

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112119\
 Data File : VN059339.D
 Acq On : 21 Nov 2019 16:34
 Operator : JC/SP
 Sample : K5957-04ME
 Misc : 4.33µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 22 06:03:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	1078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	2288	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	3807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	129671	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	1539	118.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	237.98%	
35) Dibromofluoromethane	7.57	113	420	30.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.20%	
50) Toluene-d8	10.08	98	96771	1773.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3546.70%	
62) 4-Bromofluorobenzene	12.39	95	830580	43530.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87060.16%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.03	50	576	34.069	ug/l #	85
5) Bromomethane	2.57	94	289	29.905	ug/l #	79
6) Chloroethane	2.59	64	478	50.315	ug/l #	44
10) Methyl Iodide	3.91	142	29	2.036	ug/l #	41
11) Tert butyl alcohol	4.71	59	12046	4651.659	ug/l #	73
13) Acrolein	3.58	56	116	49.071	ug/l	84
14) Allyl chloride	4.30	41	297	13.665	ug/l #	53
15) Acrylonitrile	5.00	53	137	20.009	ug/l #	18
16) Acetone	3.82	43	950	163.808	ug/l	92
17) Carbon Disulfide	4.00	76	3105	85.056	ug/l #	81
18) Methyl Acetate	4.29	43	917	47.644	ug/l #	53
20) Methylene Chloride	4.51	84	673	51.453	ug/l #	65
23) Vinyl Acetate	5.88	43	95	2.952	ug/l #	73
25) 2-Butanone	6.80	43	358	39.698	ug/l #	49
30) Chloroform	7.35	83	1745	78.147	ug/l	98
31) Cyclohexane	7.62	56	22722	997.682	ug/l #	72
37) Ethyl Acetate	6.86	43	97	3.821	ug/l #	68
39) Methylcyclohexane	9.07	83	200865	7052.221	ug/l	97
40) Benzene	8.02	78	407	5.871	ug/l #	53
41) Methacrylonitrile	7.18	41	70	6.212	ug/l #	100
43) Isopropyl Acetate	8.13	43	9378	241.730	ug/l #	54
44) Trichloroethene	8.82	130	841	47.867	ug/l	80
45) 1,2-Dichloropropane	9.06	63	1615	87.363	ug/l #	1
46) Dibromomethane	9.36	93	211	18.608	ug/l #	1
47) Bromodichloromethane	9.35	83	5326	234.536	ug/l #	64
48) Methyl methacrylate	9.26	41	11530	653.548	ug/l #	37
51) 4-Methyl-2-Pentanone	10.08	43	81774	3601.100	ug/l #	39
52) Toluene	10.15	92	904	21.687	ug/l #	1
53) t-1,3-Dichloropropene	10.38	75	490	18.562	ug/l #	1
54) cis-1,3-Dichloropropene	9.84	75	126	4.399	ug/l #	1
55) 1,1,2-Trichloroethane	10.53	97	483359	29823.666	ug/l #	18
56) Ethyl methacrylate	10.43	69	224421	7841.466	ug/l #	1
57) 1,3-Dichloropropane	10.71	76	150	5.310	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.72	63	1827	188.055	ug/l #	49

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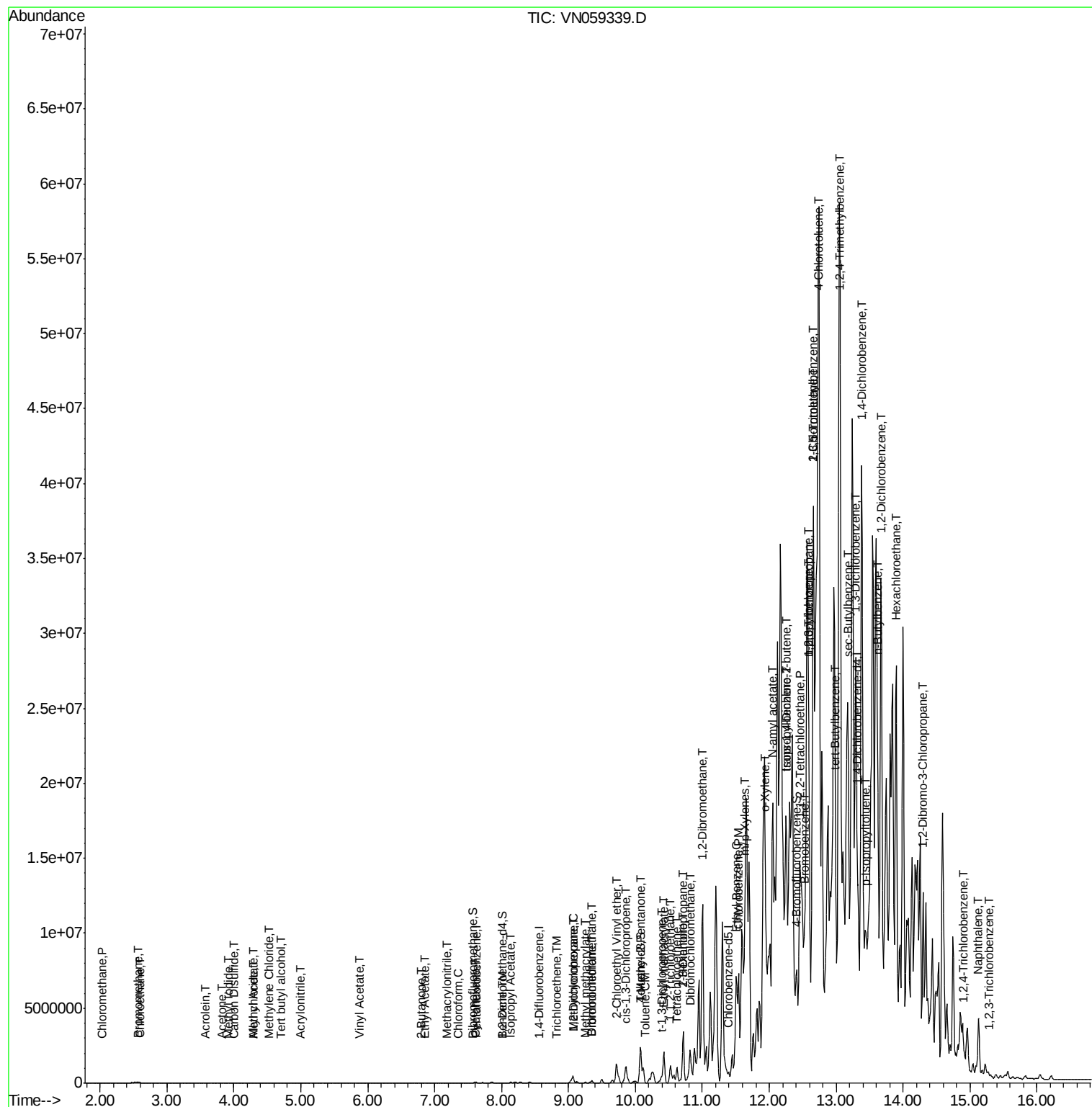
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 2-Hexanone	10.72	43	1408513	84708.124	ug/l #	28
60) Dibromochloromethane	10.82	129	3044	178.233	ug/l	63
61) 1,2-Dibromoethane	11.00	107	1657	98.259	ug/l #	1
64) Tetrachloroethene	10.63	164	12045	409.086	ug/l	97
65) Chlorobenzene	11.54	112	132185	1614.795	ug/l #	42
67) Ethyl Benzene	11.51	91	4041477	27651.343	ug/l #	86
68) m/p-Xylenes	11.63	106	1524994	28079.617	ug/l	96
69) o-Xylene	11.95	106	14692	282.574	ug/l #	1
73) Isopropylbenzene	12.25	105	5063087	476.640	ug/l	82
74) N-amyl acetate	12.05	43	3568644	835.934	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.47	83	669115	190.420	ug/l #	54
76) 1,2,3-Trichloropropane	12.60	75	118023	39.397	ug/l #	100
77) Bromobenzene	12.52	156	4719	1.832	ug/l #	1
78) n-propylbenzene	12.60	91	8105283	673.614	ug/l #	43
79) 2-Chlorotoluene	12.66	91	3068701	415.499	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.66	105	7915674	886.456	ug/l	71
81) trans-1,4-Dichloro-2-buten	12.25	75	74224	61.970	ug/l #	5
82) 4-Chlorotoluene	12.74	91	3038964	397.626	ug/l #	49
83) tert-Butylbenzene	13.00	119	1366205	181.154	ug/l	93
84) 1,2,4-Trimethylbenzene	13.05	105	12167708	1391.036	ug/l #	40
85) sec-Butylbenzene	13.18	105	6457163	637.029	ug/l #	19
86) p-Isopropyltoluene	13.45	119	2223146	246.470	ug/l	96
87) 1,3-Dichlorobenzene	13.29	146	1186	0.258	ug/l #	63
88) 1,4-Dichlorobenzene	13.37	146	5579	1.229	ug/l #	1
89) n-Butylbenzene	13.62	91	8994537	1136.736	ug/l #	78
90) Hexachloroethane	13.90	117	1490062	872.283	ug/l #	9
91) 1,2-Dichlorobenzene	13.66	146	2324	0.524	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	14.30	75	30704	41.099	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.91	180	2796	3.892	ug/l #	1
95) Naphthalene	15.13	128	3009794	371.908	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	1980	2.604	ug/l #	53

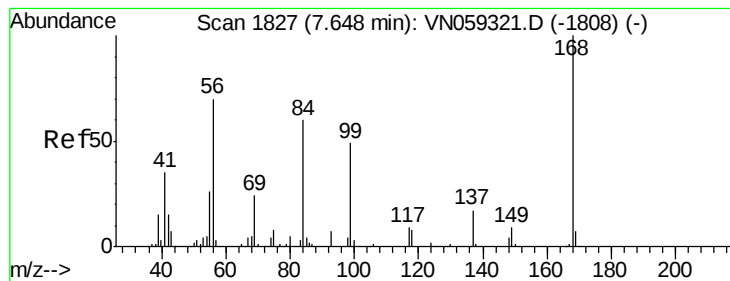
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.01 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

Instrument :

MSVOA_N

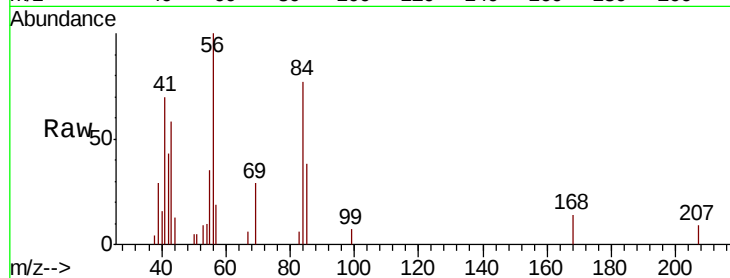
ClientSampleId :

Tot Ion:168 Resp: 1078

Ion Ratio Lower Upper

168 100

99 50.9 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

500

400

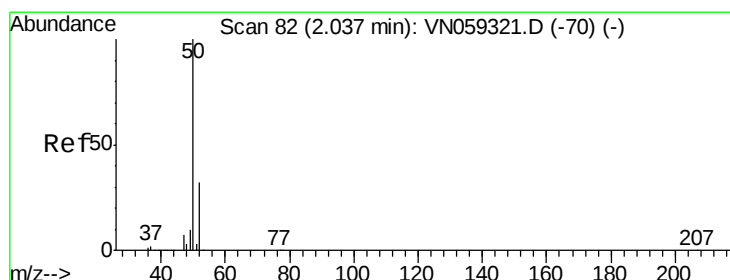
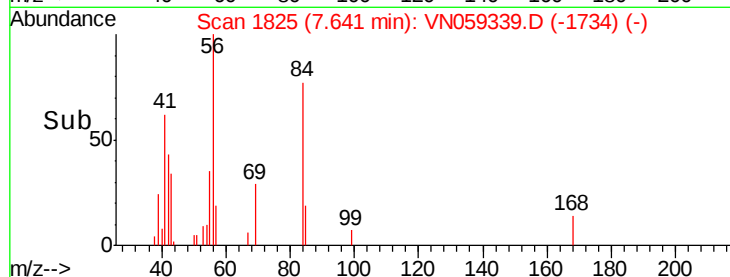
300

200

100

0

Time-->



#3

Chloromethane

Concen: 34.069 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN059339.D

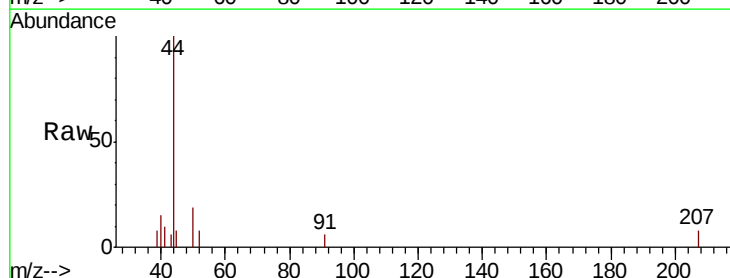
Acq: 21 Nov 2019 16:34

Tgt Ion: 50 Resp: 576

Ion Ratio Lower Upper

50 100

52 40.8 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.03

500

400

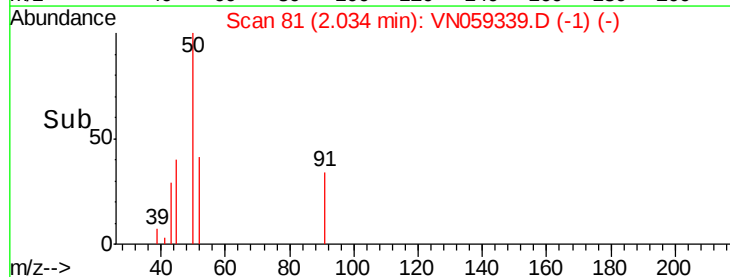
300

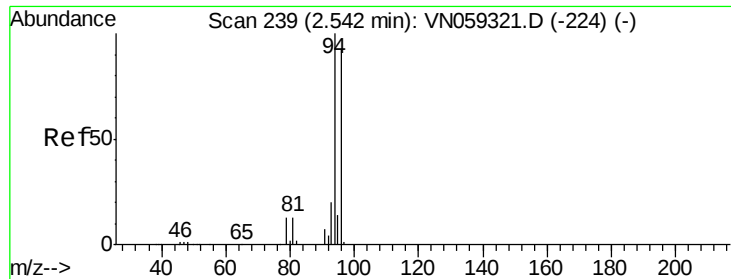
200

100

0

Time-->





#5

Bromomethane

Concen: 29.905 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.03 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

Instrument :

MSVOA_N

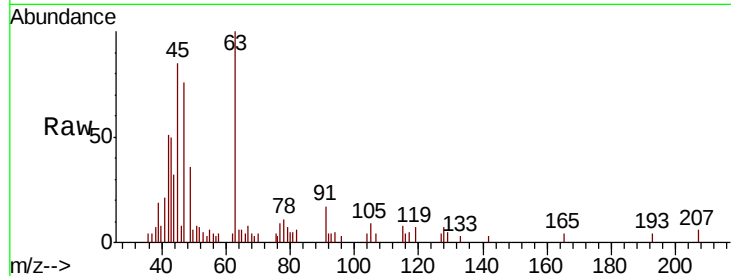
ClientSampleId :

Tot Ion: 94 Resp: 289

Ion Ratio Lower Upper

94 100

96 73.1 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

250

200

150

100

50

0

2.54

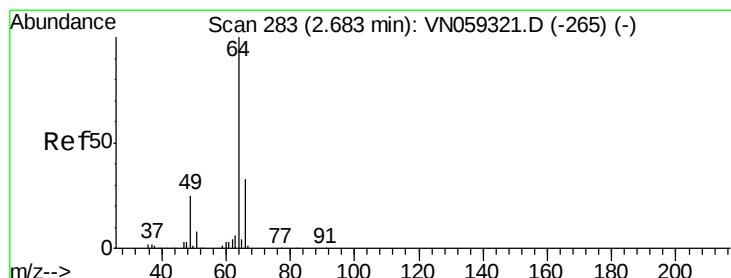
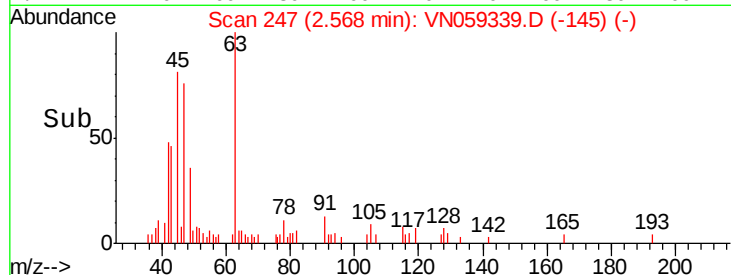
2.56

2.57

2.58

2.60

Time-->



#6

Chloroethane

Concen: 50.315 ug/l

RT: 2.59 min Scan# 255

Delta R.T. -0.09 min

Lab File: VN059339.D

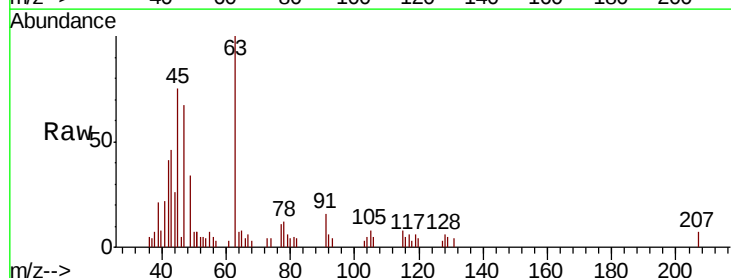
Acq: 21 Nov 2019 16:34

Tgt Ion: 64 Resp: 478

Ion Ratio Lower Upper

64 100

66 64.3 26.2 39.2#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

400

300

200

100

0

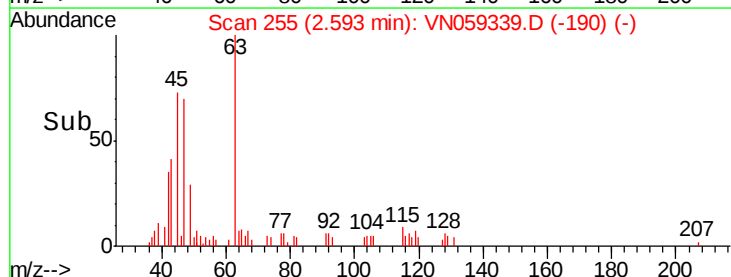
2.58

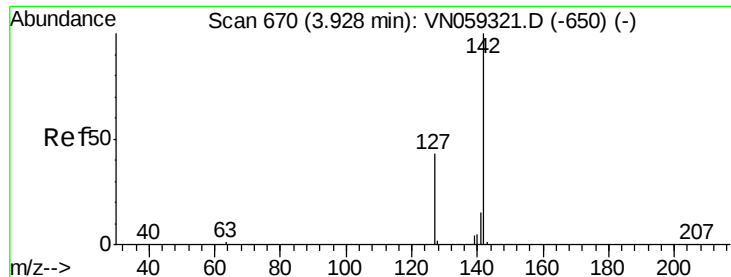
2.59

2.60

2.62

Time-->

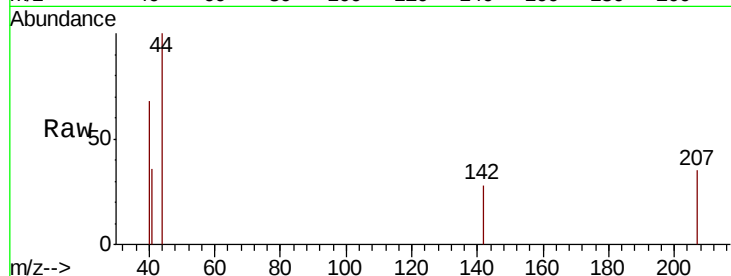




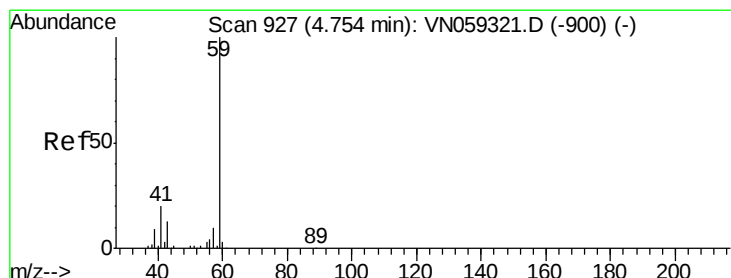
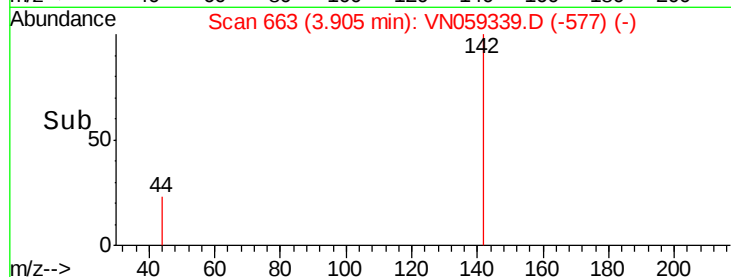
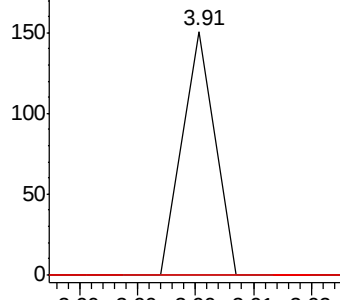
#10
Methvl Iodide
Concen: 2.036 ug/l
RT: 3.91 min Scan# 663
Delta R.T. -0.02 min
Lab File: VN059339.D
Acq: 21 Nov 2019 16:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:142 Resp: 29
Ion Ratio Lower Upper
142 100
127 0.0 33.8 50.6#
141 0.0 11.2 16.8#

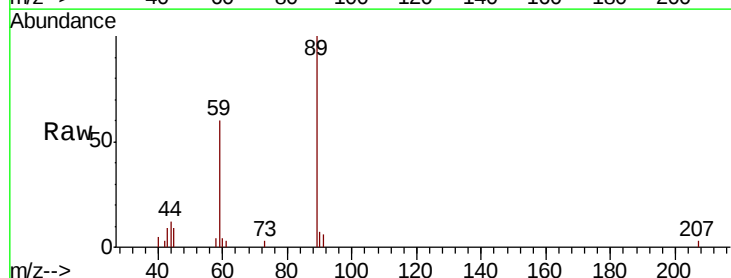


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

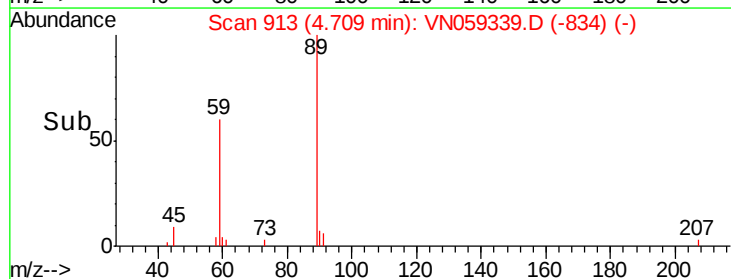
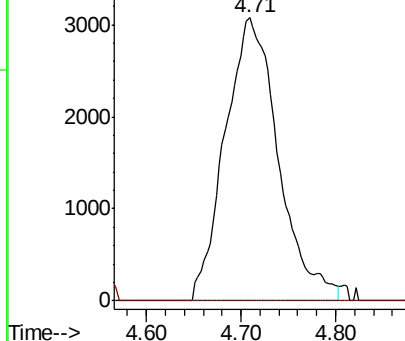


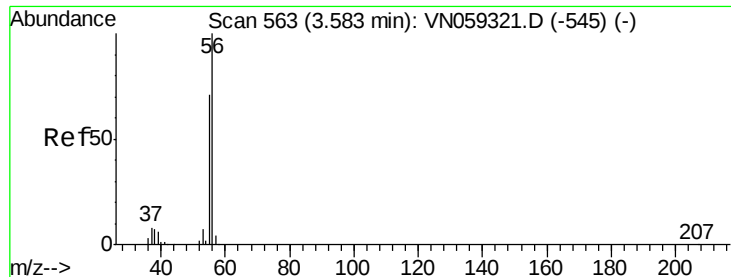
#11
Tert butyl alcohol
Concen: 4651.659 ug/l
RT: 4.71 min Scan# 913
Delta R.T. -0.04 min
Lab File: VN059339.D
Acq: 21 Nov 2019 16:34

Tgt Ion: 59 Resp: 12046
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): V
Ion 57.00 (56.70 to 57.70): V





#13

Acrolein

Concen: 49.071 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

Instrument :

MSVOA_N

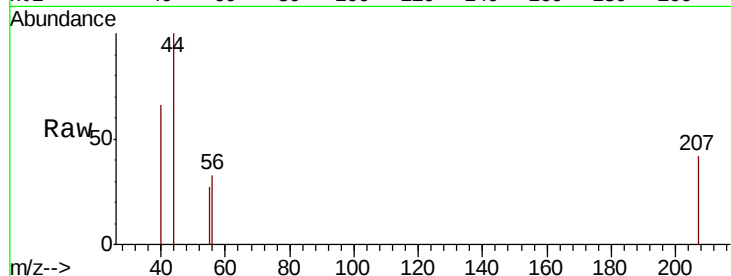
ClientSampleId :

Tot Ion: 56 Resp: 116

Ion Ratio Lower Upper

56 100

55 85.3 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.58

200

150

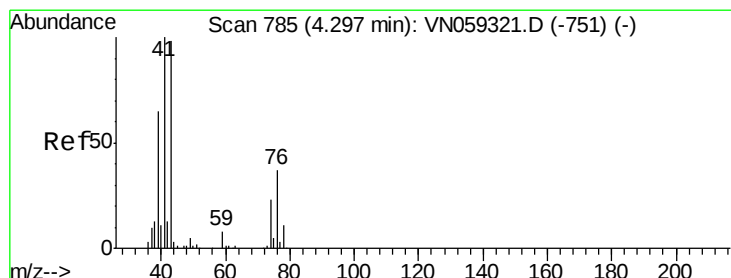
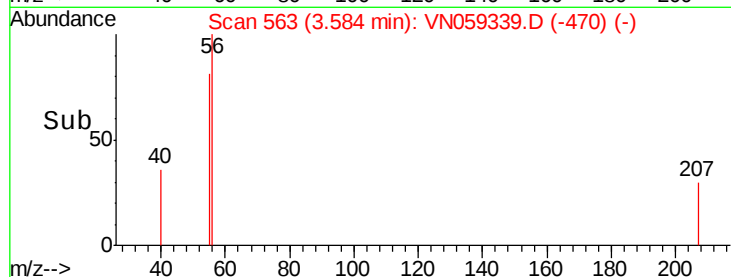
100

50

0

3.57 3.58 3.59 3.60

Time-->



#14

Allyl chloride

Concen: 13.665 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

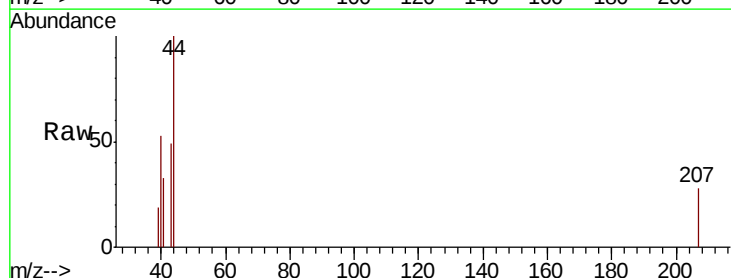
Tgt Ion: 41 Resp: 297

Ion Ratio Lower Upper

41 100

39 30.0 48.4 72.6#

76 0.0 26.2 39.4#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

300

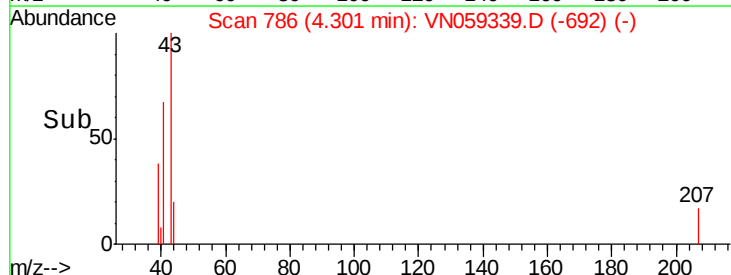
200

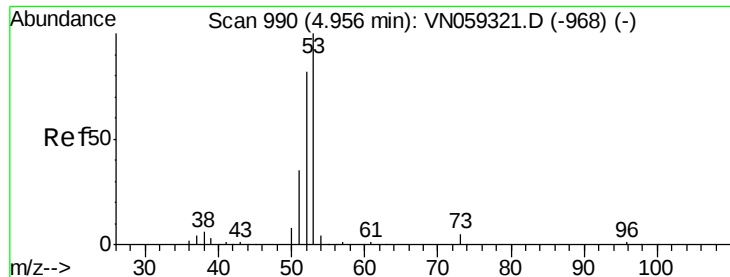
100

0

4.28 4.29 4.30 4.31 4.32

Time-->





#15

Acrylonitrile

Concen: 20.009 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.04 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

Instrument :

MSVOA_N

ClientSampled :

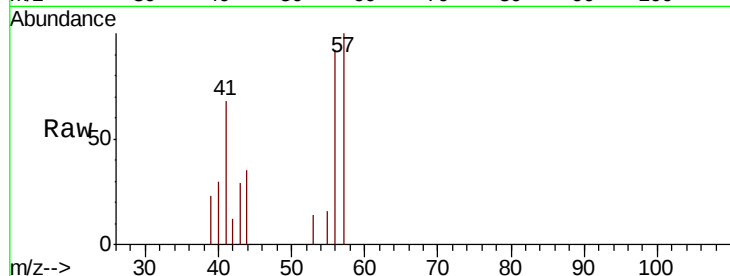
Tot Ion: 53 Resp: 137

Ion Ratio Lower Upper

53 100

52 0.0 65.8 98.8#

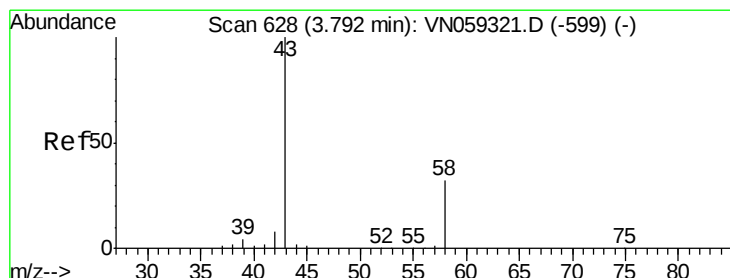
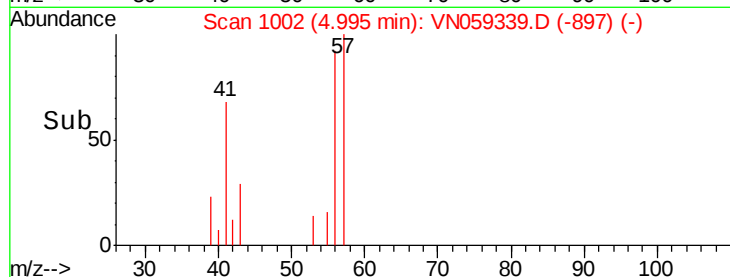
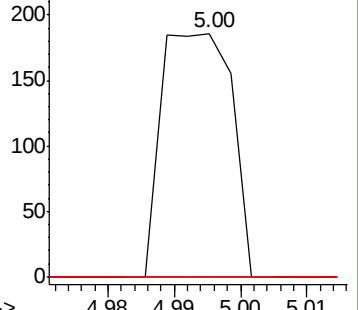
51 0.0 28.2 42.2#



Abundance Ion 53.00 (52.70 to 53.70): VN059339.D (-1002) (-)

Ion 52.00 (51.70 to 52.70): VN059339.D (-1002) (-)

Ion 51.00 (50.70 to 51.70): VN059339.D (-1002) (-)



#16

Acetone

Concen: 163.808 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.02 min

Lab File: VN059339.D

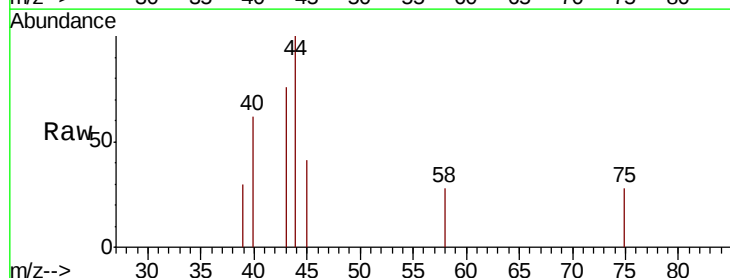
Acq: 21 Nov 2019 16:34

Tgt Ion: 43 Resp: 950

Ion Ratio Lower Upper

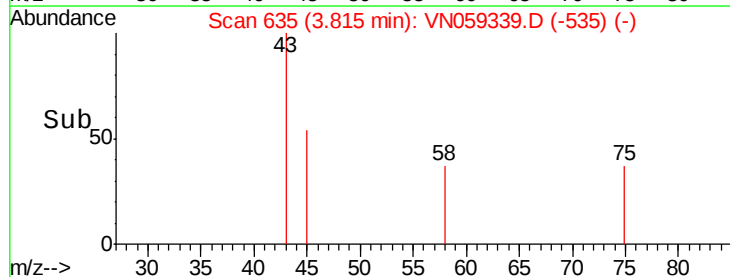
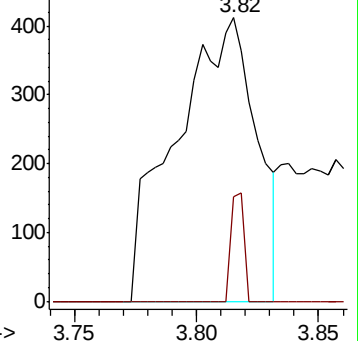
43 100

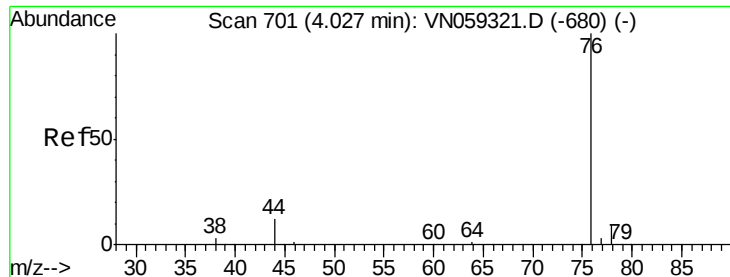
58 36.7 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN059339.D (-635) (-)

Ion 58.00 (57.70 to 58.70): VN059339.D (-635) (-)





#17

Carbon Disulfide

Concen: 85.056 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.02 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

Instrument :

MSVOA_N

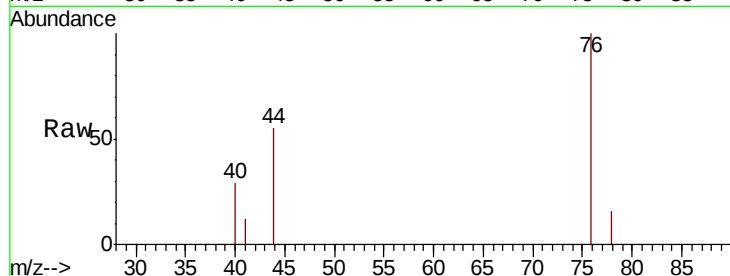
ClientSampled :

Tot Ion: 76 Resp: 3105

Ion Ratio Lower Upper

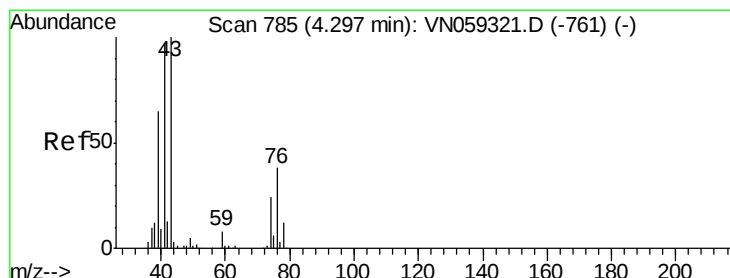
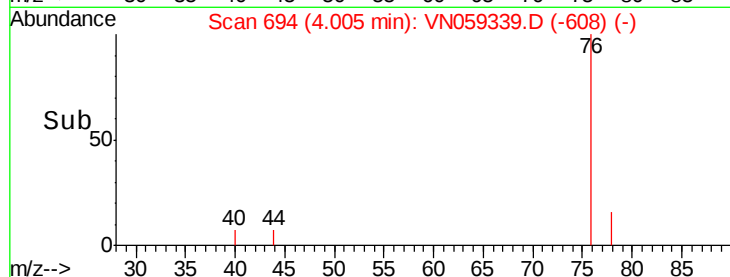
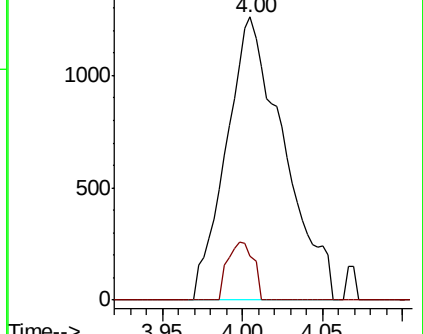
76 100

78 15.7 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 47.644 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059339.D

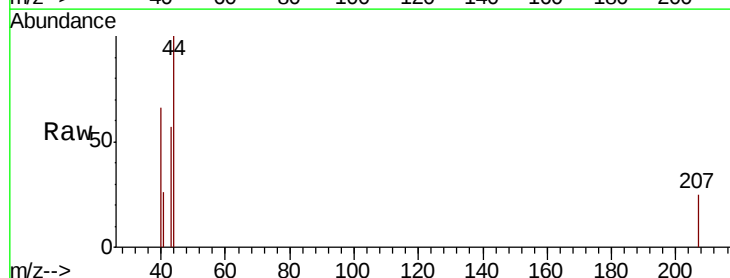
Acq: 21 Nov 2019 16:34

Tgt Ion: 43 Resp: 917

Ion Ratio Lower Upper

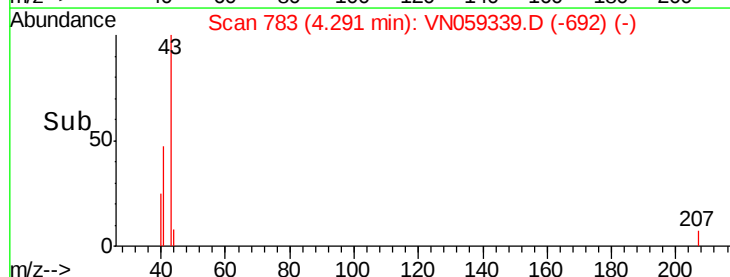
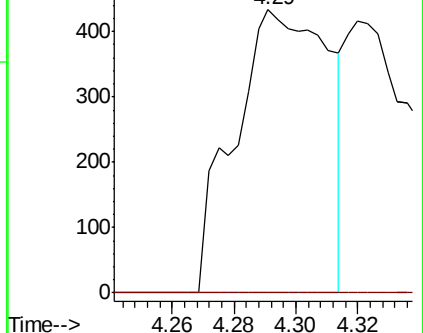
43 100

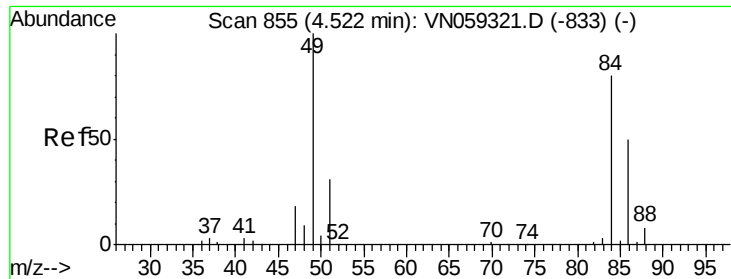
74 0.0 18.1 27.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methvlene Chloride

Concen: 51.453 ug/l

RT: 4.51 min Scan# 852

Delta R.T. -0.01 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 84 Resp: 673

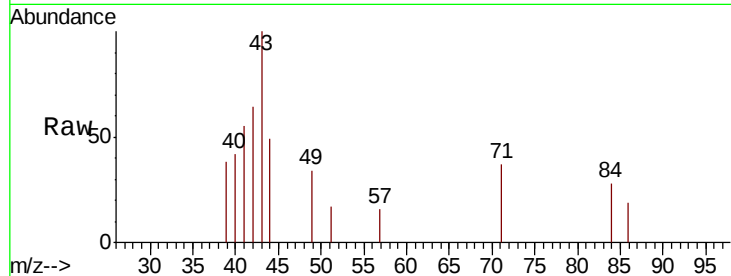
Ion Ratio Lower Upper

84 100

49 68.5 99.5 149.3#

51 60.5 31.1 46.7#

86 66.1 49.9 74.9

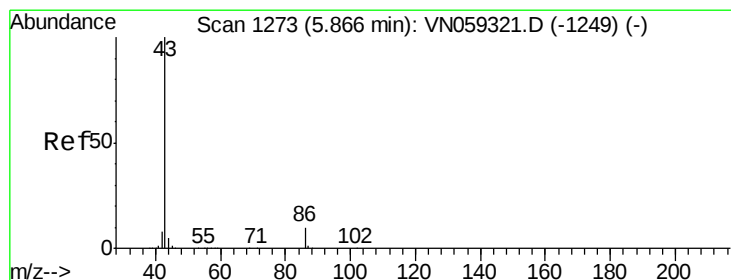
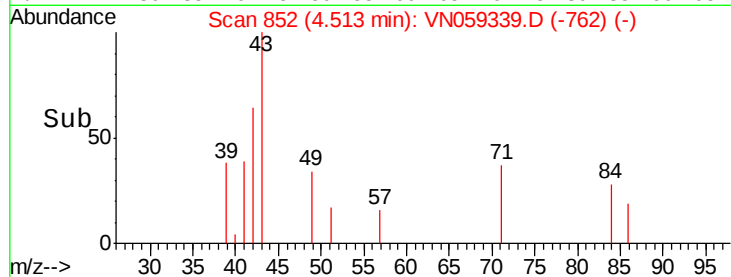
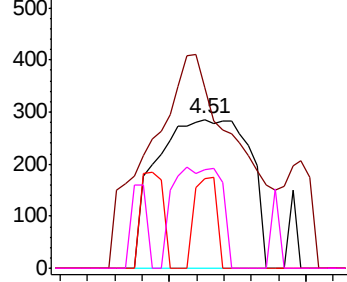


Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC



#23

Vinyl Acetate

Concen: 2.952 ug/l

RT: 5.88 min Scan# 1277

Delta R.T. 0.01 min

Lab File: VN059339.D

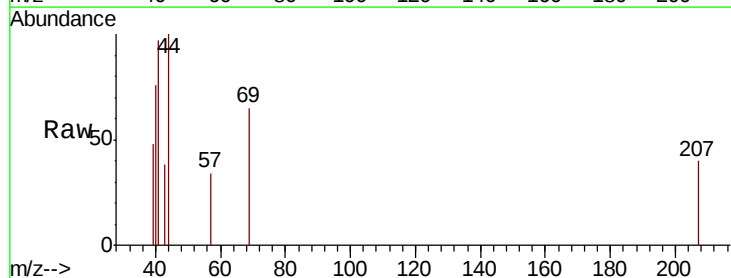
Acq: 21 Nov 2019 16:34

Tgt Ion: 43 Resp: 95

Ion Ratio Lower Upper

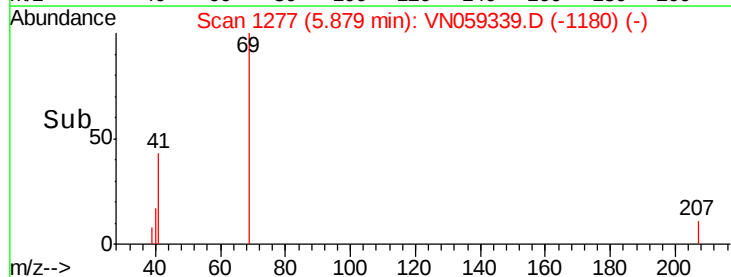
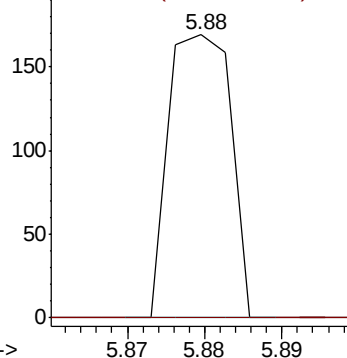
43 100

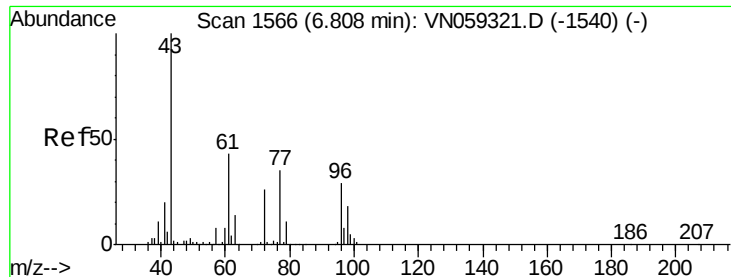
86 0.0 8.0 12.0#



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 86.00 (85.70 to 86.70): VNC





#25

2-Butanone

Concen: 39.698 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

Instrument :

MSVOA_N

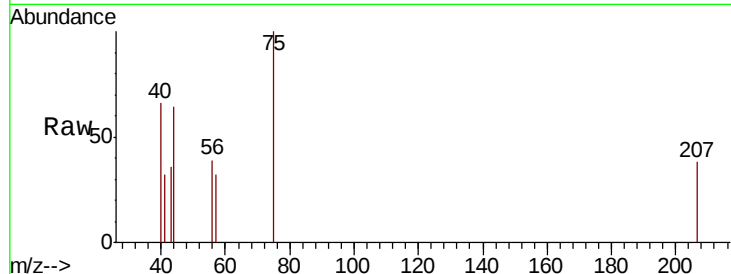
ClientSampleId :

Tot Ion: 43 Resp: 358

Ion Ratio Lower Upper

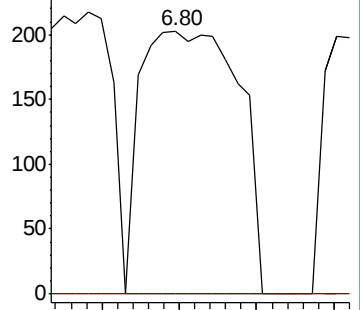
43 100

72 0.0 20.5 30.7#

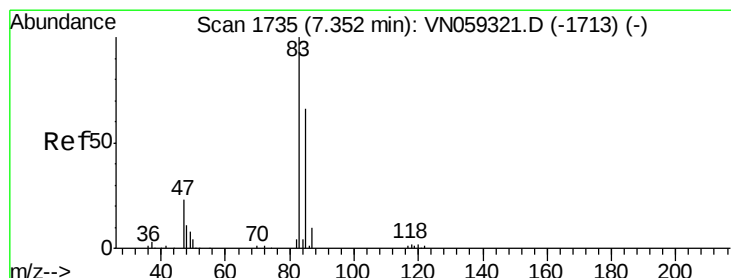
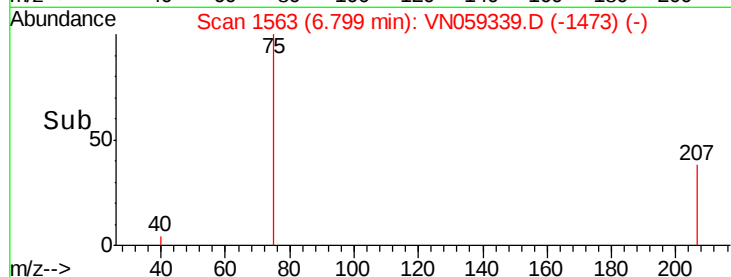


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



Time-->



#30

Chloroform

Concen: 78.147 ug/l

RT: 7.35 min Scan# 1734

Delta R.T. -0.00 min

Lab File: VN059339.D

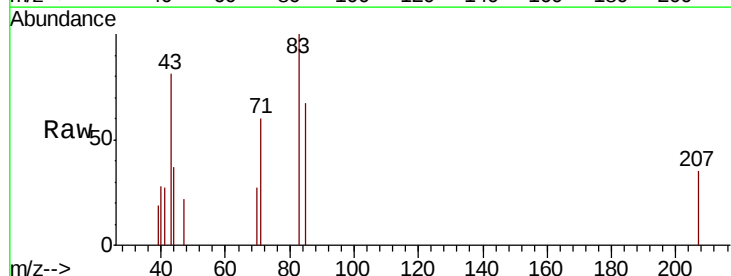
Acq: 21 Nov 2019 16:34

Tgt Ion: 83 Resp: 1745

Ion Ratio Lower Upper

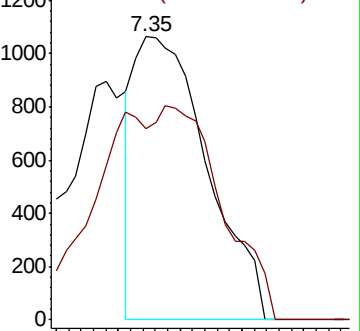
83 100

85 67.4 52.7 79.1

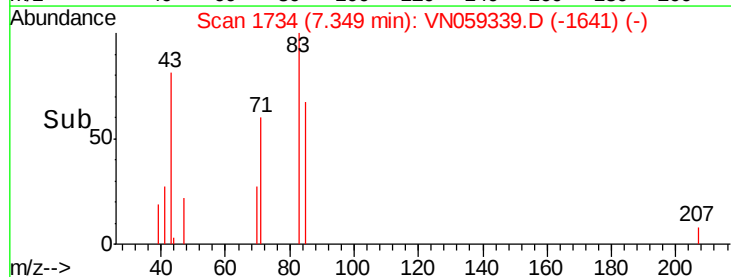


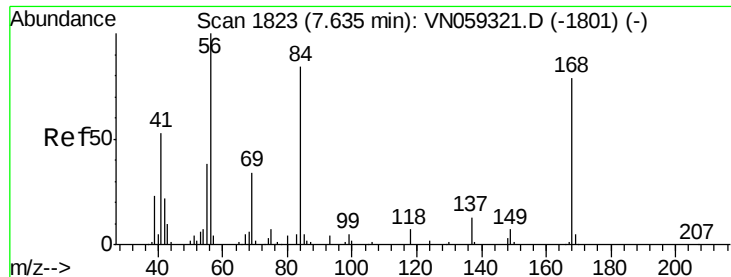
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time-->

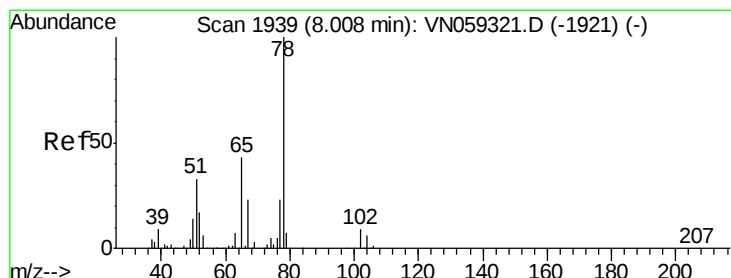
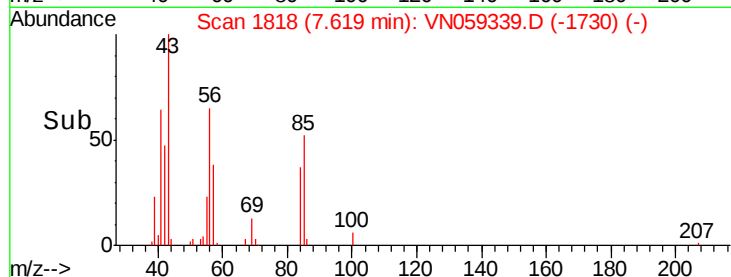
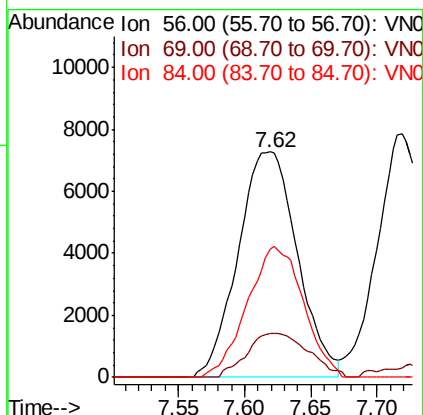
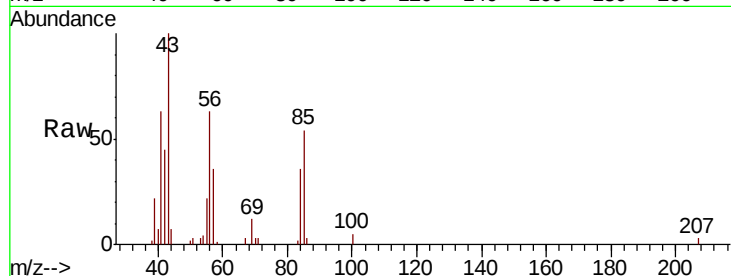




#31
Cyclohexane
Concen: 997.682 ug/l
RT: 7.62 min Scan# 1818
Delta R.T. -0.02 min
Lab File: VN059339.D
Acq: 21 Nov 2019 16:34

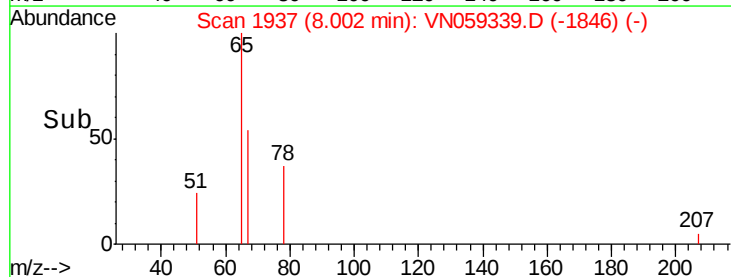
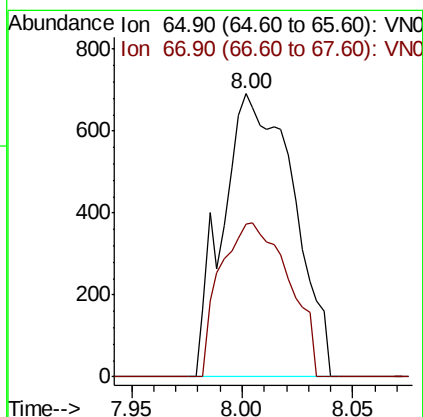
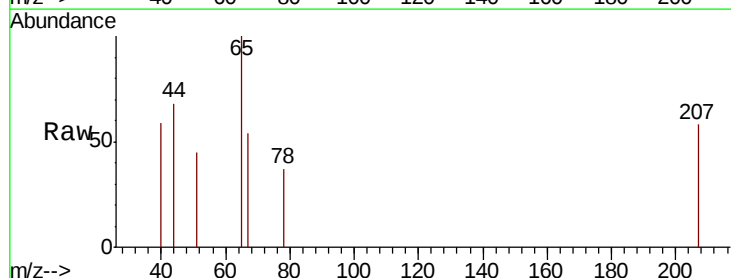
Instrument :
MSVOA_N
ClientSampled :

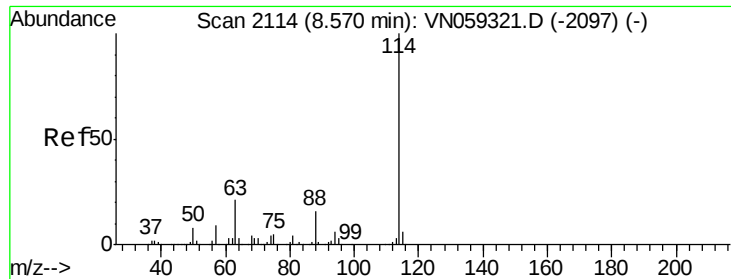
Tot Ion: 56 Resp: 22722
Ion Ratio Lower Upper
56 100
69 19.5 26.6 40.0#
84 56.8 67.0 100.4#



#33
1,2-Dichloroethane-d4
Concen: 118.986 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.01 min
Lab File: VN059339.D
Acq: 21 Nov 2019 16:34

Tgt Ion: 65 Resp: 1539
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.4

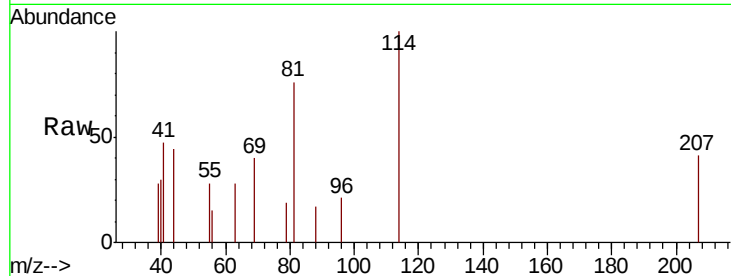




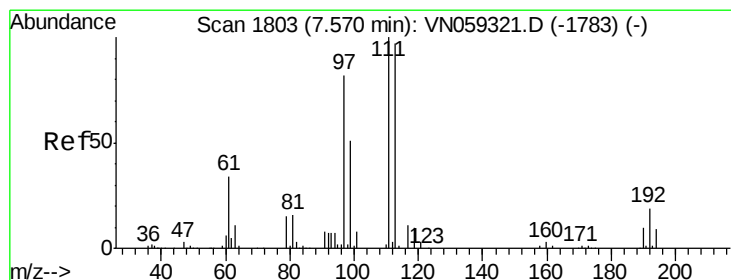
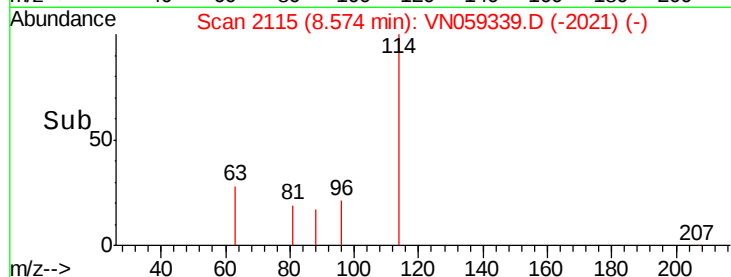
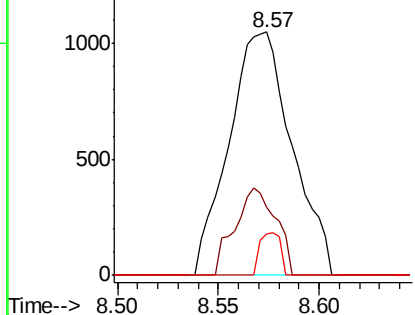
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN059339.D
 Acq: 21 Nov 2019 16:34

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:114 Resp: 2288
 Ion Ratio Lower Upper
 114 100
 63 28.3 0.0 42.2
 88 16.9 0.0 32.2

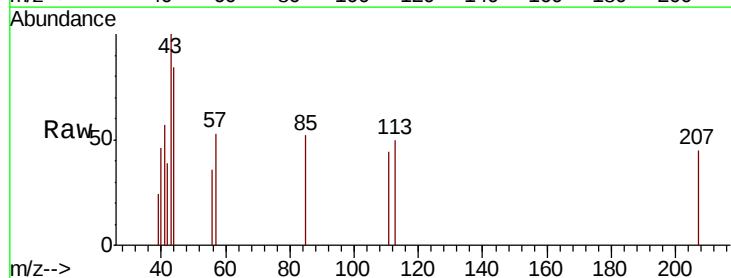


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

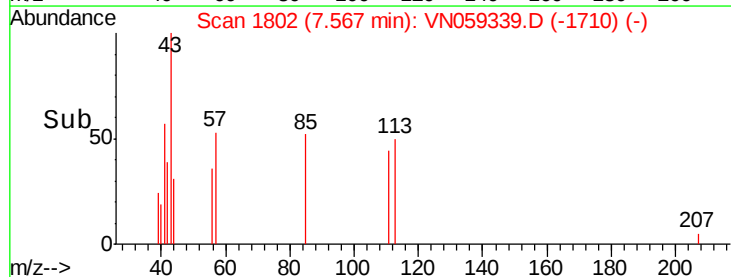
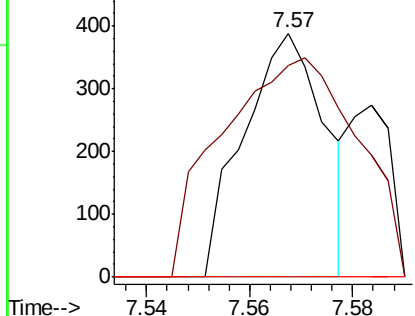


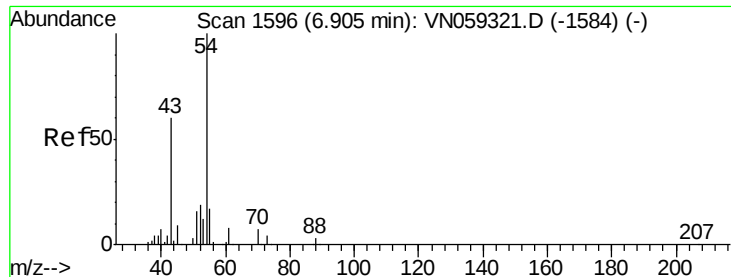
#35
 Dibromofluoromethane
 Concen: 30.597 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059339.D
 Acq: 21 Nov 2019 16:34

Tgt Ion:113 Resp: 420
 Ion Ratio Lower Upper
 113 100
 111 152.1 82.7 124.1#
 192 0.0 16.3 24.5#



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

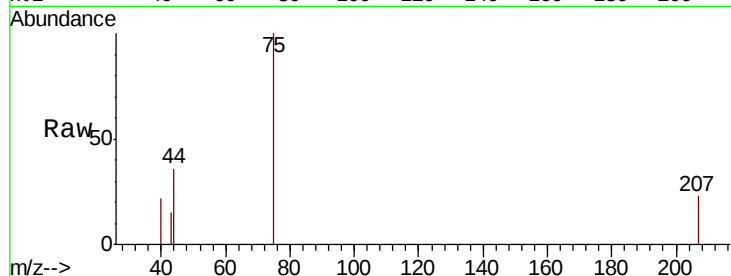




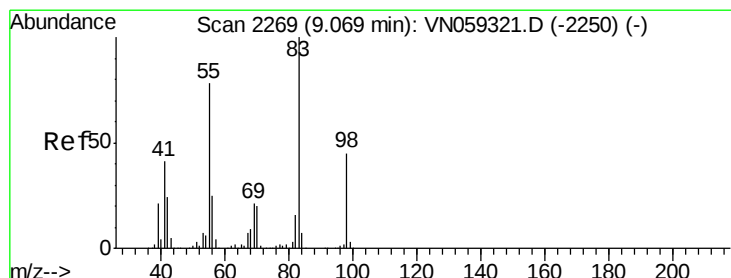
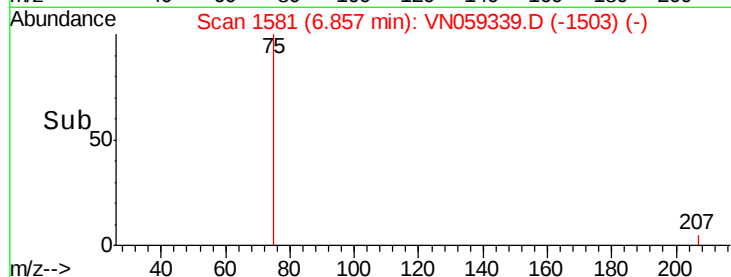
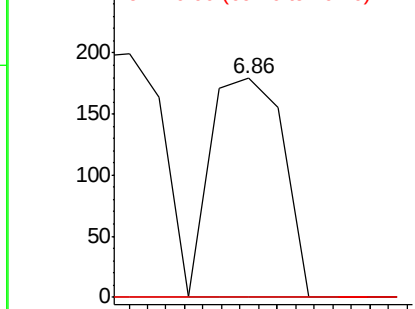
#37
Ethyl Acetate
Concen: 3.821 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. -0.05 min
Lab File: VN059339.D
Acq: 21 Nov 2019 16:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 97
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.6#
70 0.0 8.8 13.2#

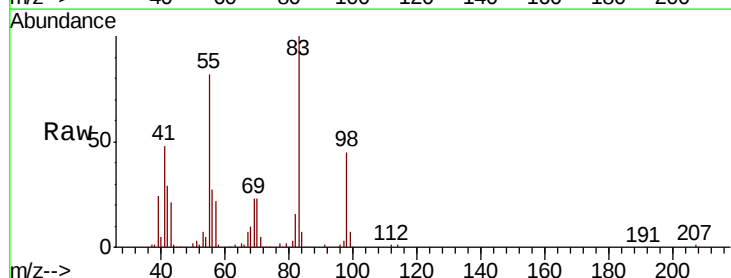


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

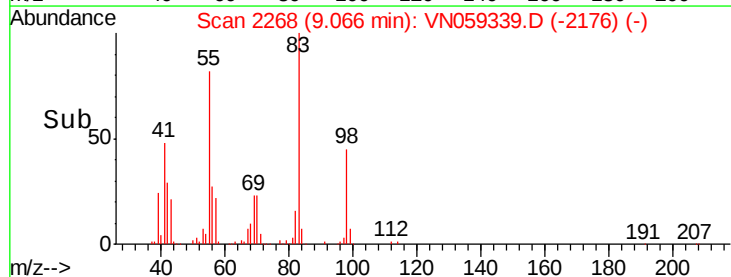
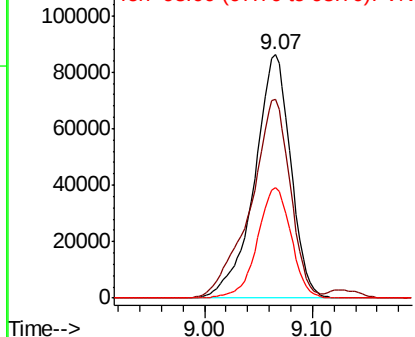


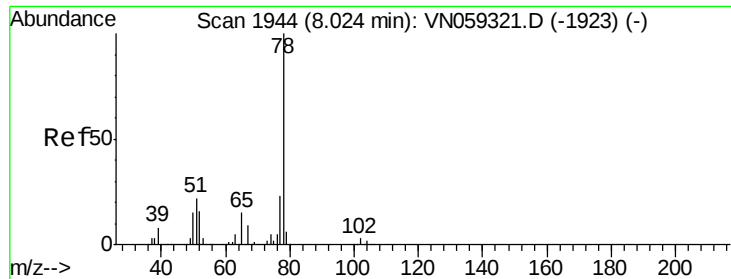
#39
Methylcyclohexane
Concen: 7052.221 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059339.D
Acq: 21 Nov 2019 16:34

Tgt Ion: 83 Resp: 200865
Ion Ratio Lower Upper
83 100
55 81.7 62.3 93.5
98 45.1 36.0 54.0



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: 5.871 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

Instrument :

MSVOA_N

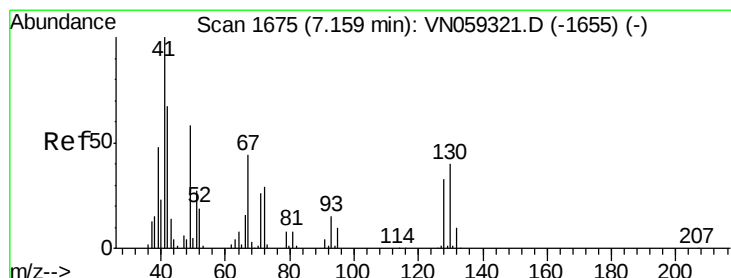
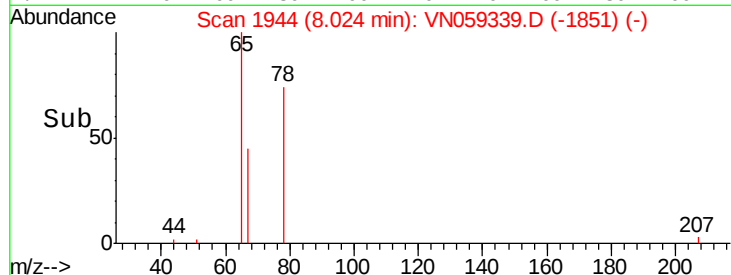
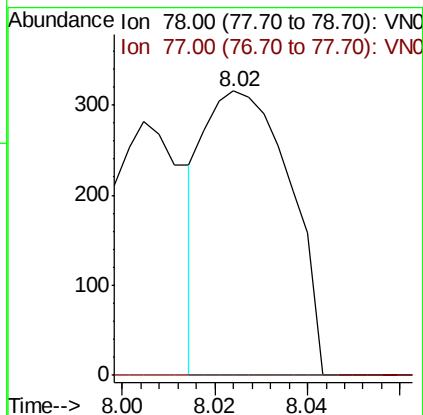
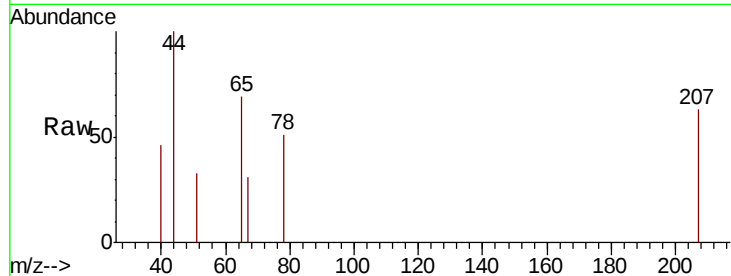
ClientSampleId :

Tot Ion: 78 Resp: 407

Ion Ratio Lower Upper

78 100

77 0.0 18.4 27.6#



#41

Methacrylonitrile

Concen: 6.212 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. 0.03 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

Tgt Ion: 41 Resp: 70

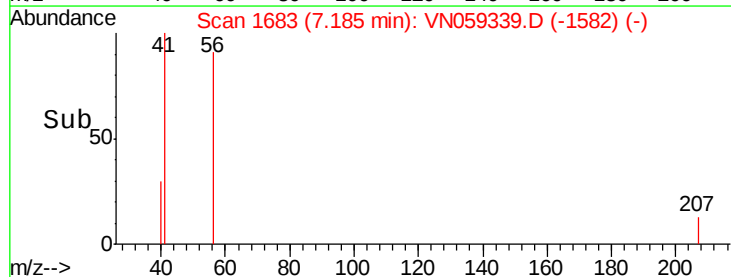
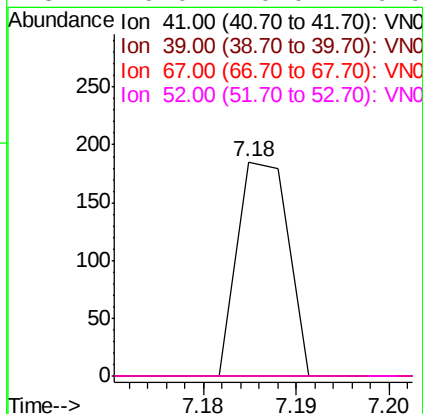
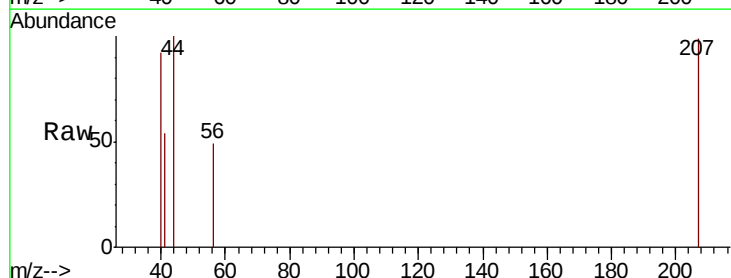
Ion Ratio Lower Upper

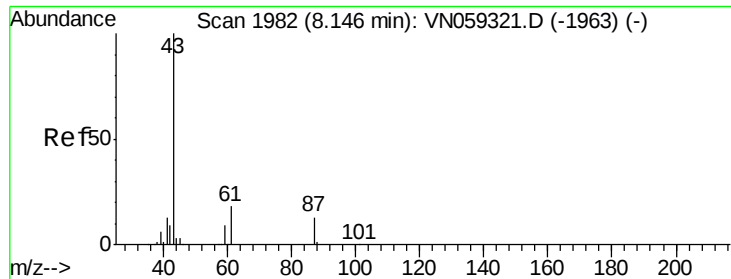
41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0



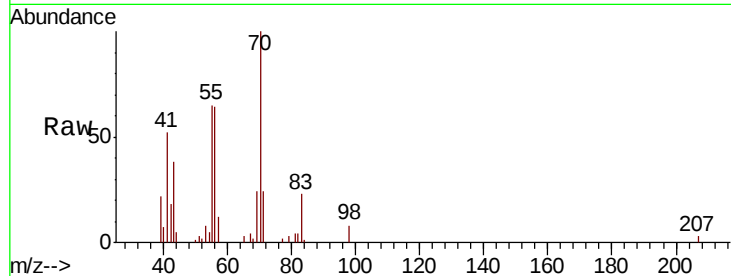


#43

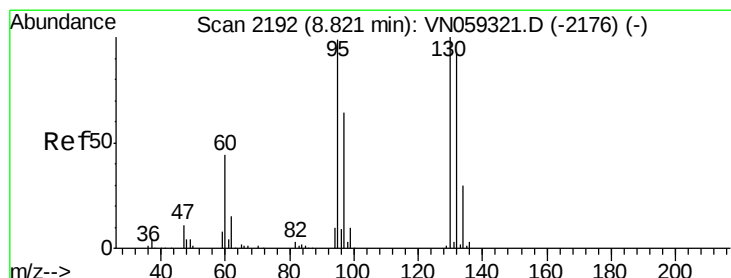
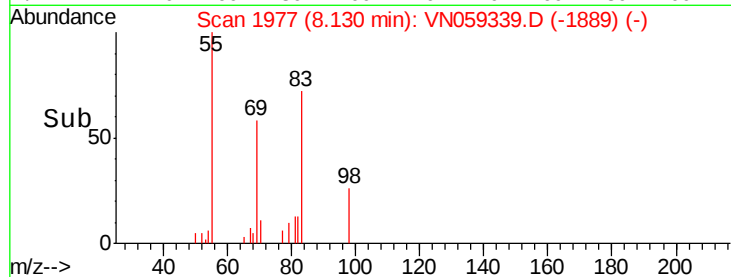
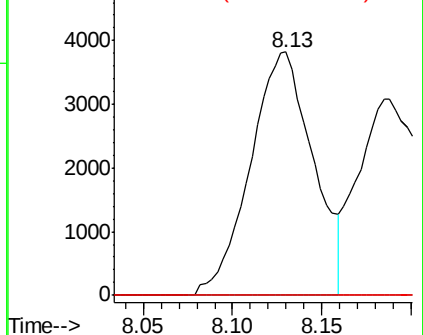
Isopropyl Acetate
 Concen: 241.730 ug/l
 RT: 8.13 min Scan# 1977
 Delta R.T. -0.02 min
 Lab File: VN059339.D
 Acq: 21 Nov 2019 16:34

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 43 Resp: 9378
 Ion Ratio Lower Upper
 43 100
 61 0.0 21.7 32.5#
 87 0.0 10.2 15.4#



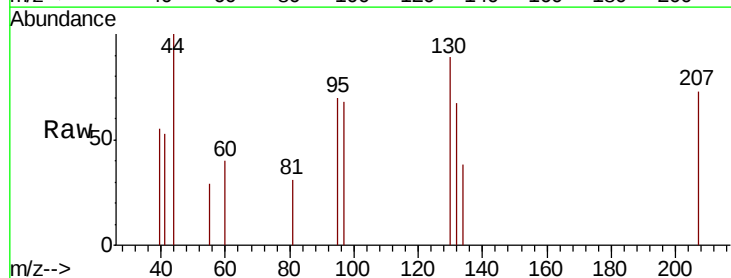
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



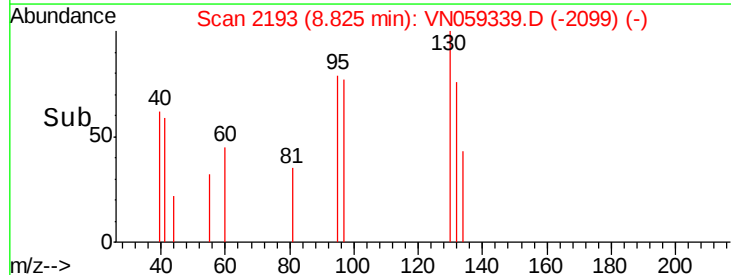
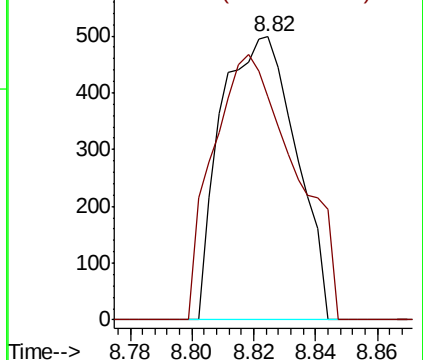
#44

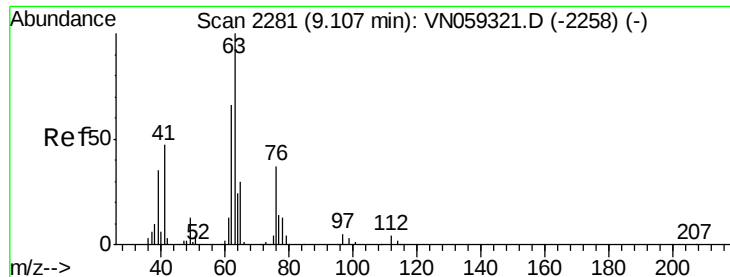
Trichloroethene
 Concen: 47.867 ug/l
 RT: 8.82 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VN059339.D
 Acq: 21 Nov 2019 16:34

Tgt Ion: 130 Resp: 841
 Ion Ratio Lower Upper
 130 100
 95 78.9 0.0 198.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 87.363 ug/l

RT: 9.06 min Scan# 2267

Delta R.T. -0.04 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

Instrument :

MSVOA_N

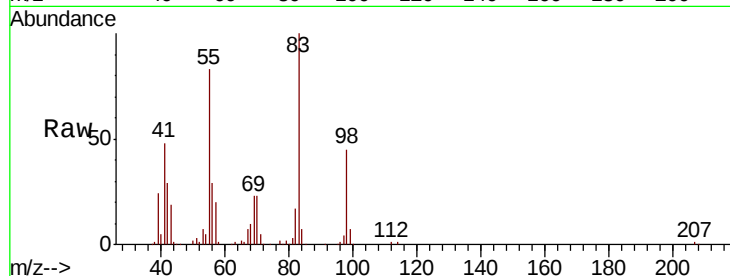
ClientSampleId :

Tot Ion: 63 Resp: 1615

Ion Ratio Lower Upper

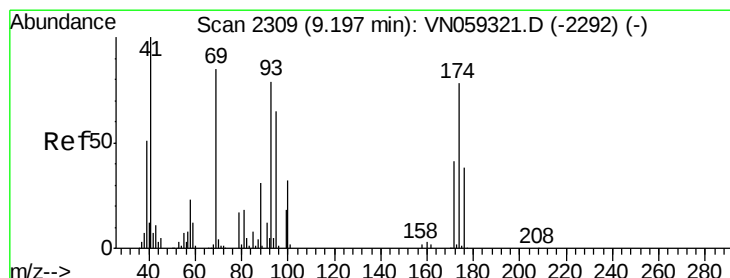
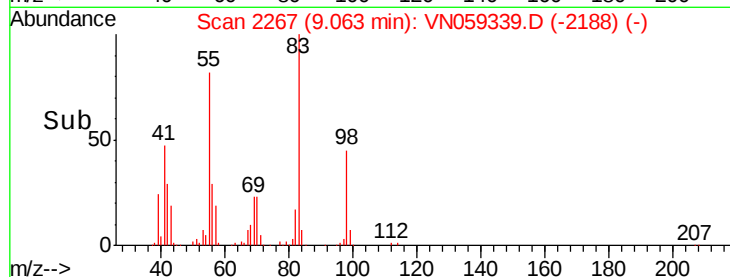
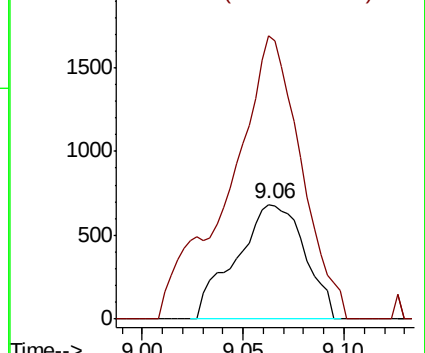
63 100

65 221.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.608 ug/l

RT: 9.36 min Scan# 2358

Delta R.T. 0.16 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

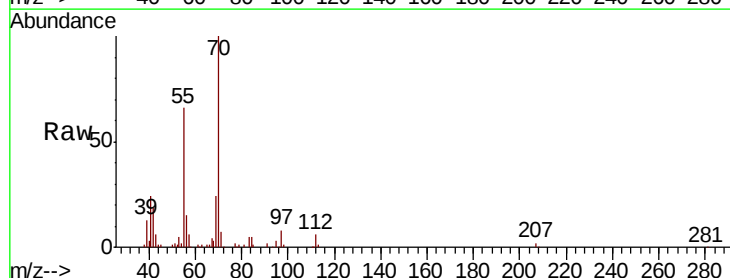
Tgt Ion: 93 Resp: 211

Ion Ratio Lower Upper

93 100

95 1215.2 66.9 100.3#

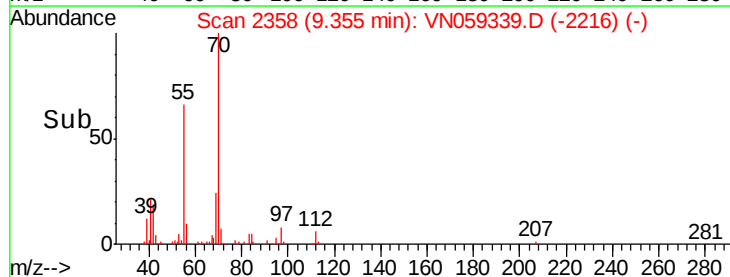
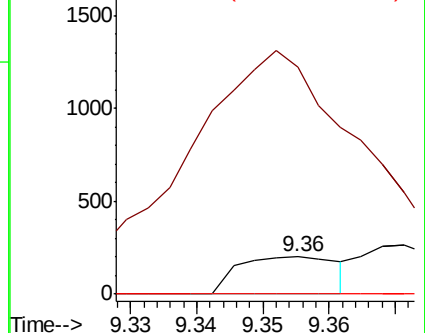
174 0.0 80.6 120.8#

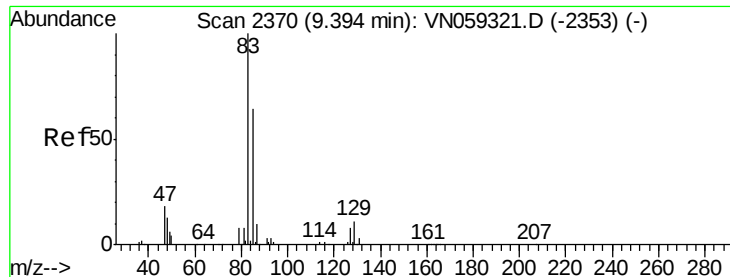


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 234.536 ug/l

RT: 9.35 min Scan# 2357

Delta R.T. -0.04 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

Instrument :

MSVOA_N

ClientSampleId :

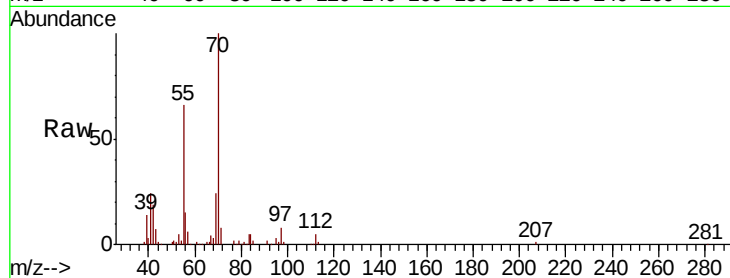
Tot Ion: 83 Resp: 5326

Ion Ratio Lower Upper

83 100

85 34.5 51.5 77.3#

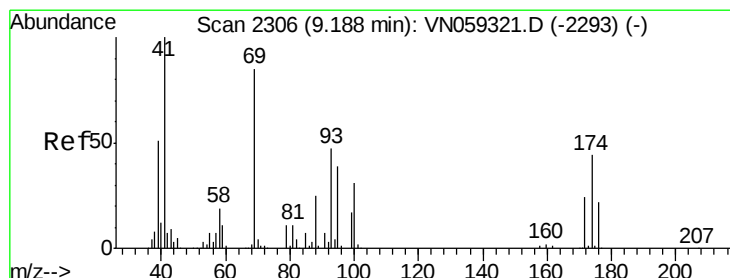
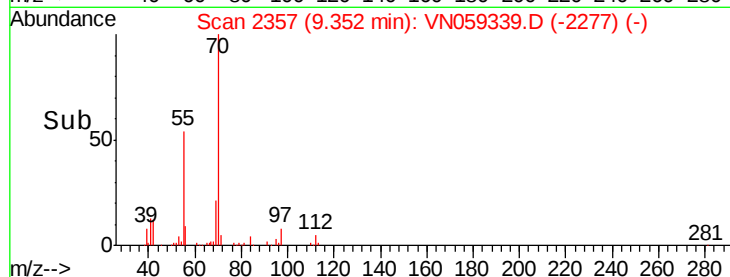
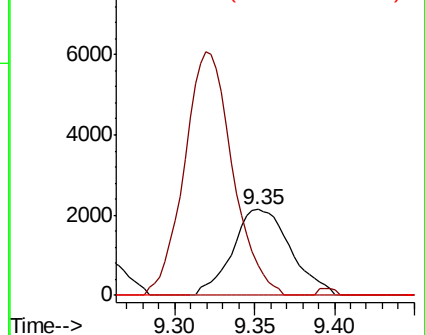
127 0.0 6.6 10.0#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 653.548 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.07 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

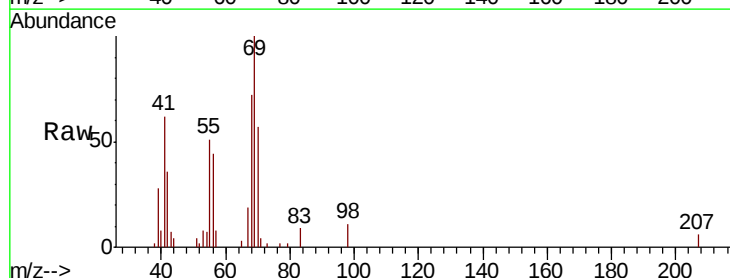
Tgt Ion: 41 Resp: 11530

Ion Ratio Lower Upper

41 100

69 171.4 68.8 103.2#

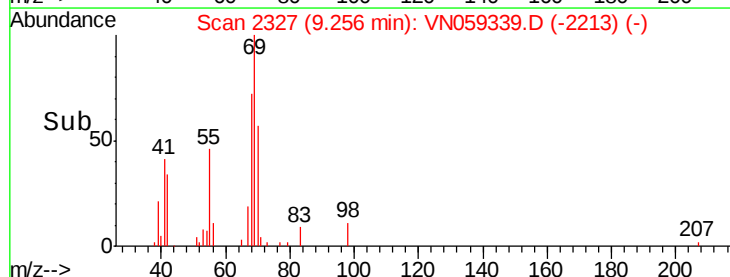
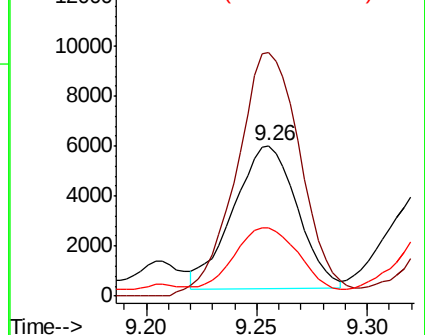
39 41.9 42.1 63.1#

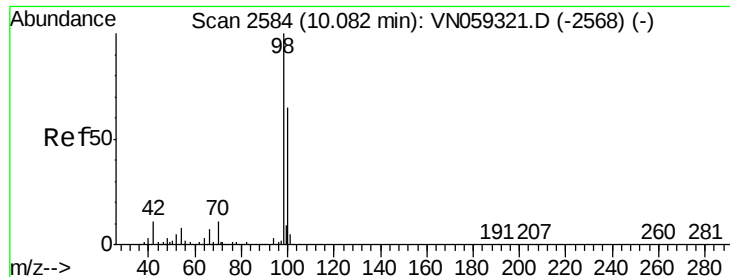


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 1773.345 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.01 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

Instrument :

MSVOA_N

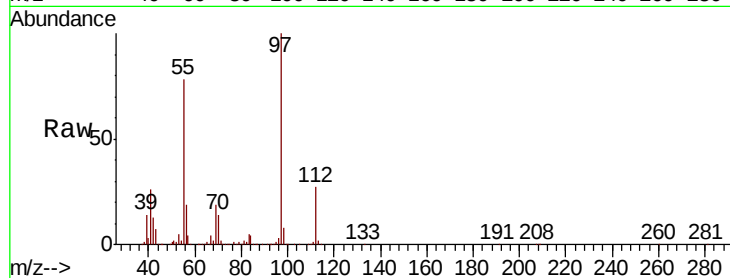
ClientSampled :

Tot Ion: 98 Resp: 96771

Ion Ratio Lower Upper

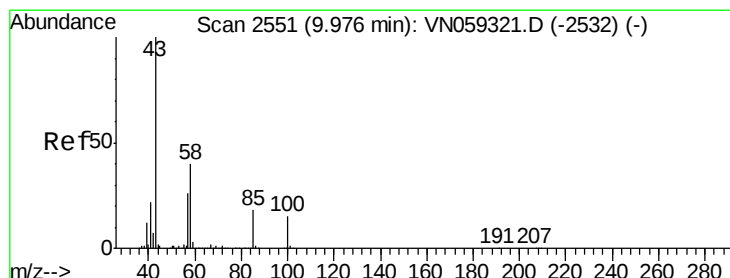
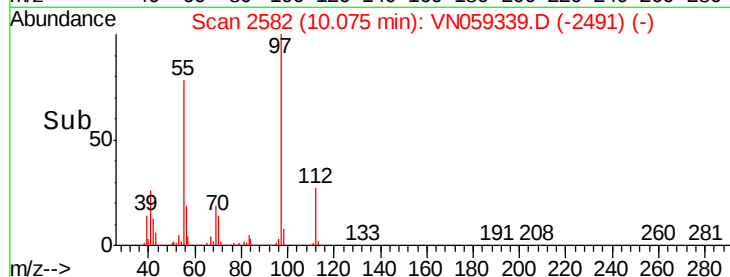
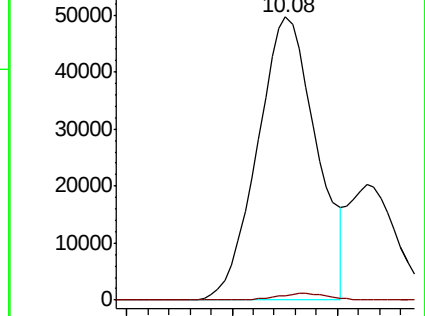
98 100

100 2.0 51.7 77.5#



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 3601.100 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.10 min

Lab File: VN059339.D

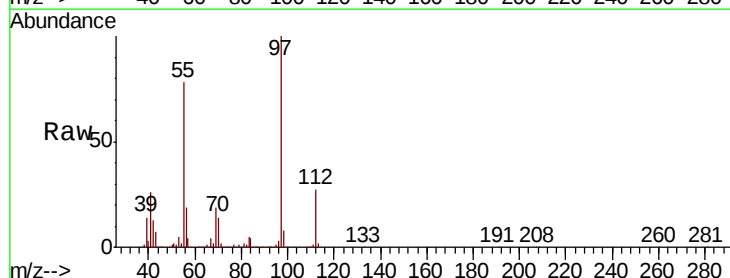
Acq: 21 Nov 2019 16:34

Tgt Ion: 43 Resp: 81774

Ion Ratio Lower Upper

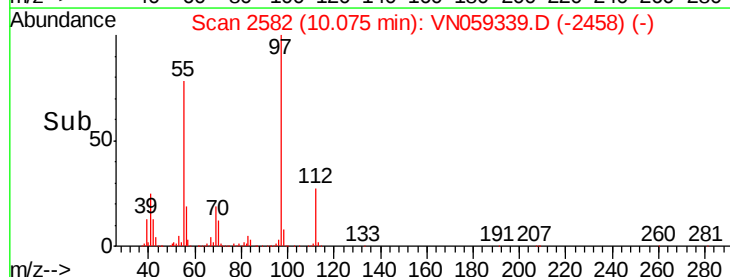
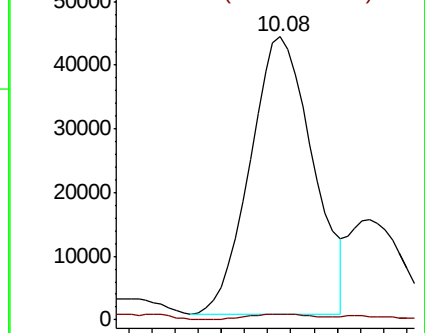
43 100

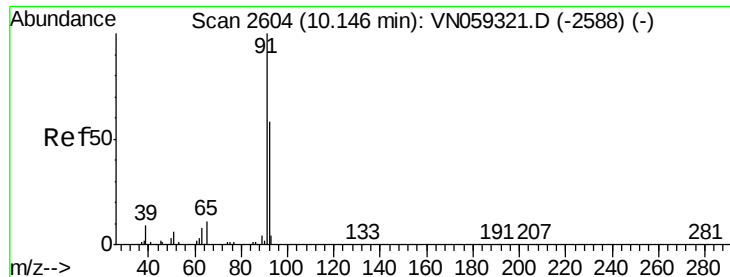
58 2.2 31.8 47.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#52

Toluene

Concen: 21.687 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.01 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

Instrument :

MSVOA_N

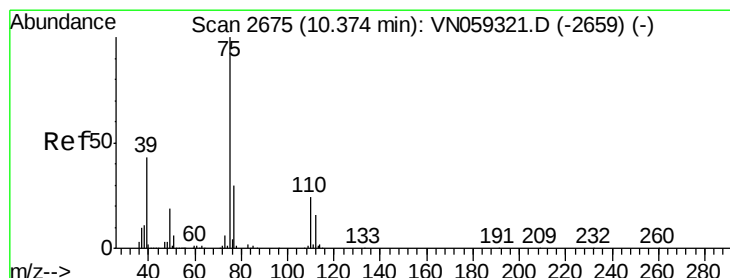
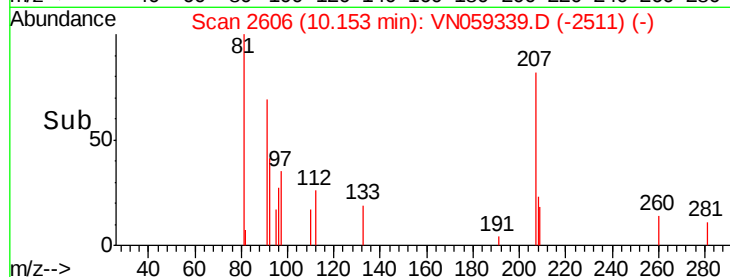
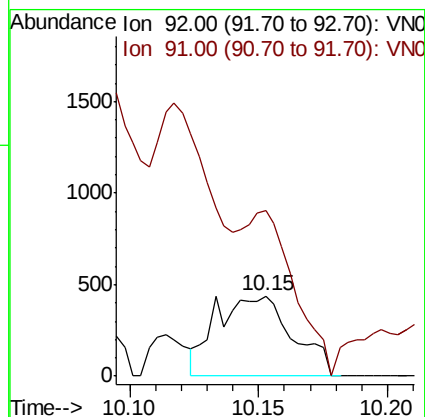
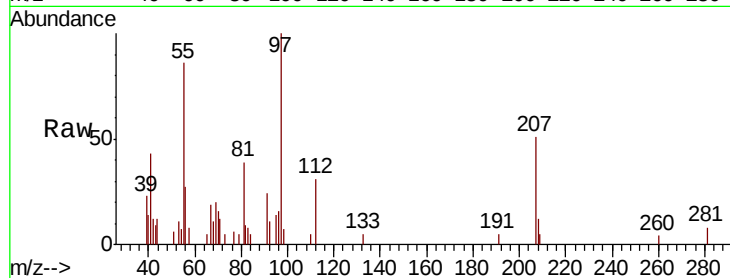
ClientSampleId :

Tot Ion: 92 Resp: 904

Ion Ratio Lower Upper

92 100

91 0.0 137.9 206.9#



#53

t-1,3-Dichloropropene

Concen: 18.562 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.01 min

Lab File: VN059339.D

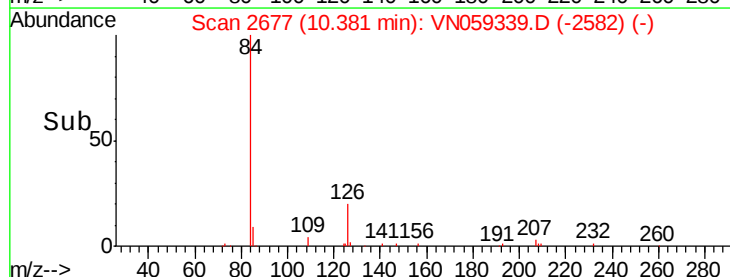
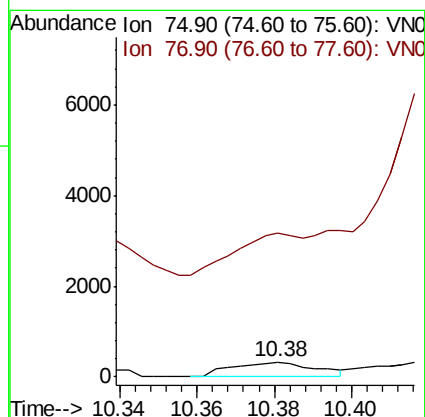
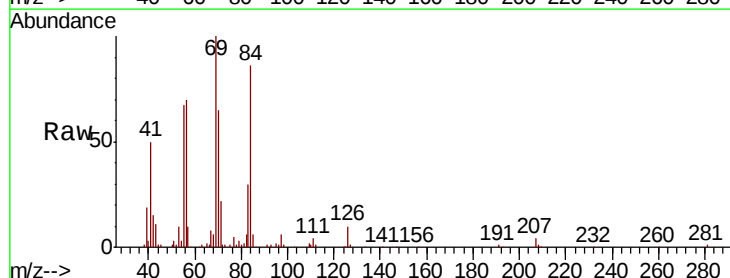
Acq: 21 Nov 2019 16:34

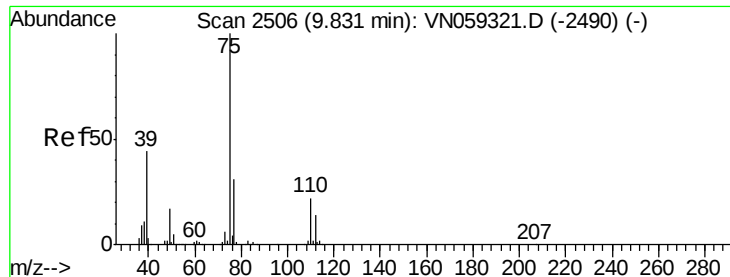
Tgt Ion: 75 Resp: 490

Ion Ratio Lower Upper

75 100

77 275.2 25.5 38.3#



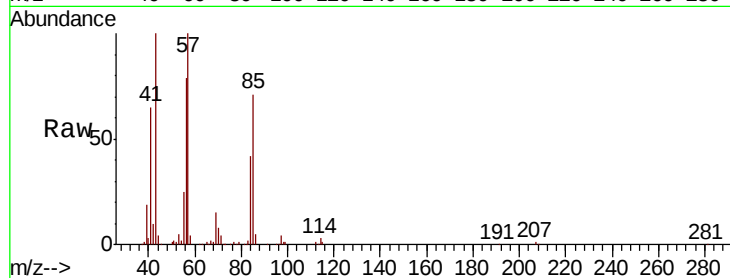


#54

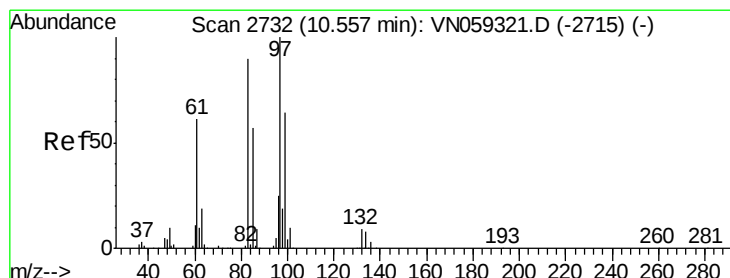
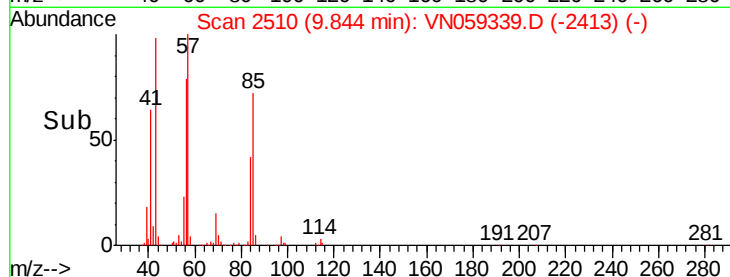
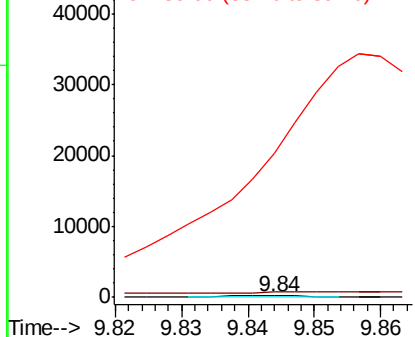
cis-1,3-Dichloropropene
Concen: 4.399 ug/l
RT: 9.84 min Scan# 2510
Delta R.T. 0.01 min
Lab File: VN059339.D
Acq: 21 Nov 2019 16:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 75 Resp: 126
Ion Ratio Lower Upper
75 100
77 81.9 25.0 37.4#
39 6033.7 35.5 53.3#



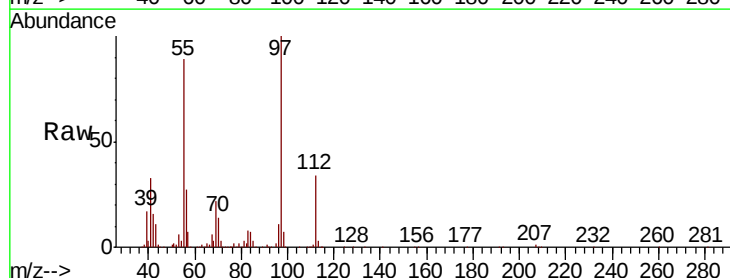
Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 76.90 (76.60 to 77.60): VNO
Ion 39.00 (38.70 to 39.70): VNO



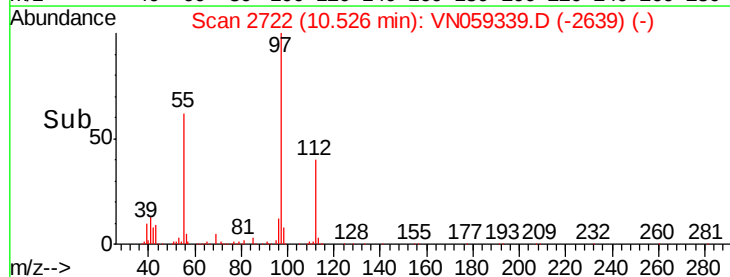
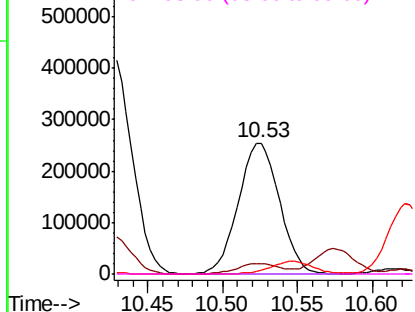
#55

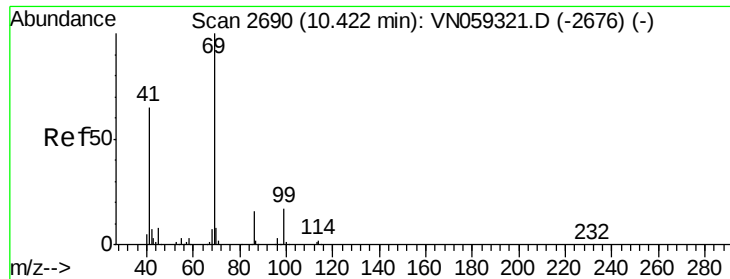
1,1,2-Trichloroethane
Concen: 29823.666 ug/l
RT: 10.53 min Scan# 2722
Delta R.T. -0.03 min
Lab File: VN059339.D
Acq: 21 Nov 2019 16:34

Tgt Ion: 97 Resp: 483359
Ion Ratio Lower Upper
97 100
83 8.2 72.0 108.0#
85 2.7 45.8 68.6#
99 0.3 51.0 76.4#



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 98.90 (98.60 to 99.60): VNO





#56

Ethyl methacrylate

Concen: 7841.466 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

Instrument :

MSVOA_N

ClientSampled :

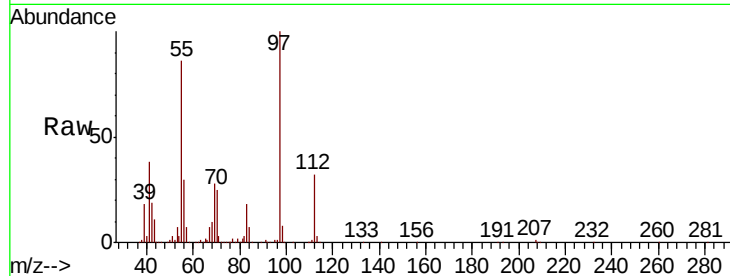
Tot Ion: 69 Resp: 224421

Ion Ratio Lower Upper

69 100

41 165.6 51.7 77.5#

39 75.6 25.2 37.8#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

200000

150000

100000

50000

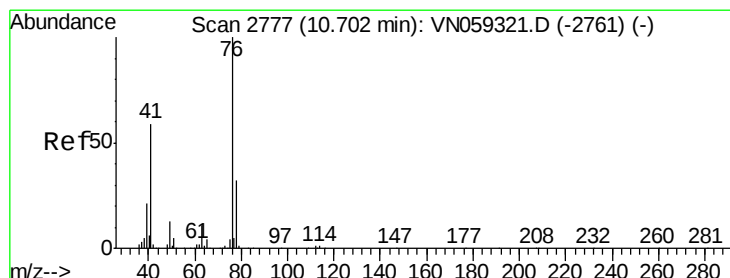
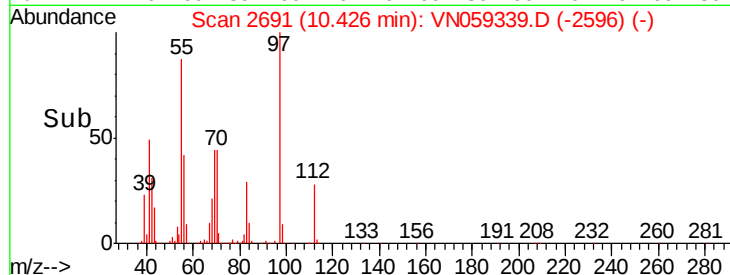
0

10.40

10.43

10.45

Time-->



#57

1,3-Dichloropropane

Concen: 5.310 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.01 min

Lab File: VN059339.D

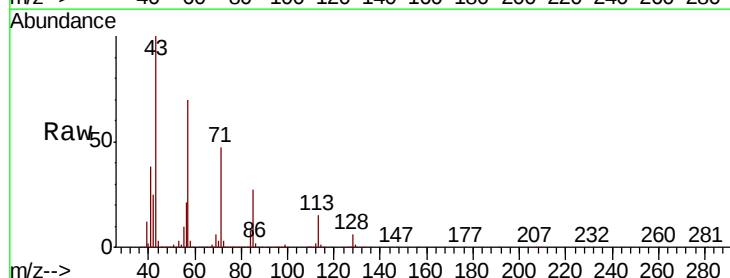
Acq: 21 Nov 2019 16:34

Tgt Ion: 76 Resp: 150

Ion Ratio Lower Upper

76 100

78 814.0 26.0 39.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

800

600

400

200

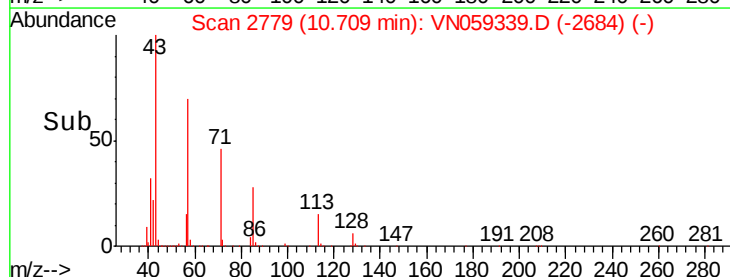
0

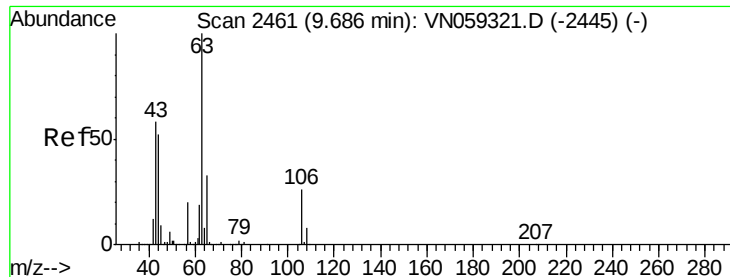
10.70

10.71

10.72

Time-->





#58

2-Chloroethyl Vinyl ether

Concen: 188.055 ug/l

RT: 9.72 min Scan# 2471

Delta R.T. 0.03 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

Instrument :

MSVOA_N

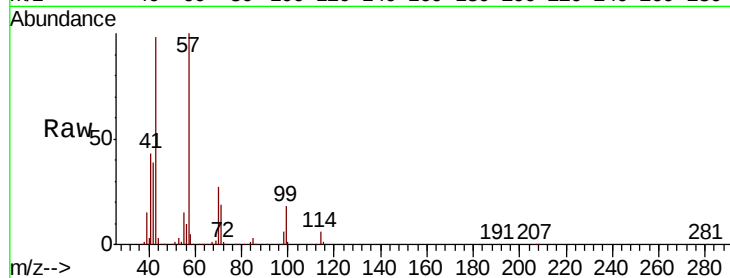
ClientSampleId :

Tot Ion: 63 Resp: 1827

Ion Ratio Lower Upper

63 100

106 0.0 20.5 30.7#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

800

600

400

200

0

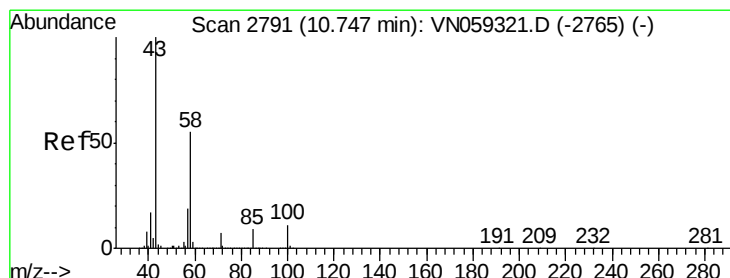
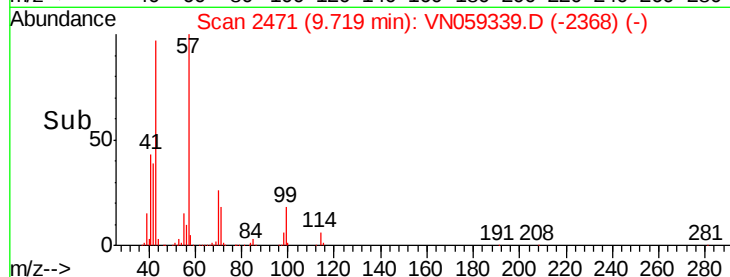
9.65

9.70

9.72

9.75

Time-->



#59

2-Hexanone

Concen: 84708.124 ug/l

RT: 10.72 min Scan# 2781

Delta R.T. -0.03 min

Lab File: VN059339.D

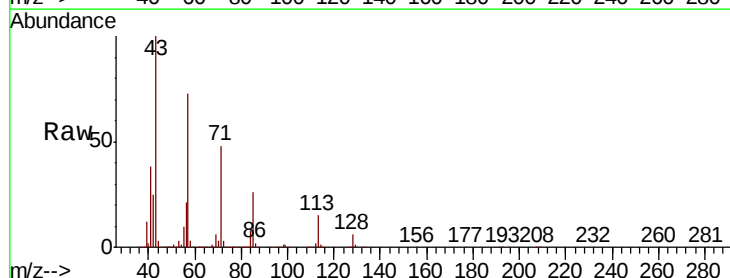
Acq: 21 Nov 2019 16:34

Tgt Ion: 43 Resp: 1408513

Ion Ratio Lower Upper

43 100

58 3.1 27.7 83.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

800000

600000

400000

200000

0

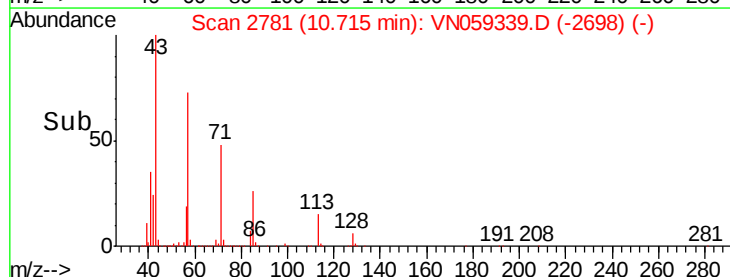
10.65

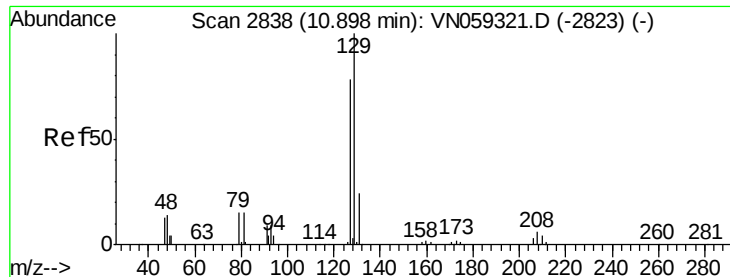
10.70

10.72

10.75

Time-->





#60

Dibromochloromethane

Concen: 178.233 ug/l

RT: 10.82 min Scan# 2813

Delta R.T. -0.08 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

Instrument :

MSVOA_N

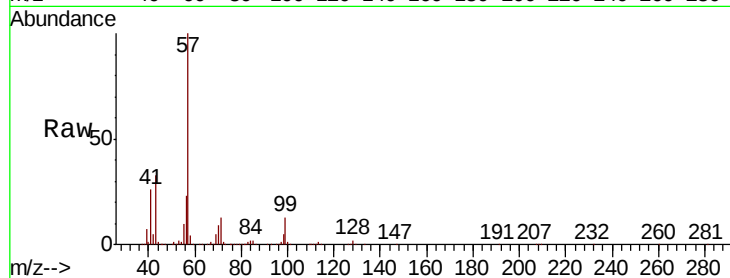
ClientSampleId :

Tot Ion:129 Resp: 3044

Ion Ratio Lower Upper

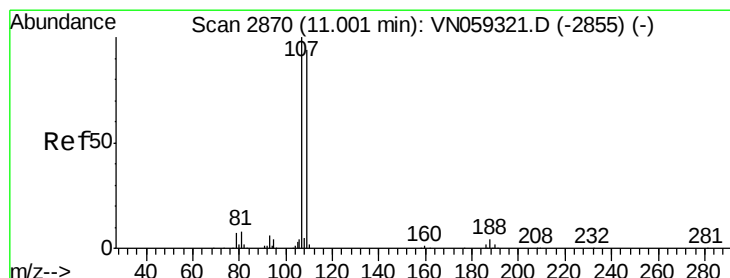
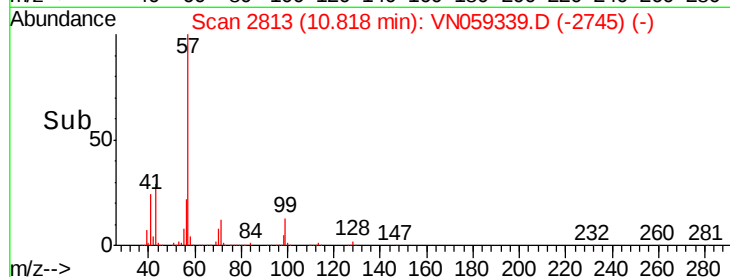
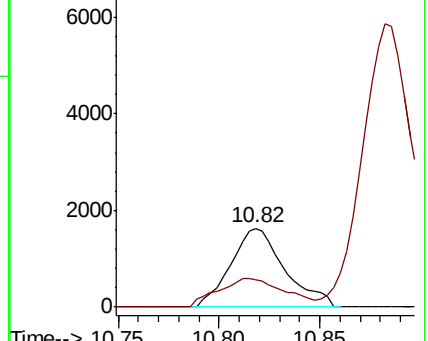
129 100

127 44.9 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 98.259 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN059339.D

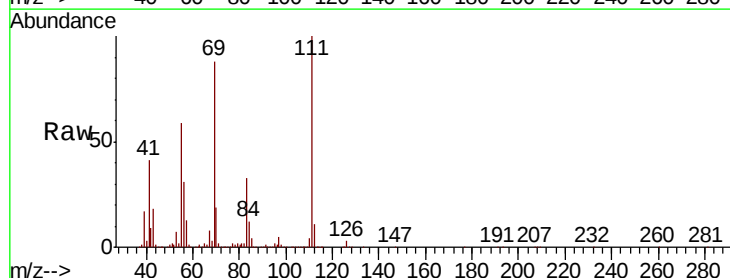
Acq: 21 Nov 2019 16:34

Tgt Ion:107 Resp: 1657

Ion Ratio Lower Upper

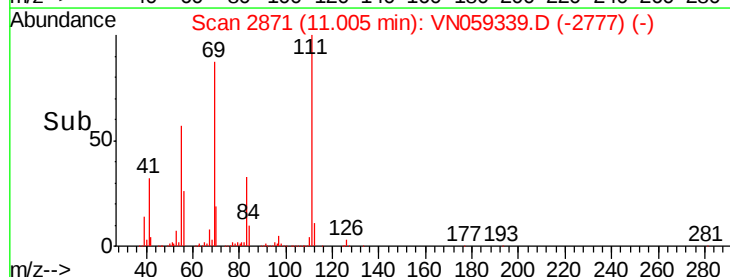
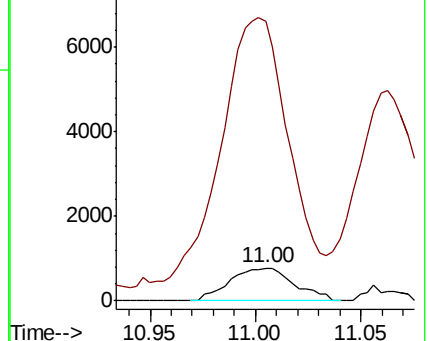
107 100

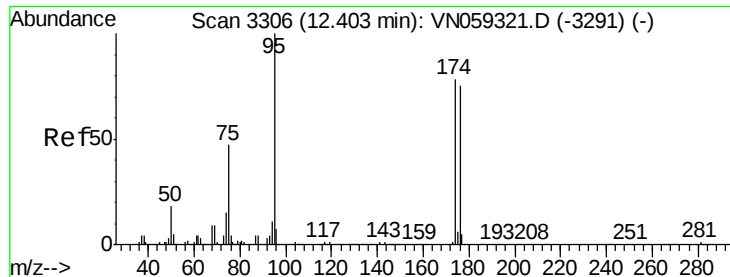
109 911.9 75.4 113.2#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

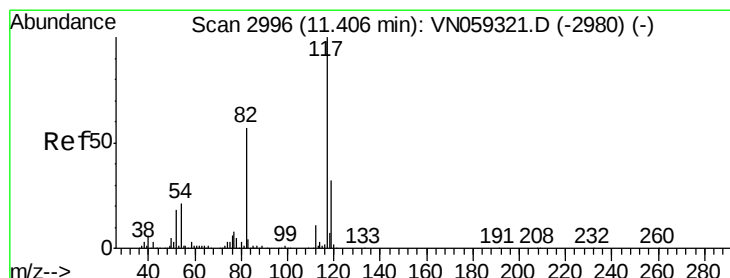
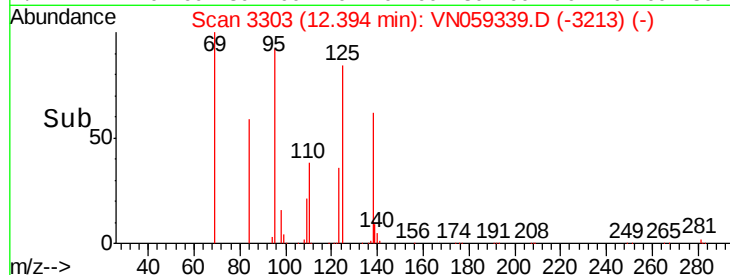
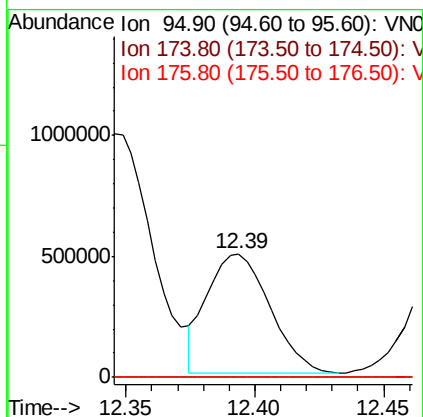
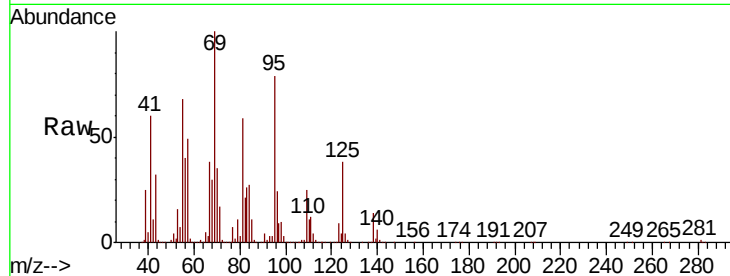




#62
4-Bromofluorobenzene
Concen: 43530.082 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. -0.01 min
Lab File: VN059339.D
Acq: 21 Nov 2019 16:34

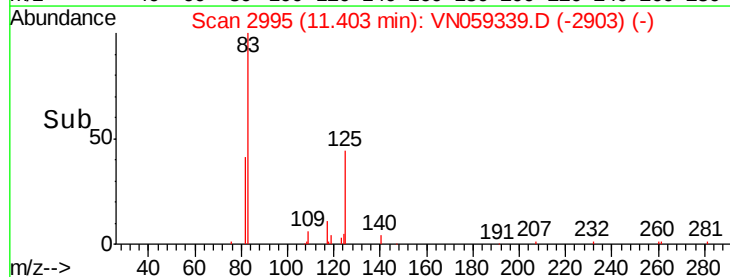
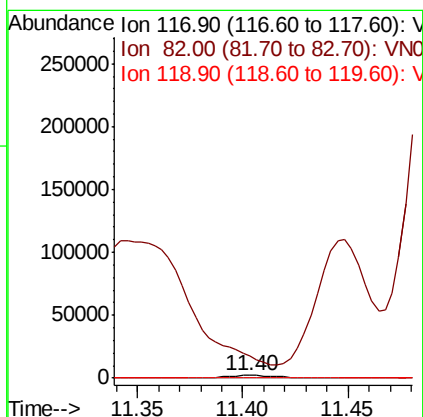
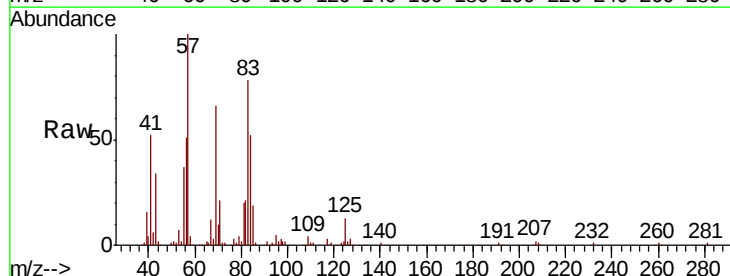
Instrument :
MSVOA_N
ClientSampled :

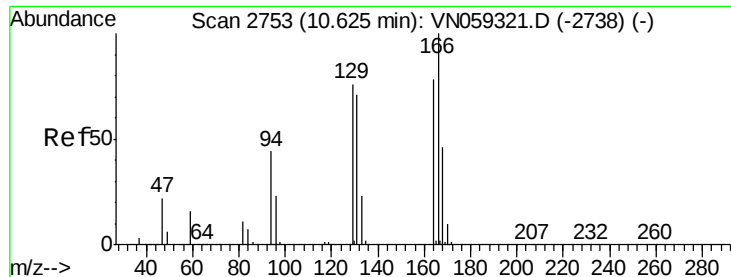
Tot Ion	Ratio	Lower	Upper
95	100		
174	0.2	0.0	157.4
176	0.2	0.0	151.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059339.D
Acq: 21 Nov 2019 16:34

Tgt Ion	Ratio	Lower	Upper
117	100		
82	0.0	45.7	68.5#
119	34.5	25.8	38.6





#64

Tetrachloroethene

Concen: 409.086 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:164 Resp: 12045

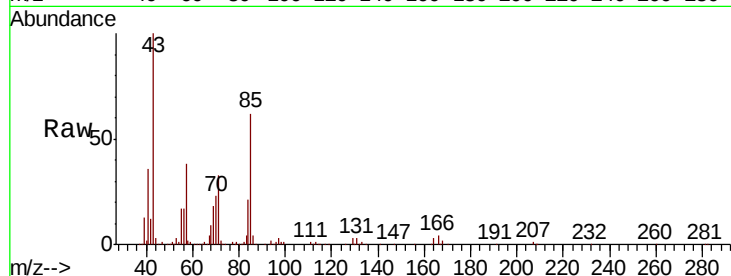
Ion Ratio Lower Upper

164 100

166 126.2 102.9 154.3

129 101.7 78.2 117.2

131 94.9 72.6 109.0

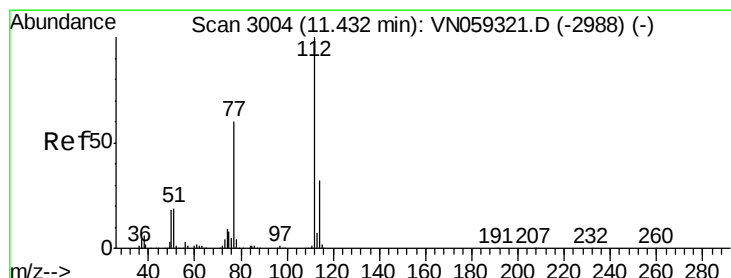
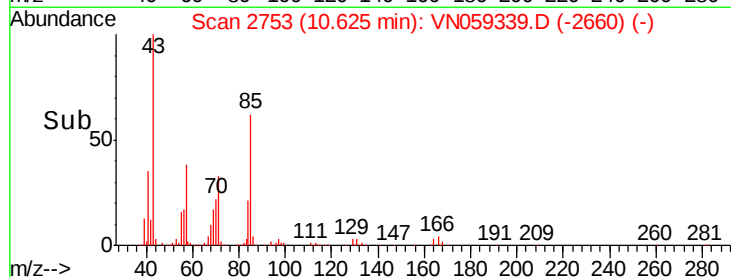
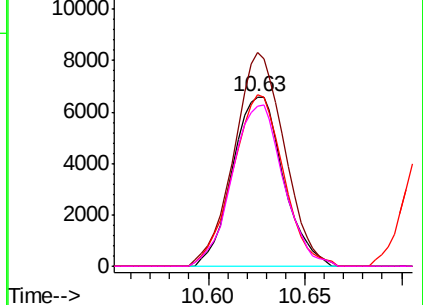


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 1614.795 ug/l

RT: 11.54 min Scan# 3038

Delta R.T. 0.11 min

Lab File: VN059339.D

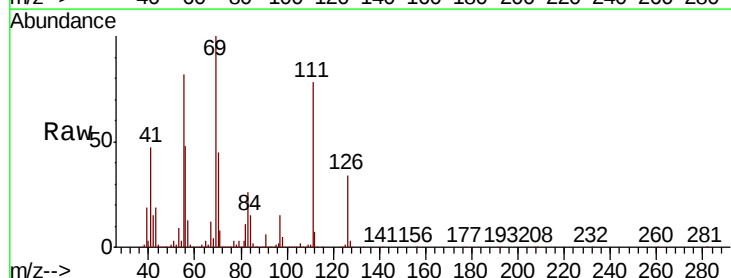
Acq: 21 Nov 2019 16:34

Tgt Ion:112 Resp: 132185

Ion Ratio Lower Upper

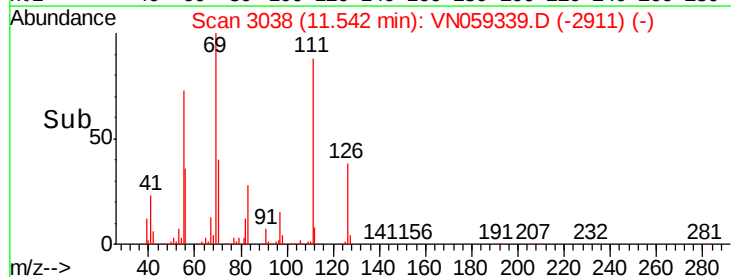
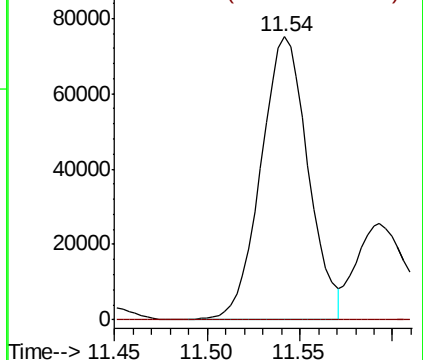
112 100

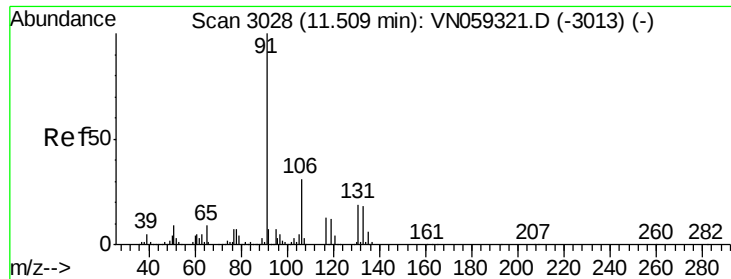
114 0.0 25.8 38.6#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#67

Ethyl Benzene

Concen: 27651.343 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

Instrument :

MSVOA_N

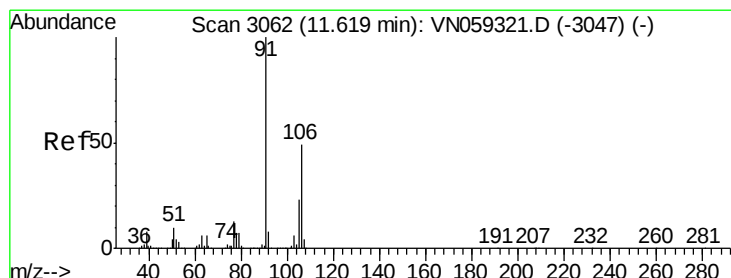
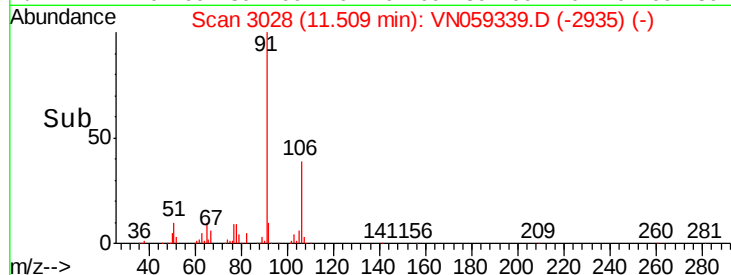
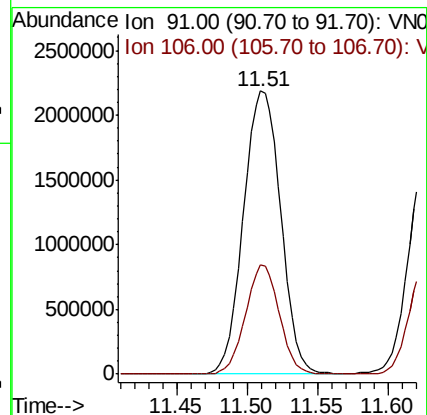
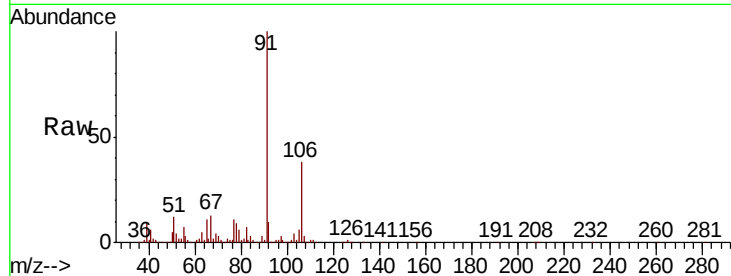
ClientSampled :

Tot Ion: 91 Resp: 4041477

Ion Ratio Lower Upper

91 100

106 38.5 24.6 37.0#



#68

m/p-Xylenes

Concen: 28079.617 ug/l

RT: 11.63 min Scan# 3065

Delta R.T. 0.01 min

Lab File: VN059339.D

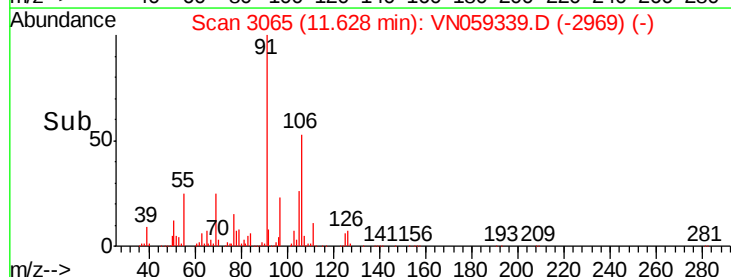
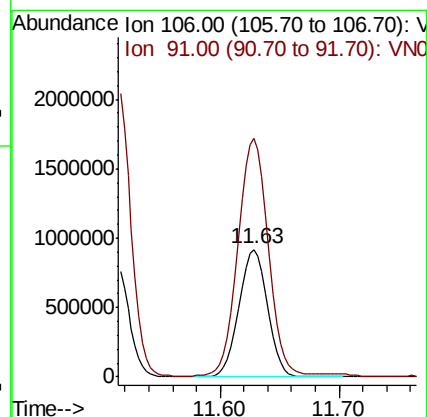
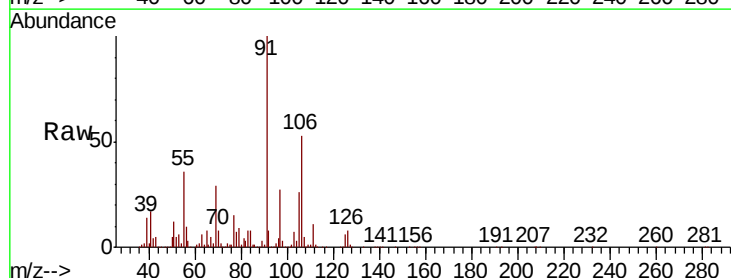
Acq: 21 Nov 2019 16:34

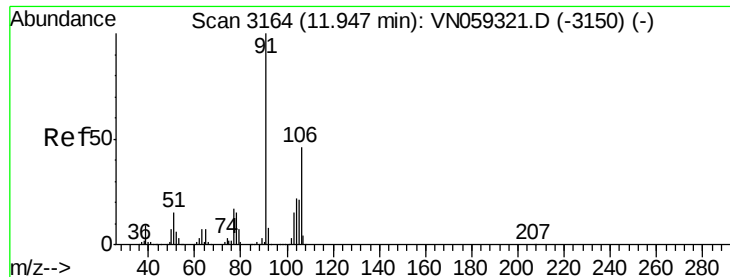
Tgt Ion: 106 Resp: 1524994

Ion Ratio Lower Upper

106 100

91 197.9 163.2 244.8

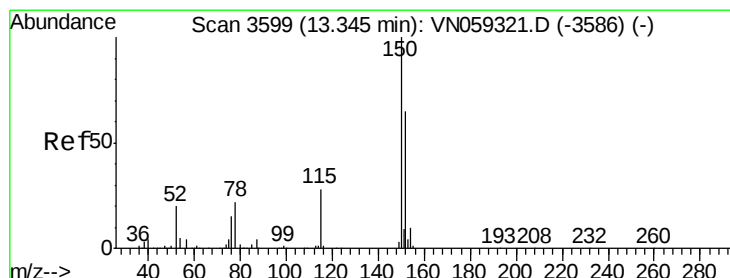
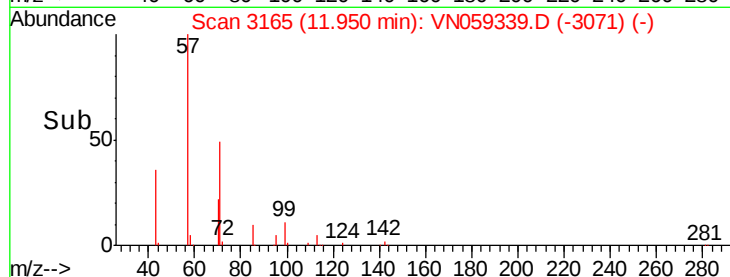
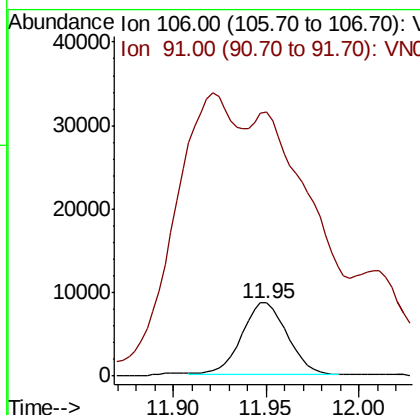
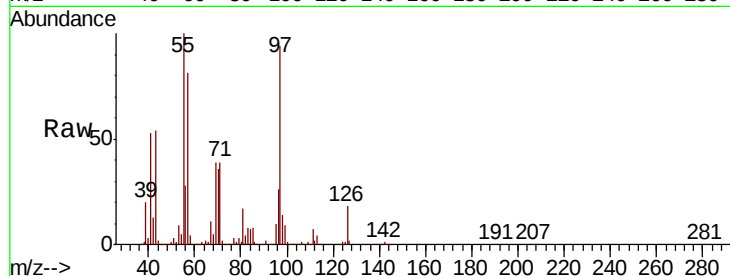




#69
o-Xylene
Concen: 282.574 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN059339.D
Acq: 21 Nov 2019 16:34

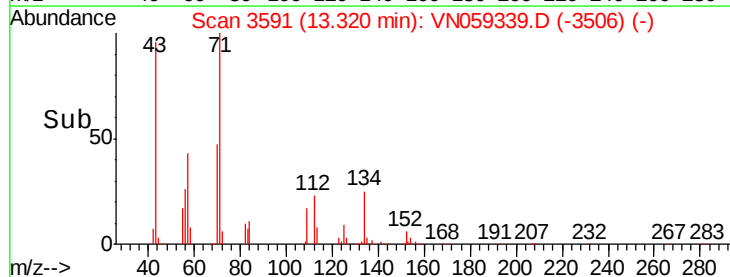
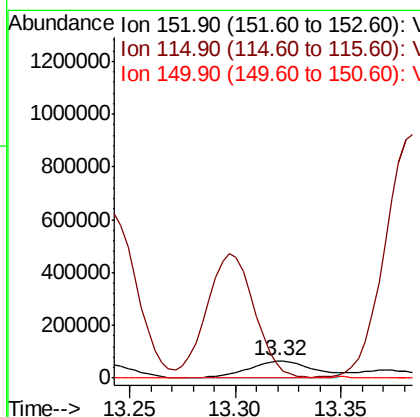
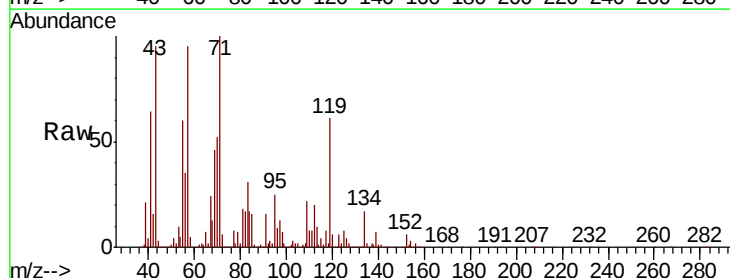
Instrument :
MSVOA_N
ClientSampled :

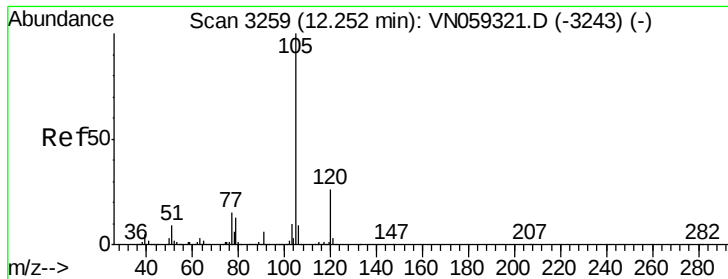
Tot Ion:106 Resp: 14692
Ion Ratio Lower Upper
106 100
91 0.0 109.3 327.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.03 min
Lab File: VN059339.D
Acq: 21 Nov 2019 16:34

Tgt Ion:152 Resp: 129671
Ion Ratio Lower Upper
152 100
115 0.0 29.3 88.0#
150 0.0 0.0 346.0

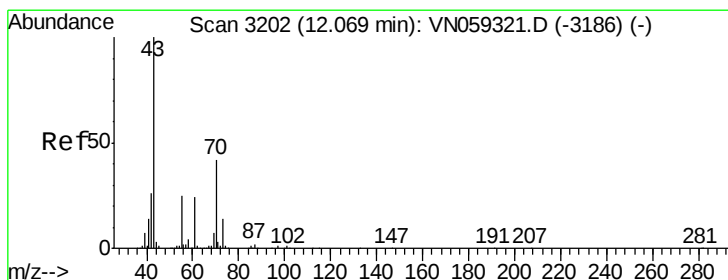
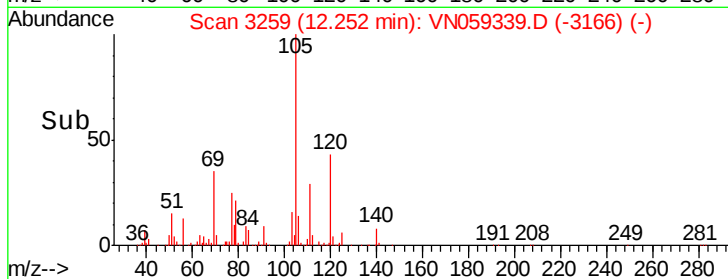
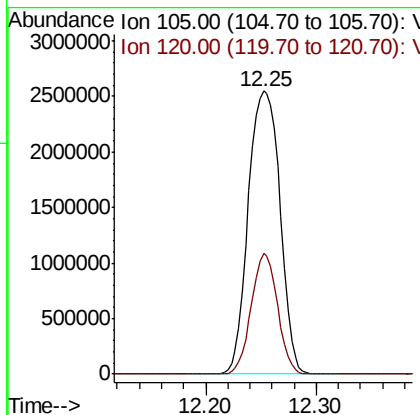
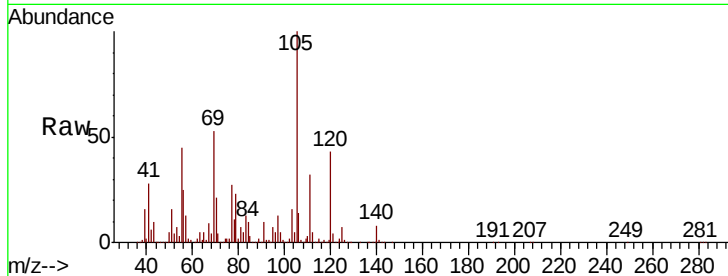




#73
Isopropylbenzene
Concen: 476.640 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN059339.D
Acq: 21 Nov 2019 16:34

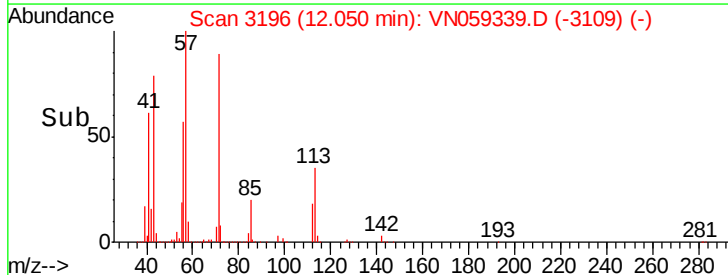
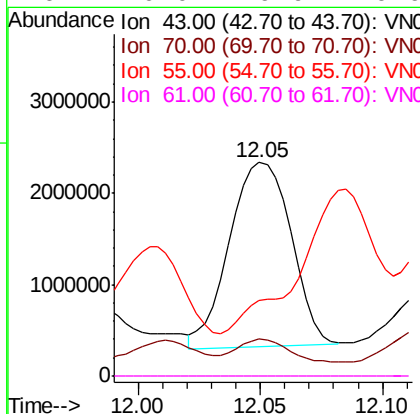
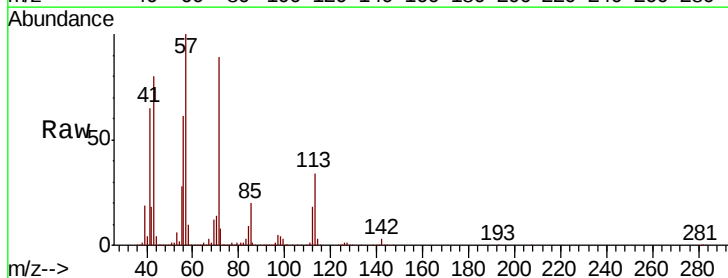
Instrument :
MSVOA_N
ClientSampled :

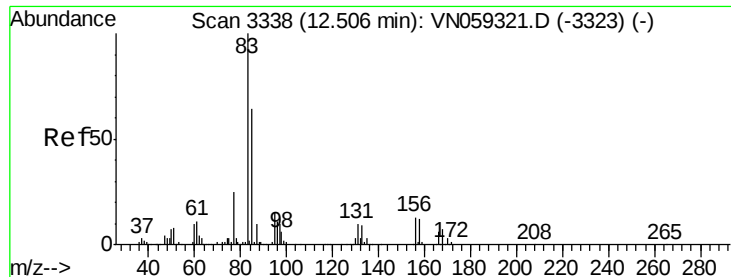
Tot Ion:105 Resp: 5063087
Ion Ratio Lower Upper
105 100
120 35.5 13.1 39.3



#74
N-ethyl acetate
Concen: 835.934 ug/l
RT: 12.05 min Scan# 3196
Delta R.T. -0.02 min
Lab File: VN059339.D
Acq: 21 Nov 2019 16:34

Tgt Ion: 43 Resp: 3568644
Ion Ratio Lower Upper
43 100
70 9.9 33.8 50.6#
55 0.0 20.3 30.5#
61 0.0 19.9 29.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 190.420 ug/l

RT: 12.47 min Scan# 3327

Delta R.T. -0.04 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

Instrument :

MSVOA_N

ClientSampleId :

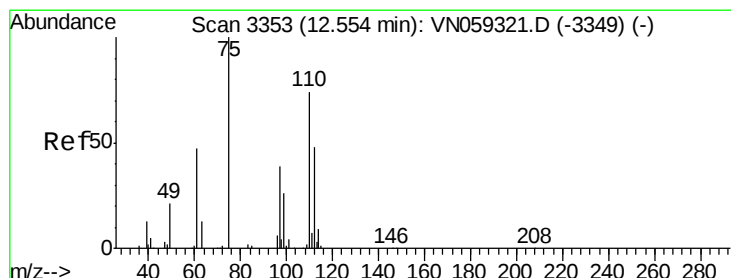
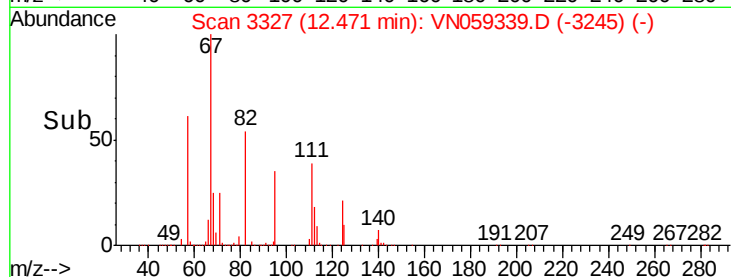
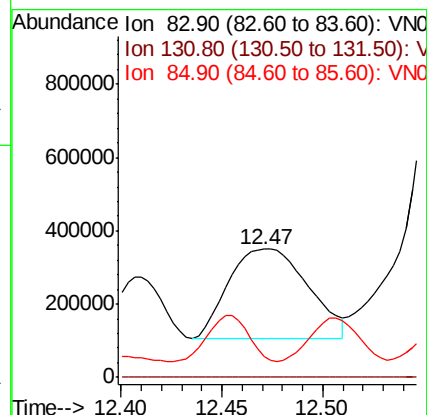
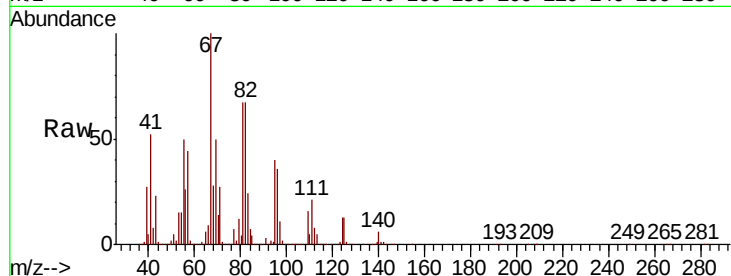
Tot Ion: 83 Resp: 669115

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 26.0 32.1 96.3#



#76

1,2,3-Trichloropropane

Concen: 39.397 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.04 min

Lab File: VN059339.D

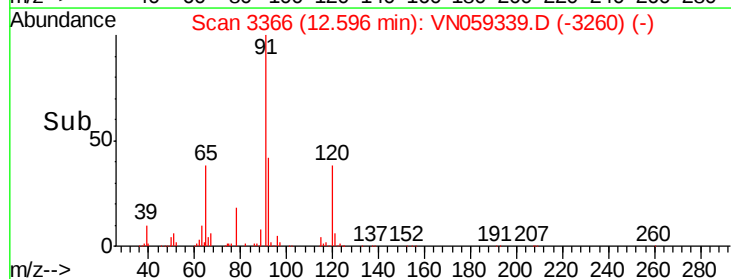
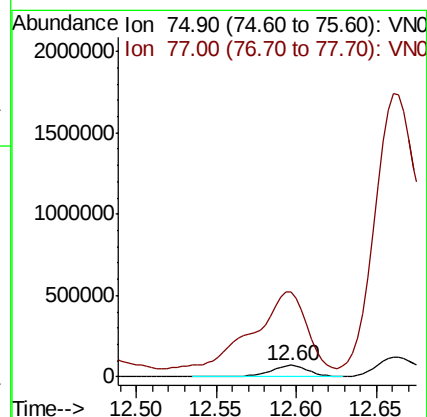
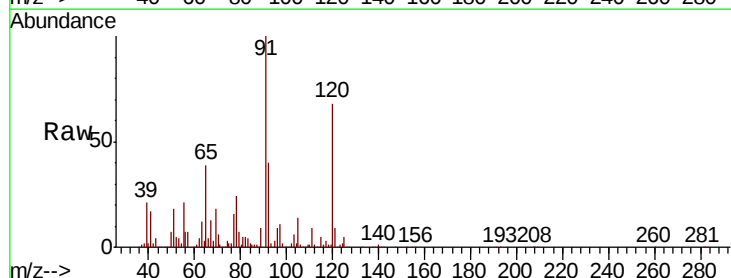
Acq: 21 Nov 2019 16:34

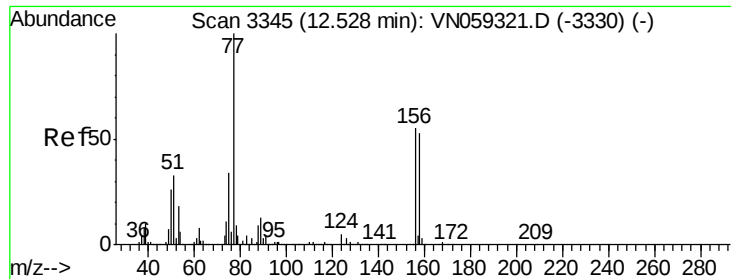
Tgt Ion: 75 Resp: 118023

Ion Ratio Lower Upper

75 100

77 884.2 0.0 0.0#





#77

Bromobenzene

Concen: 1.832 ug/l

RT: 12.52 min Scan# 3341

Delta R.T. -0.01 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

Instrument :

MSVOA_N

ClientSampleId :

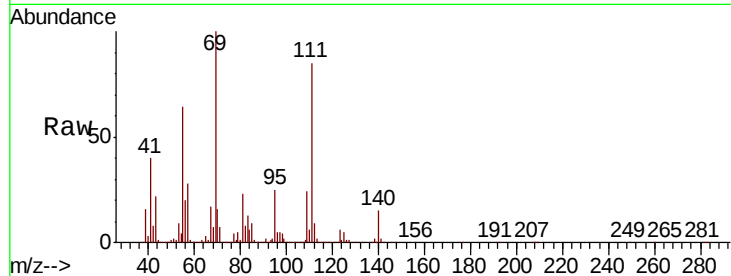
Tot Ion:156 Resp: 4719

Ion Ratio Lower Upper

156 100

77 0.0 111.1 333.4#

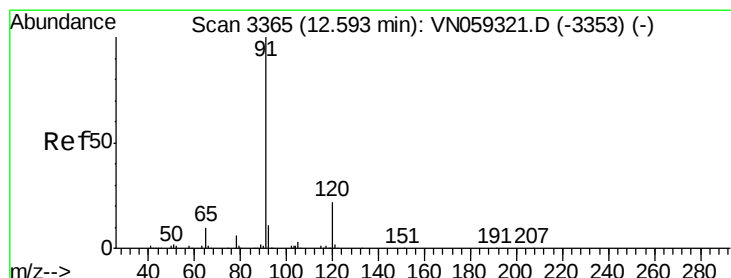
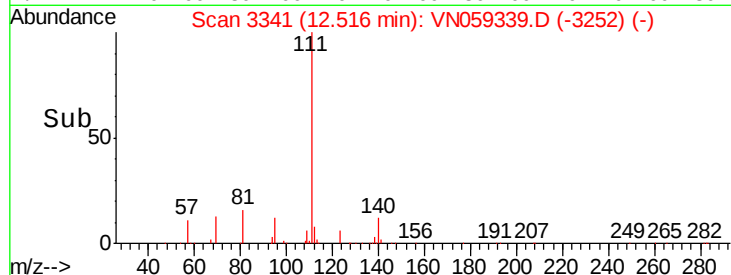
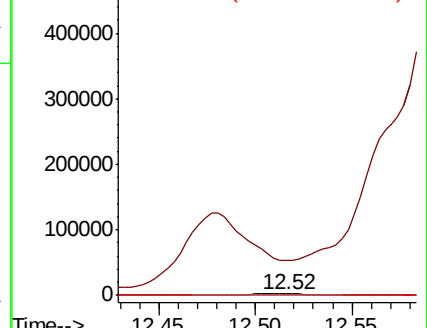
158 3.6 47.8 143.4#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 673.614 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN059339.D

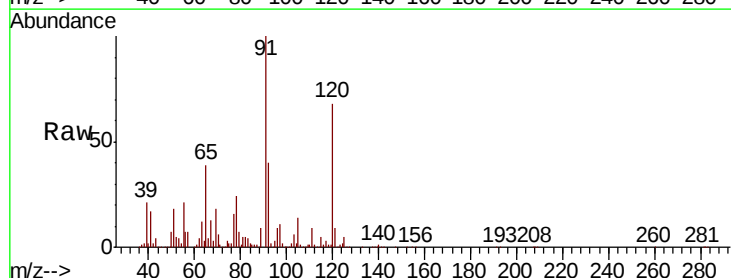
Acq: 21 Nov 2019 16:34

Tgt Ion: 91 Resp: 8105283

Ion Ratio Lower Upper

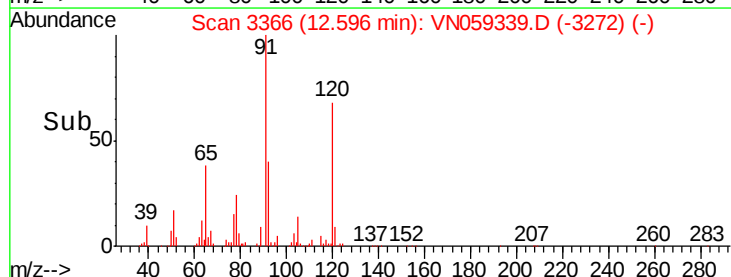
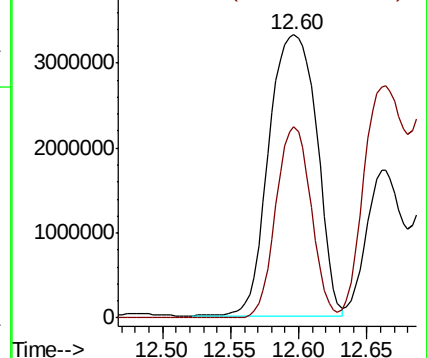
91 100

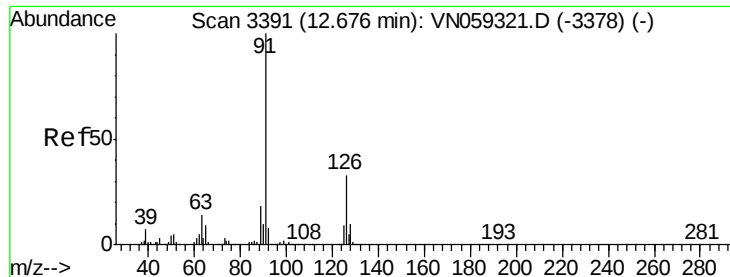
120 49.9 11.3 33.9#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 415.499 ug/l

RT: 12.66 min Scan# 3387

Delta R.T. -0.01 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

Instrument :

MSVOA_N

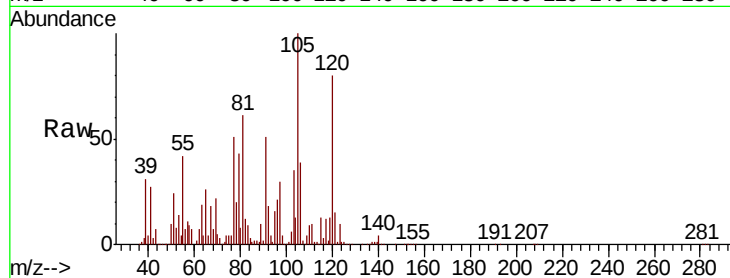
ClientSampled :

Tot Ion: 91 Resp: 3068701

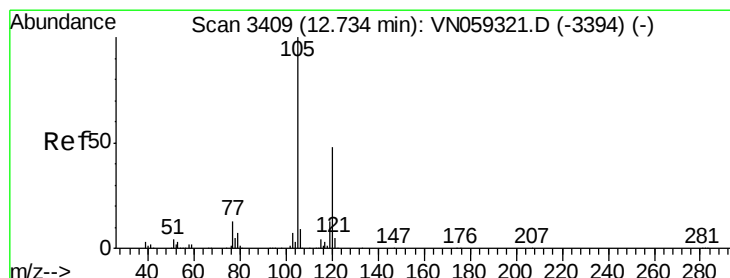
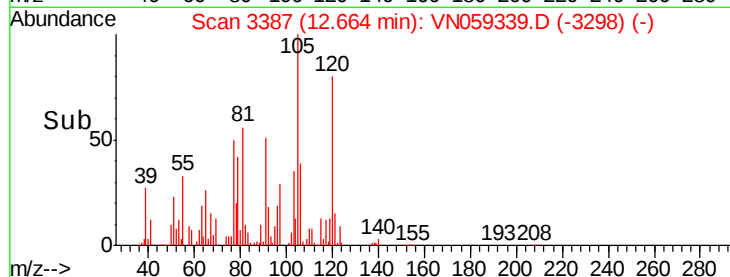
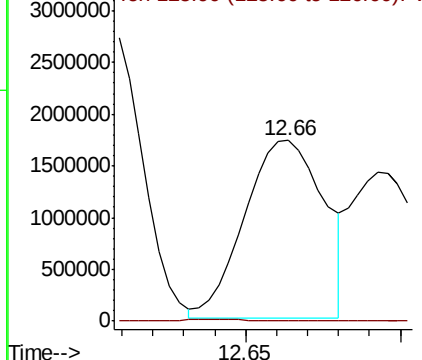
Ion Ratio Lower Upper

91 100

126 0.0 16.7 50.1#



Abundance Ion 91.00 (90.70 to 91.70): VN059321.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 886.456 ug/l

RT: 12.66 min Scan# 3387

Delta R.T. -0.07 min

Lab File: VN059339.D

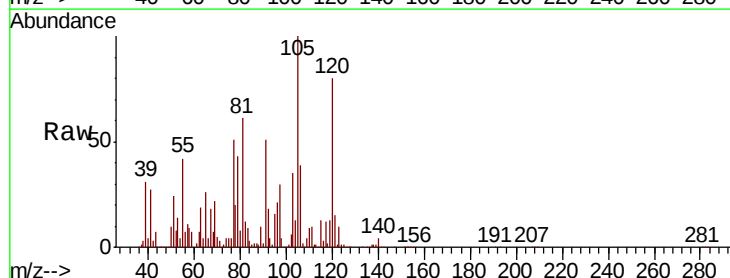
Acq: 21 Nov 2019 16:34

Tgt Ion: 105 Resp: 7915674

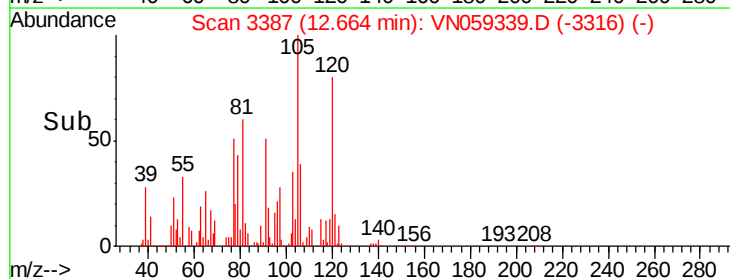
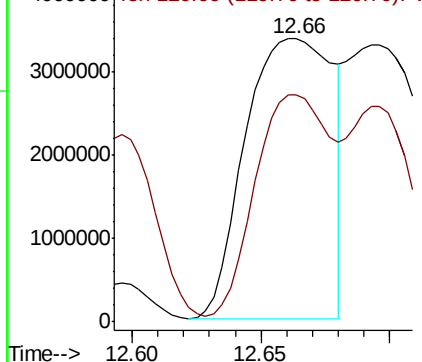
Ion Ratio Lower Upper

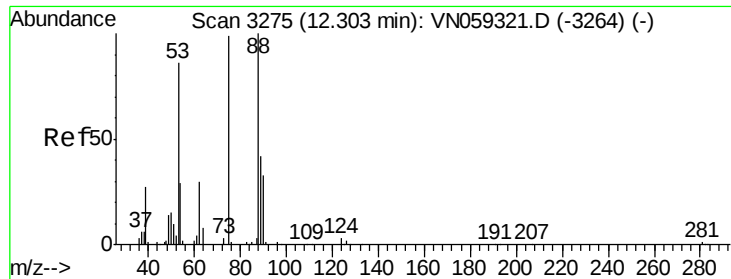
105 100

120 68.0 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059321.D (-3394) (-)

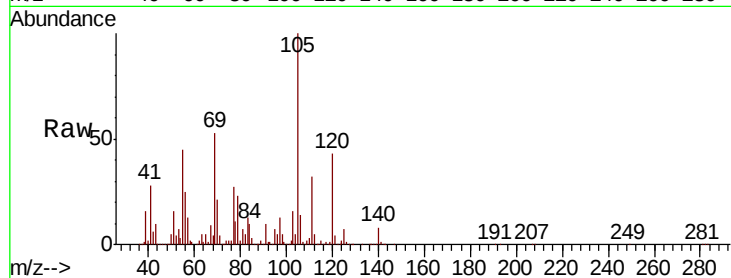




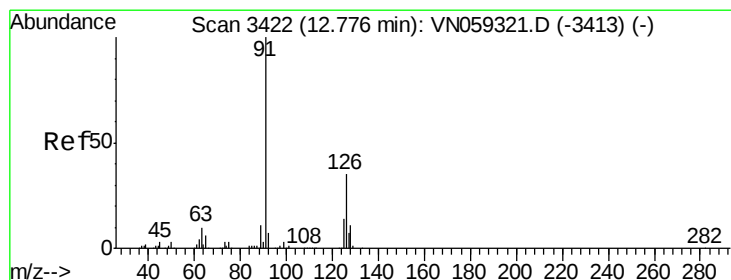
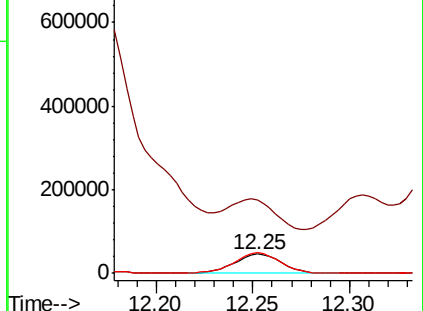
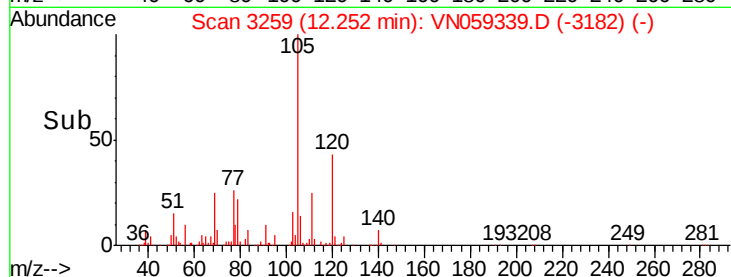
#81
trans-1,4-Dichloro-2-butene
Concen: 61.970 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. -0.05 min
Lab File: VN059339.D
Acq: 21 Nov 2019 16:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 75 Resp: 74224
Ion Ratio Lower Upper
75 100
53 0.0 70.7 106.1#
89 106.2 35.4 53.0#

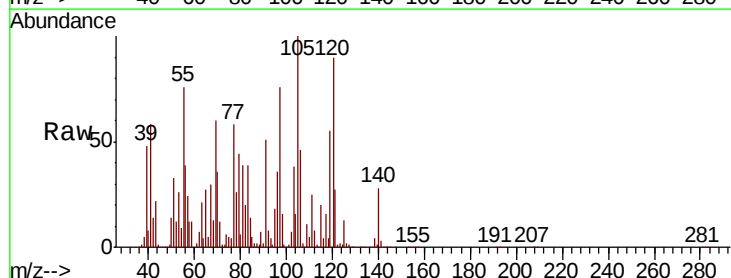


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

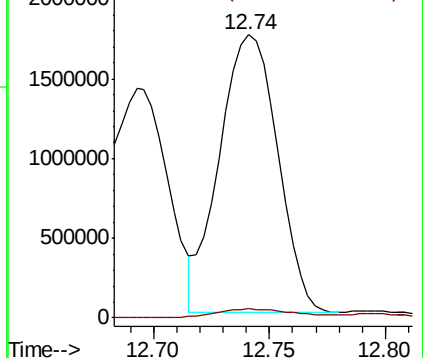
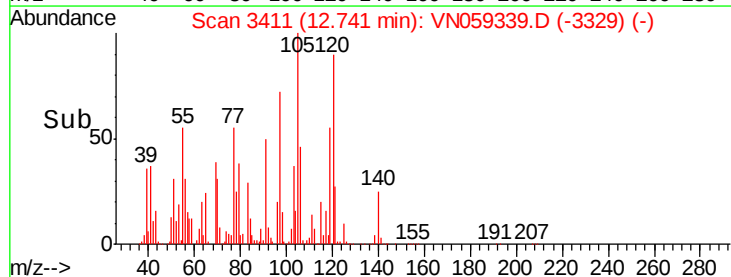


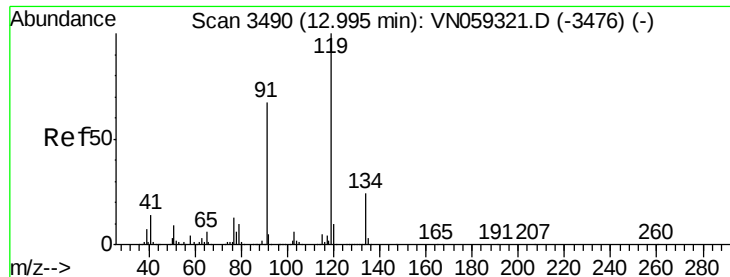
#82
4-Chlorotoluene
Concen: 397.626 ug/l
RT: 12.74 min Scan# 3411
Delta R.T. -0.04 min
Lab File: VN059339.D
Acq: 21 Nov 2019 16:34

Tgt Ion: 91 Resp: 3038964
Ion Ratio Lower Upper
91 100
126 4.0 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 181.154 ug/l

RT: 13.00 min Scan# 3491

Delta R.T. 0.00 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

Instrument :

MSVOA_N

ClientSampleId :

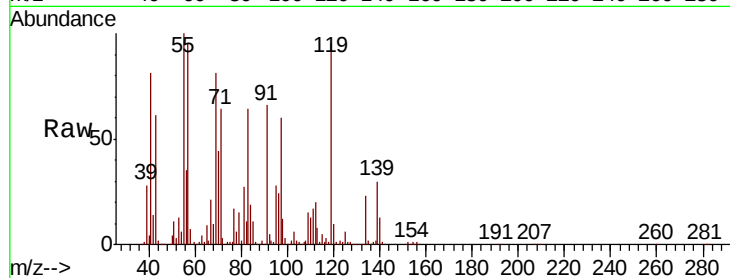
Tot Ion:119 Resp: 1366205

Ion Ratio Lower Upper

119 100

91 72.5 32.8 98.4

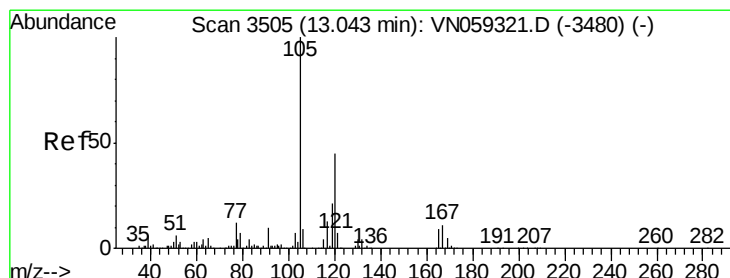
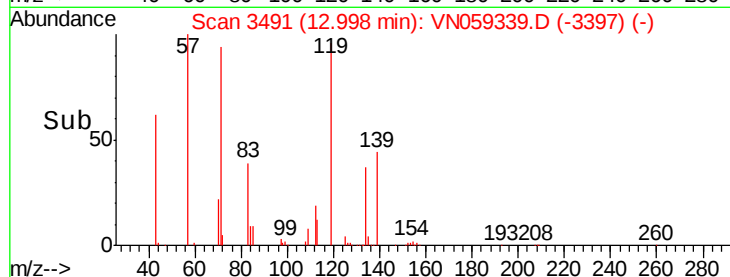
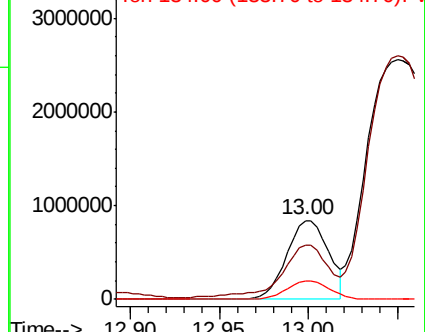
134 24.2 13.0 38.9



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: 1391.036 ug/l

RT: 13.05 min Scan# 3507

Delta R.T. 0.01 min

Lab File: VN059339.D

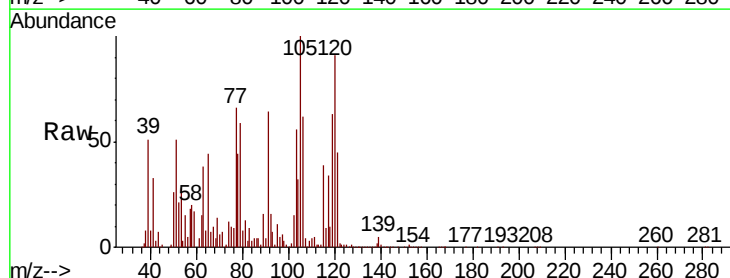
Acq: 21 Nov 2019 16:34

Tgt Ion:105 Resp:12167708

Ion Ratio Lower Upper

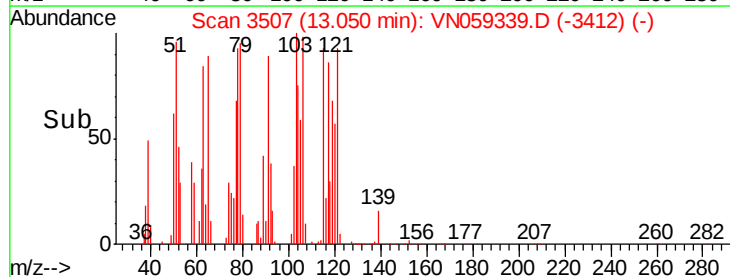
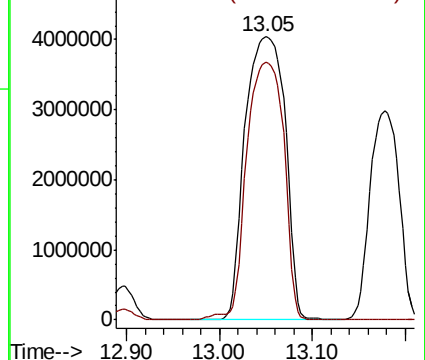
105 100

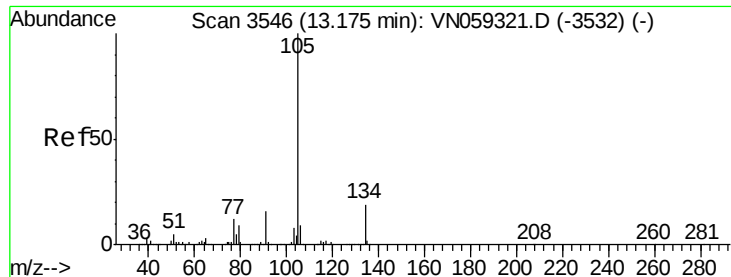
120 84.5 22.6 67.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 637.029 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

Instrument :

MSVOA_N

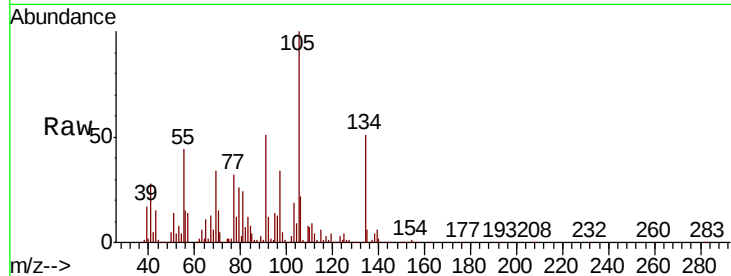
ClientSampleId :

Tot Ion:105 Resp: 6457163

Ion Ratio Lower Upper

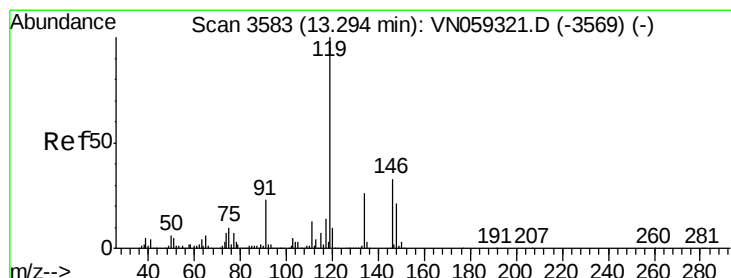
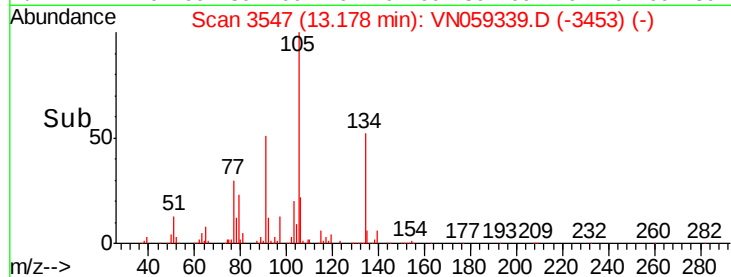
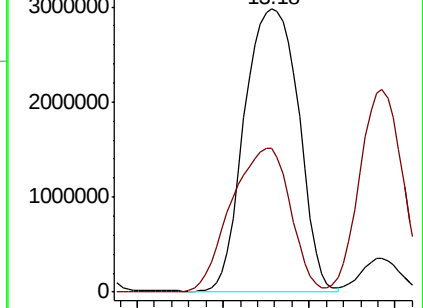
105 100

134 56.2 9.8 29.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 246.470 ug/l

RT: 13.45 min Scan# 3631

Delta R.T. 0.15 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

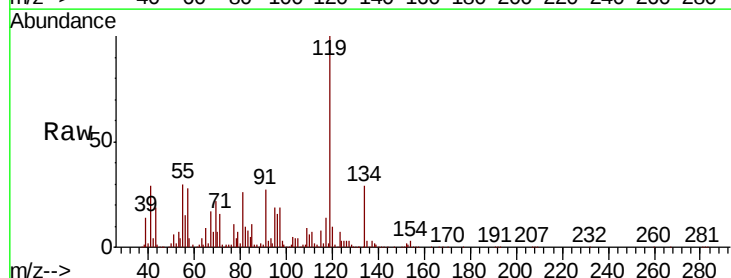
Tgt Ion:119 Resp: 2223146

Ion Ratio Lower Upper

119 100

134 29.5 13.0 38.9

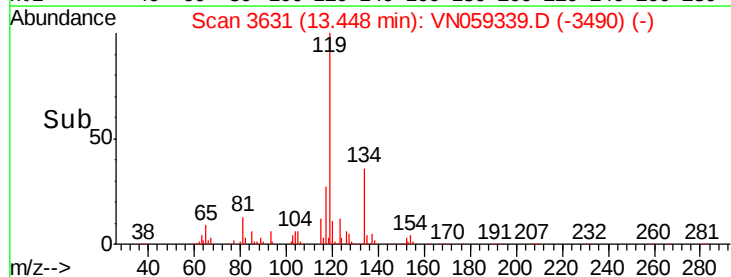
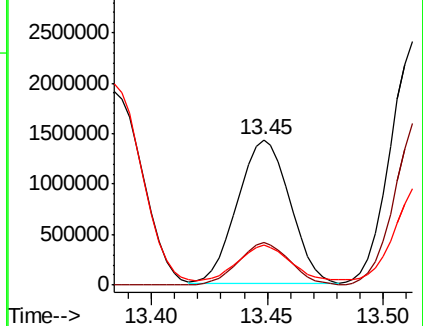
91 23.6 11.6 34.7

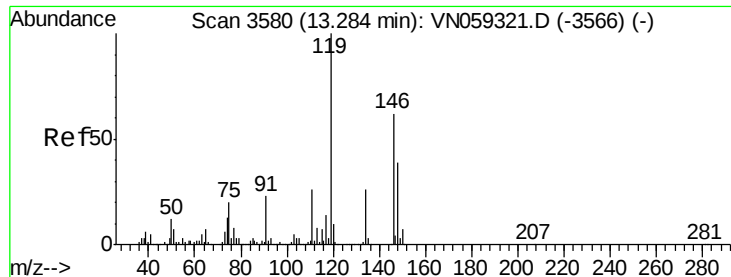


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 0.258 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.01 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

Instrument :

MSVOA_N

ClientSampleId :

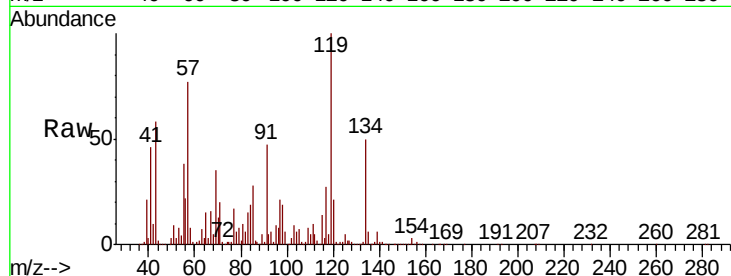
Tot Ion:146 Resp: 1186

Ion Ratio Lower Upper

146 100

111 0.0 20.6 61.8#

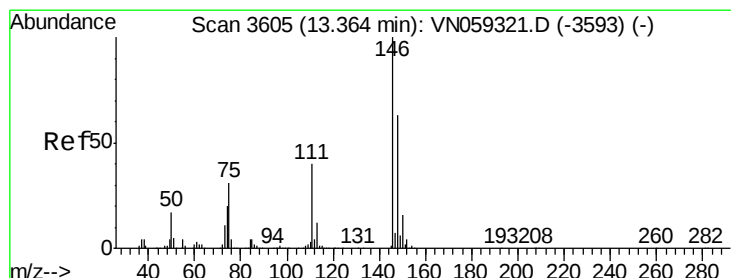
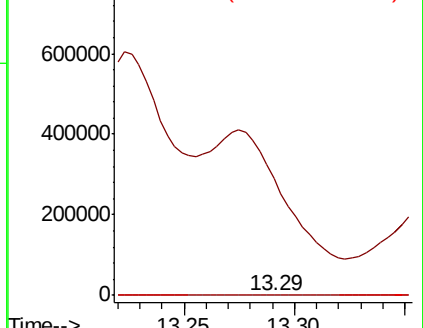
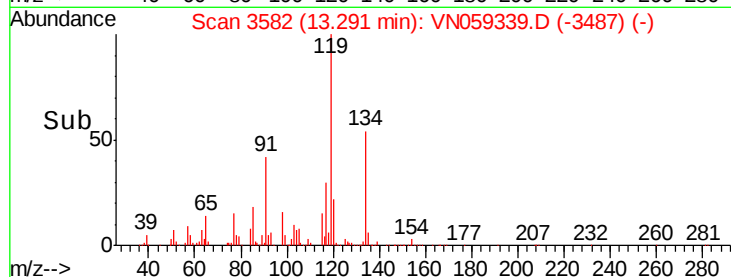
148 49.0 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 1.229 ug/l

RT: 13.37 min Scan# 3607

Delta R.T. 0.01 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

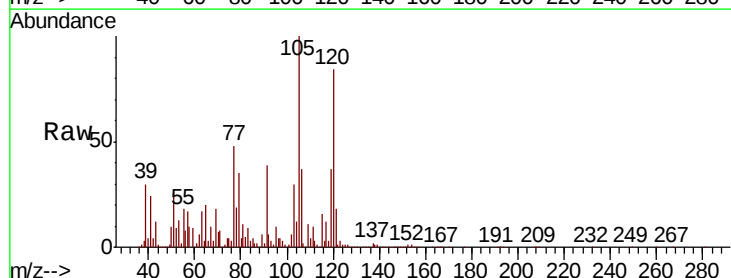
Tgt Ion:146 Resp: 5579

Ion Ratio Lower Upper

146 100

111 9405.8 20.1 60.3#

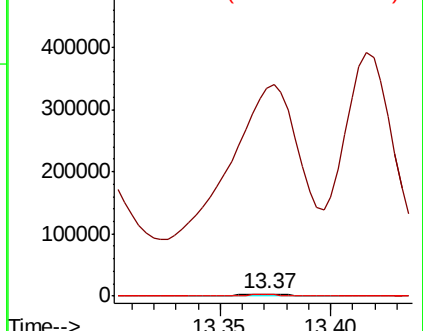
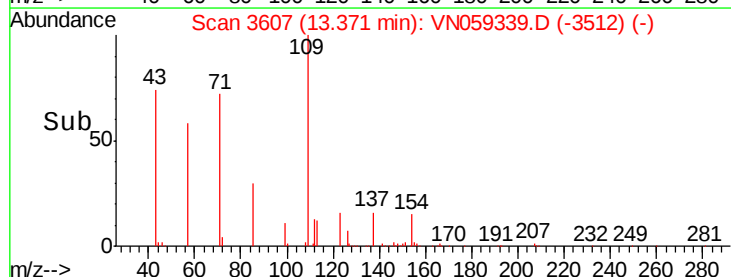
148 65.0 31.7 95.1

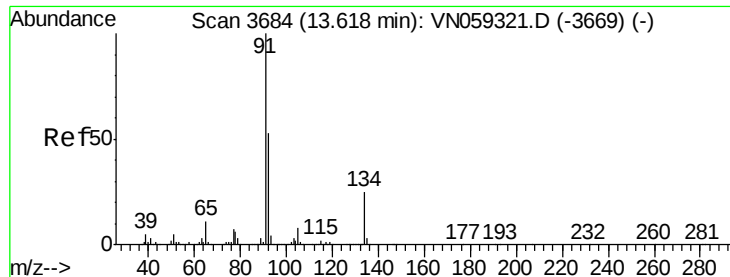


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 1136.736 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

Instrument :

MSVOA_N

ClientSampleId :

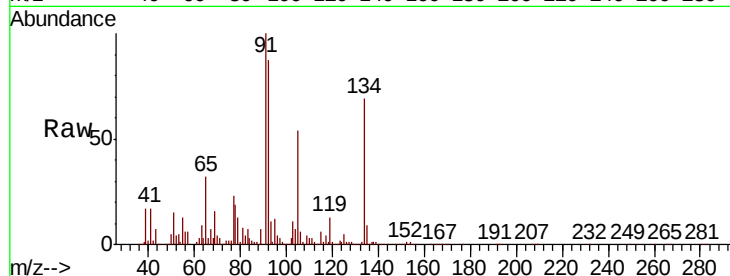
Tot Ion: 91 Resp: 8994537

Ion Ratio Lower Upper

91 100

92 58.2 26.0 78.0

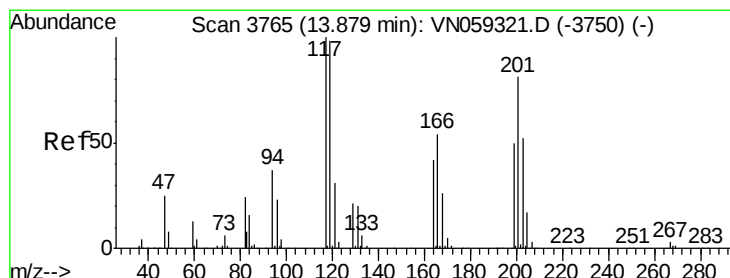
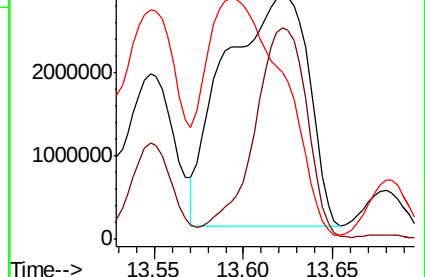
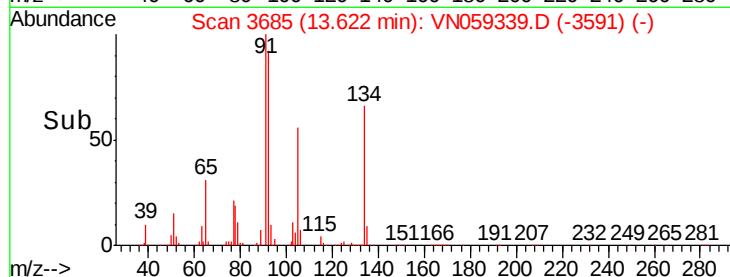
134 0.0 12.7 38.1#



Abundance Ion 91.00 (90.70 to 91.70): VN059339.D (-3684) (-)

Ion 92.00 (91.70 to 92.70): VN059339.D (-3684) (-)

Ion 134.00 (133.70 to 134.70): VN059339.D (-3684) (-)



#90

Hexachloroethane

Concen: 872.283 ug/l

RT: 13.90 min Scan# 3770

Delta R.T. 0.02 min

Lab File: VN059339.D

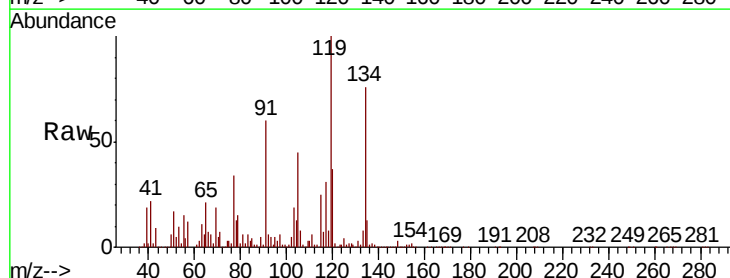
Acq: 21 Nov 2019 16:34

Tgt Ion: 117 Resp: 1490062

Ion Ratio Lower Upper

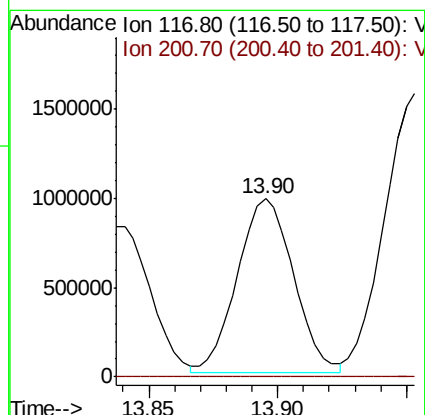
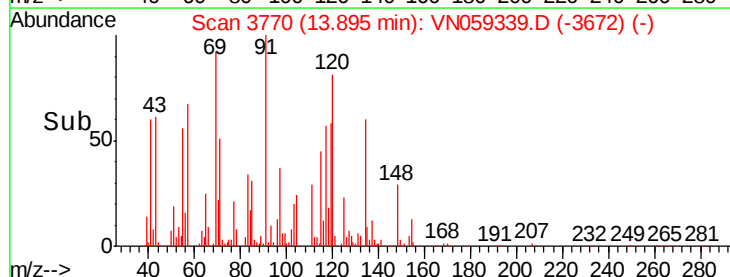
117 100

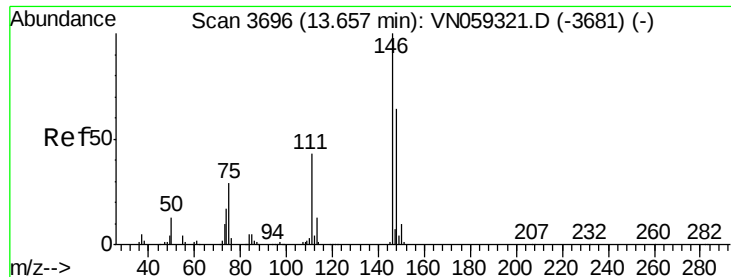
201 0.0 40.4 121.2#



Abundance Ion 116.80 (116.50 to 117.50): VN059339.D (-3765) (-)

Ion 200.70 (200.40 to 201.40): VN059339.D (-3765) (-)





#91

1,2-Dichlorobenzene

Concen: 0.524 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

Instrument :

MSVOA_N

ClientSampled :

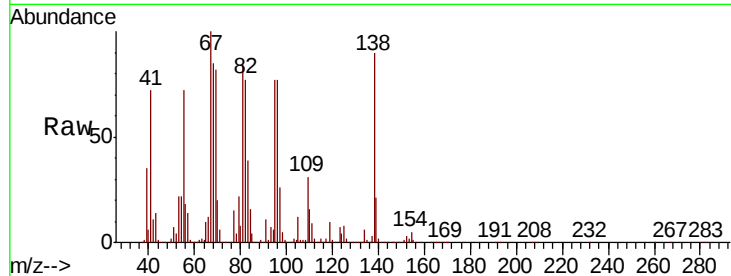
Tot Ion:146 Resp: 2324

Ion Ratio Lower Upper

146 100

111 0.0 21.3 64.0#

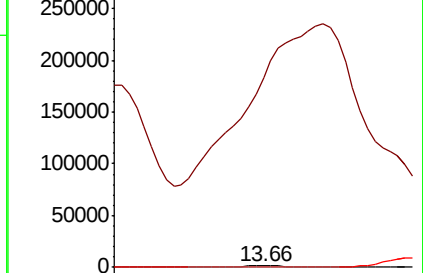
148 0.0 31.9 95.5#



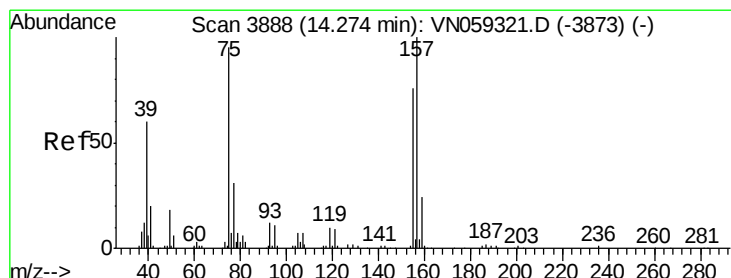
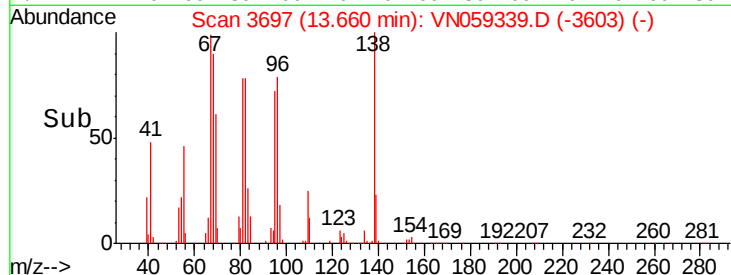
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 41.099 ug/l

RT: 14.30 min Scan# 3896

Delta R.T. 0.03 min

Lab File: VN059339.D

Acq: 21 Nov 2019 16:34

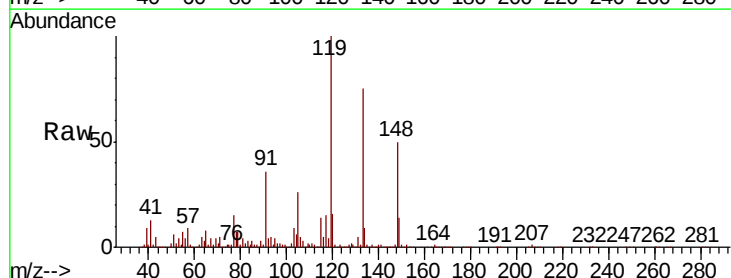
Tgt Ion: 75 Resp: 30704

Ion Ratio Lower Upper

75 100

155 0.0 40.5 121.5#

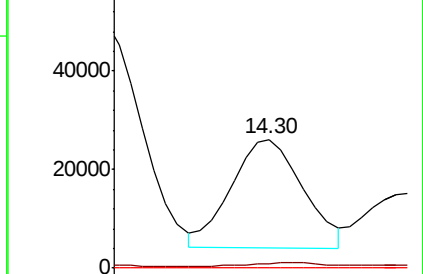
157 0.0 52.7 158.1#



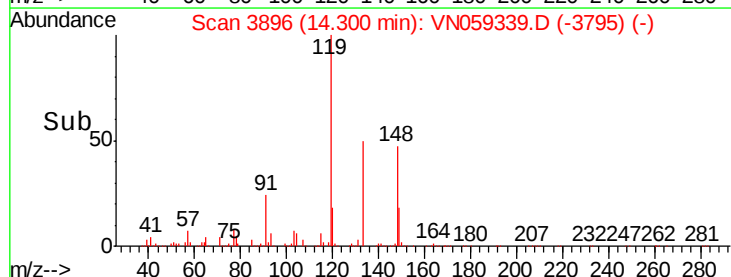
Abundance Ion 74.90 (74.60 to 75.60): V

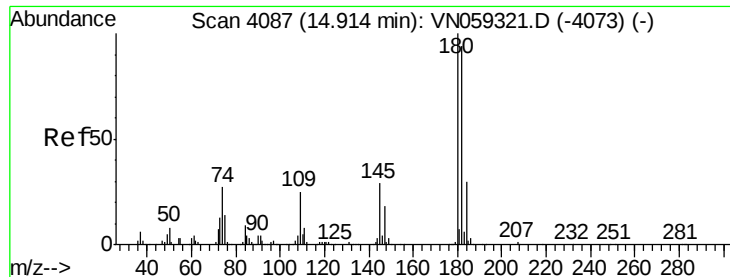
Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



Time-->

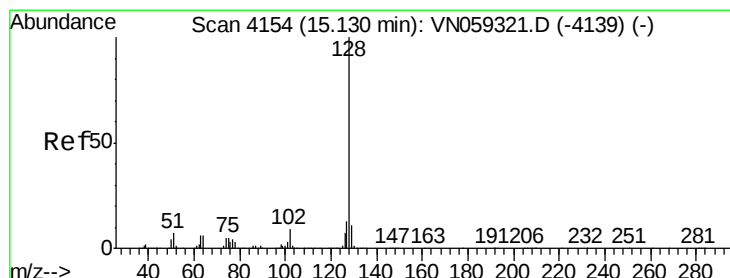
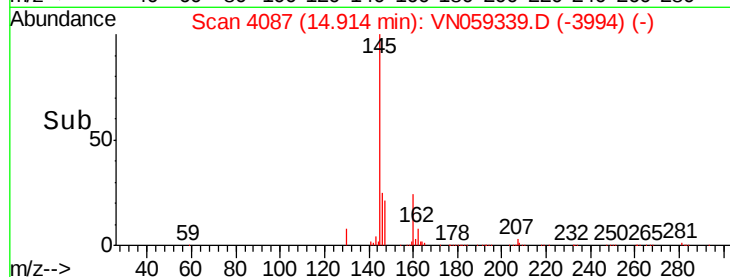
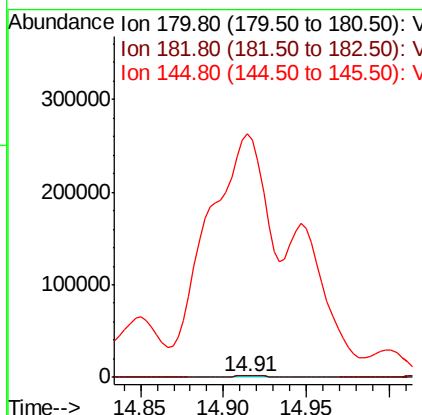
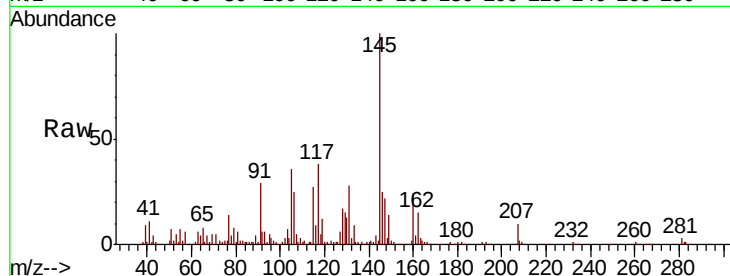




#93
 1,2,4-Trichlorobenzene
 Concen: 3.892 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059339.D
 Acq: 21 Nov 2019 16:34

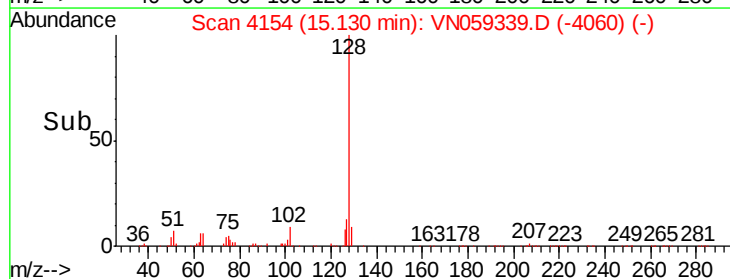
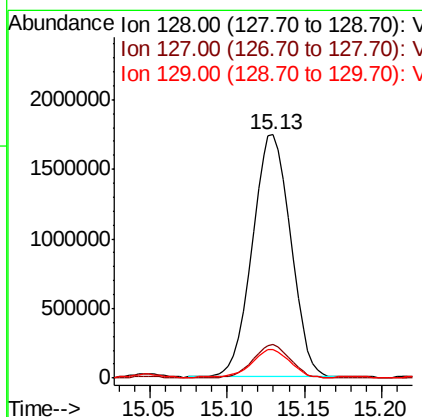
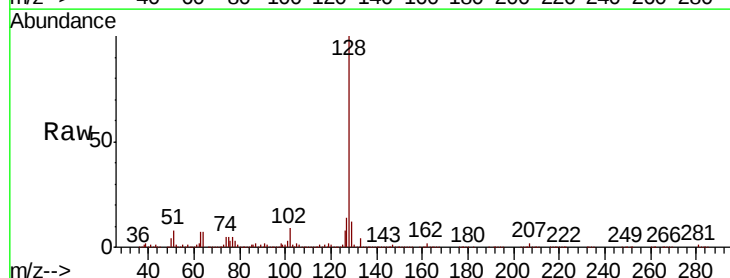
Instrument :
 MSVOA_N
 ClientSampleId :

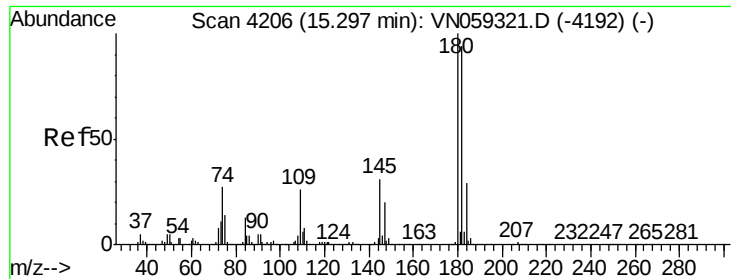
Tot Ion:180 Resp: 2796
 Ion Ratio Lower Upper
 180 100
 182 84.2 47.2 141.6
 145 23924.7 14.9 44.5#



#95
 Naphthalene
 Concen: 371.908 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN059339.D
 Acq: 21 Nov 2019 16:34

Tgt Ion:128 Resp: 3009794
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.2 15.2
 129 11.2 8.6 13.0

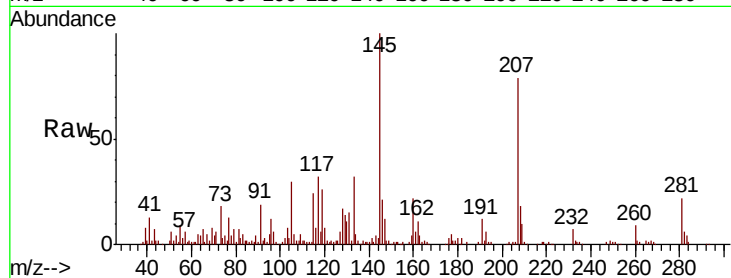




#96
 1,2,3-Trichlorobenzene
 Concen: 2.604 ug/l
 RT: 15.29 min Scan# 4205
 Delta R.T. -0.00 min
 Lab File: VN059339.D
 Acq: 21 Nov 2019 16:34

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	137.0	47.1	141.4
145	0.0	15.6	46.8#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

