

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100319\
 Data File : VN058516.D
 Acq On : 3 Oct 2019 17:34
 Operator : JC/SP
 Sample : K5160-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CSA-3-2

Quant Time: Oct 04 03:21:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	352592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	597209	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	510279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	190833	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	260917	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
35) Dibromofluoromethane	7.57	113	180458	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
50) Toluene-d8	10.09	98	738322	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.41	95	231710	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	

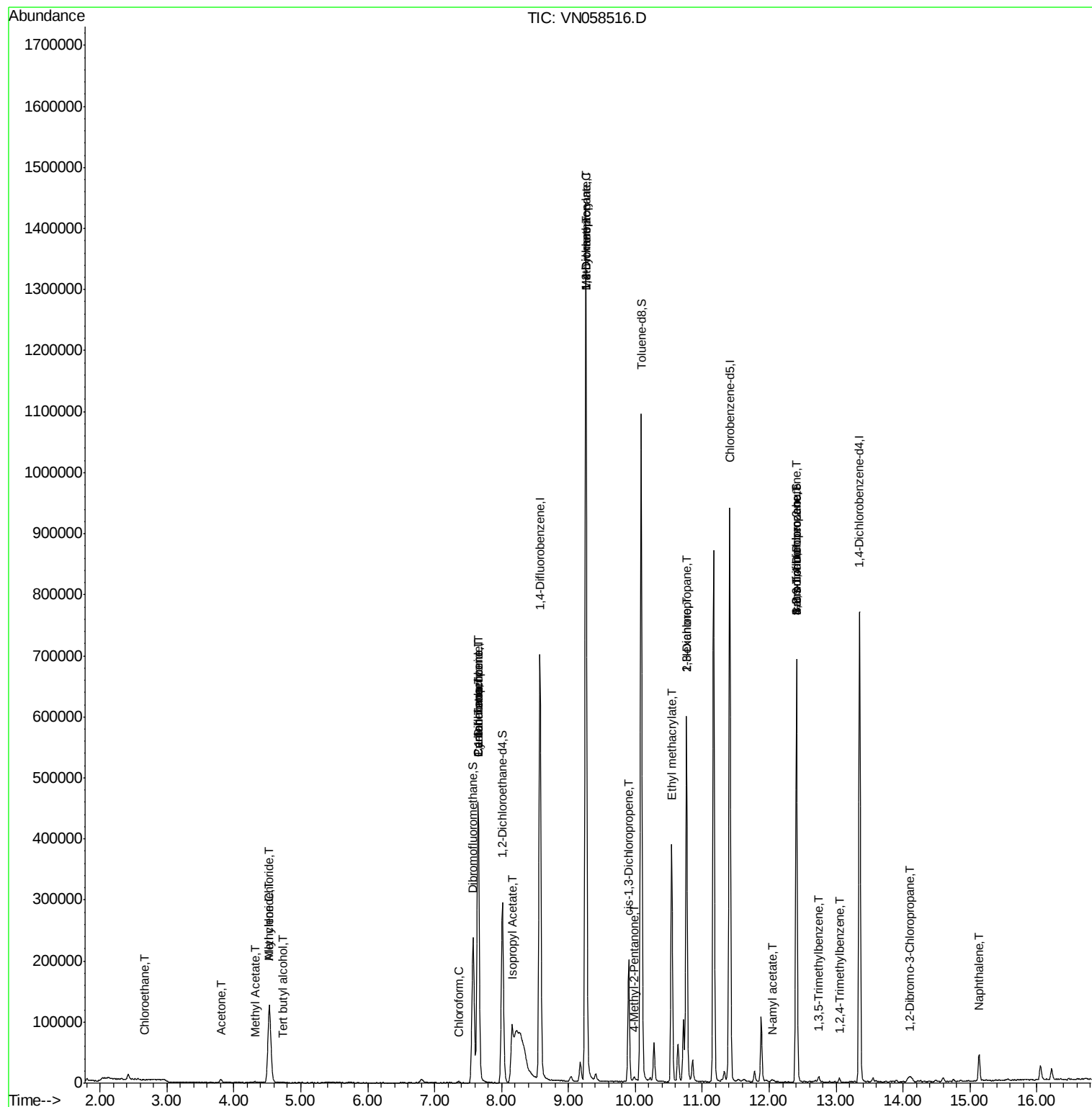
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	2.65	64	728	0.292	ug/l #	44
11) Tert butyl alcohol	4.74	59	131	0.229	ug/l #	71
14) Allyl chloride	4.53	41	3648	0.603	ug/l #	20
16) Acetone	3.80	43	8647	4.923	ug/l #	82
18) Methyl Acetate	4.31	43	4494	1.017	ug/l #	79
20) Methylene Chloride	4.53	84	92552	22.833	ug/l	99
30) Chloroform	7.36	83	2263	0.305	ug/l	91
31) Cyclohexane	7.65	56	9723	1.363	ug/l #	17
36) 1,1-Dichloropropene	7.65	75	32161	5.632	ug/l #	46
38) Carbon Tetrachloride	7.65	117	37946	7.362	ug/l #	15
43) Isopropyl Acetate	8.16	43	125766	13.814	ug/l #	88
45) 1,2-Dichloropropane	9.26	63	1709	0.388	ug/l #	43
48) Methyl methacrylate	9.26	41	141710	34.183	ug/l #	46
49) 1,4-Dioxane	9.25	88	30	0.541	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	3788	0.810	ug/l #	66
54) cis-1,3-Dichloropropene	9.90	75	32285	5.059	ug/l #	72
56) Ethyl methacrylate	10.54	69	1393	0.244	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	5559	0.828	ug/l #	43
59) 2-Hexanone	10.76	43	91788	26.955	ug/l #	53
60) Dibromochloromethane	10.89	129	99	Below Cal	#	11
71) Bromoform	12.40	173	638	0.961	ug/l #	1
74) N-amyl acetate	12.05	43	2649	0.472	ug/l #	49
76) 1,2,3-Trichloropropane	12.41	75	128516	36.871	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	4049	0.343	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.41	75	128516	111.981	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.05	105	3854	0.326	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.11	75	341	0.464	ug/l #	24
95) Naphthalene	15.14	128	37001	3.942	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	31	Below Cal	#	1

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058516.D

Acq: 3 Oct 2019 17:34

Instrument :

MSVOA_N

ClientSampleId :

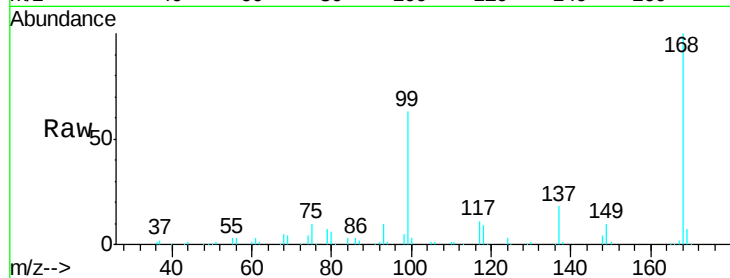
CSA-3-2

Tgt Ion:168 Resp: 352592

Ion Ratio Lower Upper

168 100

99 63.5 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

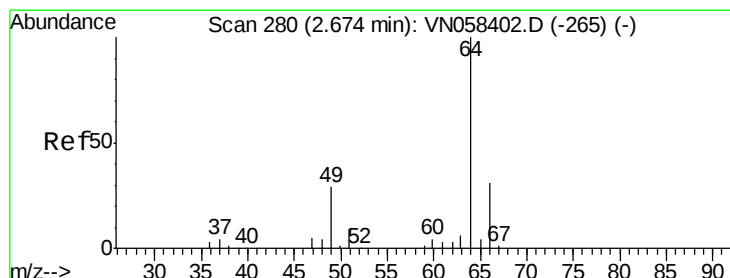
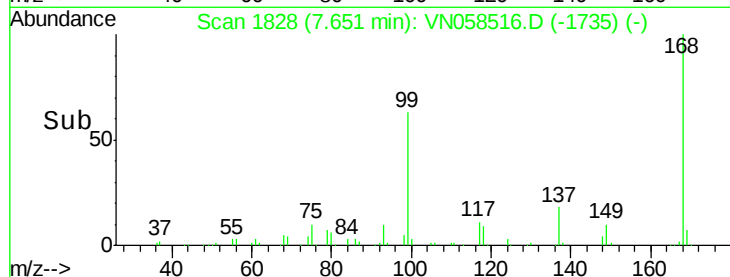
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 0.292 ug/l

RT: 2.65 min Scan# 274

Delta R.T. -0.02 min

Lab File: VN058516.D

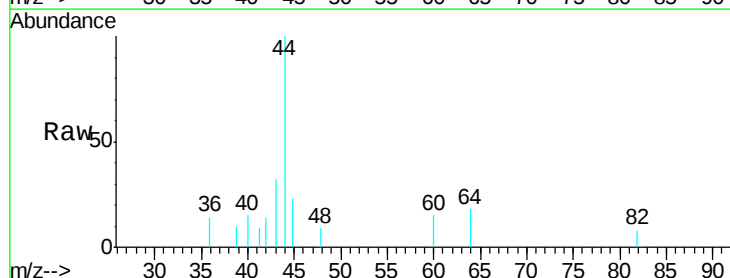
Acq: 3 Oct 2019 17:34

Tgt Ion: 64 Resp: 728

Ion Ratio Lower Upper

64 100

66 0.0 24.4 36.6#



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

2.65

400

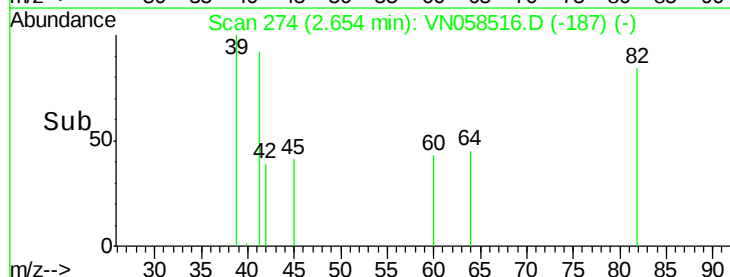
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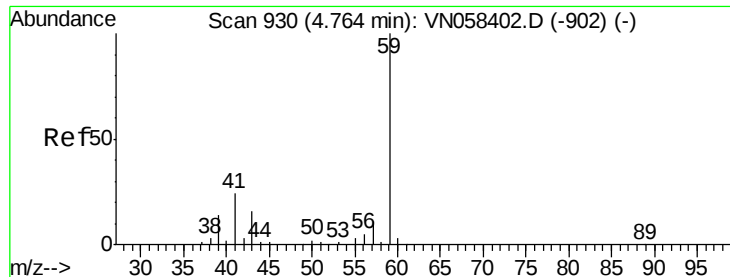
200

100

0

Time-->

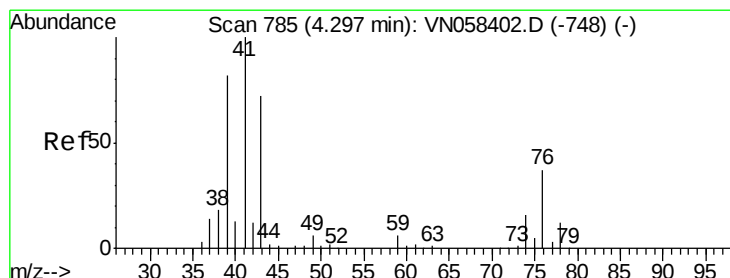
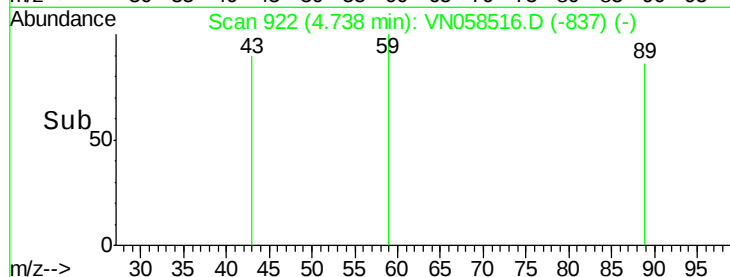
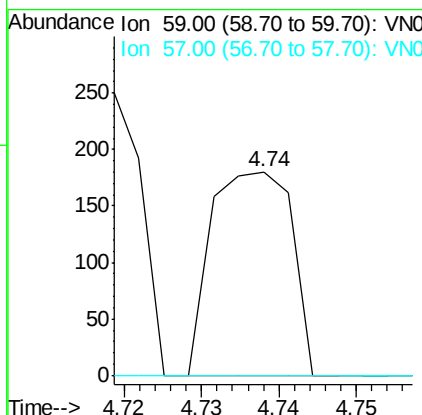
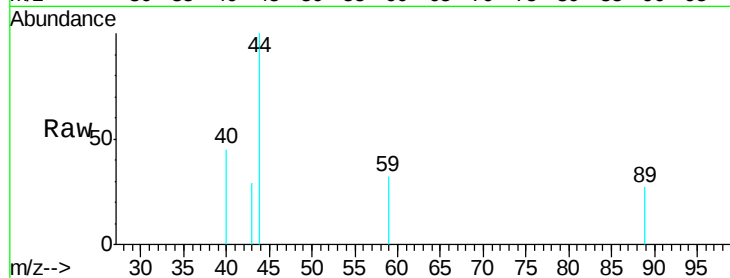




#11
Tert butyl alcohol
Concen: 0.229 ug/l
RT: 4.74 min Scan# 922
Delta R.T. -0.03 min
Lab File: VN058516.D
Acq: 3 Oct 2019 17:34

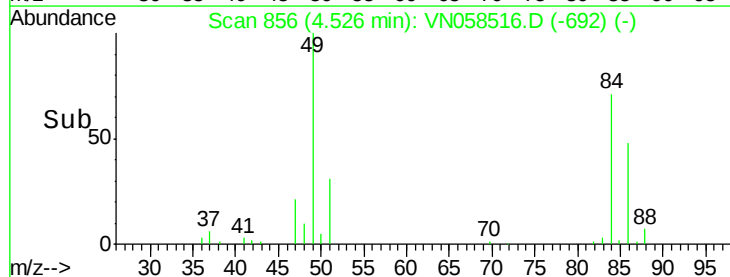
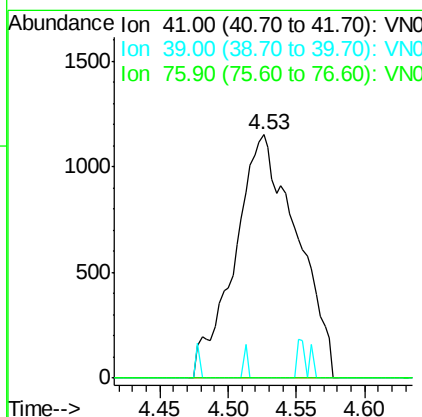
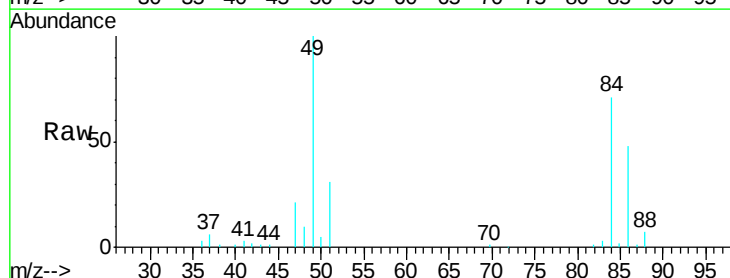
Instrument :
MSVOA_N
ClientSampled :
CSA-3-2

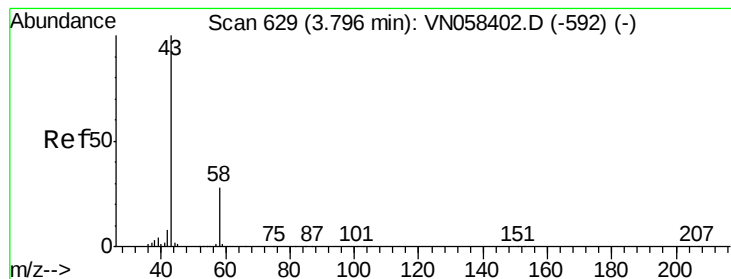
Tgt Ion: 59 Resp: 131
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



#14
Allyl chloride
Concen: 0.603 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.23 min
Lab File: VN058516.D
Acq: 3 Oct 2019 17:34

Tgt Ion: 41 Resp: 3648
Ion Ratio Lower Upper
41 100
39 0.8 62.3 93.5#
76 0.0 26.9 40.3#





#16

Acetone

Concen: 4.923 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058516.D

Acq: 3 Oct 2019 17:34

Instrument :

MSVOA_N

ClientSampled :

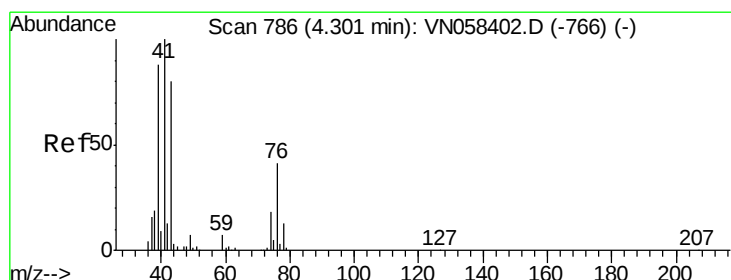
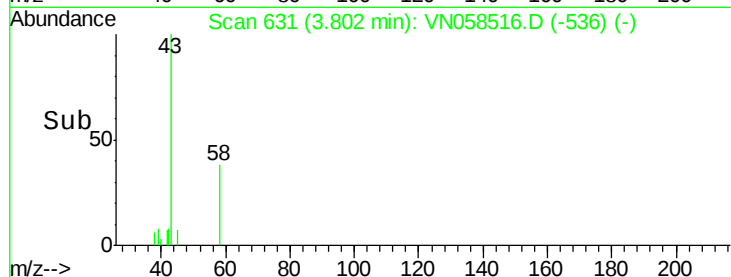
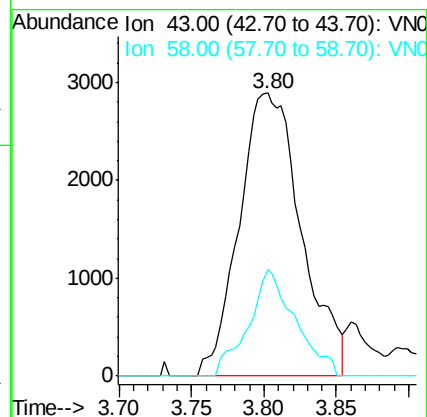
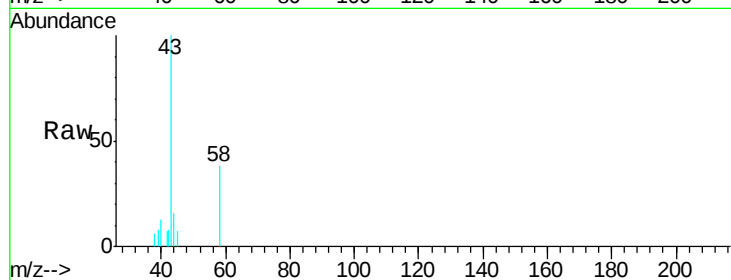
CSA-3-2

Tgt Ion: 43 Resp: 8647

Ion Ratio Lower Upper

43 100

58 37.7 22.4 33.6#



#18

Methyl Acetate

Concen: 1.017 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.01 min

Lab File: VN058516.D

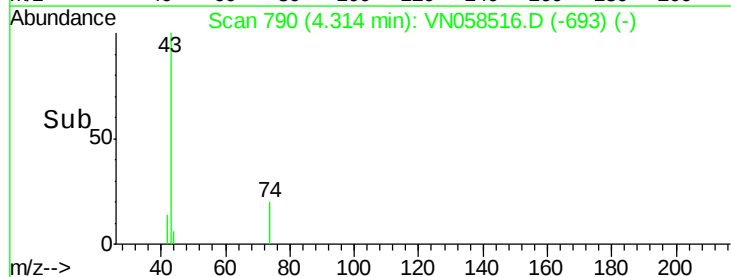
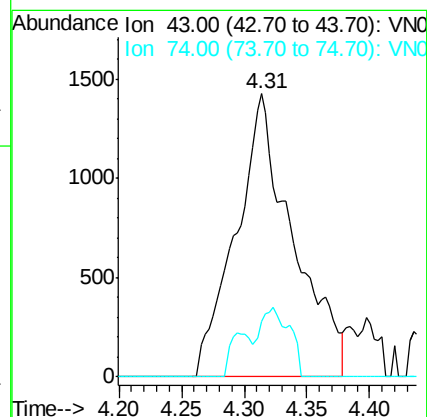
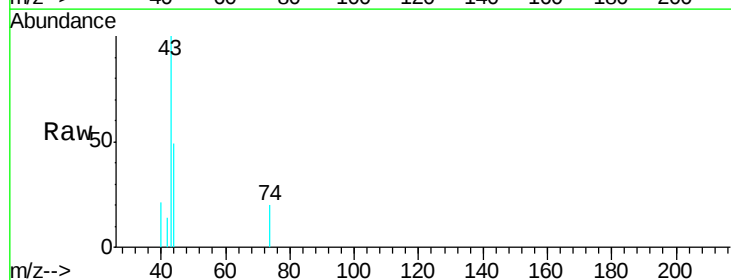
Acq: 3 Oct 2019 17:34

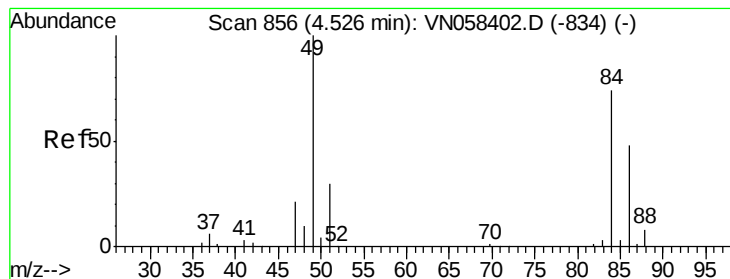
Tgt Ion: 43 Resp: 4494

Ion Ratio Lower Upper

43 100

74 12.6 18.0 27.0#





#20

Methylene Chloride

Concen: 22.833 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.01 min

Lab File: VN058516.D

Acq: 3 Oct 2019 17:34

Instrument :

MSVOA_N

ClientSampled :

CSA-3-2

Tgt Ion: 84 Resp: 92552

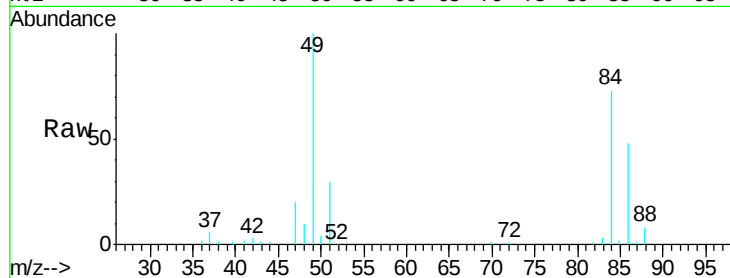
Ion Ratio Lower Upper

84 100

49 136.6 107.9 161.9

51 40.6 32.8 49.2

86 66.1 51.5 77.3

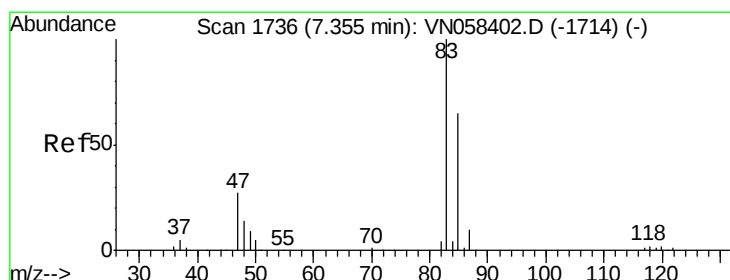
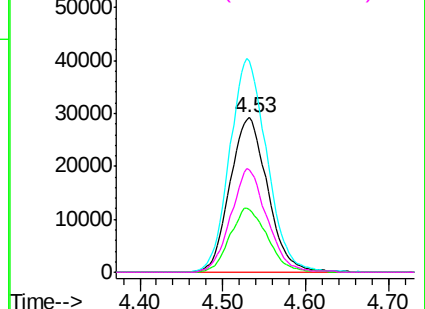
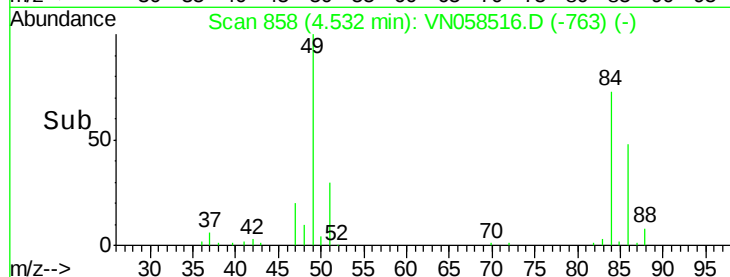


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#30

Chloroform

Concen: 0.305 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VN058516.D

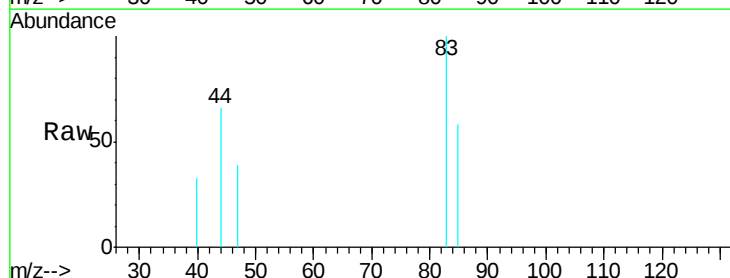
Acq: 3 Oct 2019 17:34

Tgt Ion: 83 Resp: 2263

Ion Ratio Lower Upper

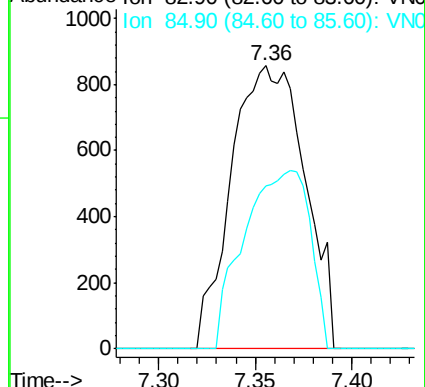
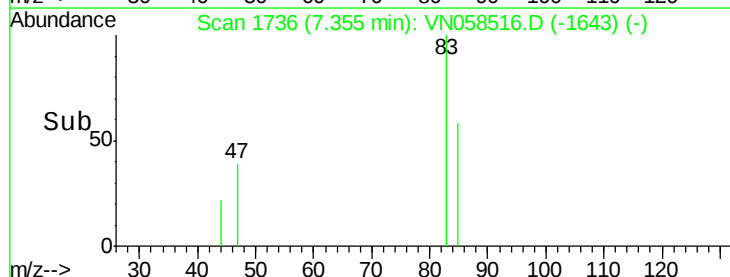
83 100

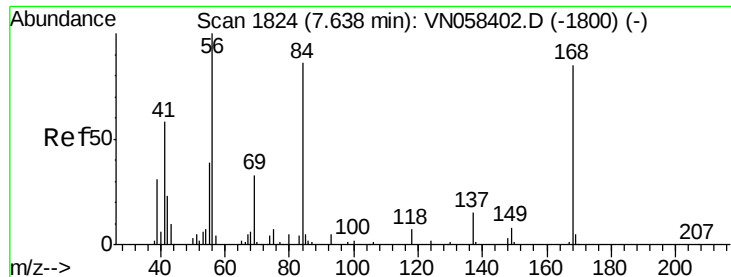
85 57.6 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 1.363 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.01 min

Lab File: VN058516.D

Acq: 3 Oct 2019 17:34

Instrument :

MSVOA_N

ClientSampleId :

CSA-3-2

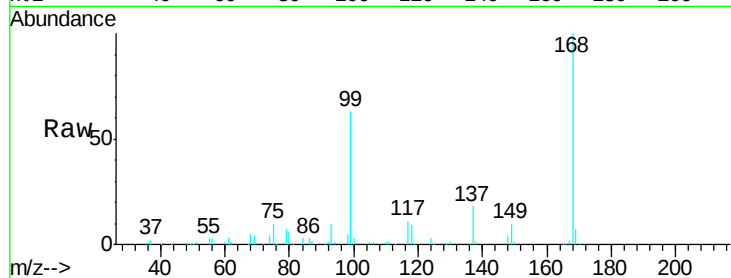
Tgt Ion: 56 Resp: 9723

Ion Ratio Lower Upper

56 100

69 153.2 26.2 39.4#

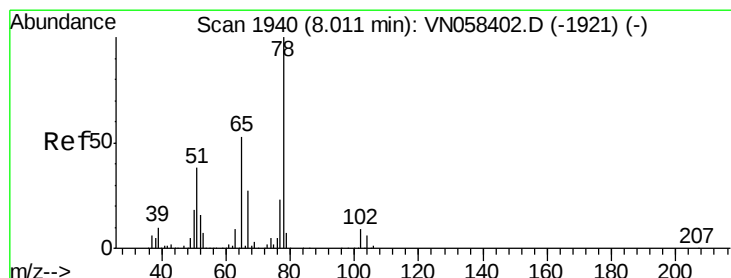
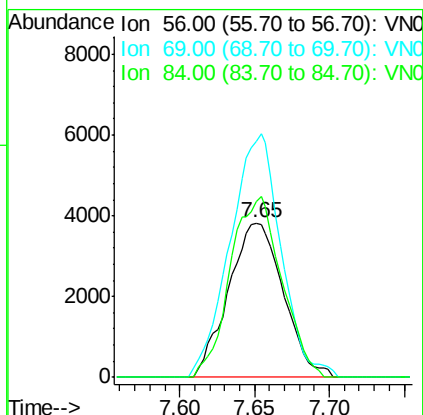
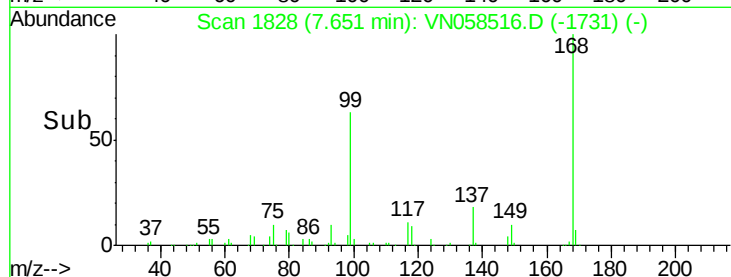
84 113.6 67.6 101.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.638 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058516.D

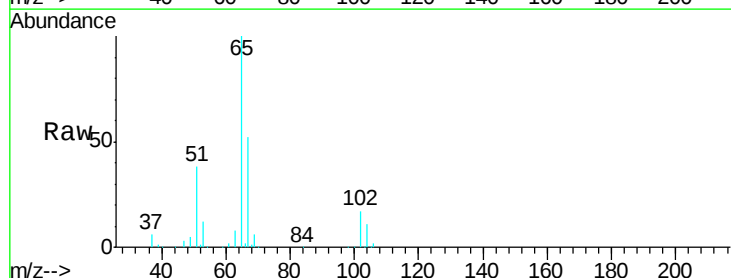
Acq: 3 Oct 2019 17:34

Tgt Ion: 65 Resp: 260917

Ion Ratio Lower Upper

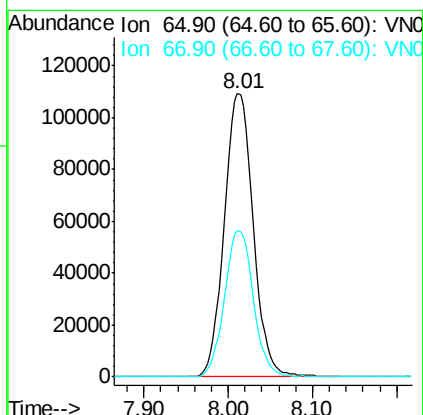
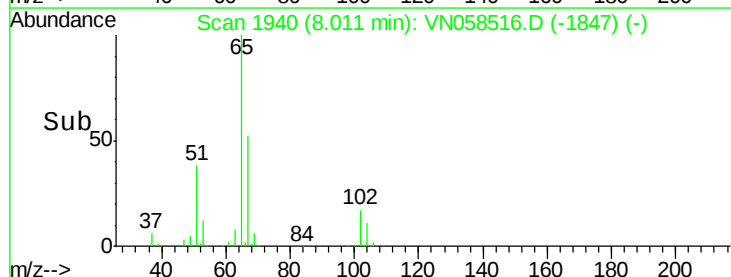
65 100

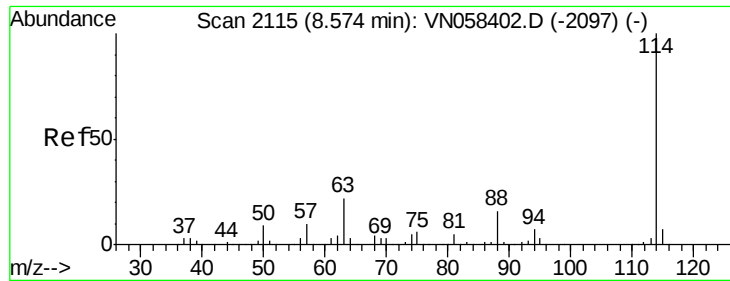
67 51.3 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

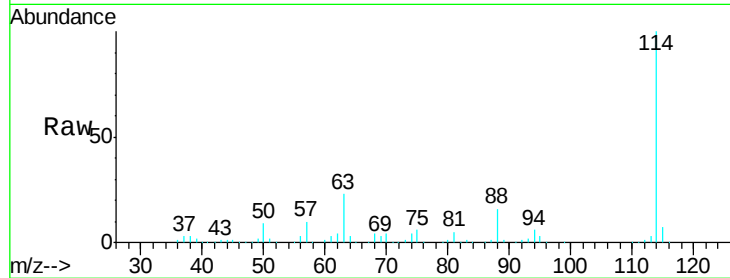




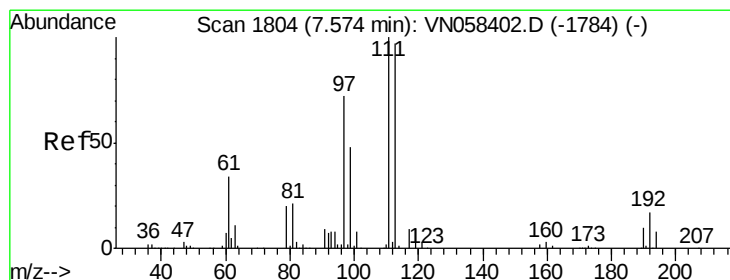
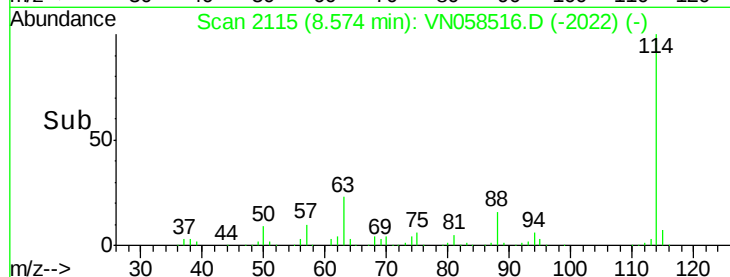
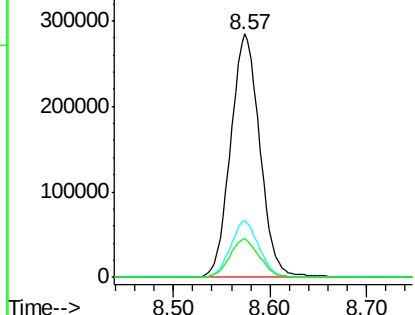
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058516.D
 Acq: 3 Oct 2019 17:34

Instrument :
 MSVOA_N
 ClientSampleId :
 CSA-3-2

Tgt Ion:114 Resp: 597209
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.0
 88 15.7 0.0 32.2

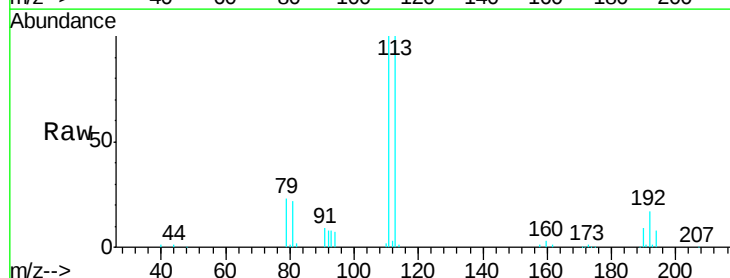


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

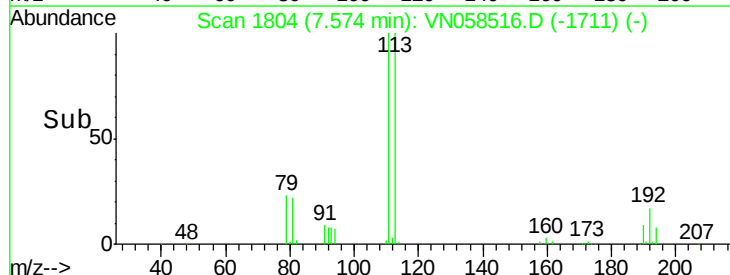
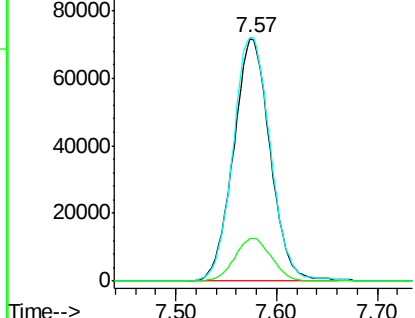


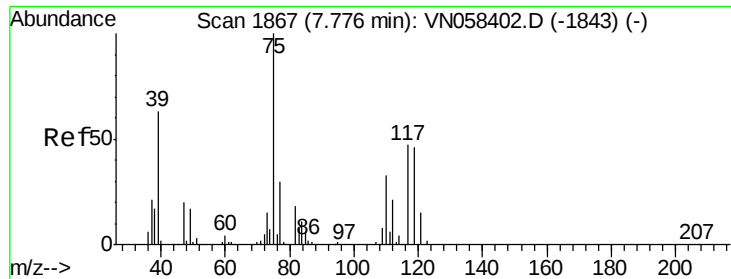
#35
 Dibromofluoromethane
 Concen: 49.302 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058516.D
 Acq: 3 Oct 2019 17:34

Tgt Ion:113 Resp: 180458
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.4 125.2
 192 17.7 14.9 22.3



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

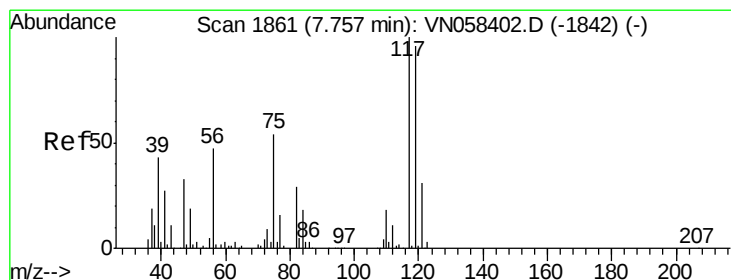
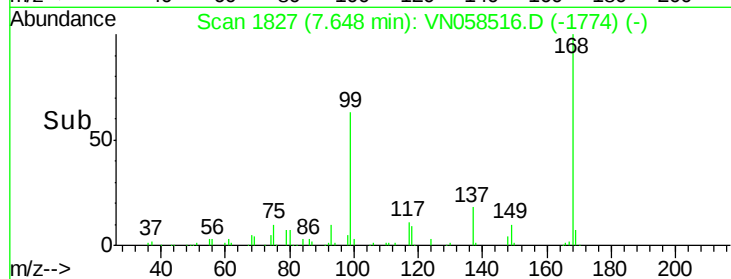
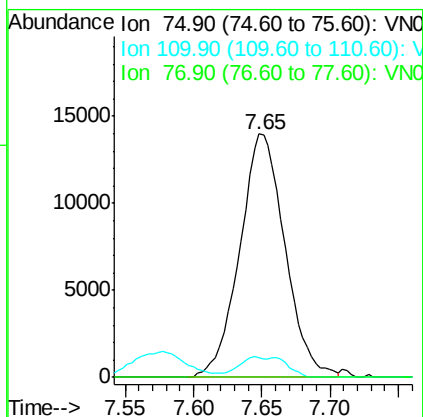
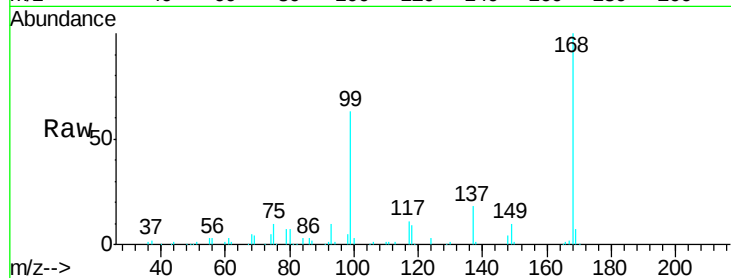




#36
 1,1-Dichloropropene
 Concen: 5.632 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058516.D
 Acq: 3 Oct 2019 17:34

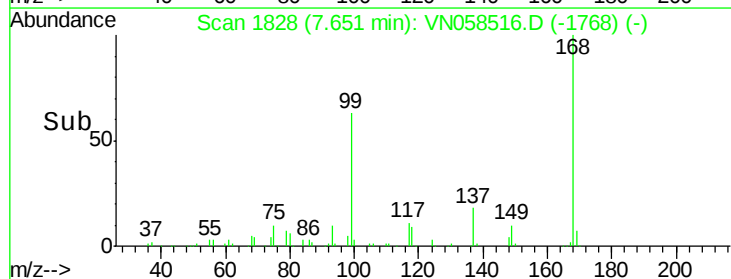
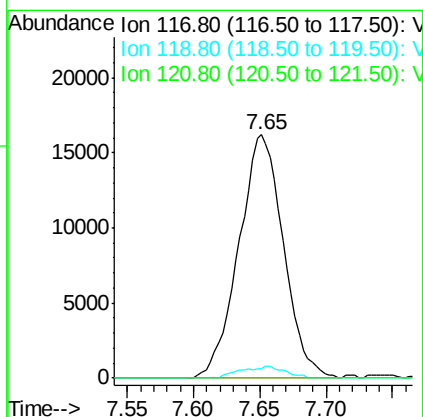
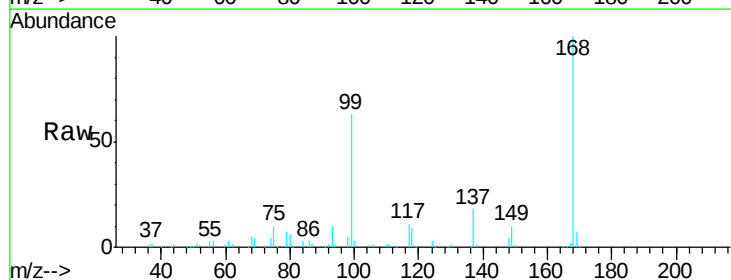
Instrument :
 MSVOA_N
 ClientSampled :
 CSA-3-2

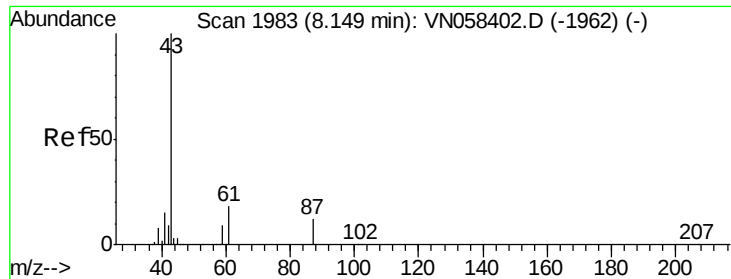
Tgt Ion: 75 Resp: 32161
 Ion Ratio Lower Upper
 75 100
 110 3.4 16.4 49.2#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 7.362 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN058516.D
 Acq: 3 Oct 2019 17:34

Tgt Ion: 117 Resp: 37946
 Ion Ratio Lower Upper
 117 100
 119 4.1 76.6 115.0#
 121 0.0 24.7 37.1#





#43

Isopropyl Acetate

Concen: 13.814 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN058516.D

Acq: 3 Oct 2019 17:34

Instrument :

MSVOA_N

ClientSampleId :

CSA-3-2

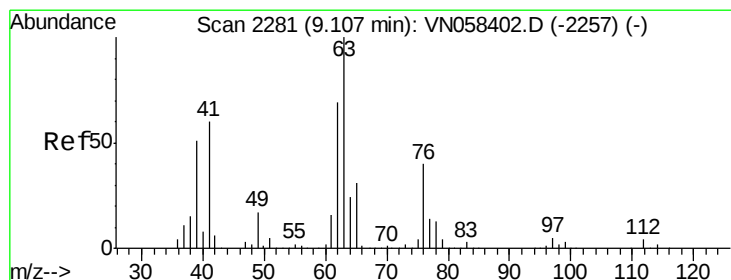
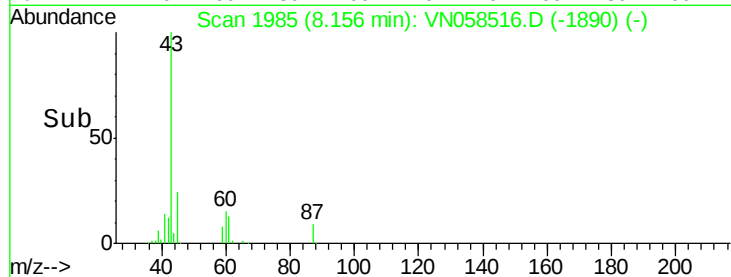
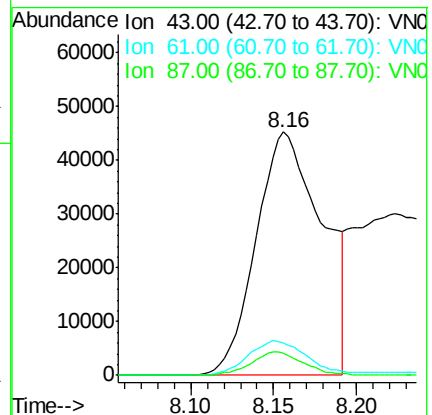
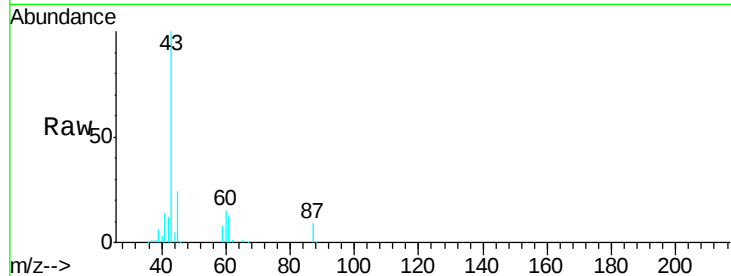
Tgt Ion: 43 Resp: 125766

Ion Ratio Lower Upper

43 100

61 12.9 14.8 22.2#

87 7.6 9.7 14.5#



#45

1,2-Dichloropropane

Concen: 0.388 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.15 min

Lab File: VN058516.D

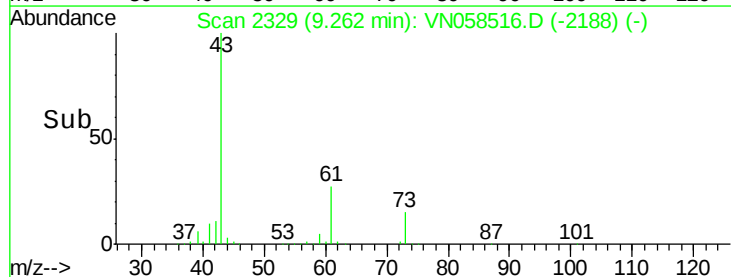
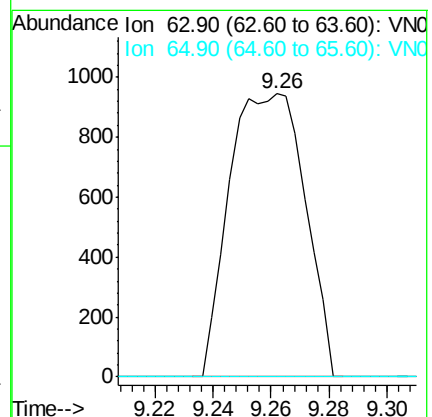
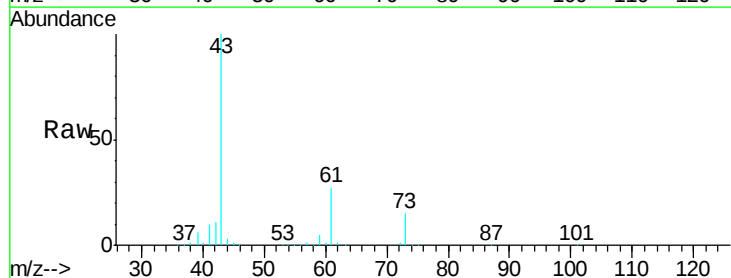
Acq: 3 Oct 2019 17:34

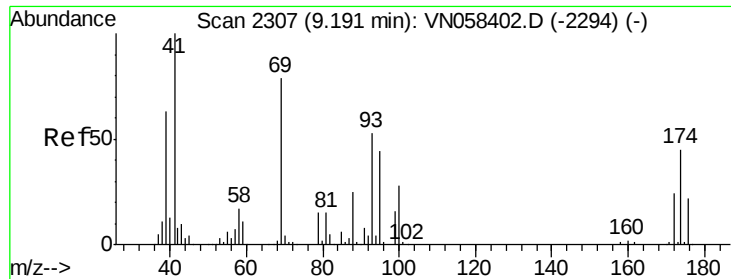
Tgt Ion: 63 Resp: 1709

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.4#

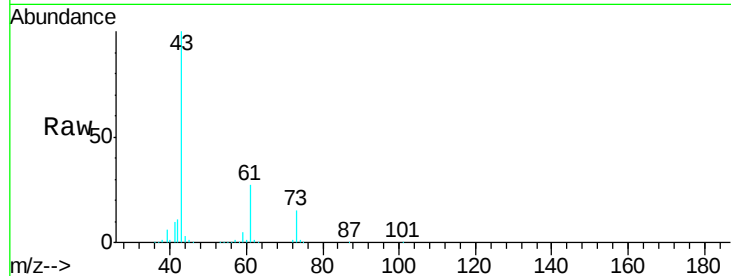




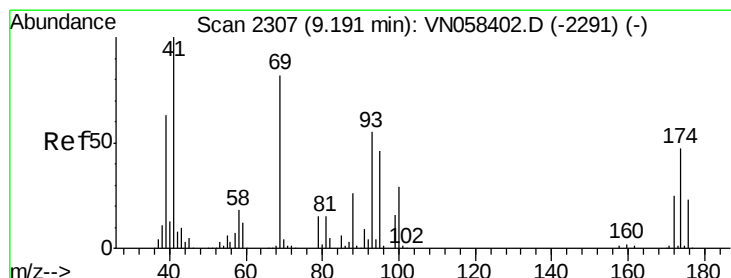
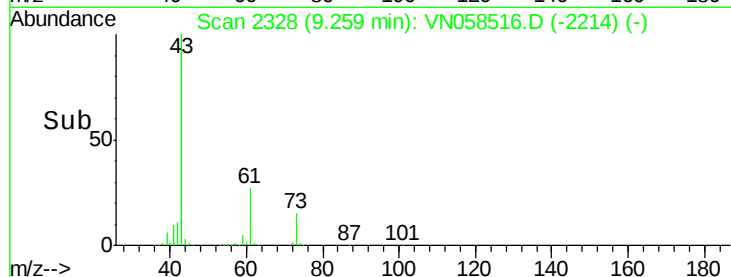
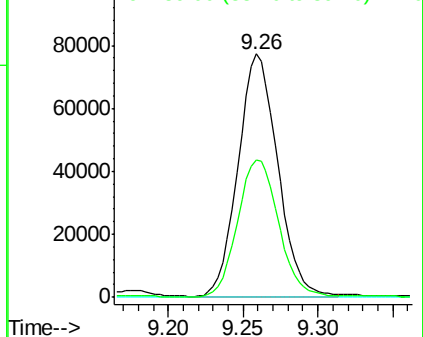
#48
Methyl methacrylate
Concen: 34.183 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.07 min
Lab File: VN058516.D
Acq: 3 Oct 2019 17:34

Instrument :
MSVOA_N
ClientSampled :
CSA-3-2

Tgt Ion: 41 Resp: 141710
Ion Ratio Lower Upper
41 100
69 0.0 64.7 97.1#
39 59.4 52.9 79.3

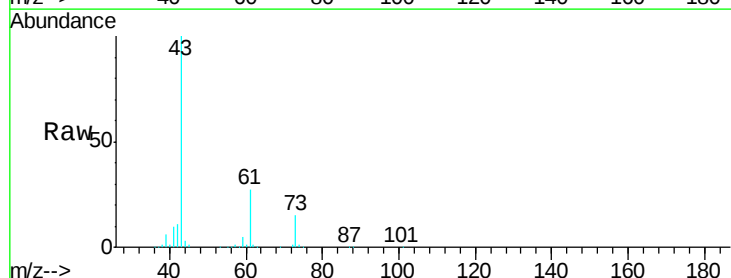


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

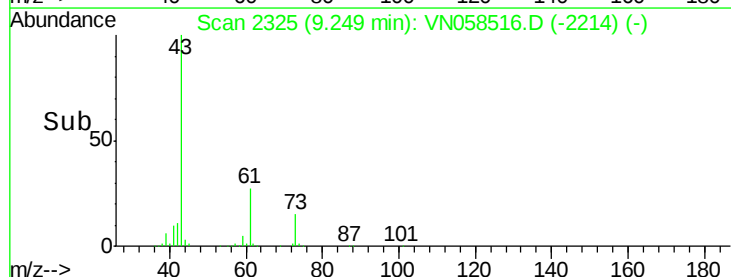
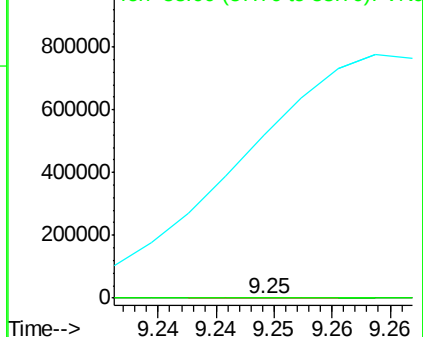


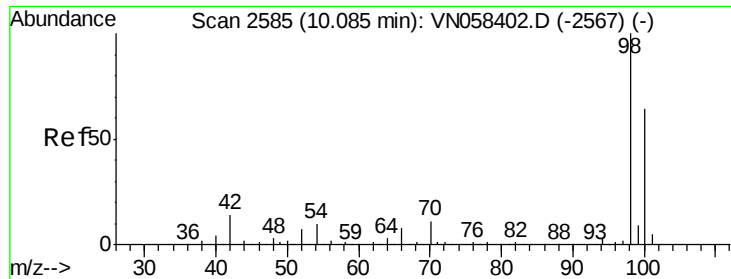
#49
1,4-Dioxane
Concen: 0.541 ug/l
RT: 9.25 min Scan# 2325
Delta R.T. 0.06 min
Lab File: VN058516.D
Acq: 3 Oct 2019 17:34

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 4823166.7 31.1 46.7#
58 19523.3 58.1 87.1#



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





#50

Toluene-d8

Concen: 51.492 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058516.D

Acq: 3 Oct 2019 17:34

Instrument :

MSVOA_N

ClientSampled :

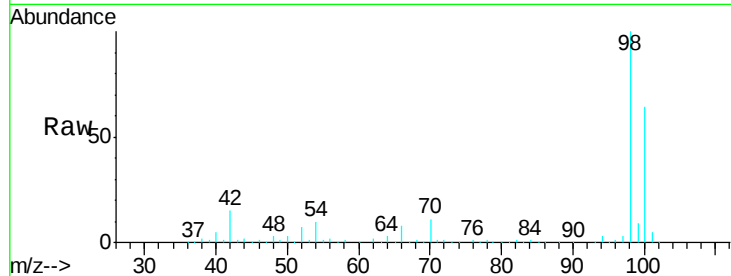
CSA-3-2

Tgt Ion: 98 Resp: 738322

Ion Ratio Lower Upper

98 100

100 63.7 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN058402.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN058402.D (-2567) (-)

10.09

400000

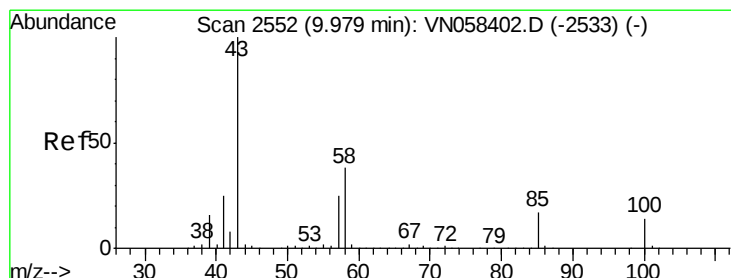
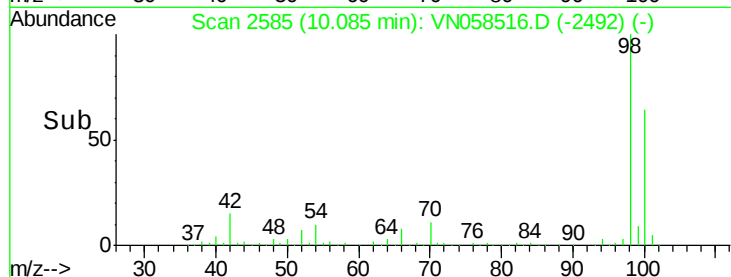
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.810 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058516.D

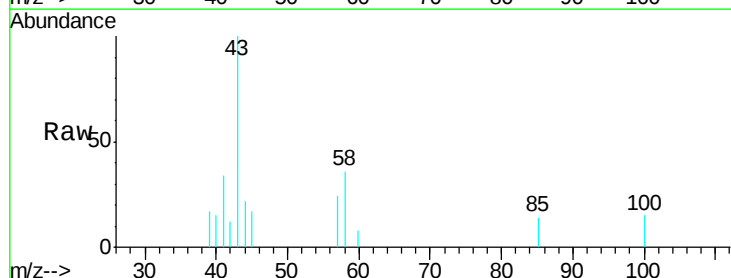
Acq: 3 Oct 2019 17:34

Tgt Ion: 43 Resp: 3788

Ion Ratio Lower Upper

43 100

58 58.3 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VN058402.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN058402.D (-2533) (-)

9.98

8000

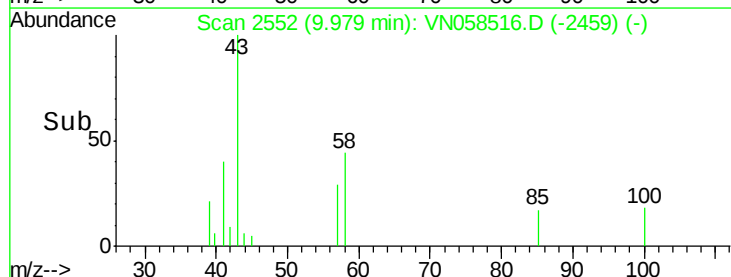
6000

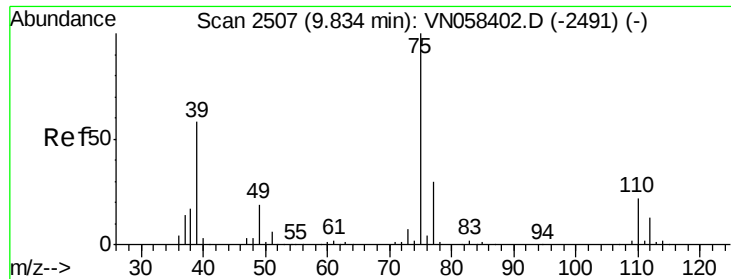
4000

2000

0

Time-->



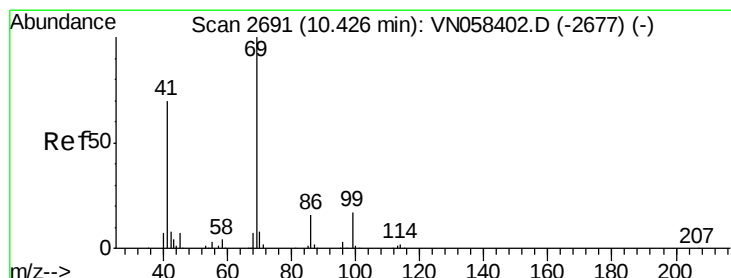
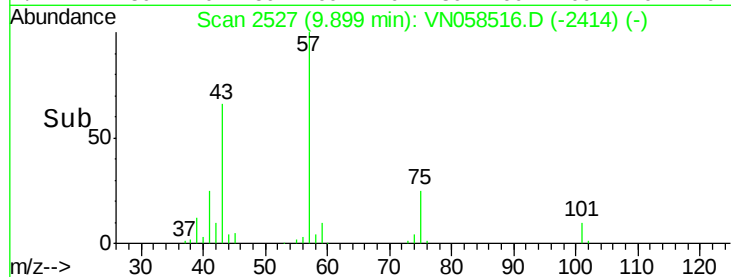
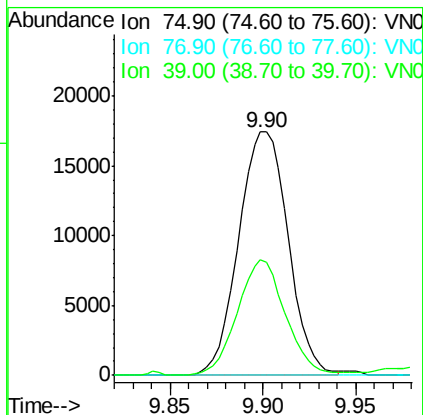
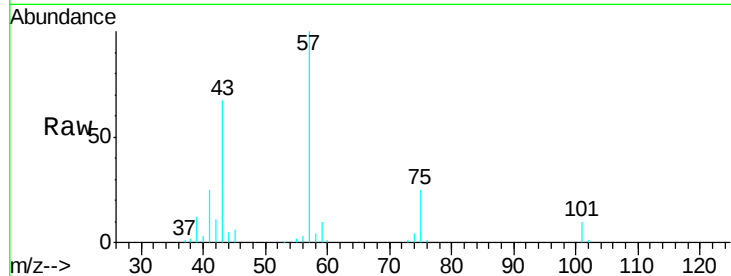


#54

cis-1,3-Dichloropropene
 Concen: 5.059 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN058516.D
 Acq: 3 Oct 2019 17:34

Instrument :
 MSVOA_N
 ClientSampleId :
 CSA-3-2

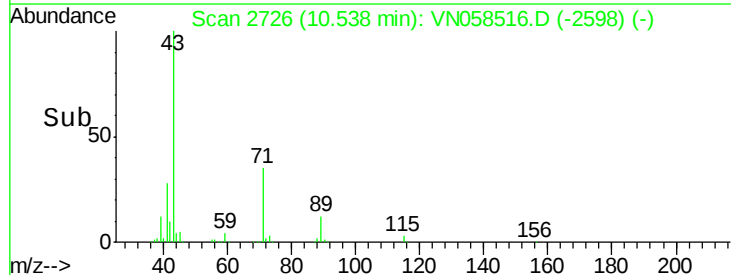
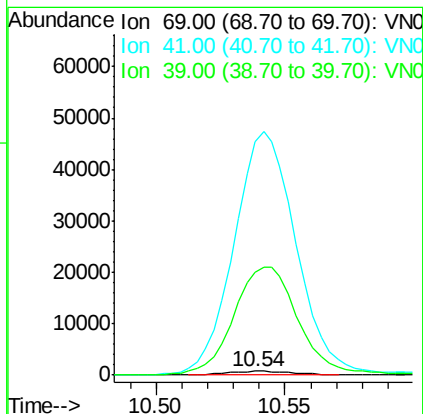
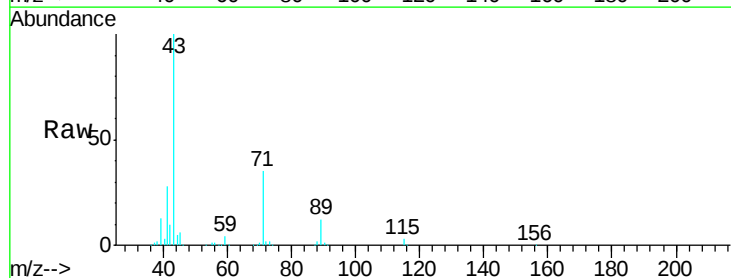
Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.2	36.4#
39	47.4	46.4	69.6

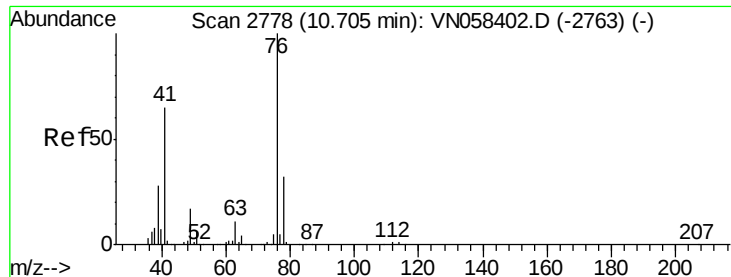


#56

Ethyl methacrylate
 Concen: 0.244 ug/l
 RT: 10.54 min Scan# 2726
 Delta R.T. 0.11 min
 Lab File: VN058516.D
 Acq: 3 Oct 2019 17:34

Tgt Ion	Ratio	Lower	Upper
69	100		
41	5763.0	56.3	84.5#
39	2656.6	35.8	53.6#

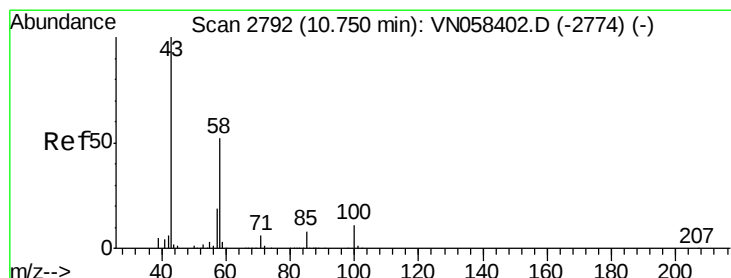
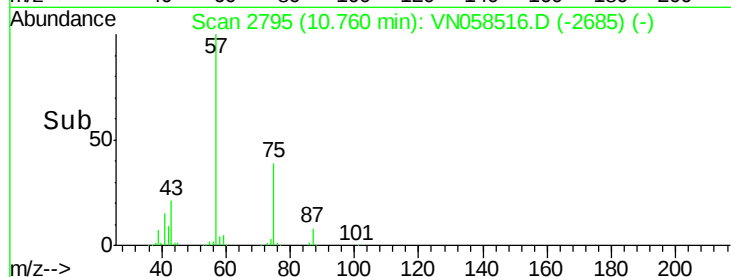
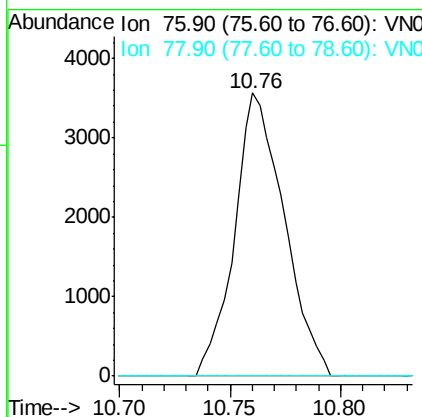
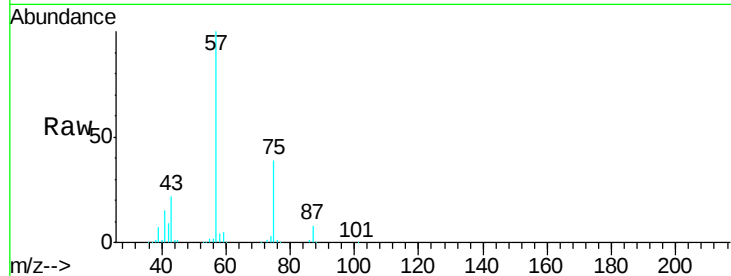




#57
 1,3-Dichloropropane
 Concen: 0.828 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.05 min
 Lab File: VN058516.D
 Acq: 3 Oct 2019 17:34

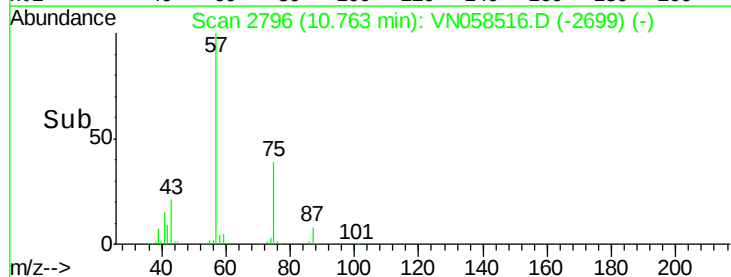
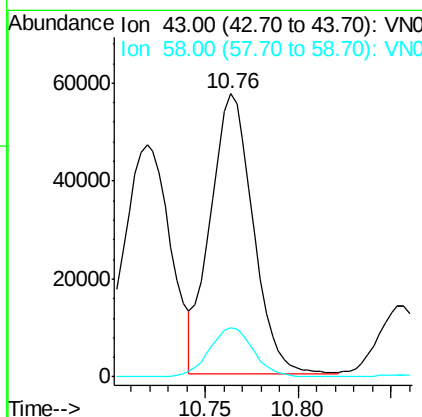
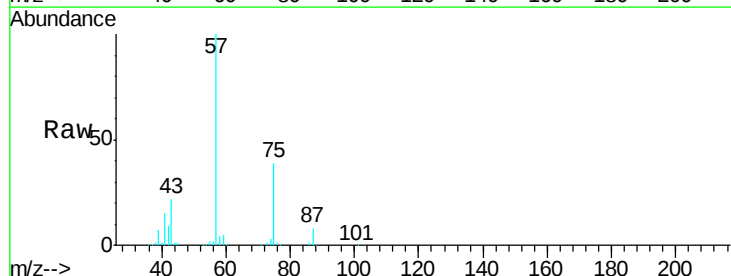
Instrument :
 MSVOA_N
 ClientSampled :
 CSA-3-2

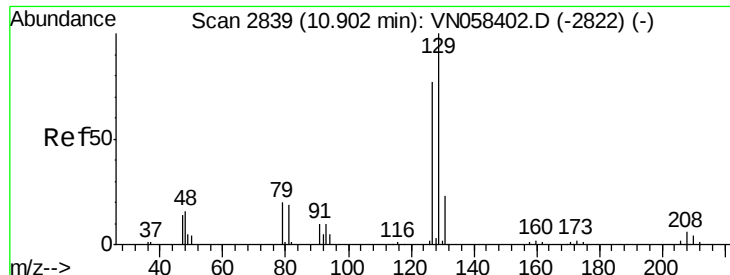
Tgt Ion: 76 Resp: 5559
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#



#59
 2-Hexanone
 Concen: 26.955 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN058516.D
 Acq: 3 Oct 2019 17:34

Tgt Ion: 43 Resp: 91788
 Ion Ratio Lower Upper
 43 100
 58 18.3 25.8 77.3#

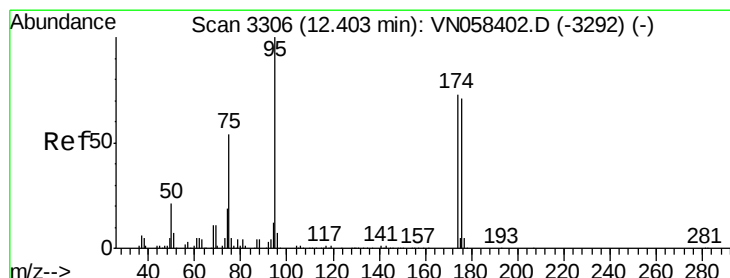
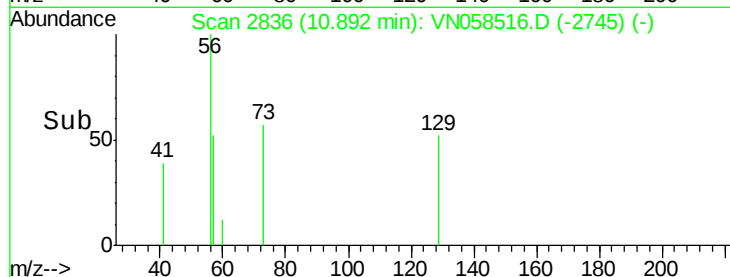
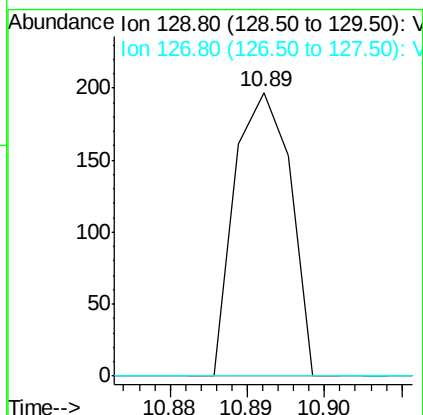
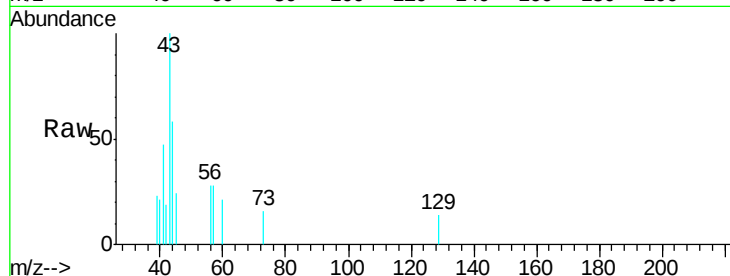




#60
Dibromochloromethane
Concen: Below Cal
RT: 10.89 min Scan# 2836
Delta R.T. -0.01 min
Lab File: VN058516.D
Acq: 3 Oct 2019 17:34

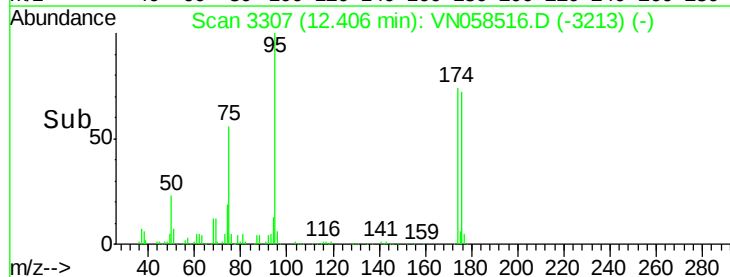
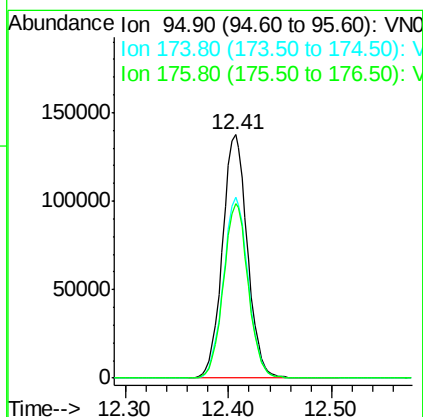
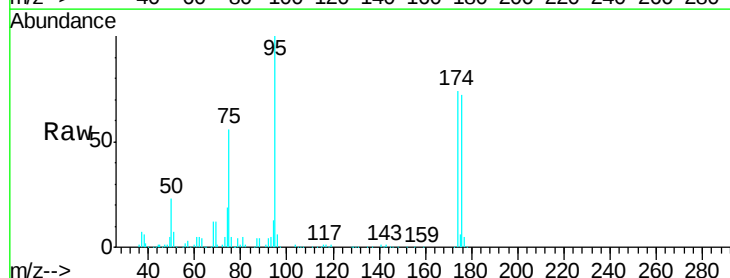
Instrument :
MSVOA_N
ClientSampled :
CSA-3-2

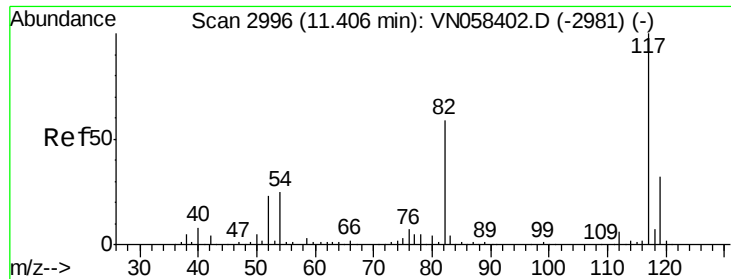
Tgt Ion: 129 Resp: 99
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.8#



#62
4-Bromofluorobenzene
Concen: 44.692 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058516.D
Acq: 3 Oct 2019 17:34

Tgt Ion: 95 Resp: 231710
Ion Ratio Lower Upper
95 100
174 74.2 0.0 150.6
176 71.0 0.0 146.2

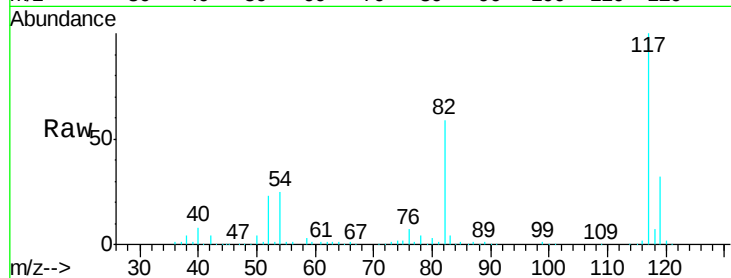




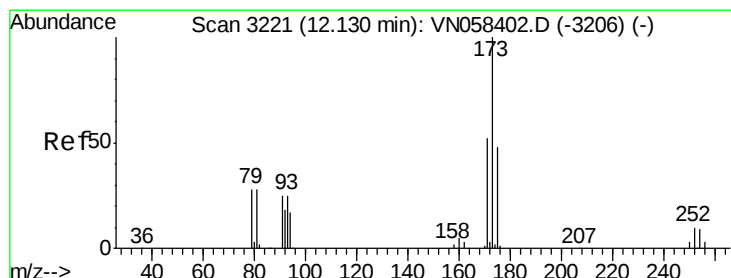
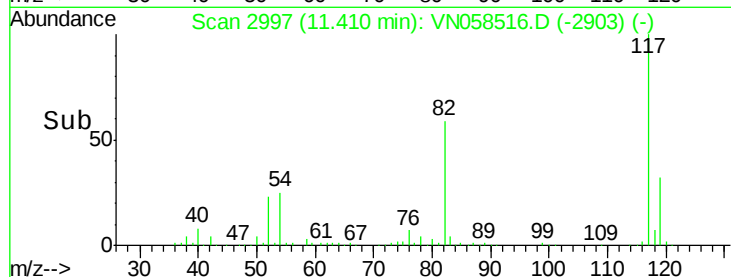
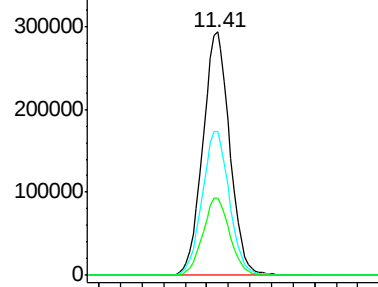
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058516.D
Acq: 3 Oct 2019 17:34

Instrument :
MSVOA_N
ClientSampleId :
CSA-3-2

Tgt Ion:117 Resp: 510279
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.0
119 32.0 25.5 38.3

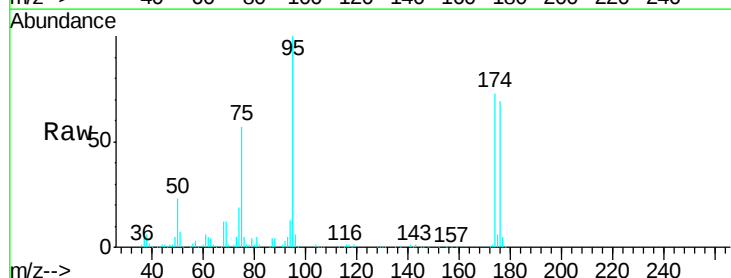


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

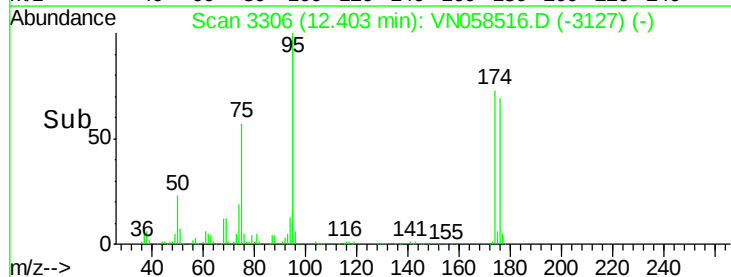
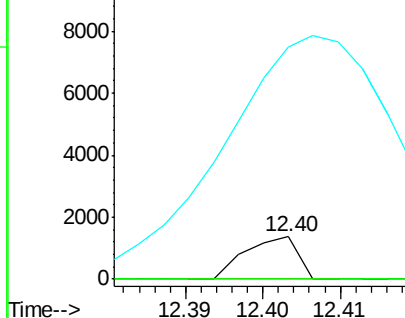


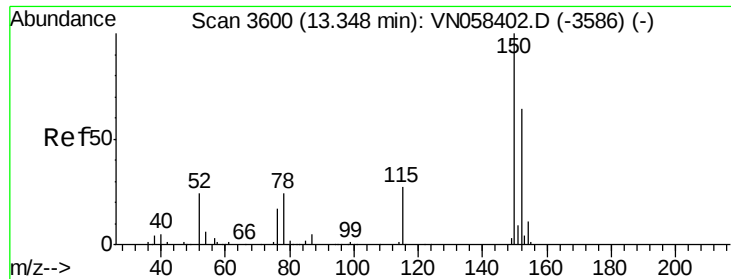
#71
Bromoform
Concen: 0.961 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.27 min
Lab File: VN058516.D
Acq: 3 Oct 2019 17:34

Tgt Ion:173 Resp: 638
Ion Ratio Lower Upper
173 100
175 1721.8 24.3 73.0#
254 0.0 0.1 0.1#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058516.D

Acq: 3 Oct 2019 17:34

Instrument :

MSVOA_N

ClientSampleId :

CSA-3-2

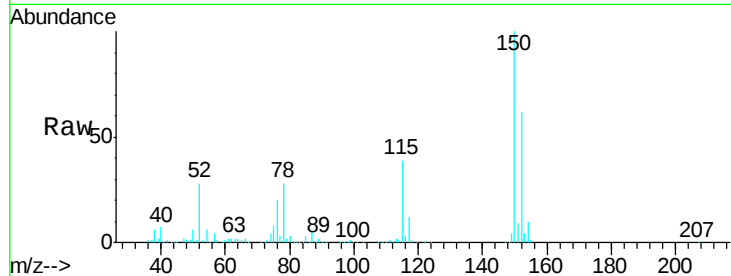
Tgt Ion: 152 Resp: 190833

Ion Ratio Lower Upper

152 100

115 62.8 30.0 90.0

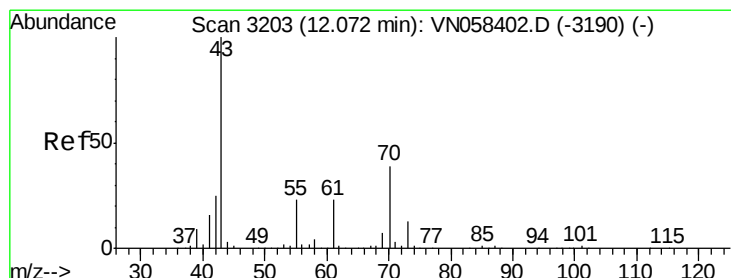
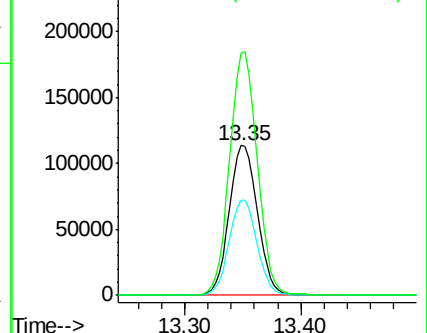
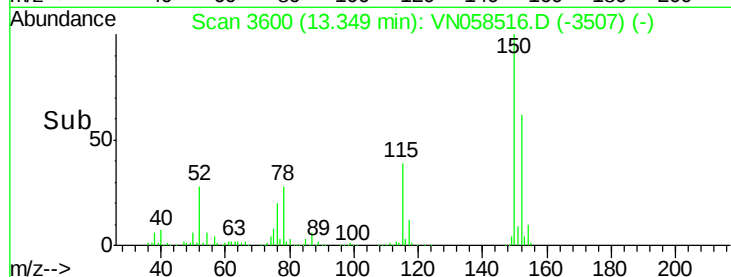
150 159.4 0.0 348.2



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



#74

N-ethyl acetate

Concen: 0.472 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.03 min

Lab File: VN058516.D

Acq: 3 Oct 2019 17:34

Tgt Ion: 43 Resp: 2649

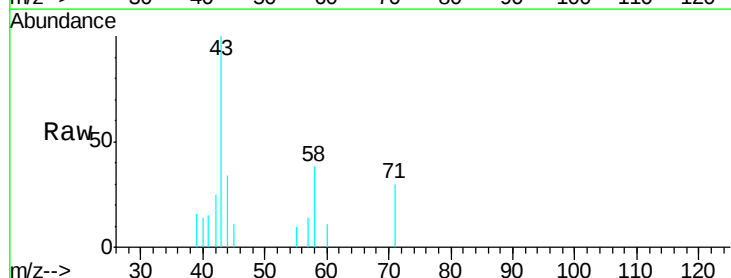
Ion Ratio Lower Upper

43 100

70 0.0 31.4 47.2#

55 7.8 18.2 27.4#

61 0.0 18.3 27.5#

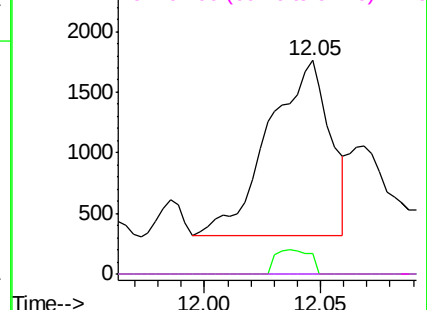
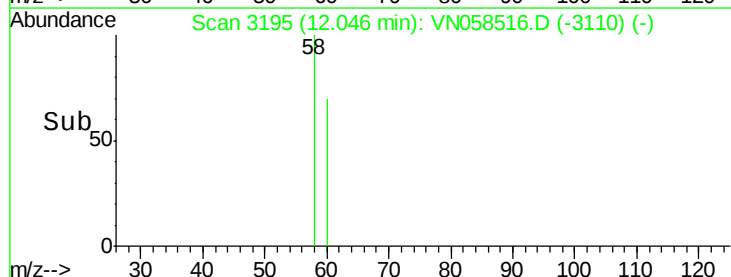


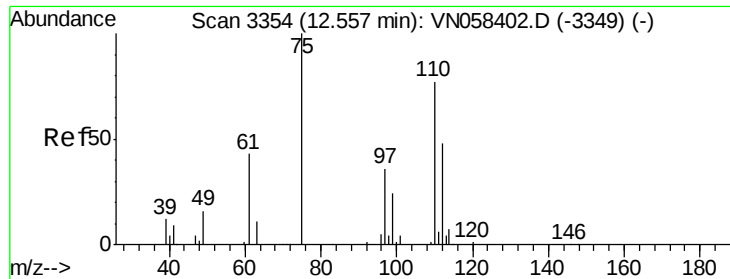
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

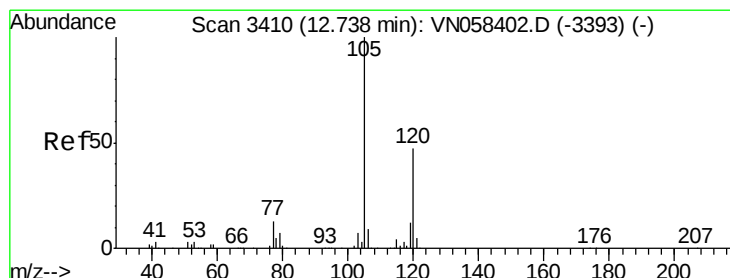
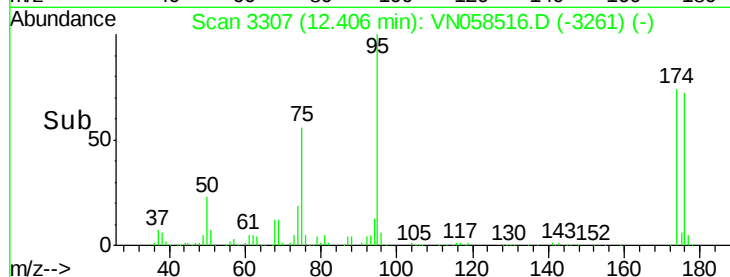
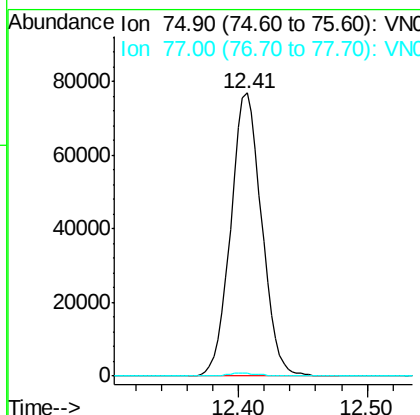
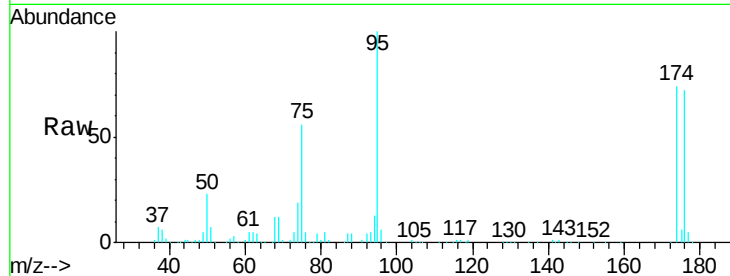




#76
 1,2,3-Trichloropropane
 Concen: 36.871 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. -0.15 min
 Lab File: VN058516.D
 Acq: 3 Oct 2019 17:34

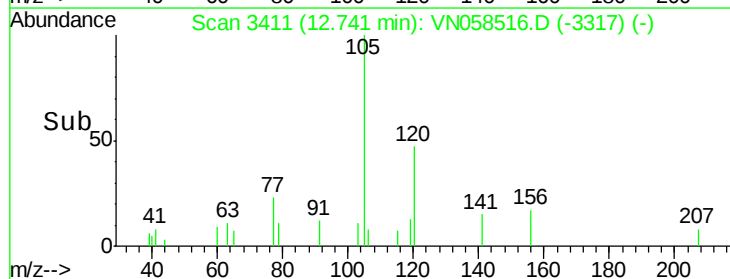
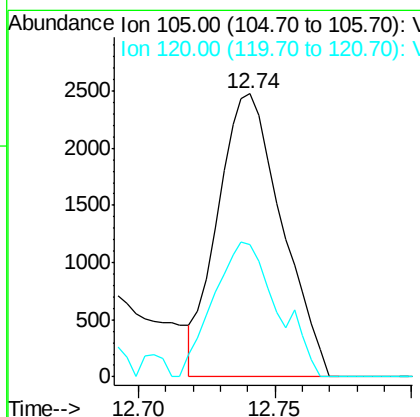
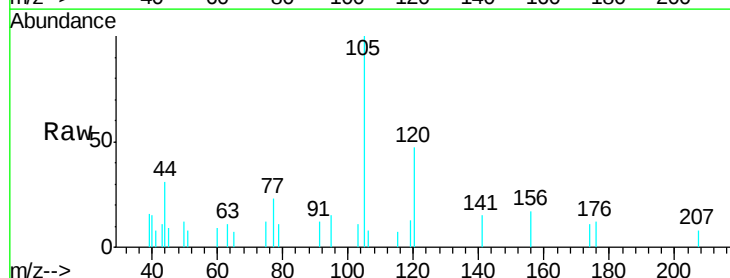
Instrument :
 MSVOA_N
 ClientSampled :
 CSA-3-2

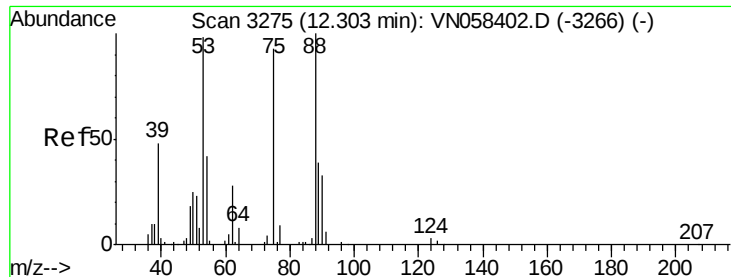
Tgt Ion: 75 Resp: 128516
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.343 ug/l
 RT: 12.74 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN058516.D
 Acq: 3 Oct 2019 17:34

Tgt Ion: 105 Resp: 4049
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 111.981 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058516.D

Acq: 3 Oct 2019 17:34

Instrument :

MSVOA_N

ClientSampled :

CSA-3-2

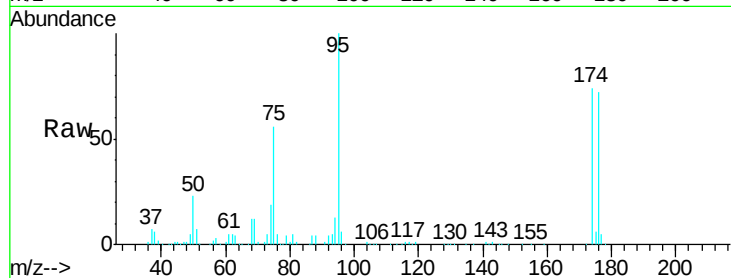
Tgt Ion: 75 Resp: 128516

Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.0#

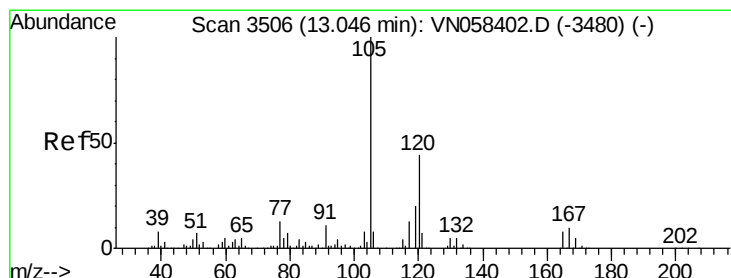
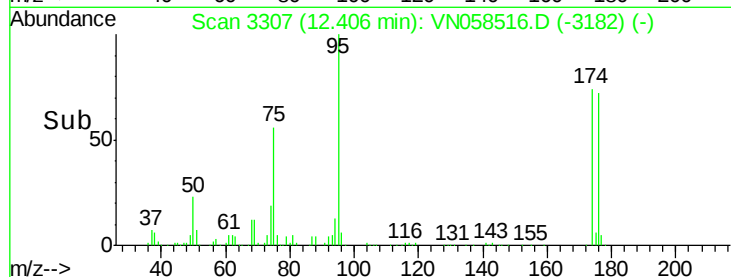
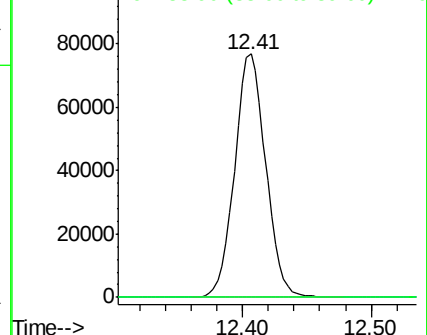
89 0.0 35.0 52.4#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.326 ug/l

RT: 13.05 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN058516.D

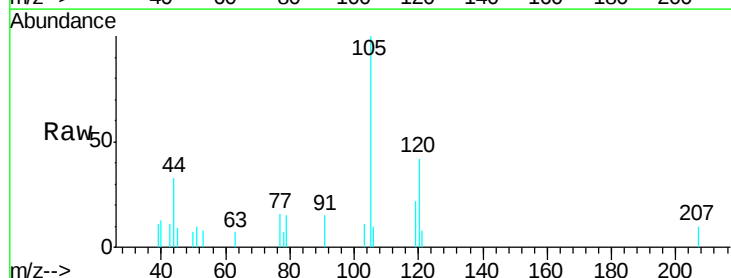
Acq: 3 Oct 2019 17:34

Tgt Ion: 105 Resp: 3854

Ion Ratio Lower Upper

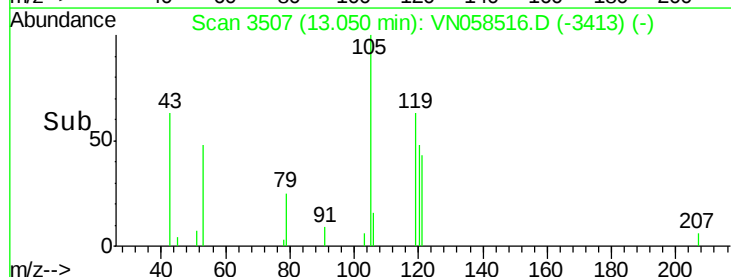
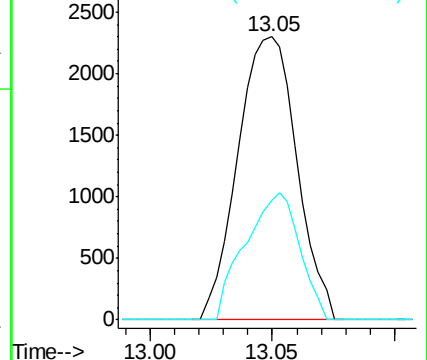
105 100

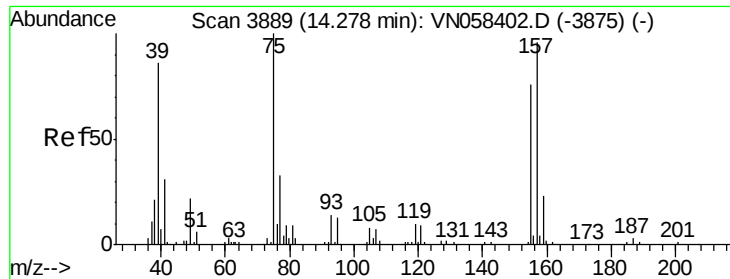
120 41.5 21.7 65.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.464 ug/l

RT: 14.11 min Scan# 3889

Delta R.T. -0.16 min

Lab File: VN058516.D

Acq: 3 Oct 2019 17:34

Instrument :

MSVOA_N

ClientSampleId :

CSA-3-2

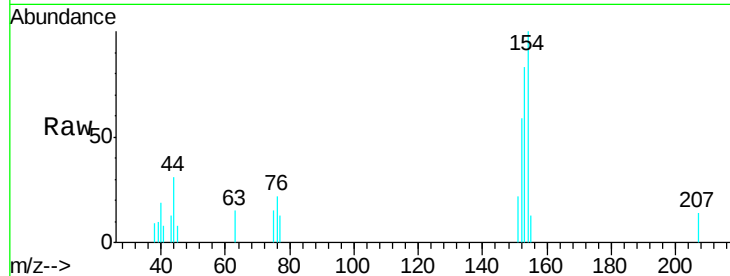
Tgt Ion: 75 Resp: 341

Ion Ratio Lower Upper

75 100

155 36.7 39.2 117.6#

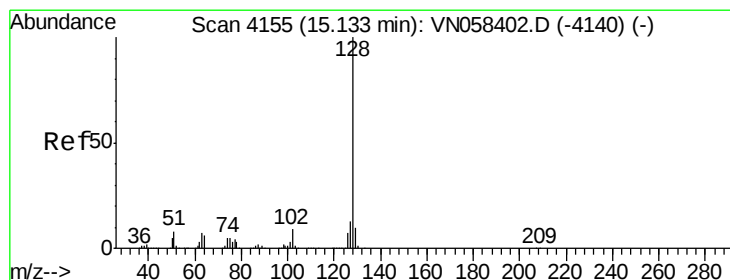
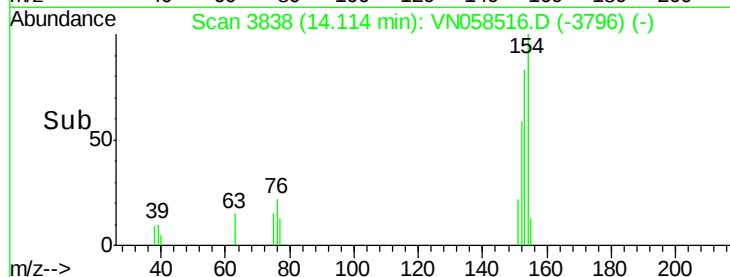
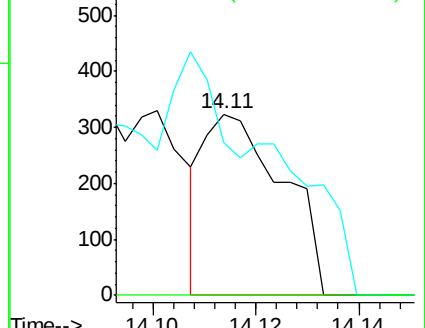
157 0.0 48.7 146.1#



Abundance Ion 74.90 (74.60 to 75.60): VN058402.D (-3875) (-)

Ion 154.80 (154.50 to 155.50): VN058402.D (-3875) (-)

Ion 156.80 (156.50 to 157.50): VN058402.D (-3875) (-)



#95

Naphthalene

Concen: 3.942 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058516.D

Acq: 3 Oct 2019 17:34

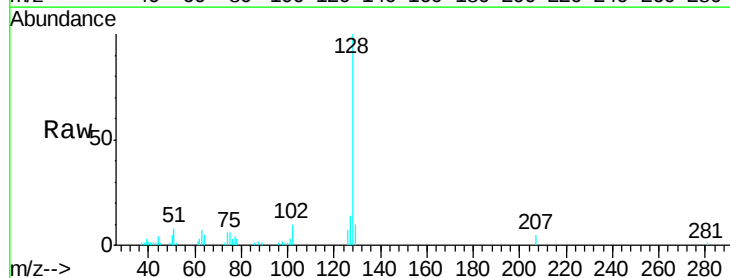
Tgt Ion: 128 Resp: 37001

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.6 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): VN058402.D (-4140) (-)

Ion 127.00 (126.70 to 127.70): VN058402.D (-4140) (-)

Ion 129.00 (128.70 to 129.70): VN058402.D (-4140) (-)

