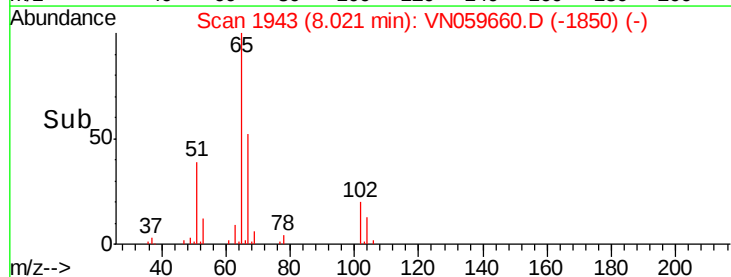
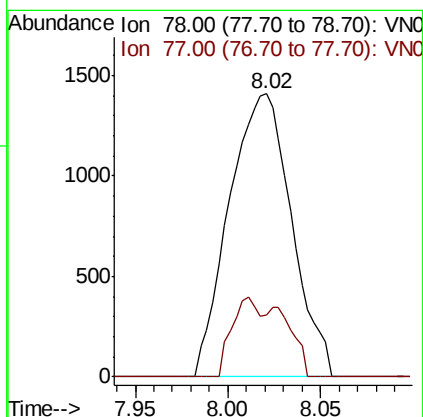
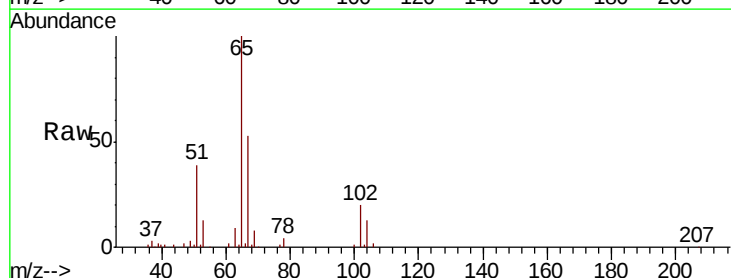
Instrument :
MSVOA_N
ClientSampled :

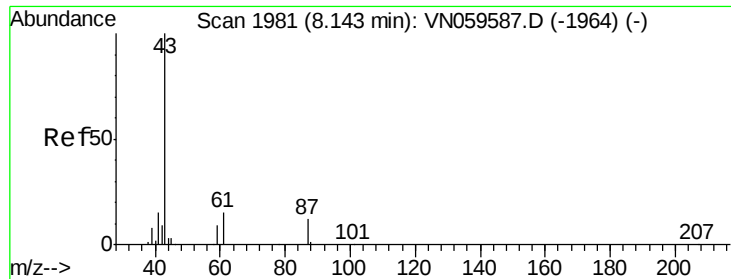
Tot Ion: 83 Resp: 53795
Ion Ratio Lower Upper
83 100
55 109.1 64.2 96.2#
98 43.6 35.9 53.9



#40
Benzene
Concen: 0.235 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059660.D
Acq: 18 Dec 2019 19:22

Tgt Ion: 78 Resp: 3296
Ion Ratio Lower Upper
78 100
77 22.1 18.9 28.3





#43

Isopropyl Acetate

Concen: 2.012 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.02 min

Lab File: VN059660.D

Acq: 18 Dec 2019 19:22

Instrument :

MSVOA_N

ClientSampleId :

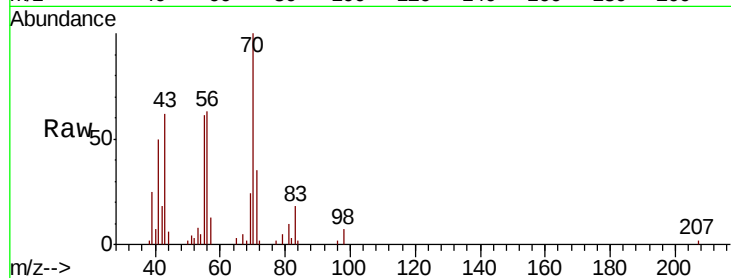
Tot Ion: 43 Resp: 17409

Ion Ratio Lower Upper

43 100

61 0.0 20.2 30.2#

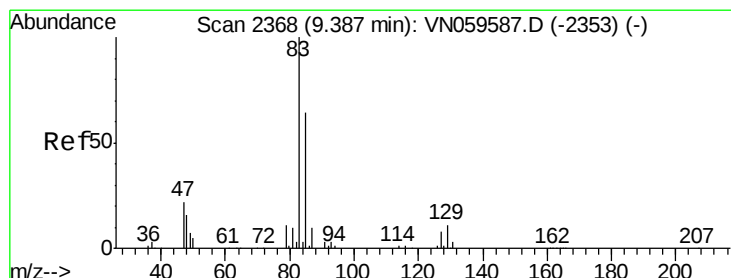
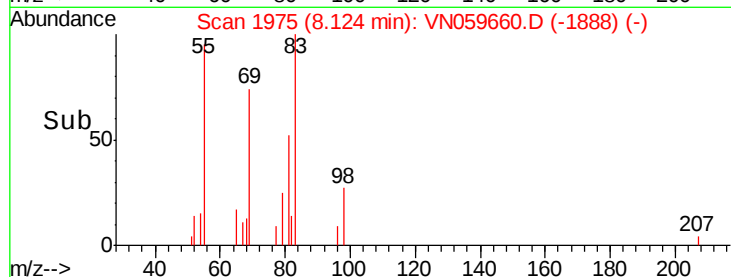
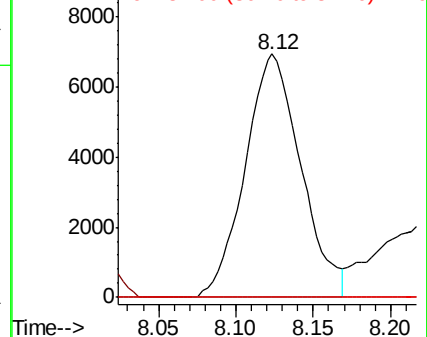
87 0.0 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-1964) (-)

Ion 61.00 (60.70 to 61.70): VN059587.D (-1964) (-)

Ion 87.00 (86.70 to 87.70): VN059587.D (-1964) (-)



#47

Bromodichloromethane

Concen: 3.047 ug/l

RT: 9.36 min Scan# 2361

Delta R.T. -0.02 min

Lab File: VN059660.D

Acq: 18 Dec 2019 19:22

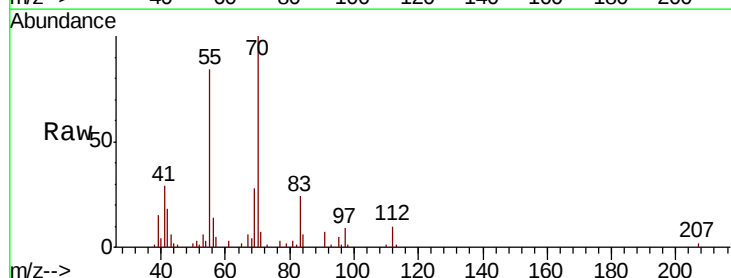
Tgt Ion: 83 Resp: 15044

Ion Ratio Lower Upper

83 100

85 0.0 51.1 76.7#

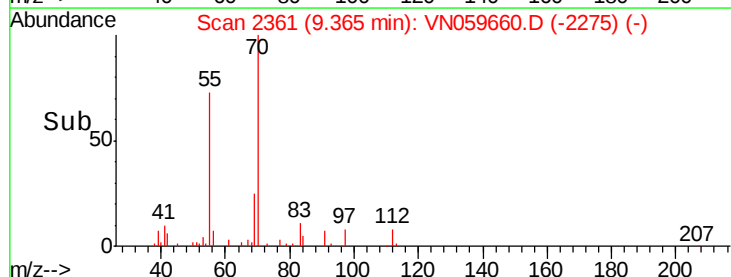
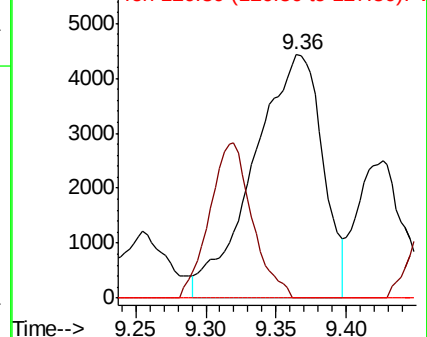
127 0.0 6.6 9.8#

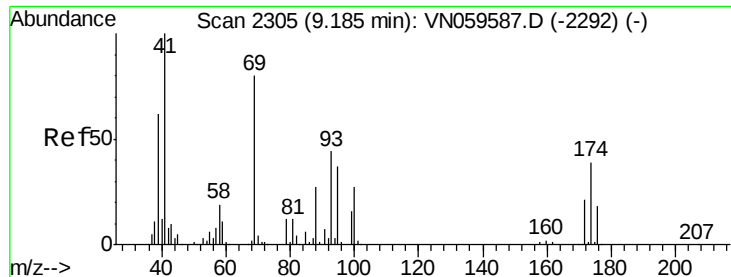


Abundance Ion 82.90 (82.60 to 83.60): VN059587.D (-2353) (-)

Ion 84.90 (84.60 to 85.60): VN059587.D (-2353) (-)

Ion 126.80 (126.50 to 127.50): VN059587.D (-2353) (-)

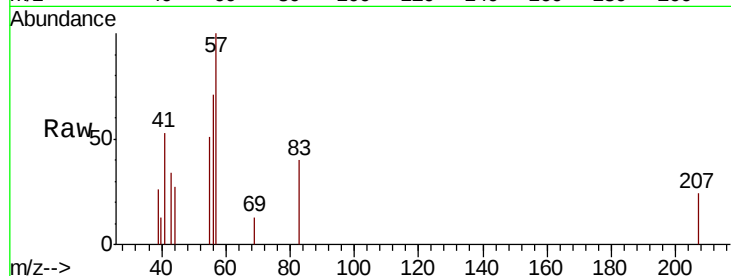




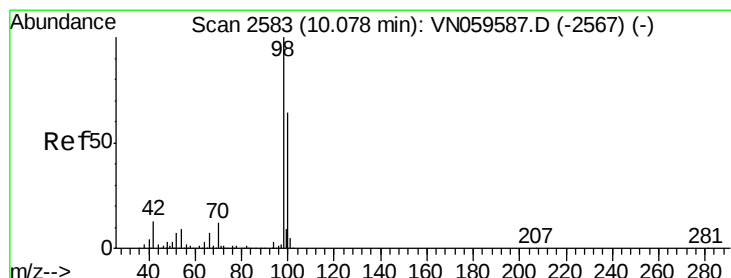
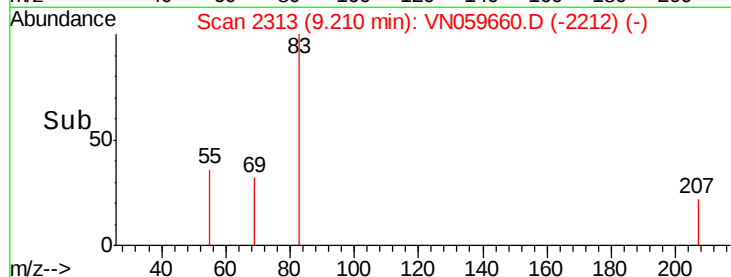
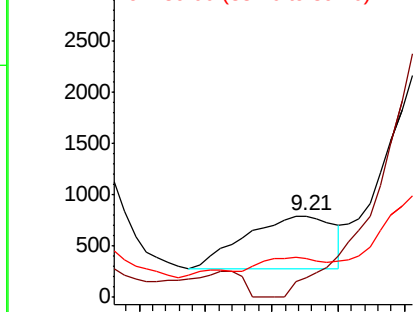
#48
Methyl methacrylate
Concen: 0.245 ug/l
RT: 9.21 min Scan# 2313
Delta R.T. 0.03 min
Lab File: VN059660.D
Acq: 18 Dec 2019 19:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 960
Ion Ratio Lower Upper
41 100
69 0.0 64.4 96.6#
39 0.0 51.3 76.9#

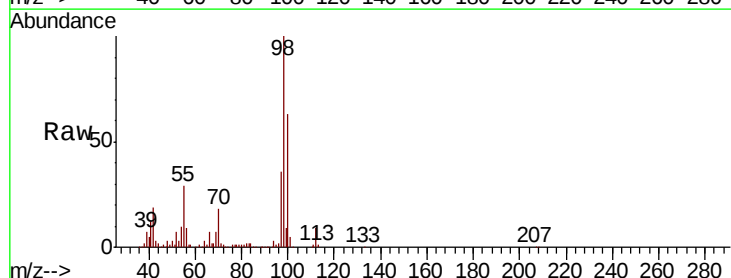


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

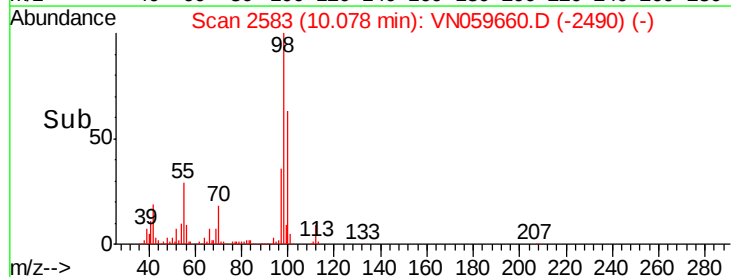
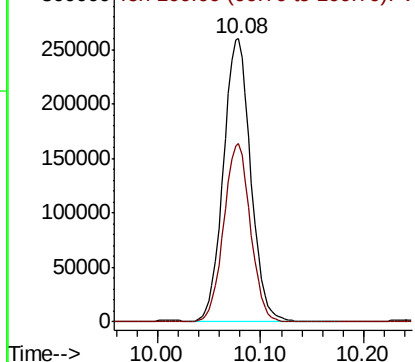


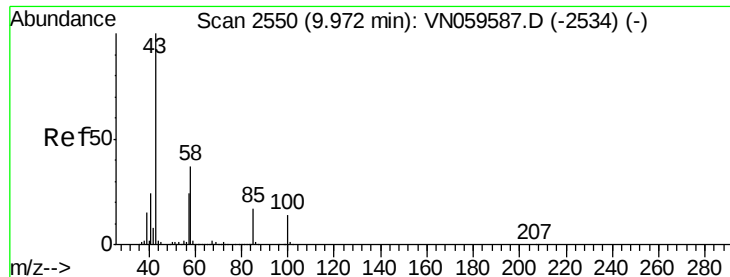
#50
Toluene-d8
Concen: 42.178 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059660.D
Acq: 18 Dec 2019 19:22

Tgt Ion: 98 Resp: 479824
Ion Ratio Lower Upper
98 100
100 61.5 51.2 76.8



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: 0.940 ug/l

RT: 10.01 min Scan# 2562

Delta R.T. 0.04 min

Lab File: VN059660.D

Acq: 18 Dec 2019 19:22

Instrument :

MSVOA_N

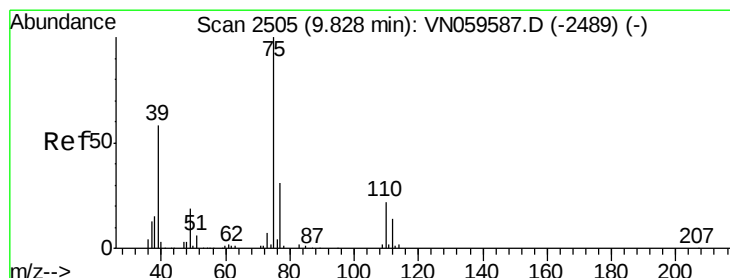
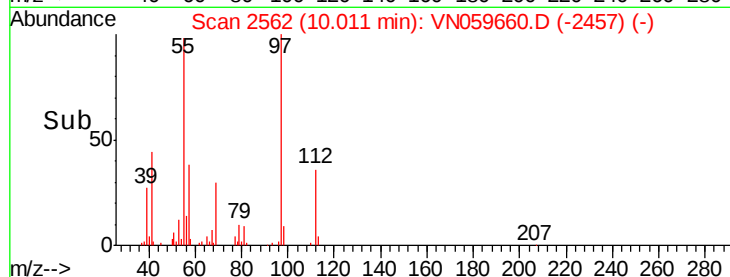
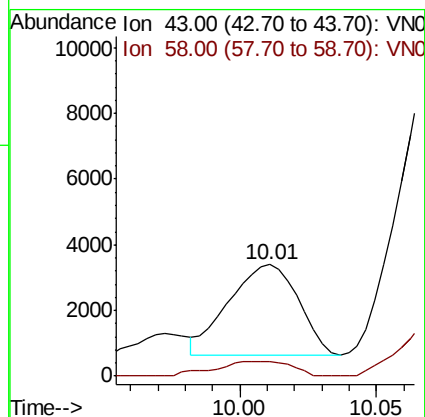
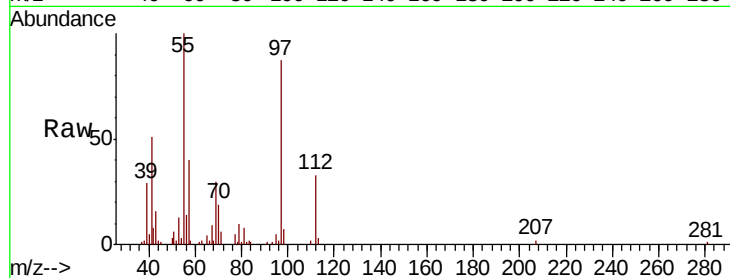
ClientSampled :

Tot Ion: 43 Resp: 4851

Ion Ratio Lower Upper

43 100

58 18.3 29.8 44.8#



#54

cis-1,3-Dichloropropene

Concen: 0.409 ug/l

RT: 9.58 min Scan# 2428

Delta R.T. -0.25 min

Lab File: VN059660.D

Acq: 18 Dec 2019 19:22

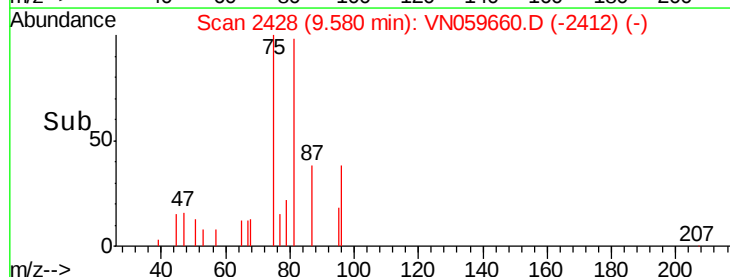
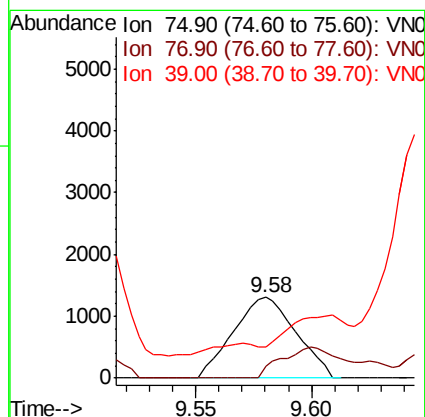
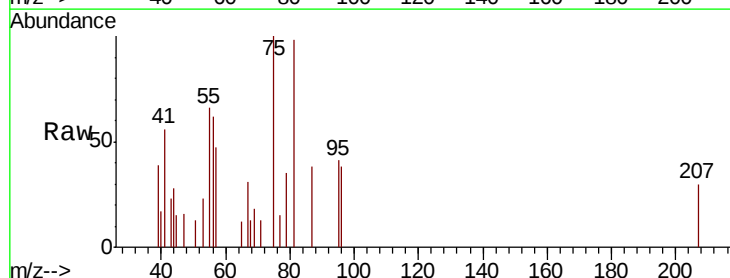
Tgt Ion: 75 Resp: 2455

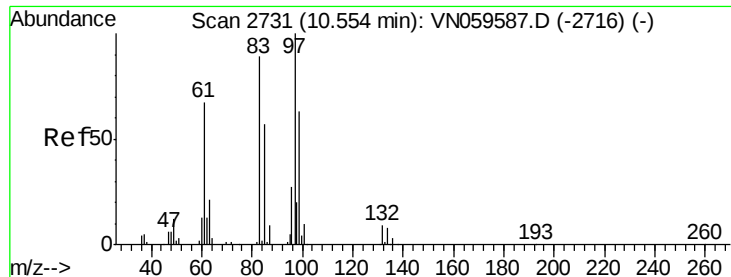
Ion Ratio Lower Upper

75 100

77 14.9 25.1 37.7#

39 9.2 46.1 69.1#

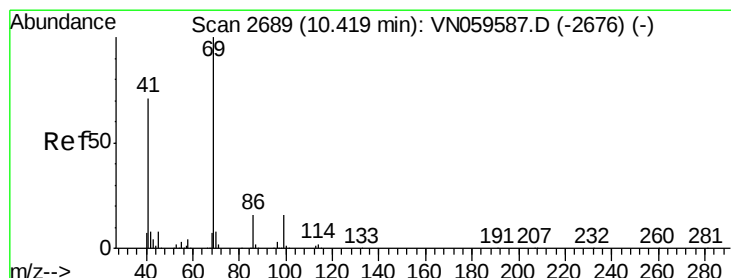
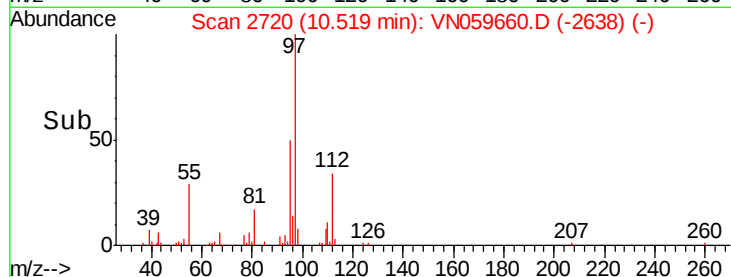
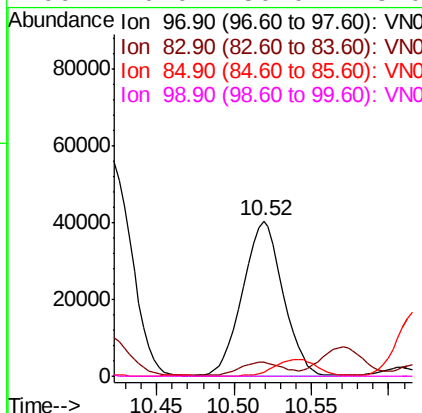
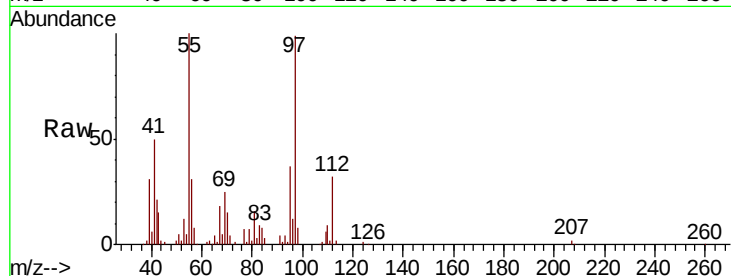




#55
 1,1,2-Trichloroethane
 Concen: 21.940 ug/l
 RT: 10.52 min Scan# 2720
 Delta R.T. -0.04 min
 Lab File: VN059660.D
 Acq: 18 Dec 2019 19:22

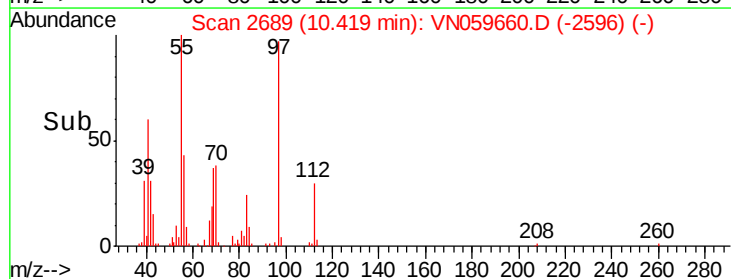
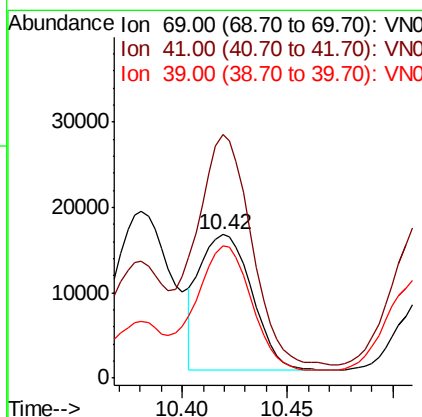
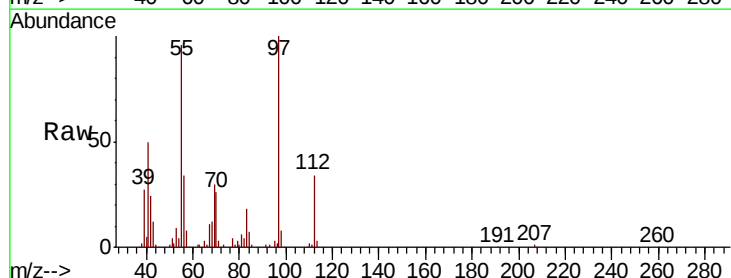
Instrument :
 MSVOA_N
 ClientSampled :

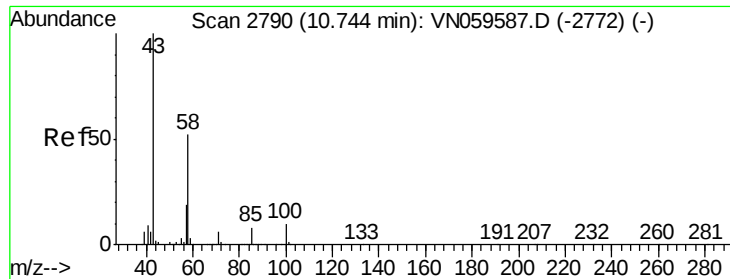
Tot Ion	Ratio	Lower	Upper
97	100		
83	7.9	71.3	106.9#
85	2.3	45.8	68.8#
99	0.0	50.0	75.0#



#56
 Ethyl methacrylate
 Concen: 5.397 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. -0.00 min
 Lab File: VN059660.D
 Acq: 18 Dec 2019 19:22

Tgt Ion	Ratio	Lower	Upper
69	100		
41	177.1	57.1	85.7#
39	98.4	34.7	52.1#

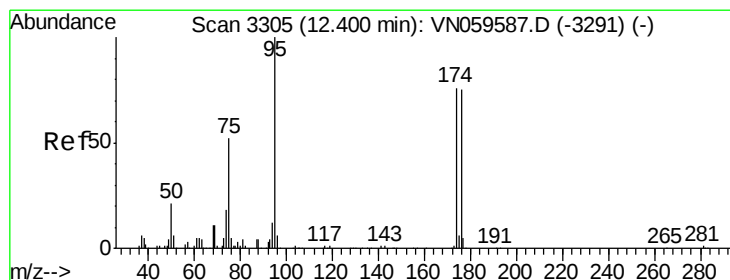
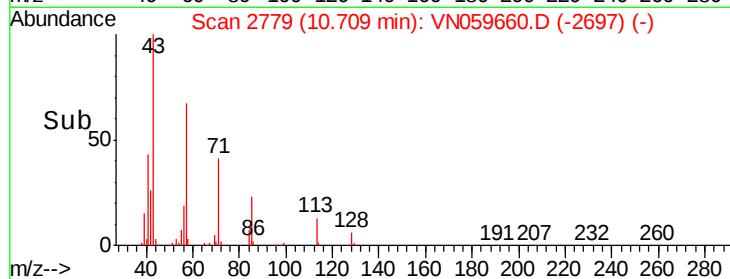
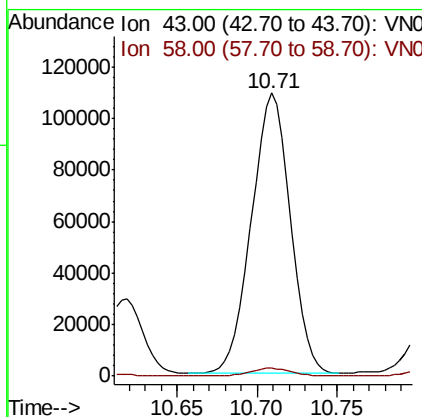
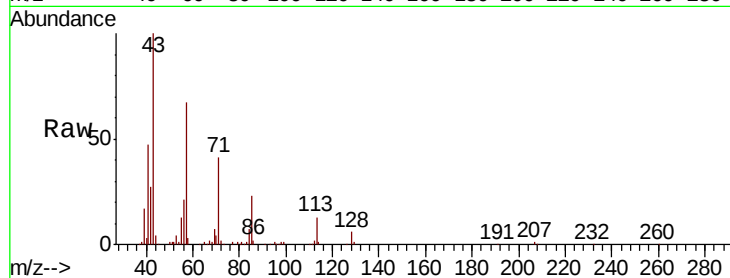




#59
2-Hexanone
Concen: 44.703 ug/l
RT: 10.71 min Scan# 2779
Delta R.T. -0.04 min
Lab File: VN059660.D
Acq: 18 Dec 2019 19:22

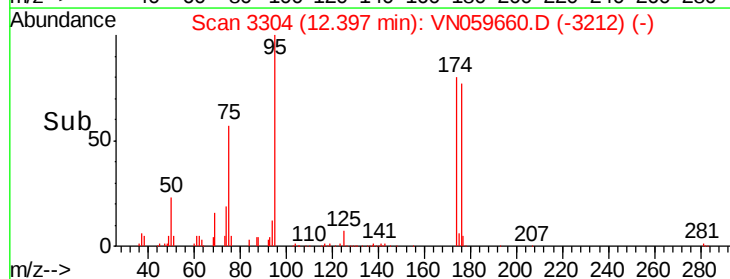
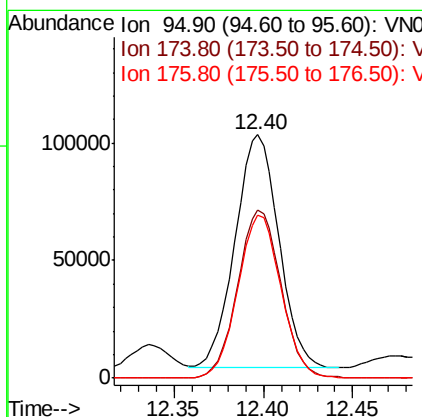
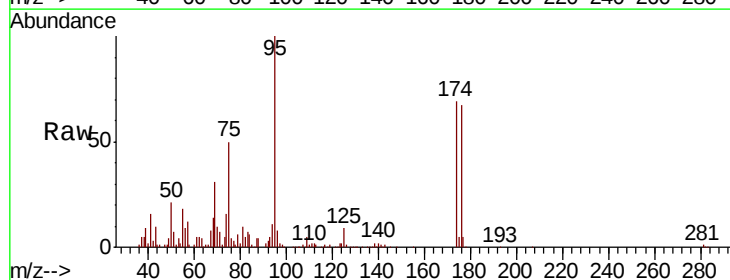
Instrument :
MSVOA_N
ClientSampled :

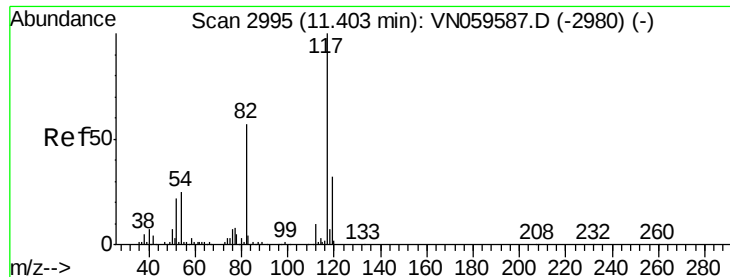
Tot Ion: 43 Resp: 181787
Ion Ratio Lower Upper
43 100
58 3.1 25.8 77.3#



#62
4-Bromofluorobenzene
Concen: 41.105 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN059660.D
Acq: 18 Dec 2019 19:22

Tgt Ion: 95 Resp: 170631
Ion Ratio Lower Upper
95 100
174 71.2 0.0 151.4
176 69.0 0.0 146.0

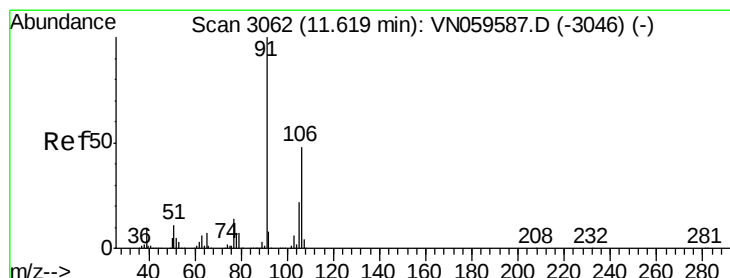
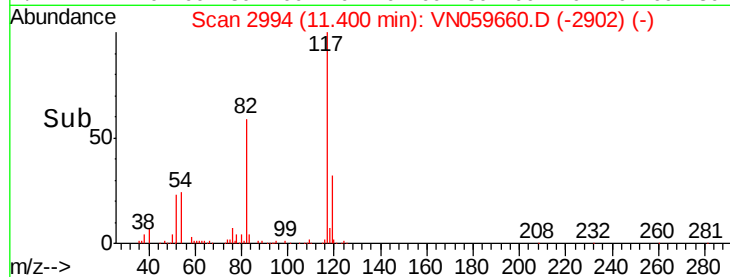
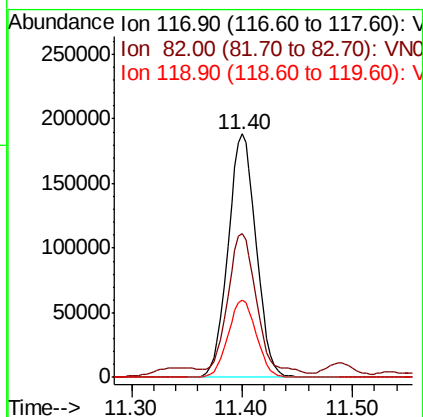
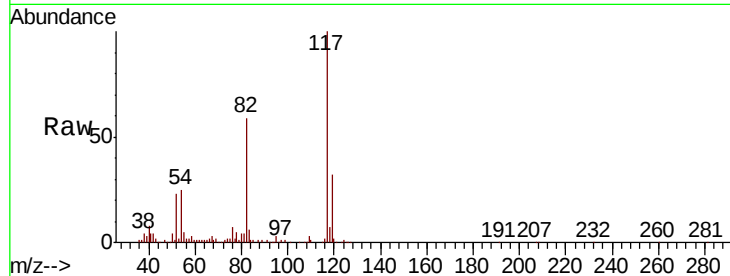




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059660.D
Acq: 18 Dec 2019 19:22

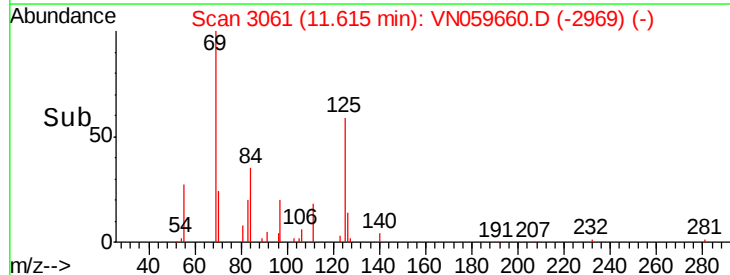
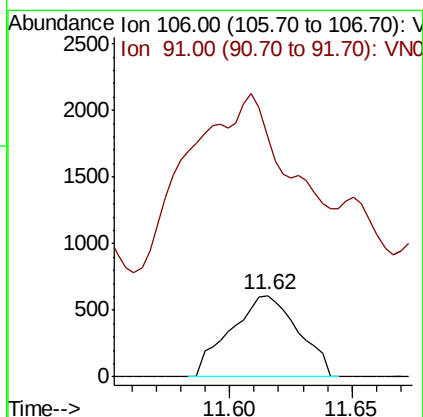
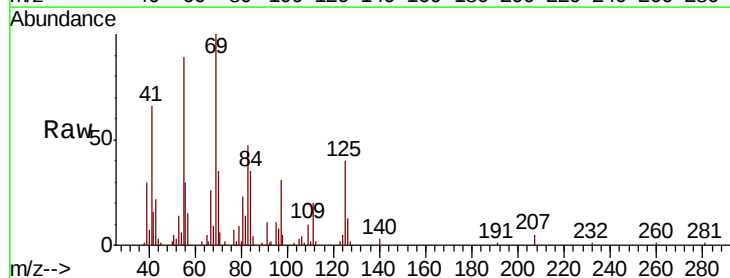
Instrument :
MSVOA_N
ClientSampled :

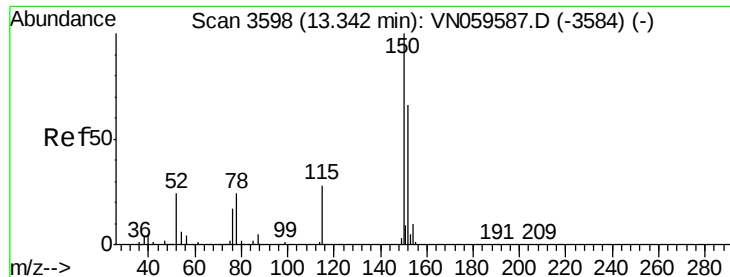
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.9	68.9
119	32.0	25.5	38.3



#68
m/p-Xylenes
Concen: 0.244 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN059660.D
Acq: 18 Dec 2019 19:22

Tgt Ion	Ratio	Lower	Upper
106	100		
91	335.1	167.9	251.9



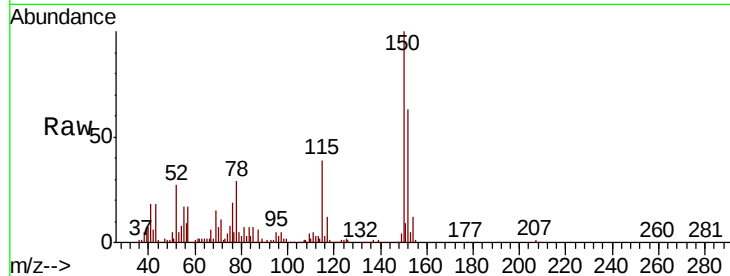


#72

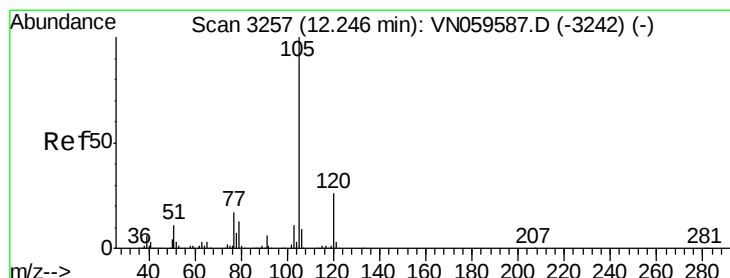
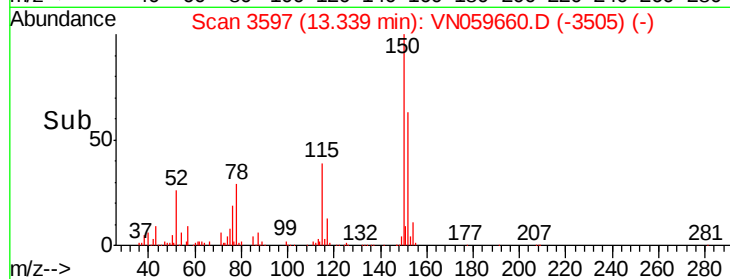
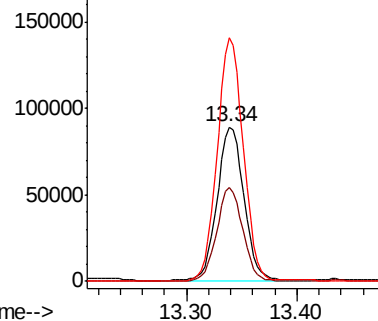
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN059660.D
Acq: 18 Dec 2019 19:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.8	30.3	90.9
150	153.1	0.0	345.2



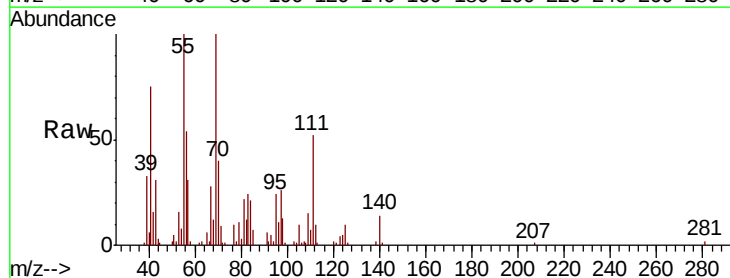
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



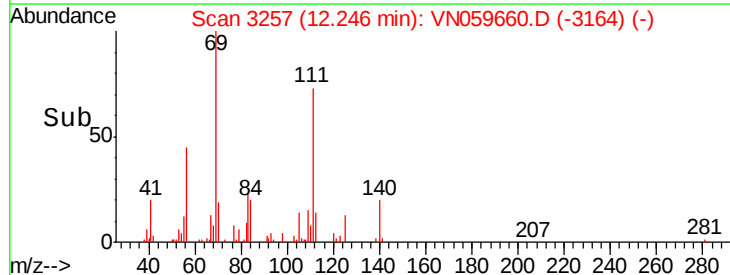
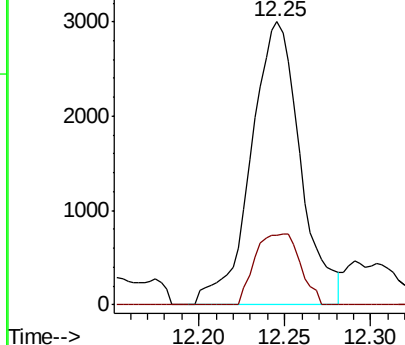
#73

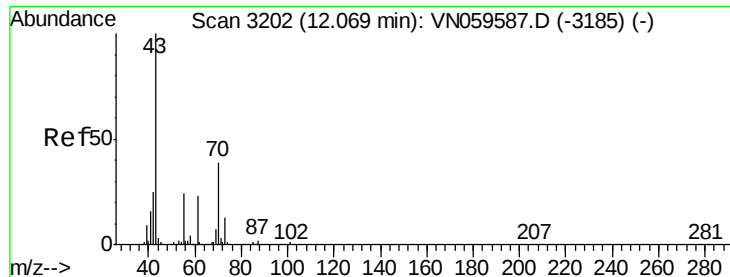
Isopropylbenzene
Concen: 0.511 ug/l
RT: 12.25 min Scan# 3257
Delta R.T. -0.00 min
Lab File: VN059660.D
Acq: 18 Dec 2019 19:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	22.8	13.2	39.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

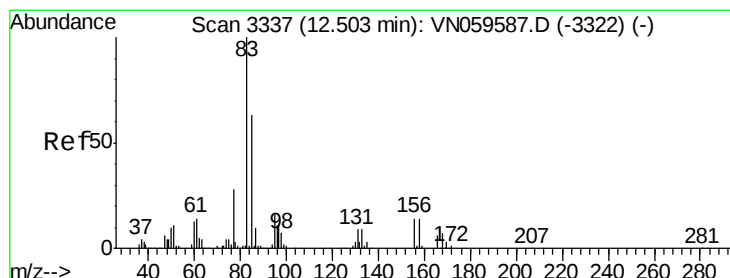
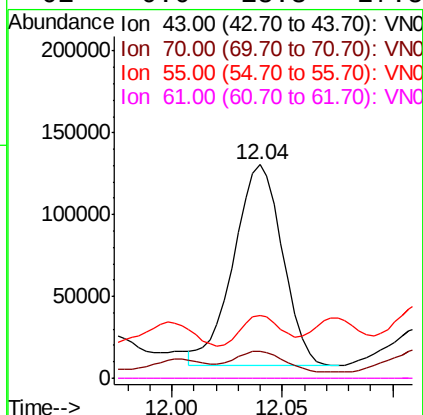
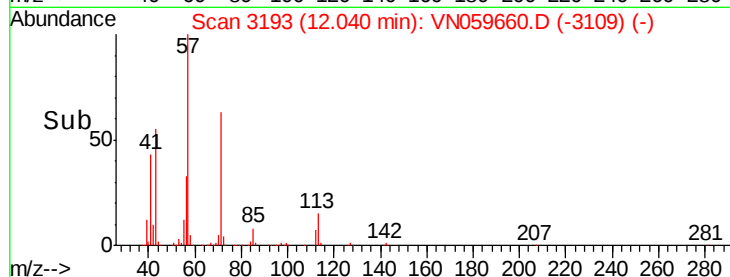
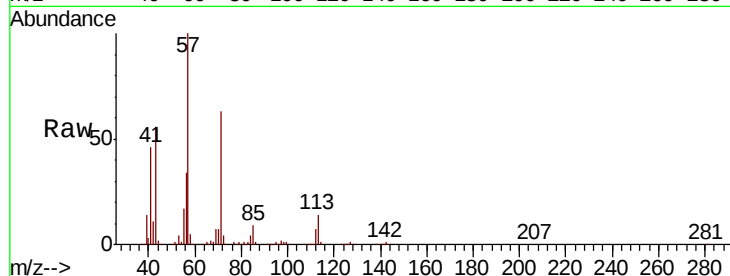




#74
N-amvl acetate
Concen: 35.443 ug/l
RT: 12.04 min Scan# 3193
Delta R.T. -0.03 min
Lab File: VN059660.D
Acq: 18 Dec 2019 19:22

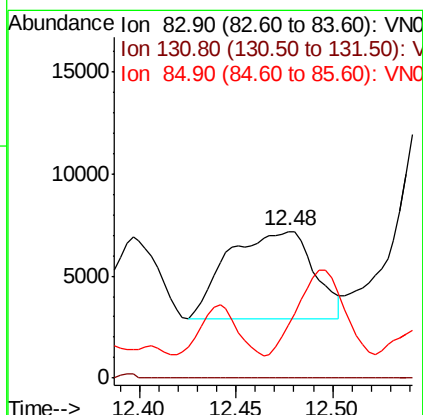
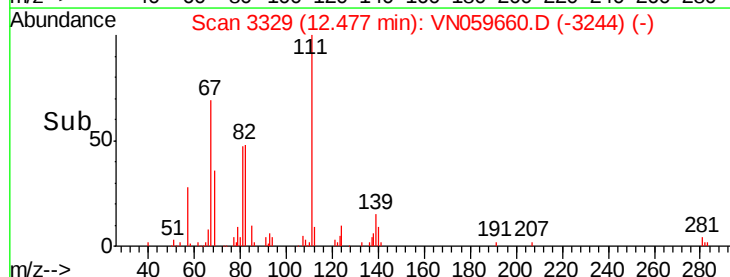
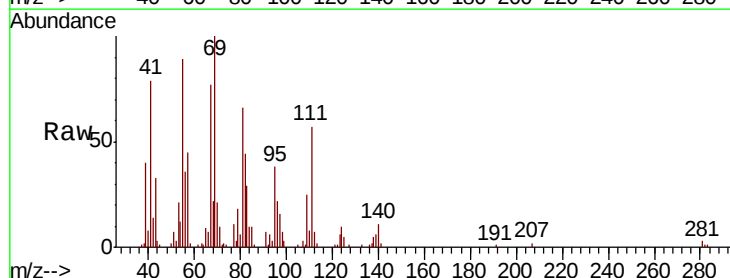
Instrument :
MSVOA_N
ClientSampleId :

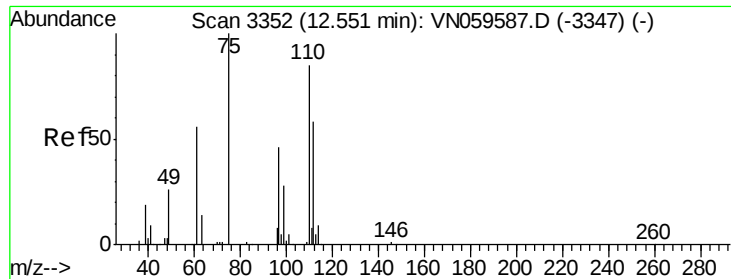
Tot Ion	Ratio	Lower	Upper
43	100		
70	10.6	31.3	46.9#
55	13.8	19.8	29.6#
61	0.0	18.3	27.5#



#75
1,1,2,2-Tetrachloroethane
Concen: 3.527 ug/l
RT: 12.48 min Scan# 3329
Delta R.T. -0.03 min
Lab File: VN059660.D
Acq: 18 Dec 2019 19:22

Tgt Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	14.9#
85	52.2	31.9	95.5





#76

1,2,3-Trichloropropane

Concen: 23.433 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN059660.D

Acq: 18 Dec 2019 19:22

Instrument :

MSVOA_N

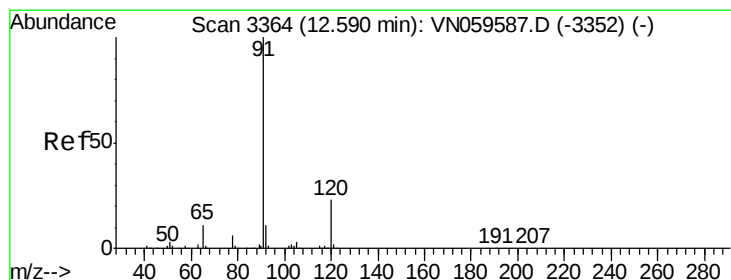
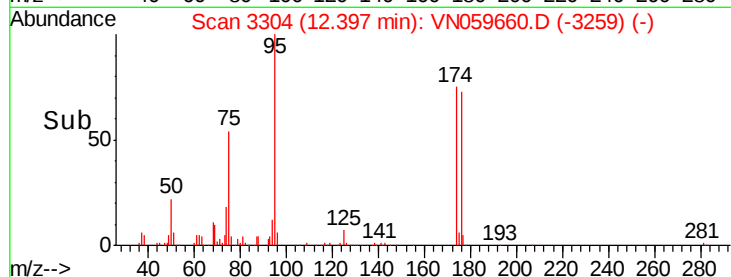
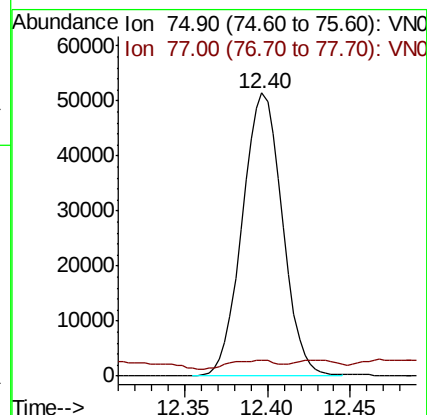
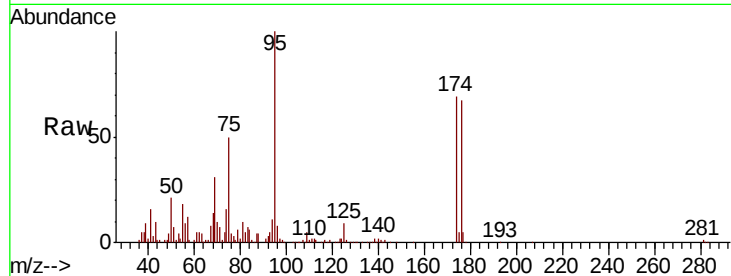
ClientSampleId :

Tot Ion: 75 Resp: 86519

Ion Ratio Lower Upper

75 100

77 3.4 0.0 0.0#



#78

n-propylbenzene

Concen: 0.766 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN059660.D

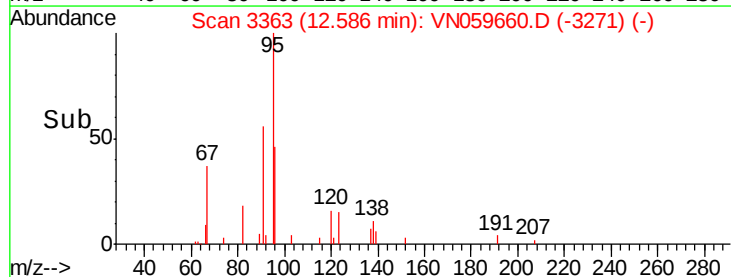
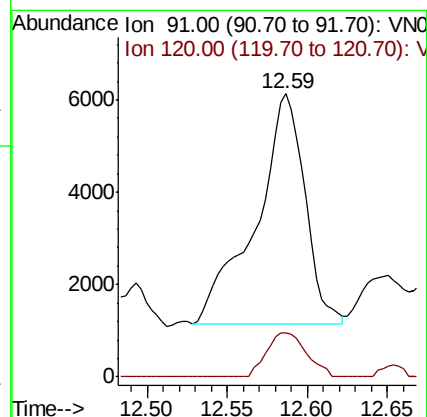
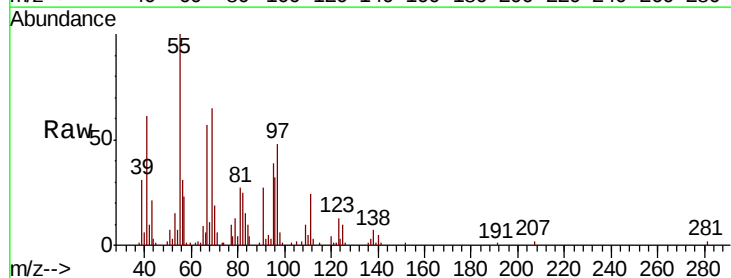
Acq: 18 Dec 2019 19:22

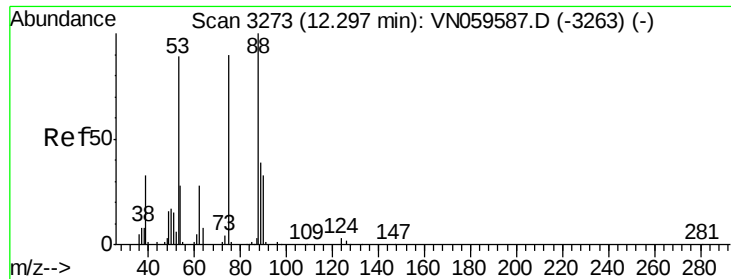
Tgt Ion: 91 Resp: 10599

Ion Ratio Lower Upper

91 100

120 15.4 11.1 33.3





#81

trans-1,4-Dichloro-2-butene

Concen: 57.877 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN059660.D

Acq: 18 Dec 2019 19:22

Instrument :

MSVOA_N

ClientSampleId :

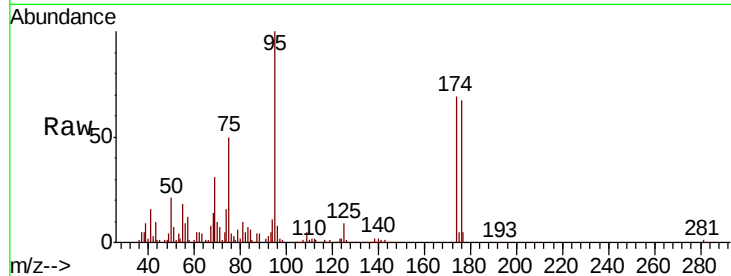
Tot Ion: 75 Resp: 86519

Ion Ratio Lower Upper

75 100

53 3.2 78.1 117.1#

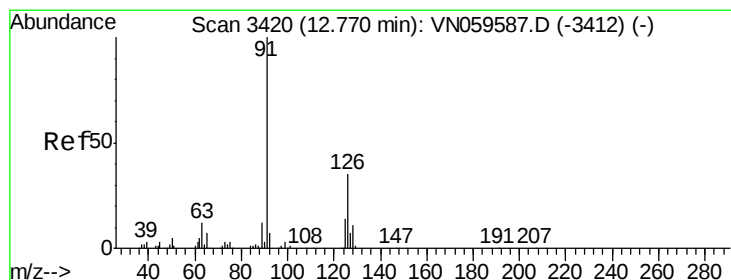
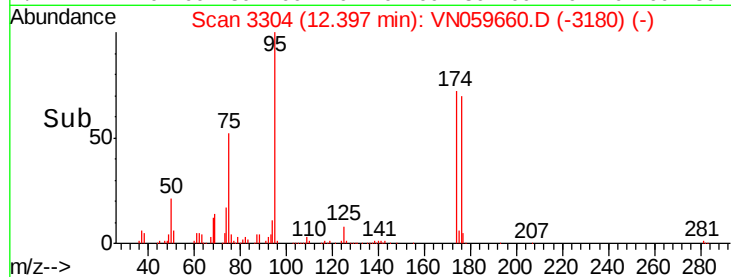
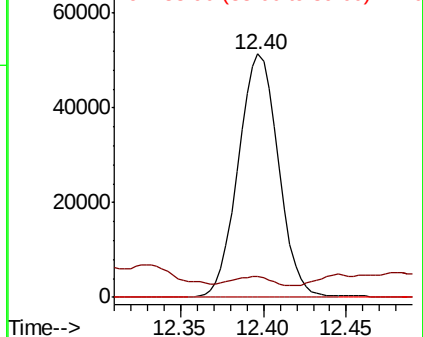
89 0.0 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.502 ug/l

RT: 12.98 min Scan# 3485

Delta R.T. 0.21 min

Lab File: VN059660.D

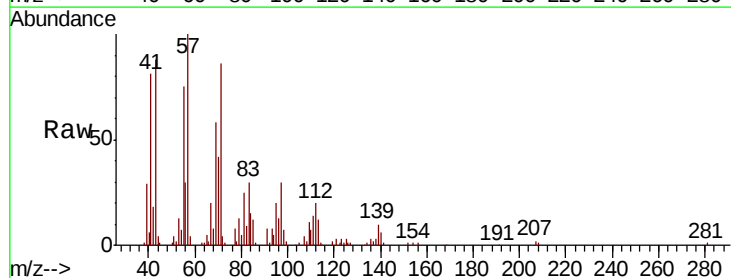
Acq: 18 Dec 2019 19:22

Tgt Ion: 91 Resp: 4300

Ion Ratio Lower Upper

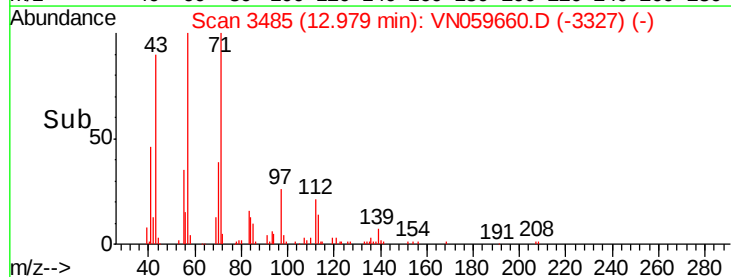
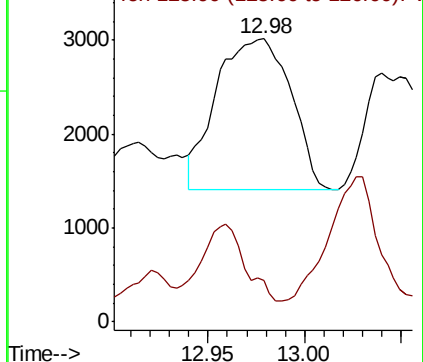
91 100

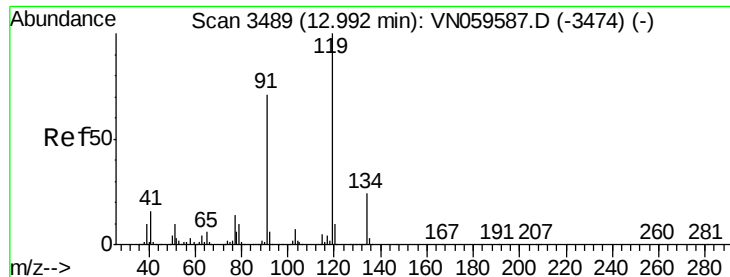
126 29.8 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.223 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. -0.00 min

Lab File: VN059660.D

Acq: 18 Dec 2019 19:22

Instrument :

MSVOA_N

ClientSampled :

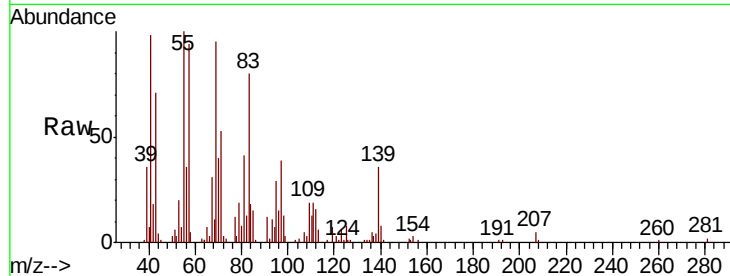
Tot Ion:119 Resp: 1871

Ion Ratio Lower Upper

119 100

91 233.7 34.8 104.4#

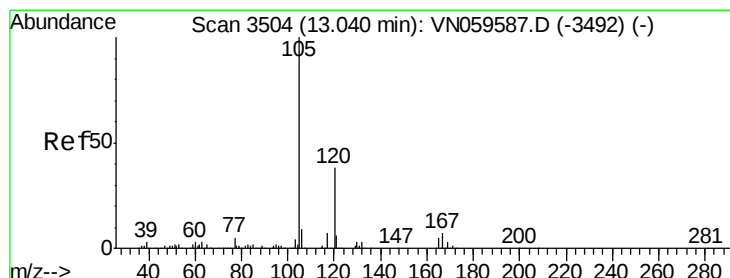
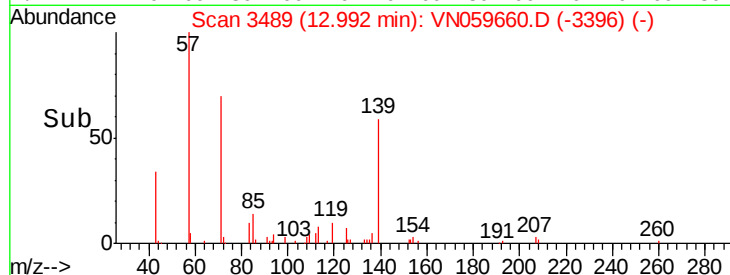
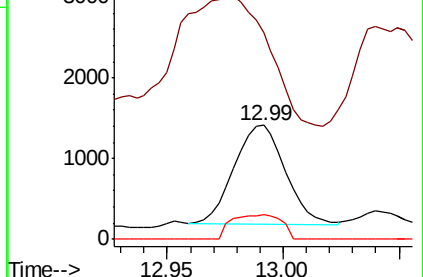
134 24.2 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.228 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN059660.D

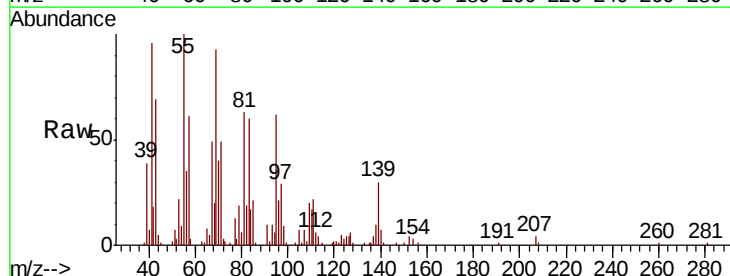
Acq: 18 Dec 2019 19:22

Tgt Ion:105 Resp: 2251

Ion Ratio Lower Upper

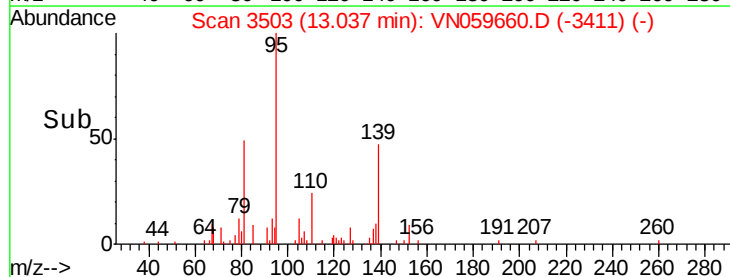
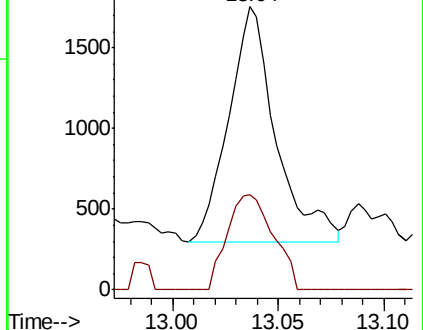
105 100

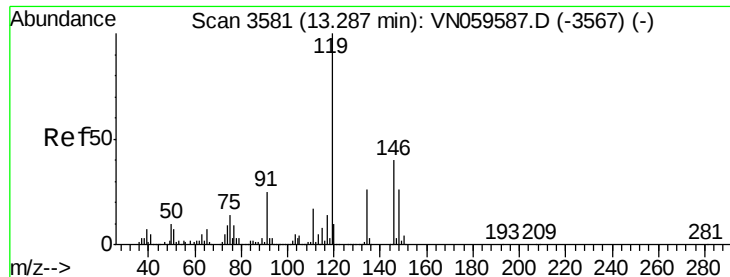
120 39.6 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

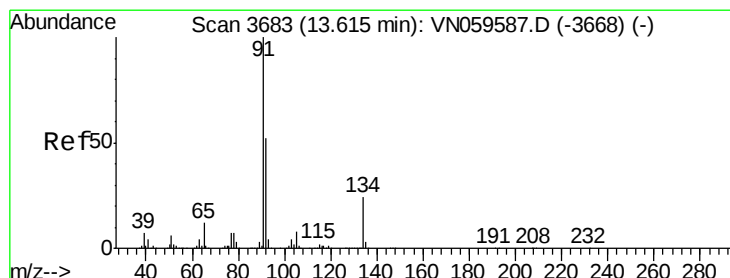
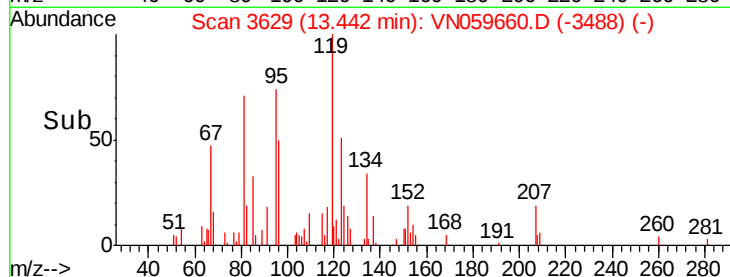
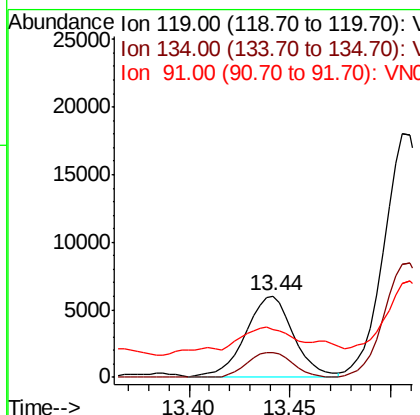
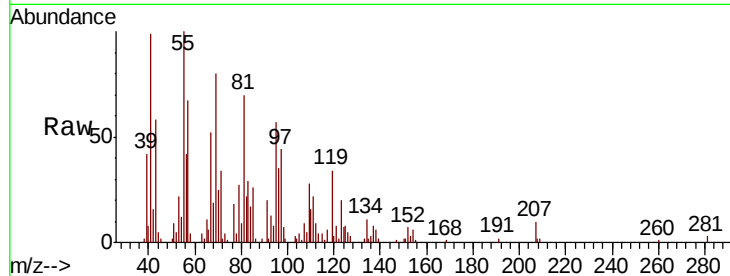




#86
p-Isopropyltoluene
Concen: 0.997 ug/l
RT: 13.44 min Scan# 3629
Delta R.T. 0.15 min
Lab File: VN059660.D
Acq: 18 Dec 2019 19:22

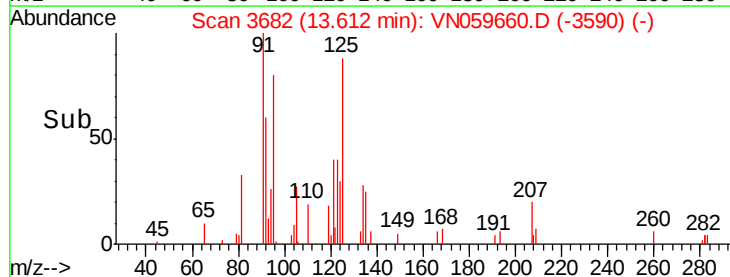
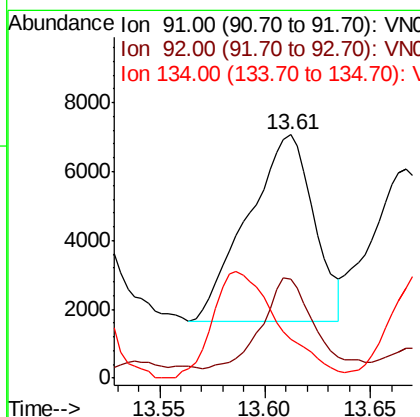
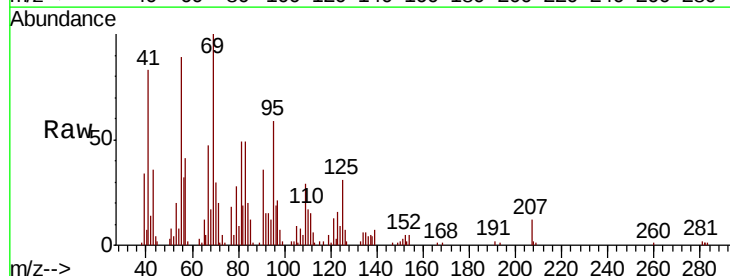
Instrument :
MSVOA_N
ClientSampled :

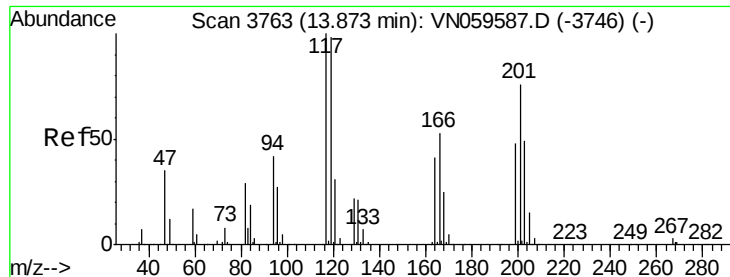
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.7	12.9	38.7
91	26.1	12.4	37.4



#89
n-Butylbenzene
Concen: 1.253 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN059660.D
Acq: 18 Dec 2019 19:22

Tgt Ion	Ratio	Lower	Upper
91	100		
92	37.1	25.9	77.7
134	0.0	12.3	36.8#





#90

Hexachloroethane

Concen: 1.404 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. 0.01 min

Lab File: VN059660.D

Acq: 18 Dec 2019 19:22

Instrument :

MSVOA_N

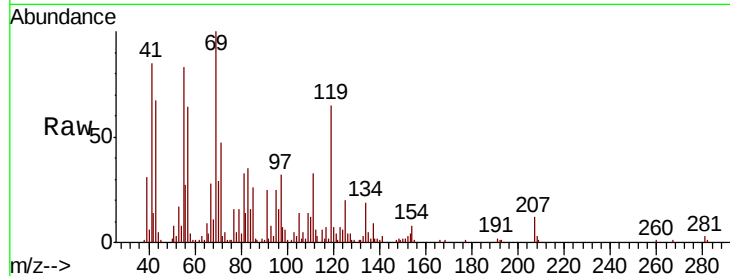
ClientSampled :

Tot Ion:117 Resp: 2683

Ion Ratio Lower Upper

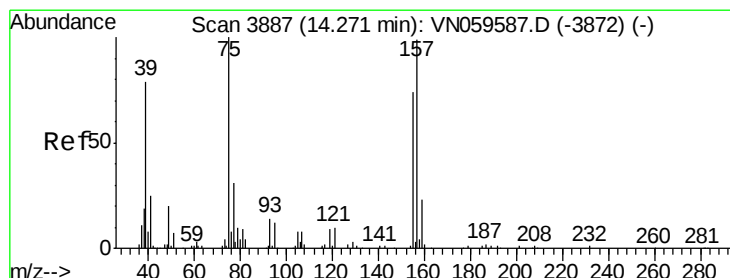
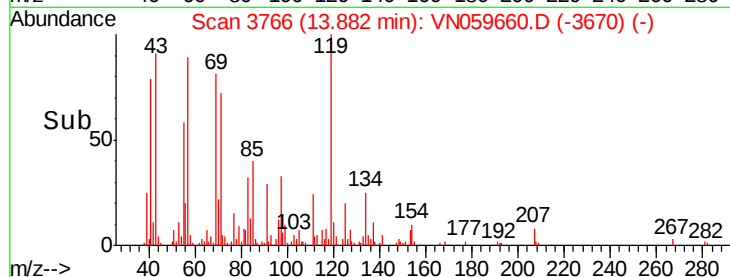
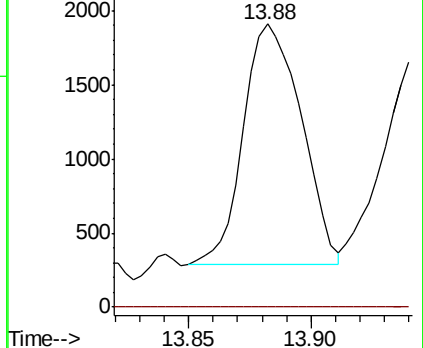
117 100

201 0.0 37.8 113.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.337 ug/l

RT: 14.28 min Scan# 3891

Delta R.T. 0.01 min

Lab File: VN059660.D

Acq: 18 Dec 2019 19:22

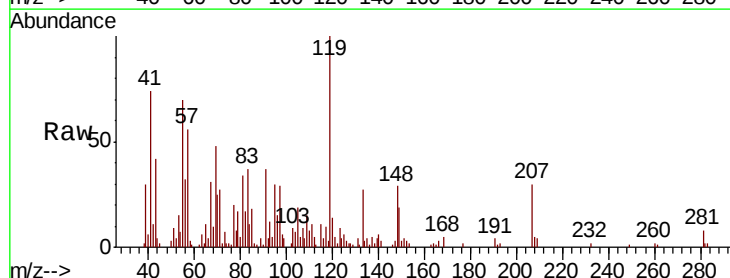
Tgt Ion: 75 Resp: 773

Ion Ratio Lower Upper

75 100

155 0.0 37.0 110.9#

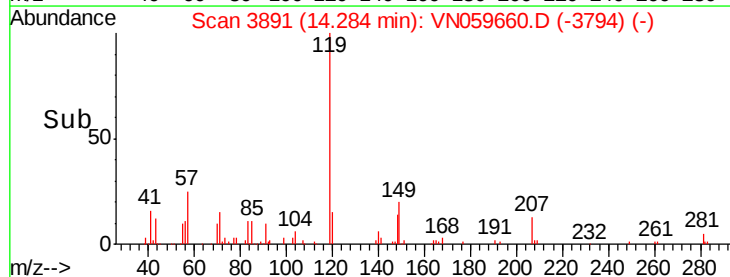
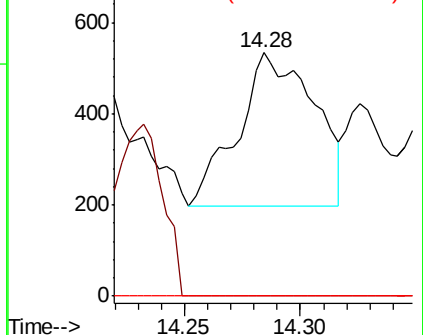
157 0.0 48.4 145.2#

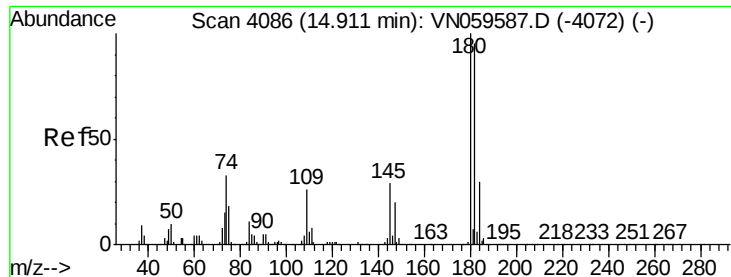


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 0.213 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. -0.00 min

Lab File: VN059660.D

Acq: 18 Dec 2019 19:22

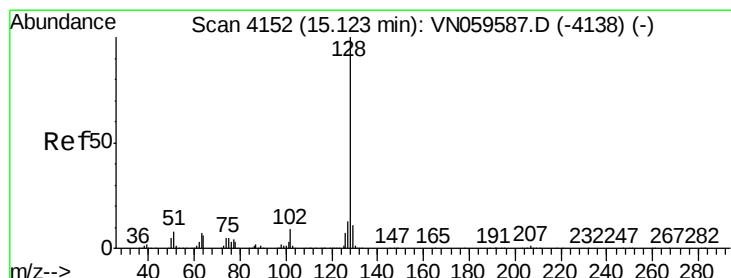
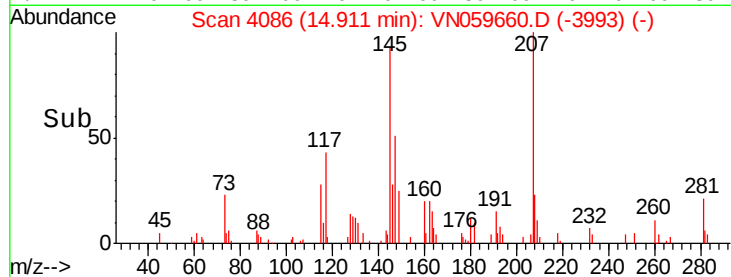
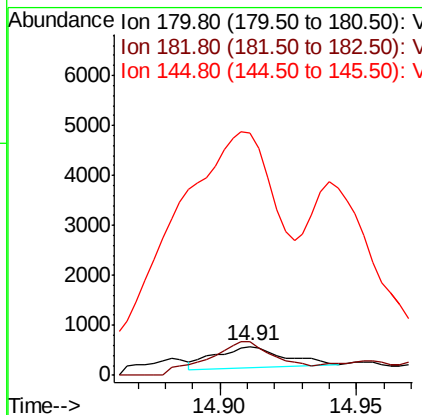
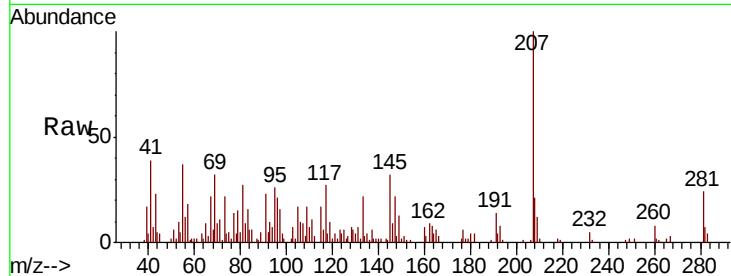
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:180 Resp: 718

Ion	Ratio	Lower	Upper
180	100		
182	168.5	46.9	140.7#
145	1544.8	15.0	45.1#



#95

Naphthalene

Concen: 0.443 ug/l

RT: 15.12 min Scan# 4150

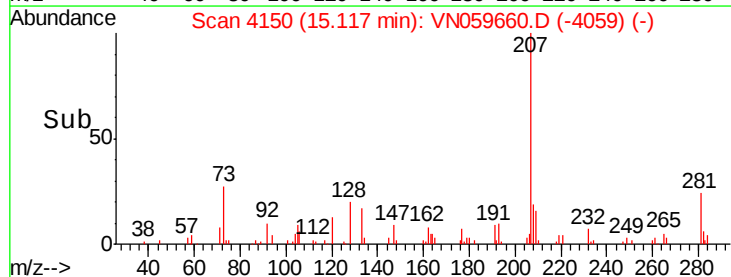
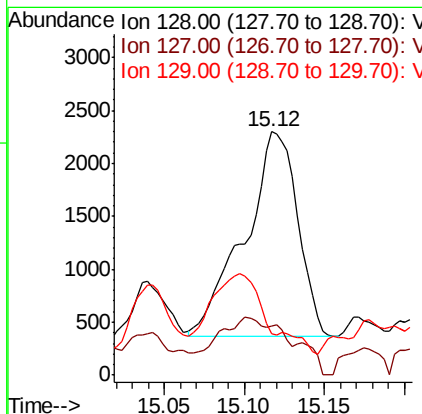
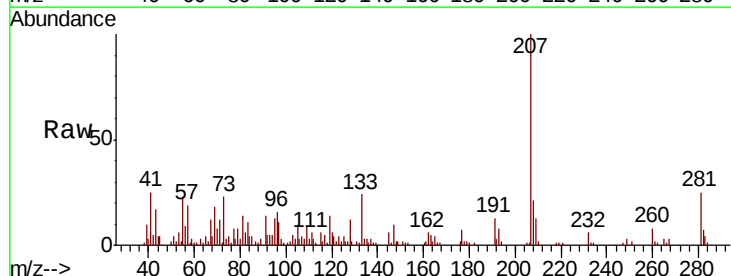
Delta R.T. -0.01 min

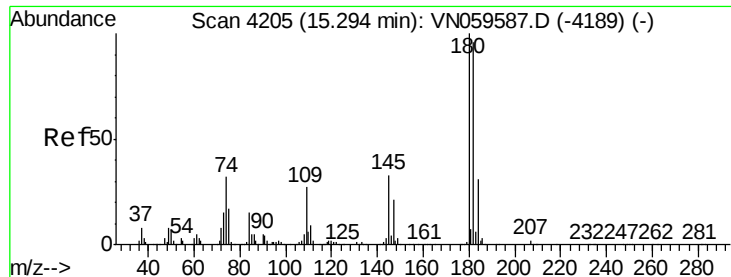
Lab File: VN059660.D

Acq: 18 Dec 2019 19:22

Tgt Ion:128 Resp: 4463

Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.4	15.6
129	25.1	8.6	12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.281 ug/l
 RT: 15.29 min Scan# 4205
 Delta R.T. -0.00 min
 Lab File: VN059660.D
 Acq: 18 Dec 2019 19:22

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	81.9	47.4	142.3
145	0.0	16.3	48.9

