

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121619\
 Data File : VN059614.D
 Acq On : 16 Dec 2019 19:35
 Operator : JC/SP
 Sample : K6117-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-121319

Quant Time: Dec 17 04:55:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	242243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	397305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	368078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	154695	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	177092	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
35) Dibromofluoromethane	7.57	113	125451	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	10.08	98	500698	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.40	95	170711	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	

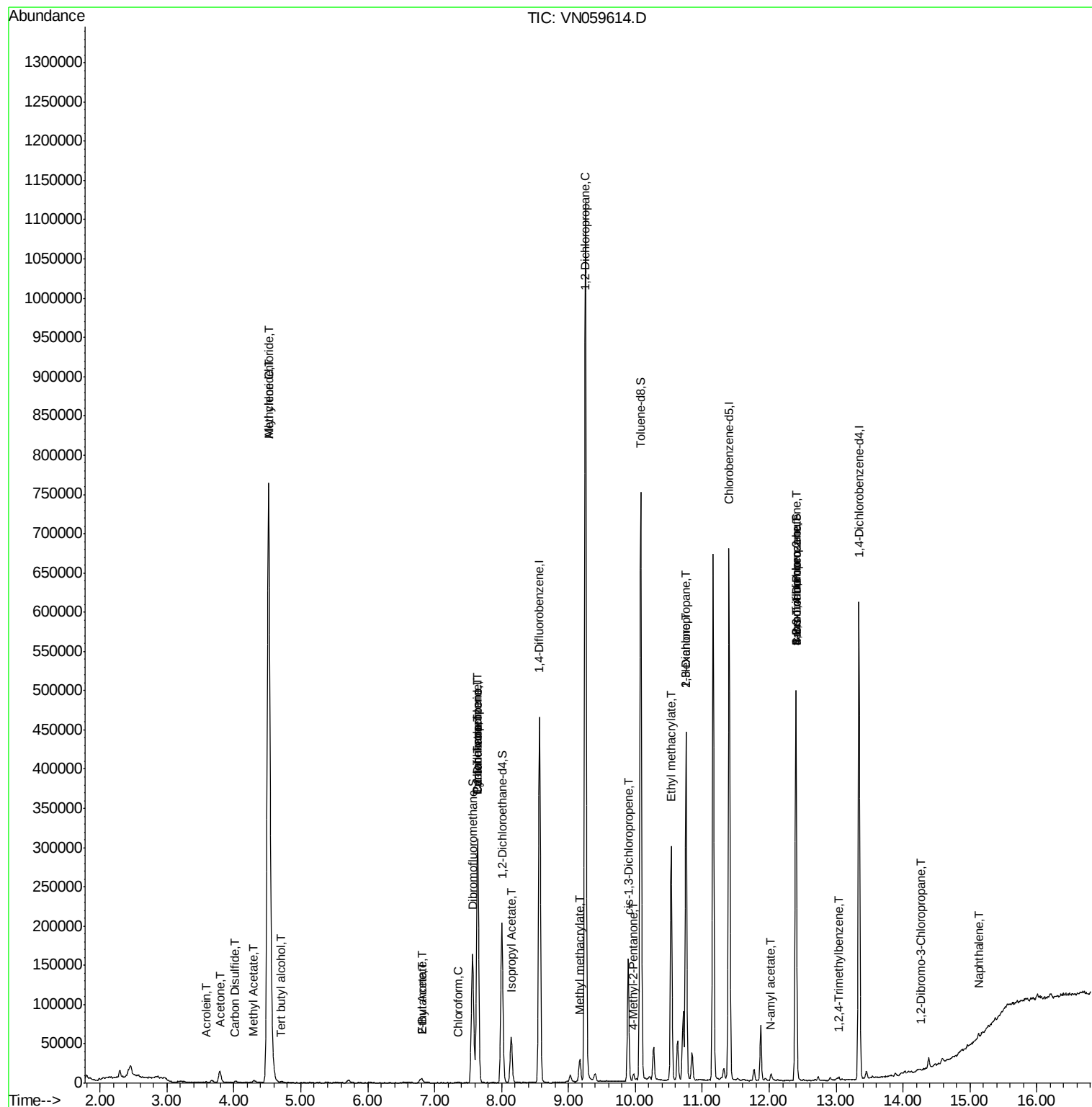
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.71	59	1186	1.835	ug/l #	72
13) Acrolein	3.58	56	818	1.777	ug/l	97
14) Allyl chloride	4.52	41	21550	4.132	ug/l #	23
16) Acetone	3.79	43	25611	12.238	ug/l	97
17) Carbon Disulfide	4.02	76	1884	2.083	ug/l #	75
18) Methyl Acetate	4.30	43	5438	1.240	ug/l	92
20) Methylene Chloride	4.52	84	586993	194.206	ug/l	99
25) 2-Butanone	6.82	43	4482	1.791	ug/l	94
30) Chloroform	7.35	83	1096	0.204	ug/l	95
31) Cyclohexane	7.64	56	6055	1.176	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	20259	4.890	ug/l #	49
37) Ethyl Acetate	6.82	43	4482	0.931	ug/l #	79
38) Carbon Tetrachloride	7.64	117	24895	5.790	ug/l #	16
43) Isopropyl Acetate	8.14	43	67878	9.066	ug/l #	92
45) 1,2-Dichloropropane	9.25	63	1214	0.371	ug/l #	44
48) Methyl methacrylate	9.16	41	5744	1.691	ug/l #	13
51) 4-Methyl-2-Pentanone	9.97	43	6008	1.346	ug/l	99
54) cis-1,3-Dichloropropene	9.89	75	25452	4.902	ug/l #	66
56) Ethyl methacrylate	10.54	69	992	0.229	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	4161	0.819	ug/l #	42
59) 2-Hexanone	10.76	43	65573	18.638	ug/l #	53
71) Bromoform	12.40	173	582	0.256	ug/l #	1
74) N-ethyl acetate	12.03	43	7574	1.360	ug/l #	46
76) 1,2,3-Trichloropropane	12.40	75	92968	24.276	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	92968	59.960	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	2420	0.237	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	14.26	75	234	1.834	ug/l #	6
95) Naphthalene	15.13	128	3554	0.340	ug/l #	88

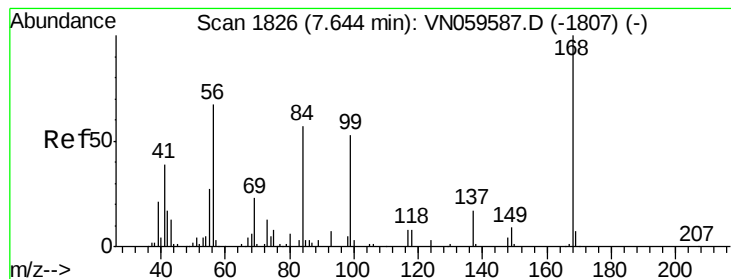
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121619\
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Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059614.D

Acq: 16 Dec 2019 19:35

Instrument :

MSVOA_N

ClientSampleId :

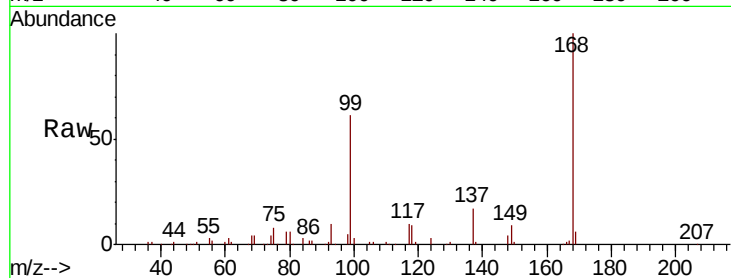
TR-05-121319

Tgt Ion: 168 Resp: 242243

Ion Ratio Lower Upper

168 100

99 60.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

100000

80000

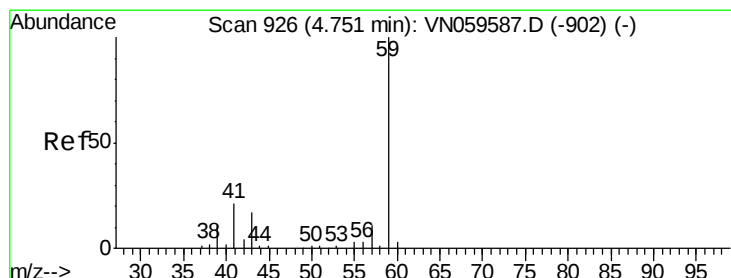
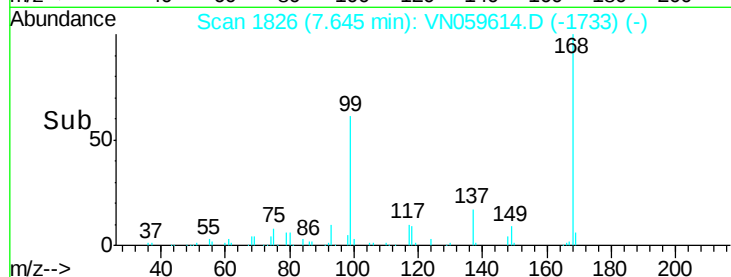
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.835 ug/l

RT: 4.71 min Scan# 913

Delta R.T. -0.04 min

Lab File: VN059614.D

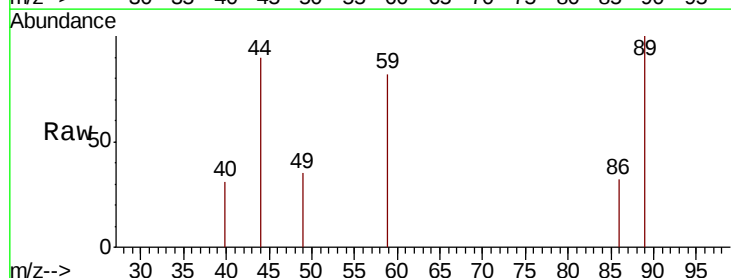
Acq: 16 Dec 2019 19:35

Tgt Ion: 59 Resp: 1186

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.71

500

400

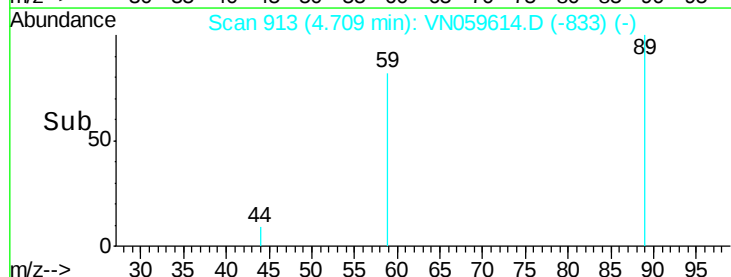
300

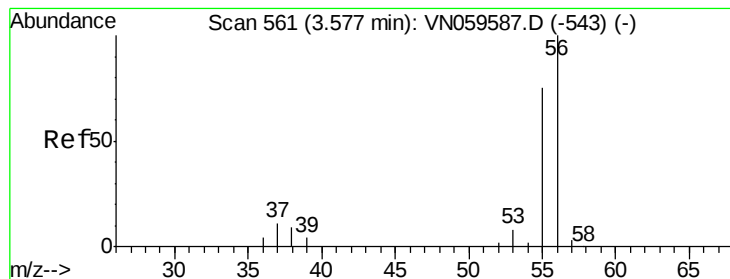
200

100

0

Time-->





#13

Acrolein

Concen: 1.777 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.01 min

Lab File: VN059614.D

Acq: 16 Dec 2019 19:35

Instrument :

MSVOA_N

ClientSampleId :

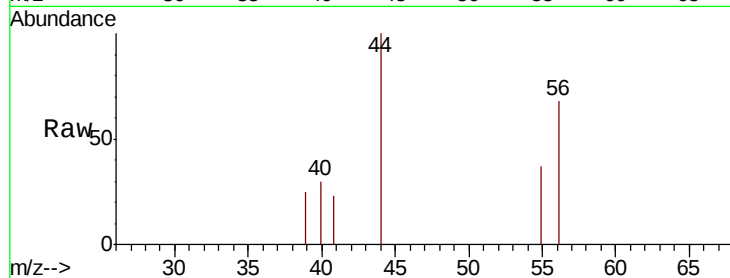
TR-05-121319

Tgt Ion: 56 Resp: 818

Ion Ratio Lower Upper

56 100

55 70.4 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.58

400

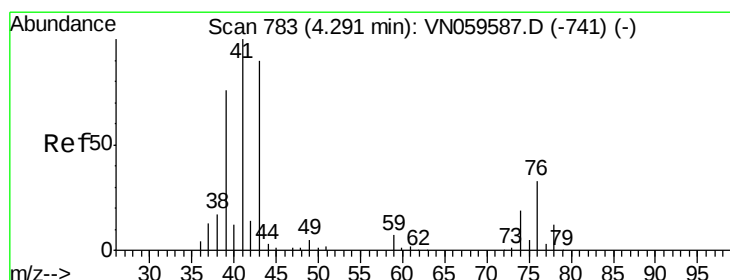
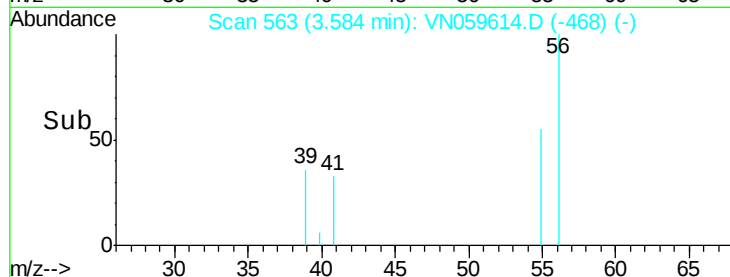
300

200

100

0

Time-->



#14

Allyl chloride

Concen: 4.132 ug/l

RT: 4.52 min Scan# 854

Delta R.T. 0.23 min

Lab File: VN059614.D

Acq: 16 Dec 2019 19:35

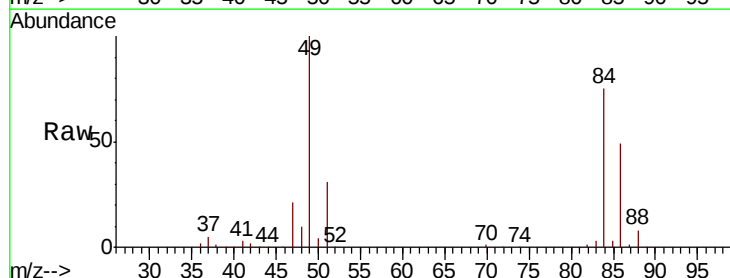
Tgt Ion: 41 Resp: 21550

Ion Ratio Lower Upper

41 100

39 1.1 57.8 86.8#

76 0.0 25.4 38.0#



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

8000

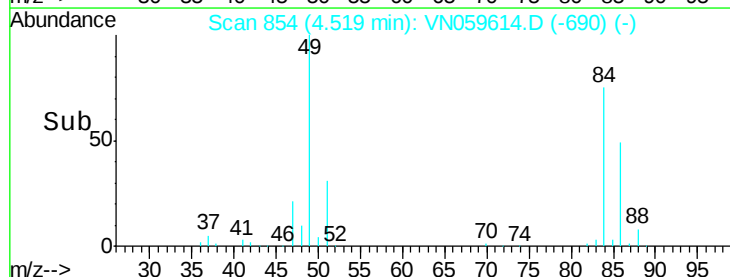
6000

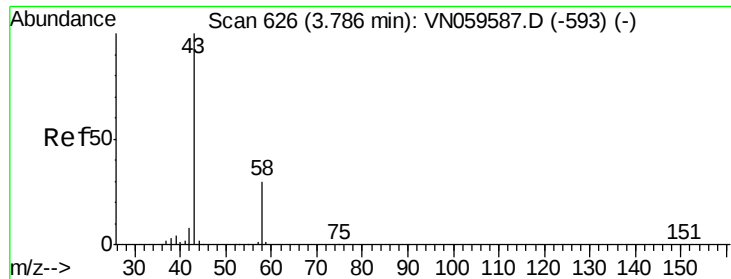
4000

2000

0

Time-->





#16

Acetone

Concen: 12.238 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN059614.D

Acq: 16 Dec 2019 19:35

Instrument :

MSVOA_N

ClientSampled :

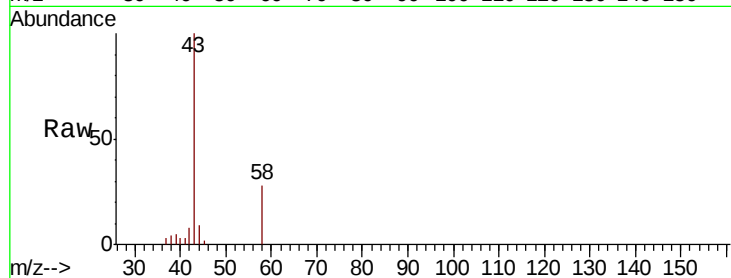
TR-05-121319

Tgt Ion: 43 Resp: 25611

Ion Ratio Lower Upper

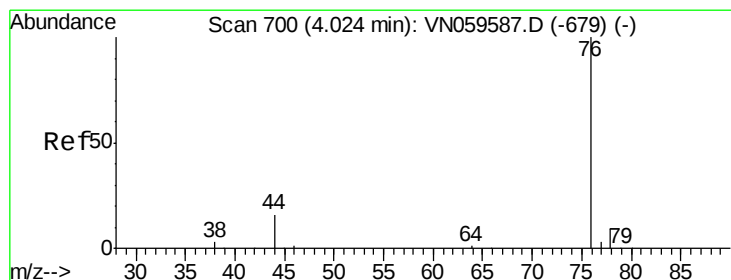
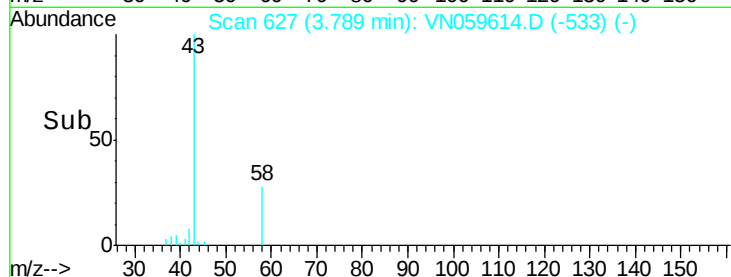
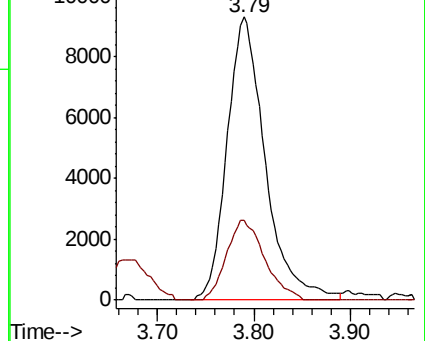
43 100

58 28.0 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN059587.D (-593) (-)



#17

Carbon Disulfide

Concen: 2.083 ug/l

RT: 4.02 min Scan# 698

Delta R.T. -0.01 min

Lab File: VN059614.D

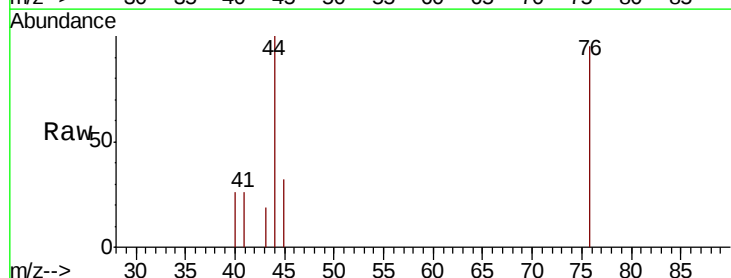
Acq: 16 Dec 2019 19:35

Tgt Ion: 76 Resp: 1884

Ion Ratio Lower Upper

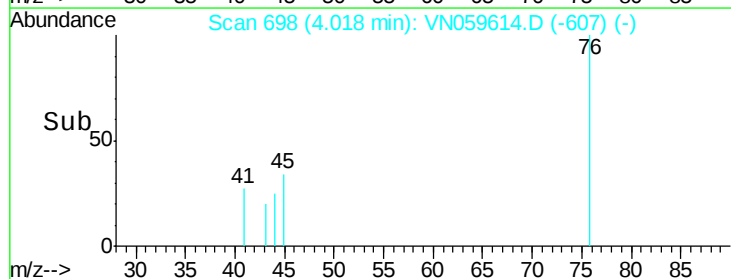
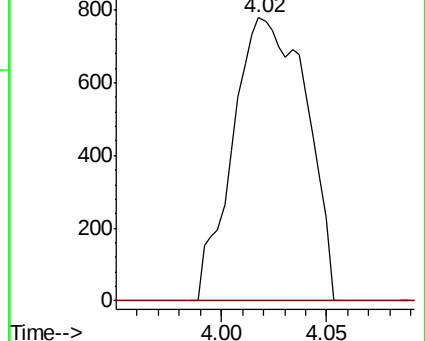
76 100

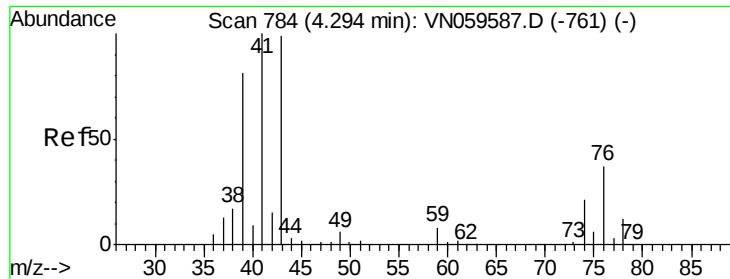
78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN059587.D (-679) (-)

Ion 77.90 (77.60 to 78.60): VN059587.D (-679) (-)





#18

Methyl Acetate

Concen: 1.240 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059614.D

Acq: 16 Dec 2019 19:35

Instrument :

MSVOA_N

ClientSampleId :

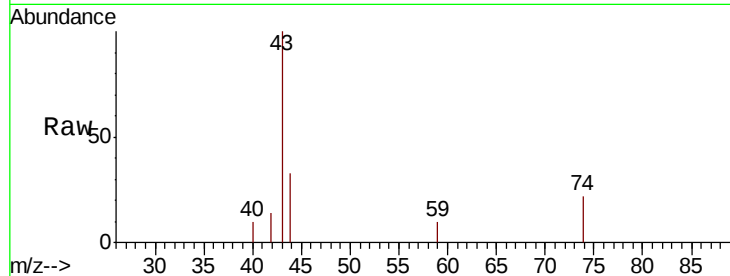
TR-05-121319

Tgt Ion: 43 Resp: 5438

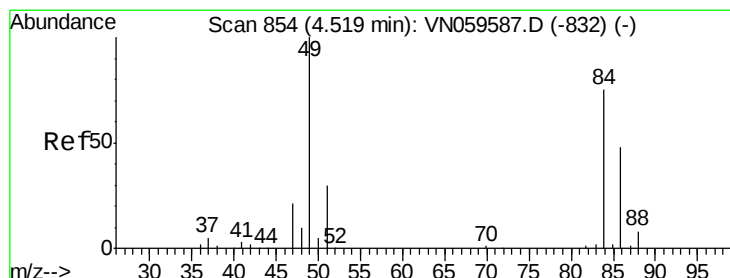
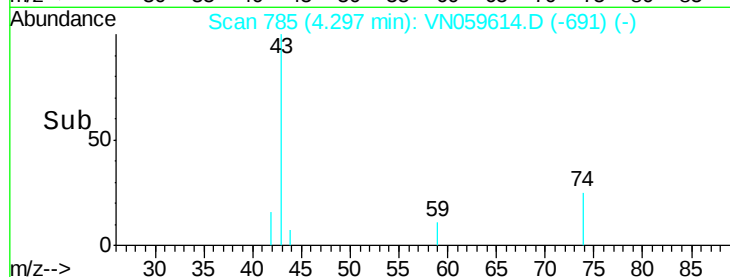
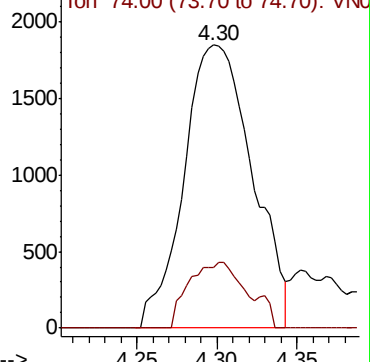
Ion Ratio Lower Upper

43 100

74 18.0 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN059614.D (-691) (-)



#20

Methylene Chloride

Concen: 194.206 ug/l

RT: 4.52 min Scan# 854

Delta R.T. 0.00 min

Lab File: VN059614.D

Acq: 16 Dec 2019 19:35

Tgt Ion: 84 Resp: 586993

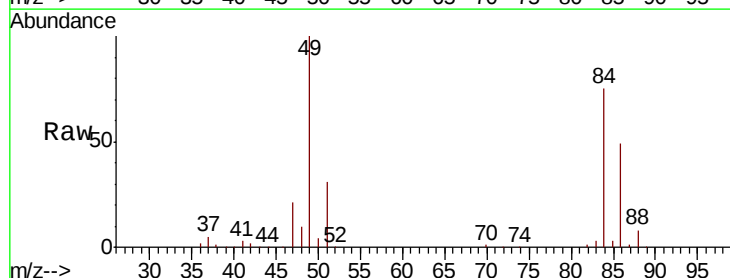
Ion Ratio Lower Upper

84 100

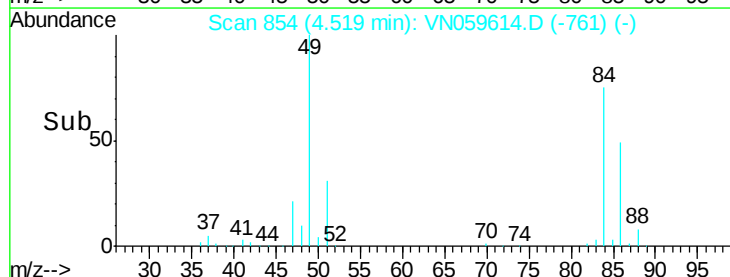
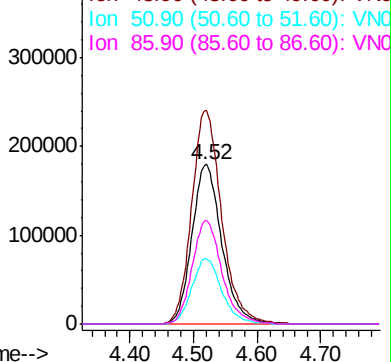
49 134.0 106.6 160.0

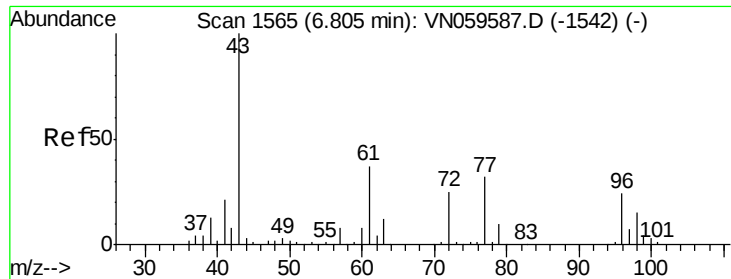
51 41.1 31.9 47.9

86 65.2 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VN059614.D (-761) (-)

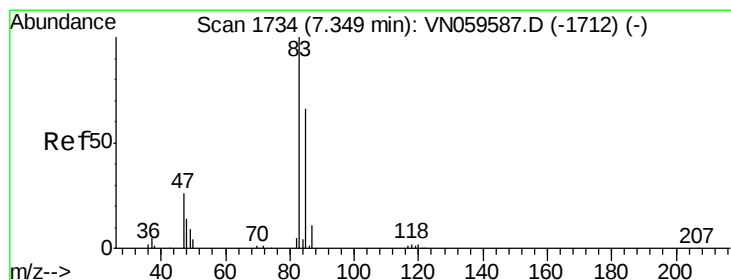
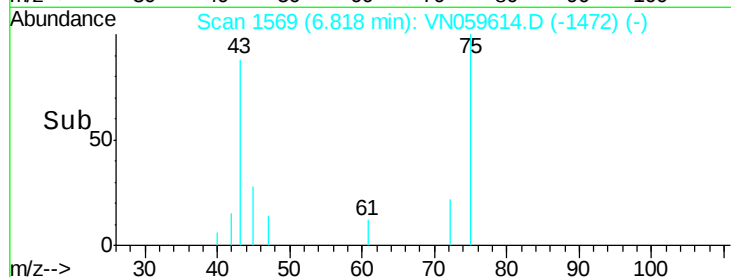
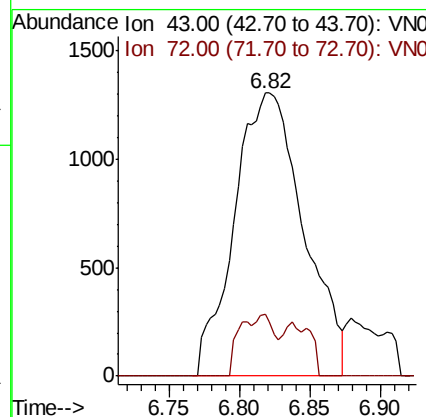
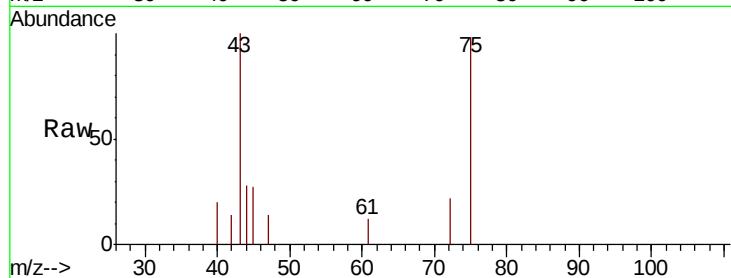




#25
2-Butanone
Concen: 1.791 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VN059614.D
Acq: 16 Dec 2019 19:35

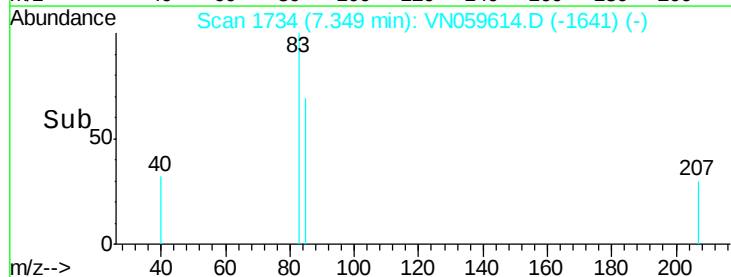
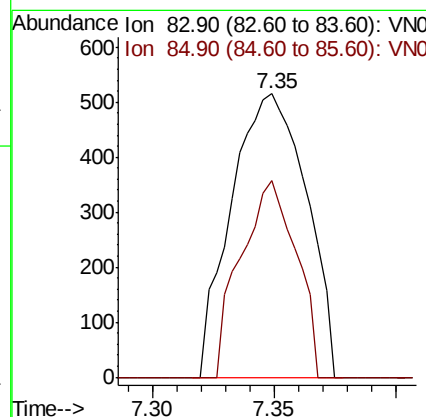
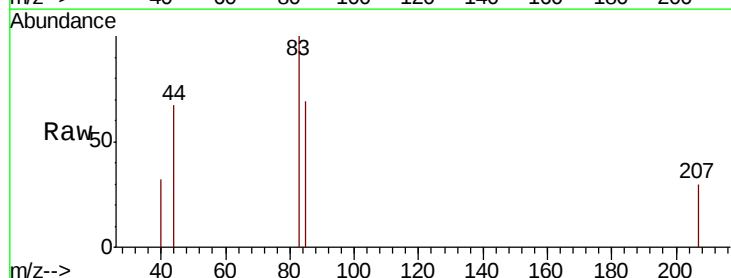
Instrument :
MSVOA_N
ClientSampleId :
TR-05-121319

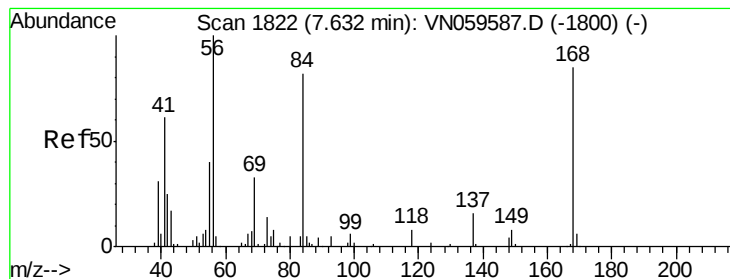
Tgt Ion: 43 Resp: 4482
Ion Ratio Lower Upper
43 100
72 21.9 19.9 29.9



#30
Chloroform
Concen: 0.204 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN059614.D
Acq: 16 Dec 2019 19:35

Tgt Ion: 83 Resp: 1096
Ion Ratio Lower Upper
83 100
85 69.3 52.4 78.6





#31

Cyclohexane

Concen: 1.176 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN059614.D

Acq: 16 Dec 2019 19:35

Instrument :

MSVOA_N

ClientSampleId :

TR-05-121319

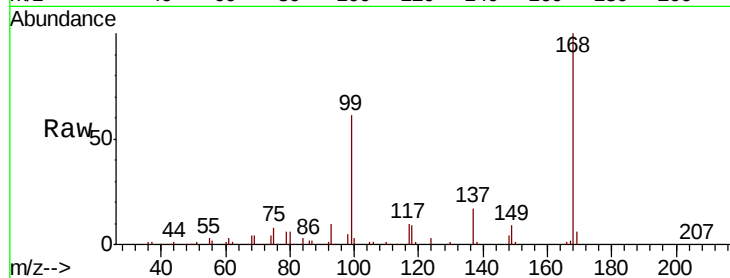
Tgt Ion: 56 Resp: 6055

Ion Ratio Lower Upper

56 100

69 179.9 26.5 39.7#

84 114.0 65.3 97.9#

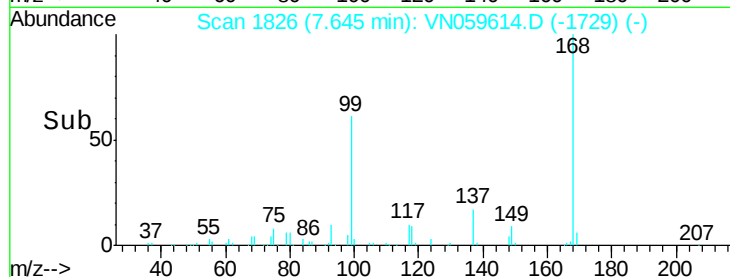


Abundance Ion 56.00 (55.70 to 56.70): VN059614.D (-1729) (-)

Ion 69.00 (68.70 to 69.70): VN059614.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN059614.D (-1729) (-)

Time-->

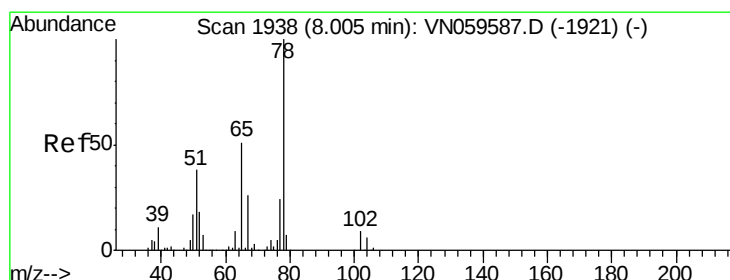


Abundance Ion 56.00 (55.70 to 56.70): VN059614.D (-1729) (-)

Ion 69.00 (68.70 to 69.70): VN059614.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN059614.D (-1729) (-)

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.239 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059614.D

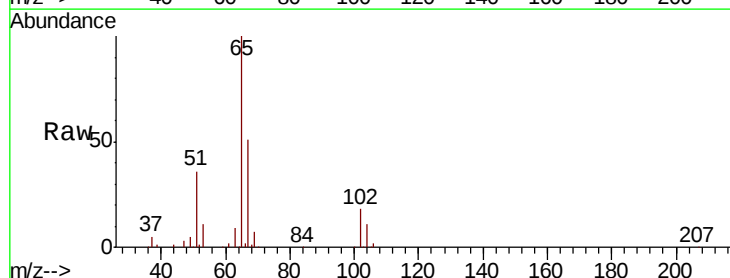
Acq: 16 Dec 2019 19:35

Tgt Ion: 65 Resp: 177092

Ion Ratio Lower Upper

65 100

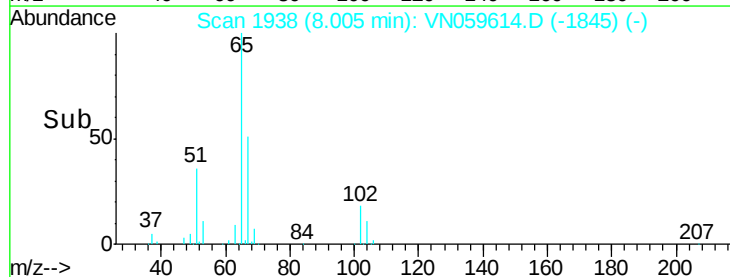
67 51.5 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN059614.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059614.D (-1845) (-)

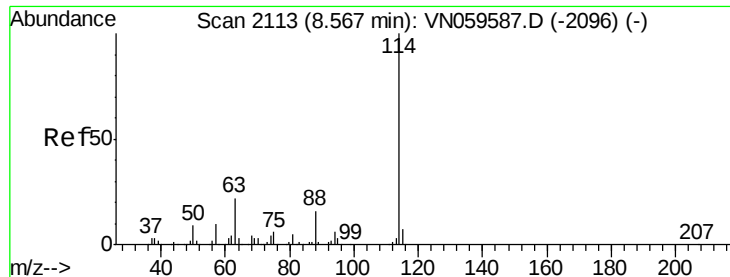
Time-->



Abundance Ion 64.90 (64.60 to 65.60): VN059614.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059614.D (-1845) (-)

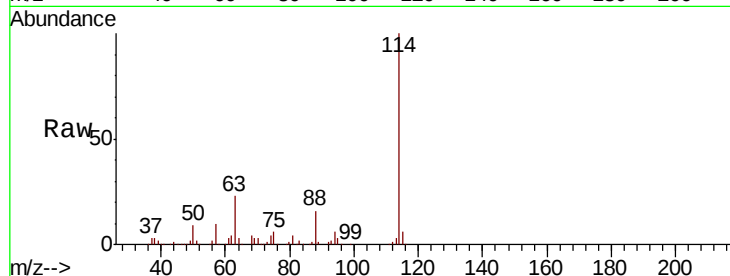
Time-->



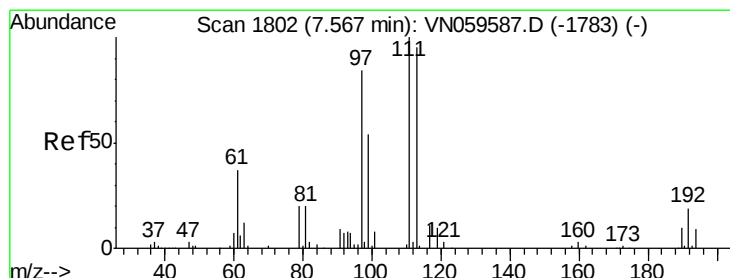
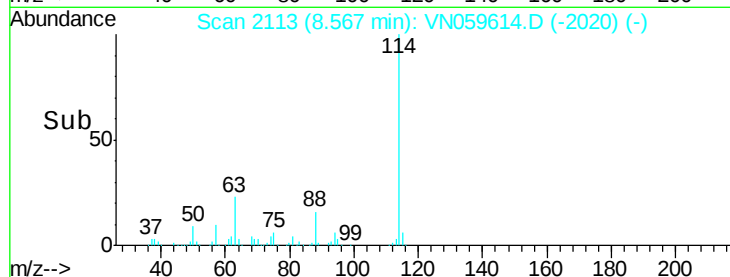
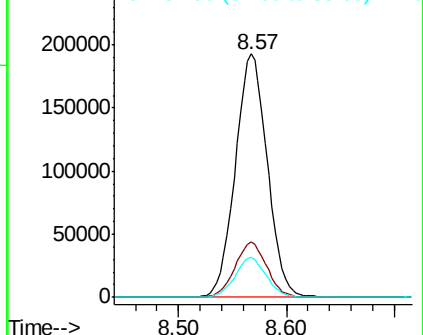
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059614.D
 Acq: 16 Dec 2019 19:35

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-121319

Tgt Ion:	114	Resp:	397305
Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	43.6
88	16.3	0.0	31.4

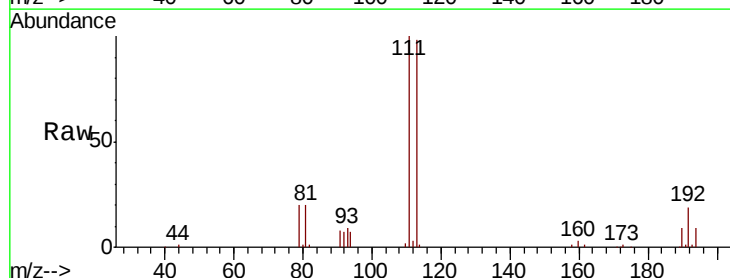


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

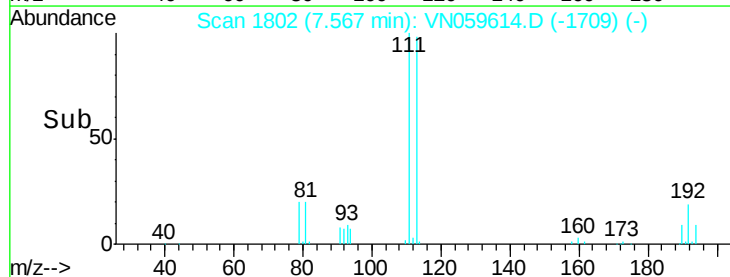
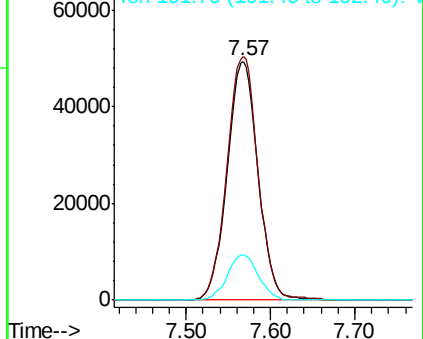


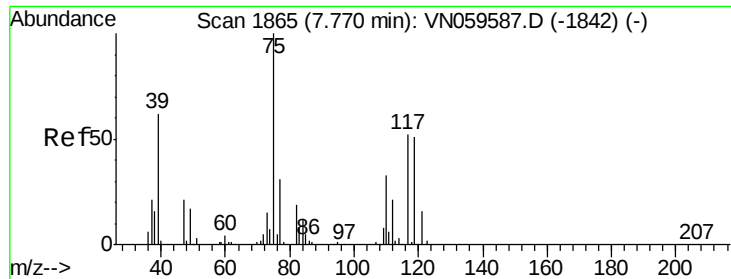
#35
 Dibromofluoromethane
 Concen: 50.465 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059614.D
 Acq: 16 Dec 2019 19:35

Tgt Ion:	113	Resp:	125451
Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.5	125.3
192	19.0	15.4	23.2



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

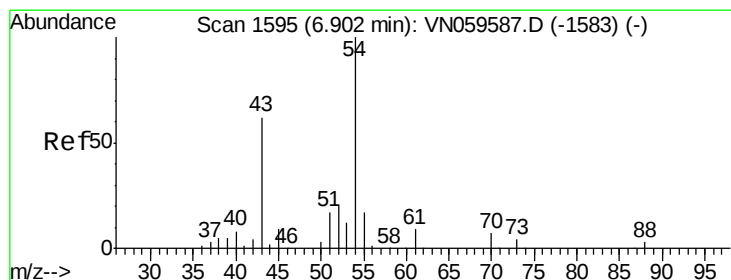
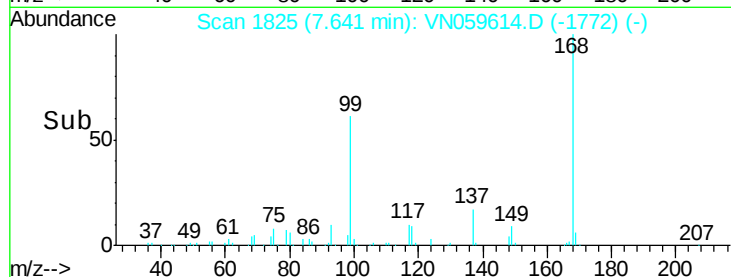
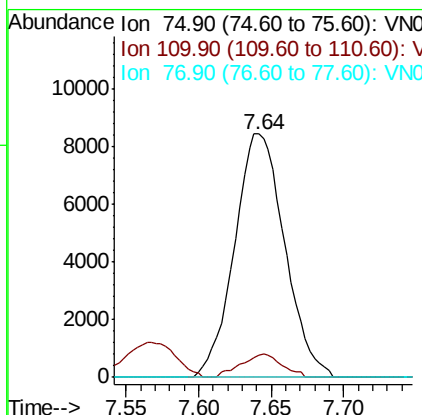
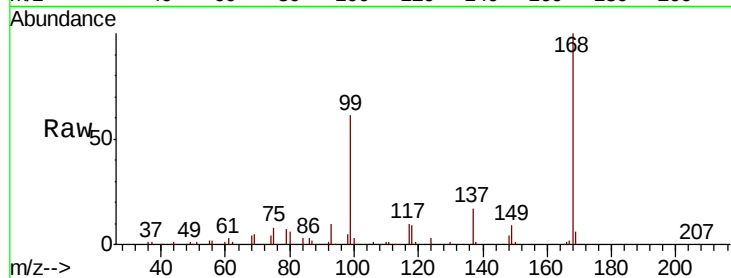




#36
 1,1-Dichloropropene
 Concen: 4.890 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN059614.D
 Acq: 16 Dec 2019 19:35

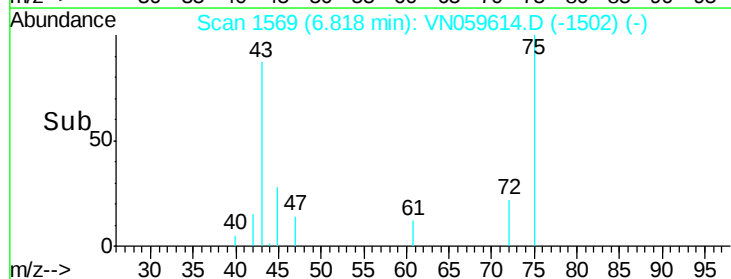
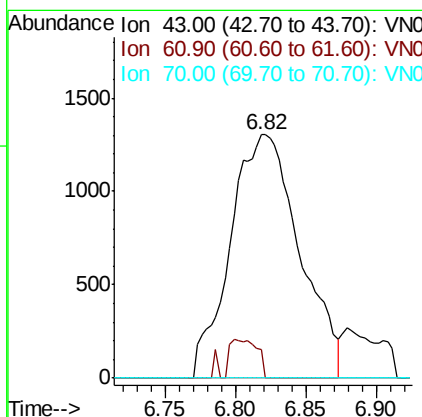
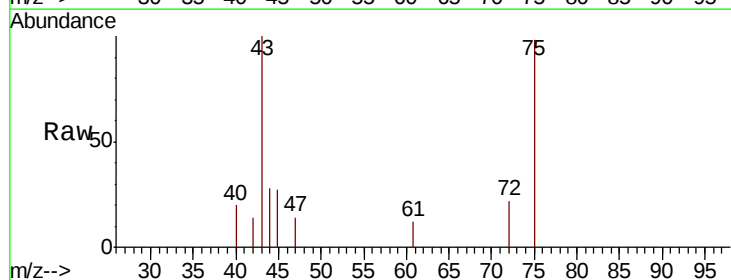
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-121319

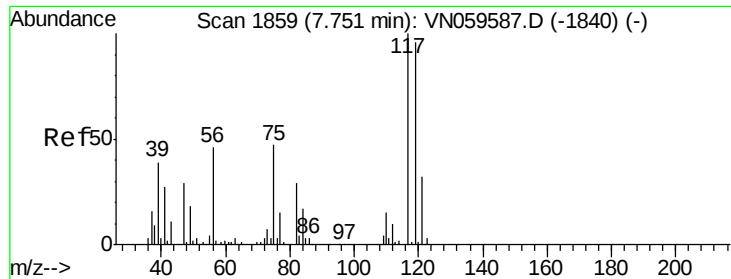
Tgt Ion: 75 Resp: 20259
 Ion Ratio Lower Upper
 75 100
 110 7.7 16.6 49.7#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 0.931 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. -0.08 min
 Lab File: VN059614.D
 Acq: 16 Dec 2019 19:35

Tgt Ion: 43 Resp: 4482
 Ion Ratio Lower Upper
 43 100
 61 6.3 10.9 16.3#
 70 0.0 7.7 11.5#





#38

Carbon Tetrachloride

Concen: 5.790 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN059614.D

Acq: 16 Dec 2019 19:35

Instrument :

MSVOA_N

ClientSampled :

TR-05-121319

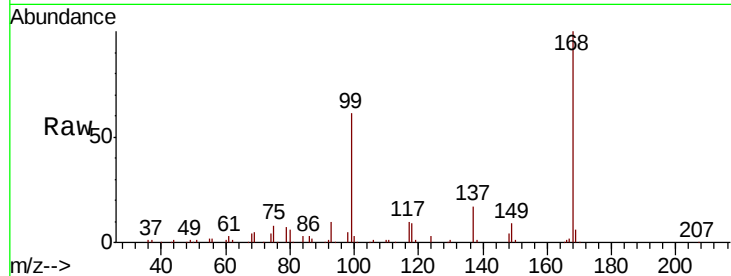
Tgt Ion:117 Resp: 24895

Ion Ratio Lower Upper

117 100

119 5.6 76.5 114.7#

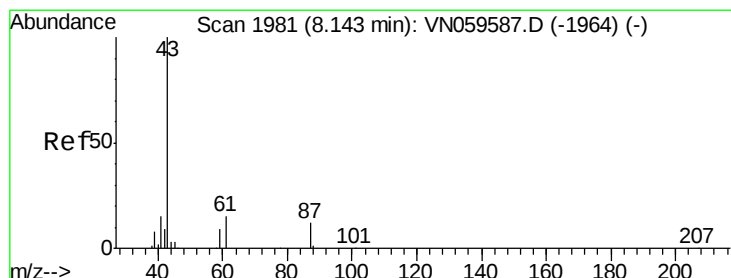
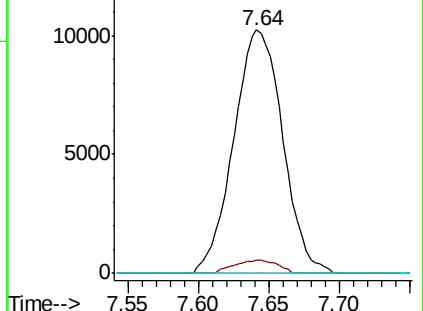
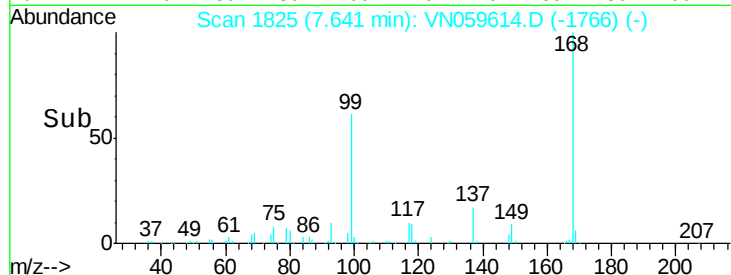
121 0.0 25.1 37.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 9.066 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059614.D

Acq: 16 Dec 2019 19:35

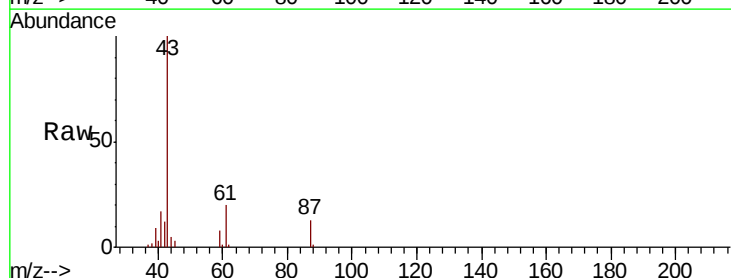
Tgt Ion: 43 Resp: 67878

Ion Ratio Lower Upper

43 100

61 19.2 20.2 30.2#

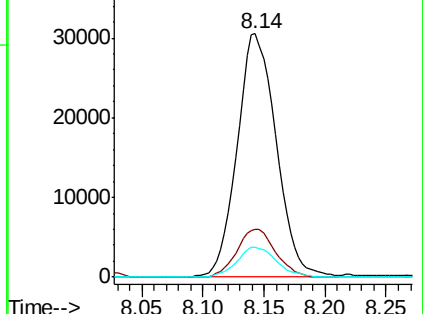
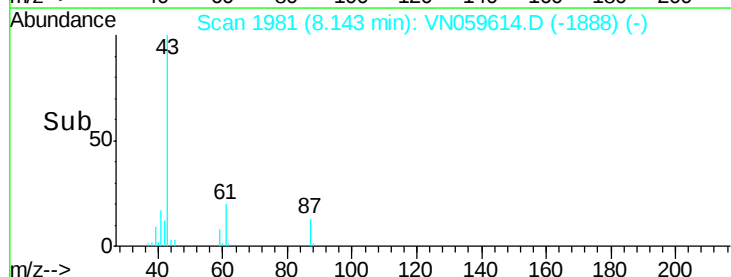
87 12.3 9.5 14.3

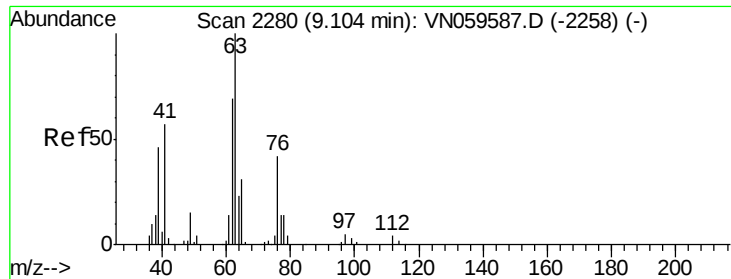


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

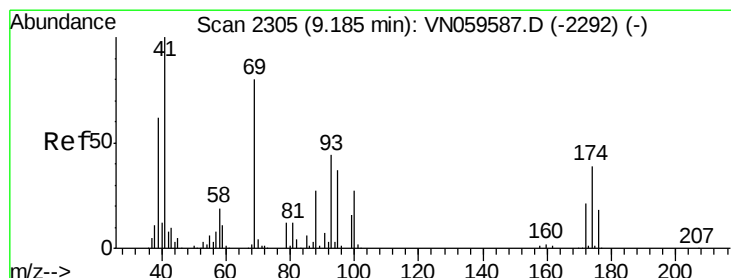
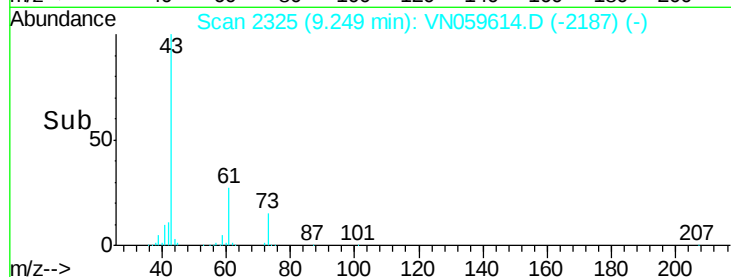
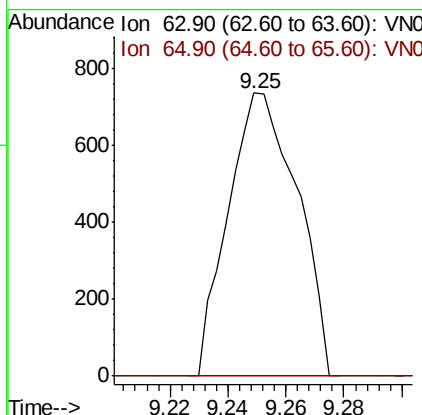
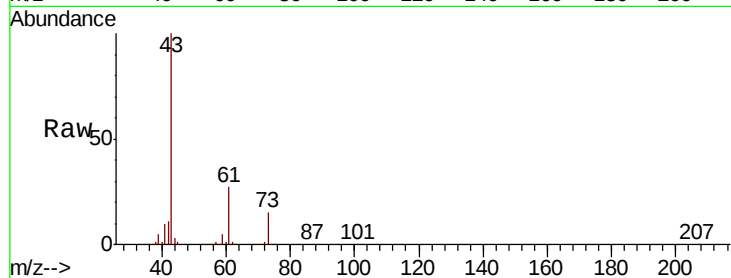




#45
 1,2-Dichloropropane
 Concen: 0.371 ug/l
 RT: 9.25 min Scan# 2325
 Delta R.T. 0.14 min
 Lab File: VN059614.D
 Acq: 16 Dec 2019 19:35

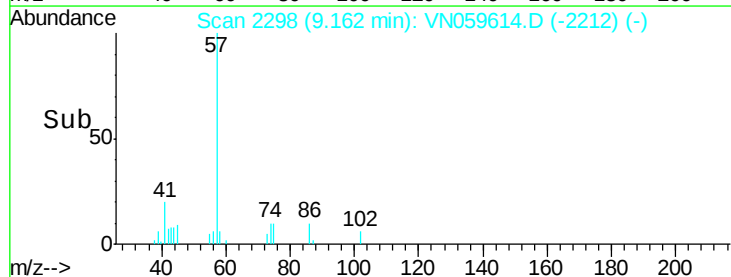
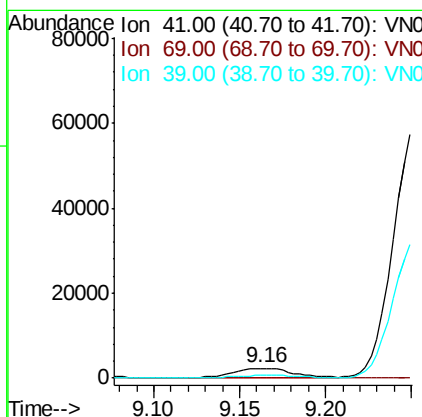
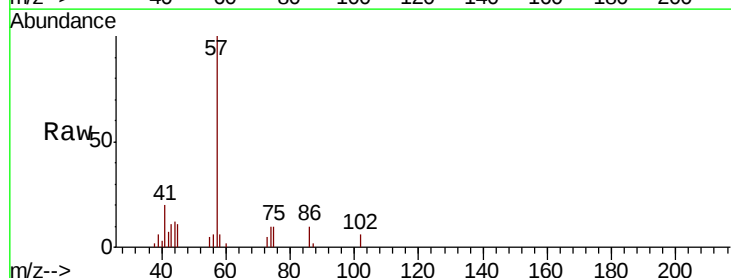
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-121319

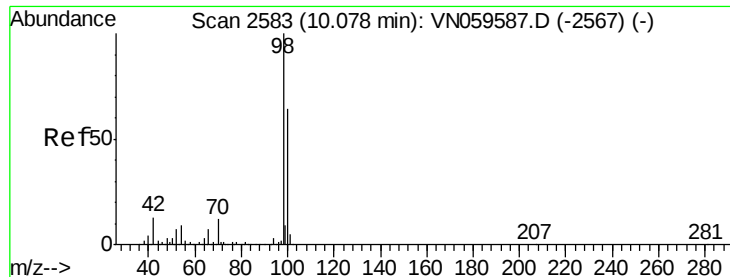
Tgt Ion: 63 Resp: 1214
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.9 37.3#



#48
 Methyl methacrylate
 Concen: 1.691 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.02 min
 Lab File: VN059614.D
 Acq: 16 Dec 2019 19:35

Tgt Ion: 41 Resp: 5744
 Ion Ratio Lower Upper
 41 100
 69 0.0 64.4 96.6#
 39 0.0 51.3 76.9#





#50

Toluene-d8

Concen: 50.874 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059614.D

Acq: 16 Dec 2019 19:35

Instrument :

MSVOA_N

ClientSampled :

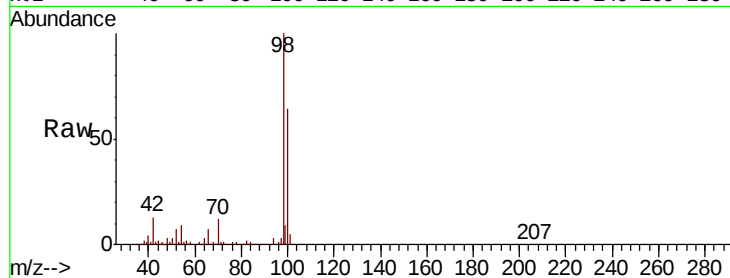
TR-05-121319

Tgt Ion: 98 Resp: 500698

Ion Ratio Lower Upper

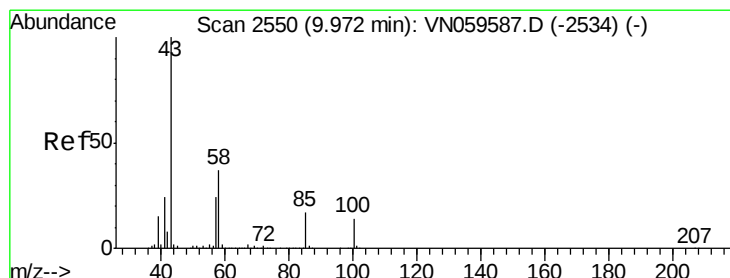
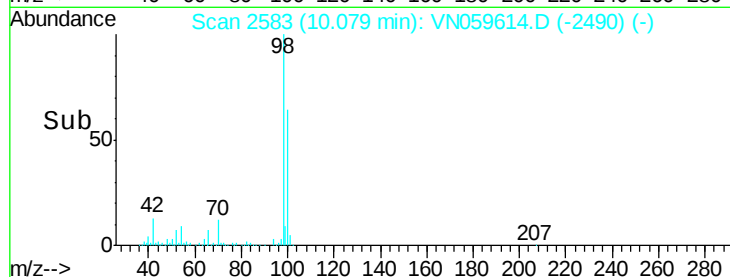
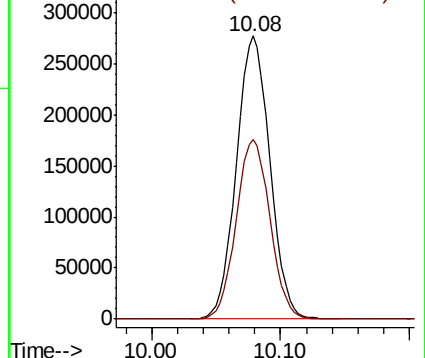
98 100

100 64.0 51.2 76.8



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: 1.346 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN059614.D

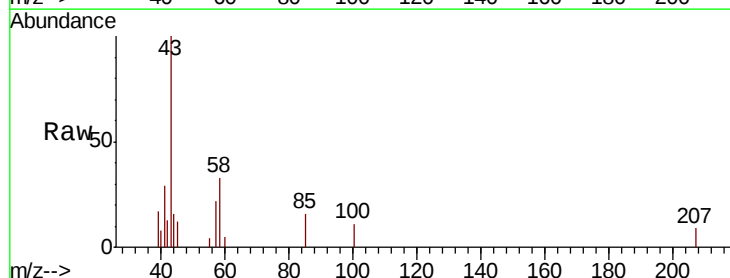
Acq: 16 Dec 2019 19:35

Tgt Ion: 43 Resp: 6008

Ion Ratio Lower Upper

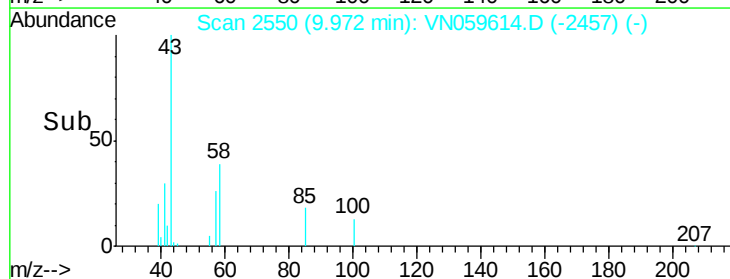
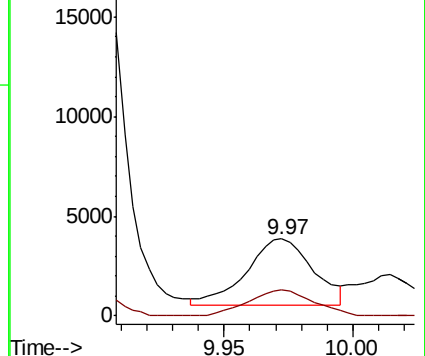
43 100

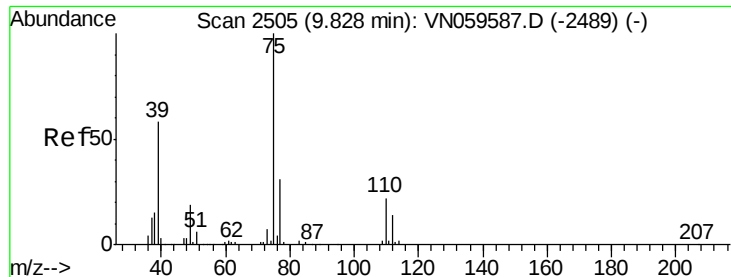
58 38.1 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#54

cis-1,3-Dichloropropene

Concen: 4.902 ug/l

RT: 9.89 min Scan# 2525

Delta R.T. 0.06 min

Lab File: VN059614.D

Acq: 16 Dec 2019 19:35

Instrument :

MSVOA_N

ClientSampleId :

TR-05-121319

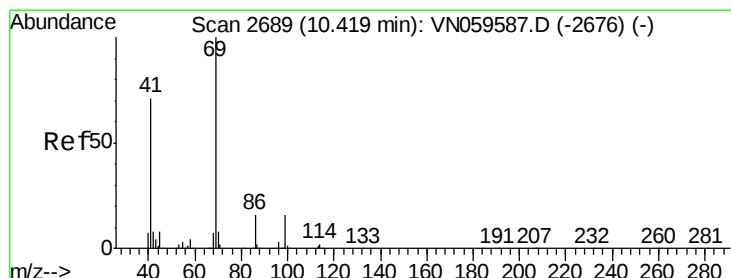
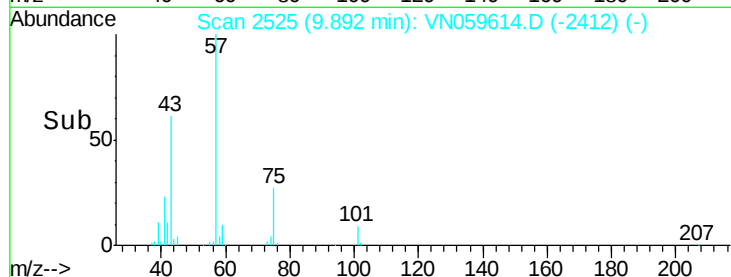
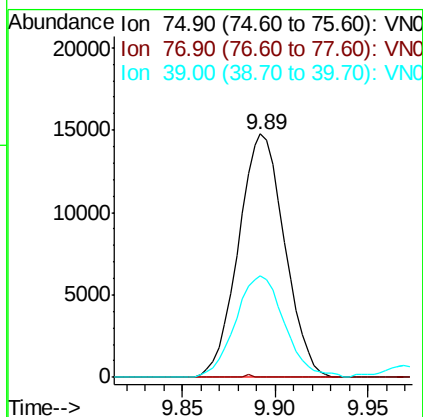
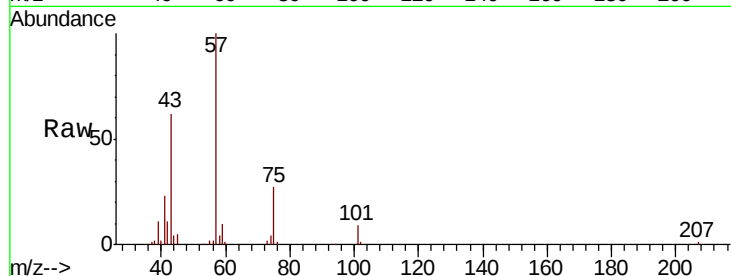
Tgt Ion: 75 Resp: 25452

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#

39 41.5 46.1 69.1#



#56

Ethyl methacrylate

Concen: 0.229 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.12 min

Lab File: VN059614.D

Acq: 16 Dec 2019 19:35

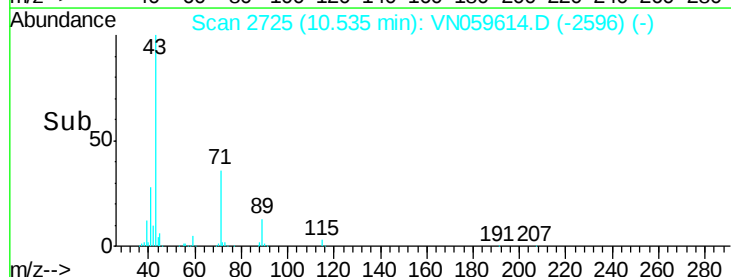
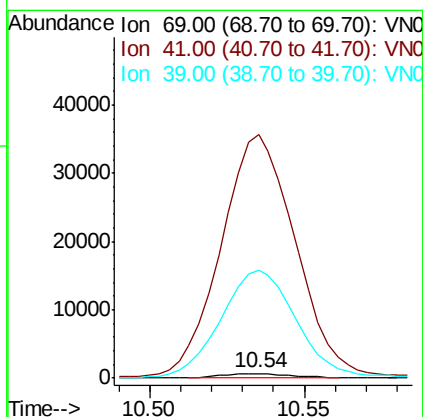
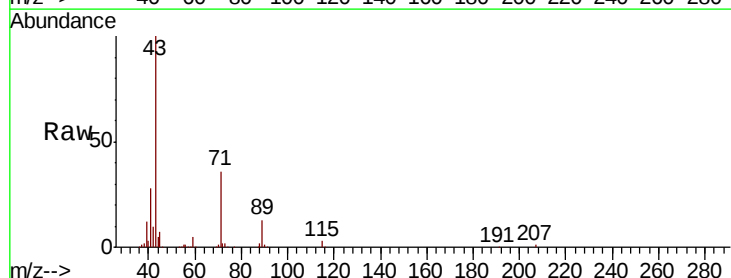
Tgt Ion: 69 Resp: 992

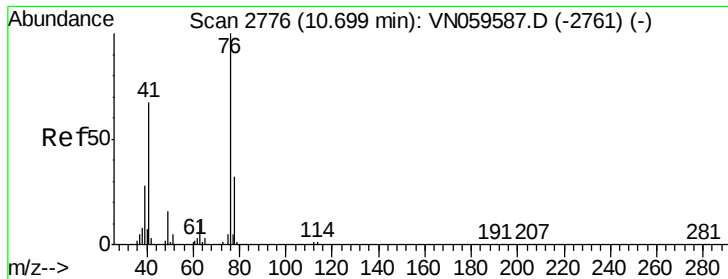
Ion Ratio Lower Upper

69 100

41 6101.8 57.1 85.7#

39 2733.5 34.7 52.1#

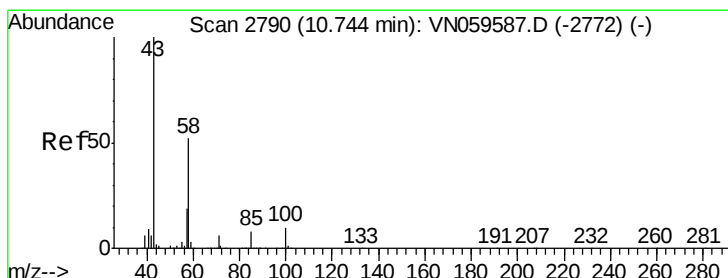
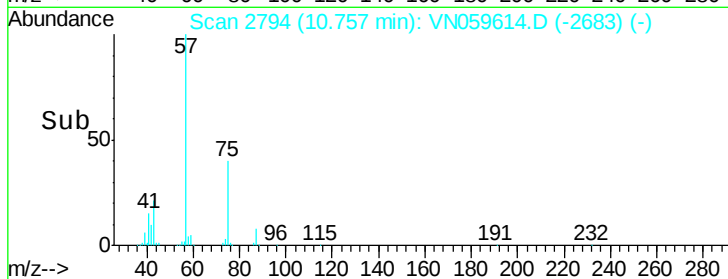
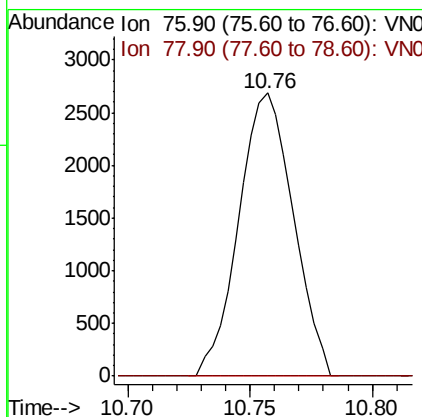
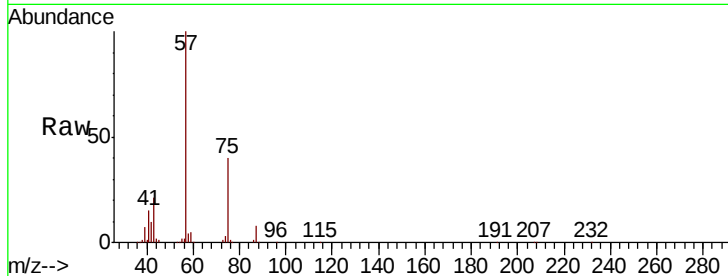




#57
 1,3-Dichloropropane
 Concen: 0.819 ug/l
 RT: 10.76 min Scan# 2794
 Delta R.T. 0.06 min
 Lab File: VN059614.D
 Acq: 16 Dec 2019 19:35

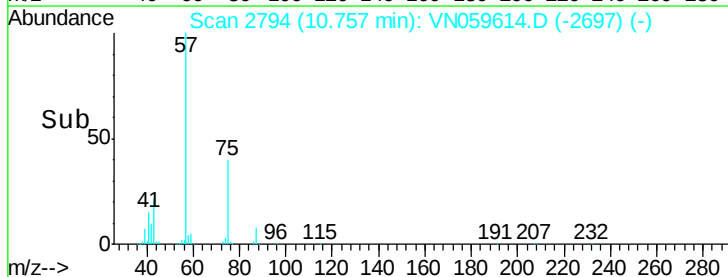
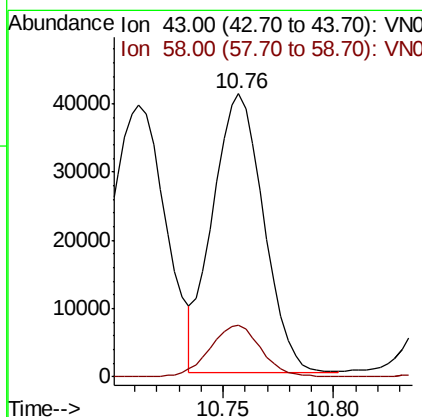
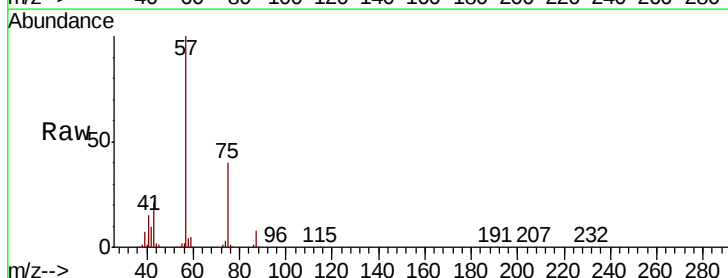
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-121319

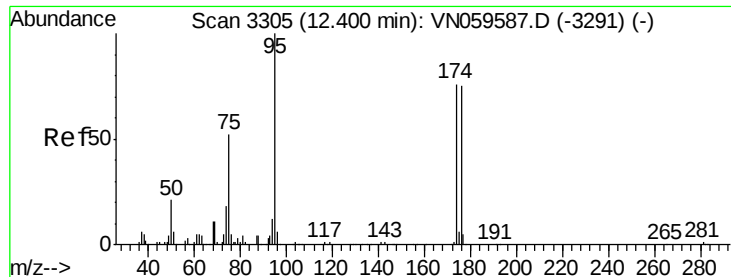
Tgt Ion: 76 Resp: 4161
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#



#59
 2-Hexanone
 Concen: 18.638 ug/l
 RT: 10.76 min Scan# 2794
 Delta R.T. 0.01 min
 Lab File: VN059614.D
 Acq: 16 Dec 2019 19:35

Tgt Ion: 43 Resp: 65573
 Ion Ratio Lower Upper
 43 100
 58 18.5 25.8 77.3#





#62

4-Bromofluorobenzene

Concen: 47.535 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN059614.D

Acq: 16 Dec 2019 19:35

Instrument :

MSVOA_N

ClientSampled :

TR-05-121319

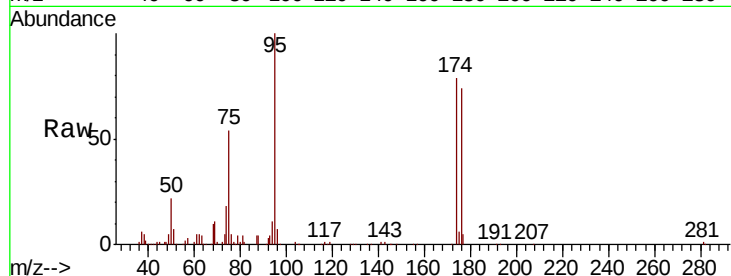
Tgt Ion: 95 Resp: 170711

Ion Ratio Lower Upper

95 100

174 77.2 0.0 151.4

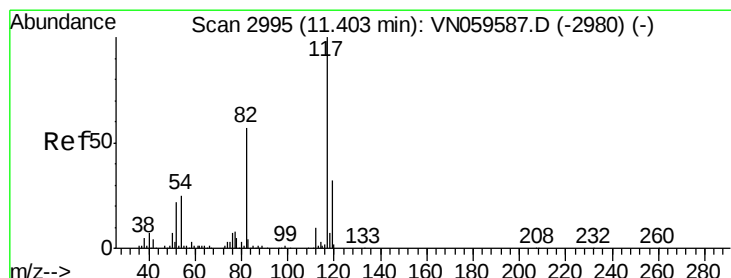
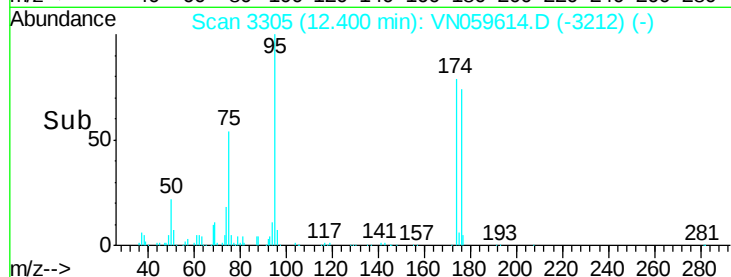
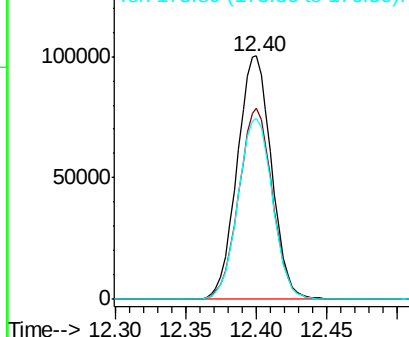
176 74.8 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059614.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN059614.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN059614.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN059614.D

Acq: 16 Dec 2019 19:35

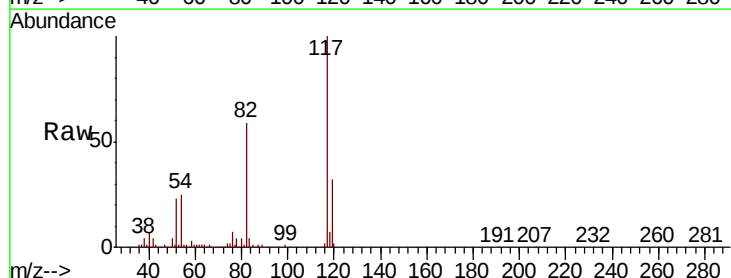
Tgt Ion: 117 Resp: 368078

Ion Ratio Lower Upper

117 100

82 59.1 45.9 68.9

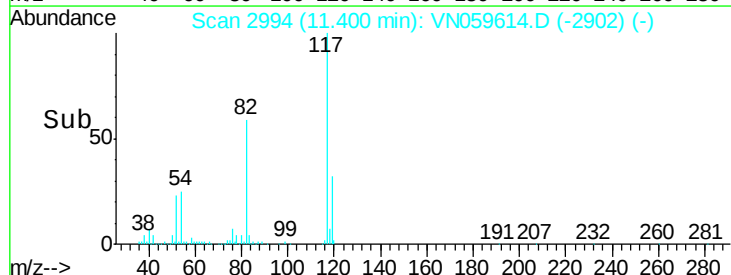
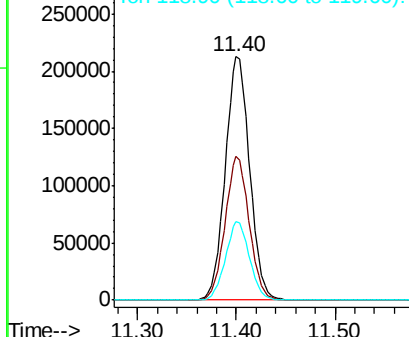
119 32.4 25.5 38.3

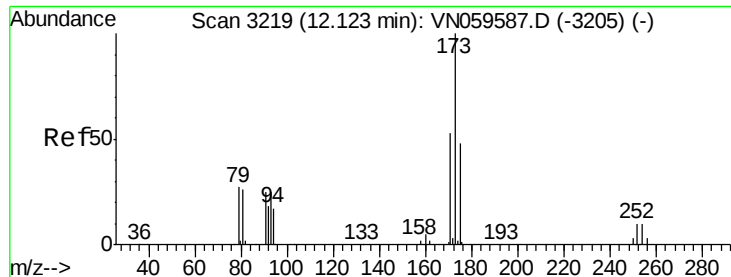


Abundance Ion 116.90 (116.60 to 117.60): VN059614.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN059614.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN059614.D (-2902) (-)





#71

Bromoform

Concen: 0.256 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.27 min

Lab File: VN059614.D

Acq: 16 Dec 2019 19:35

Instrument :

MSVOA_N

ClientSampleId :

TR-05-121319

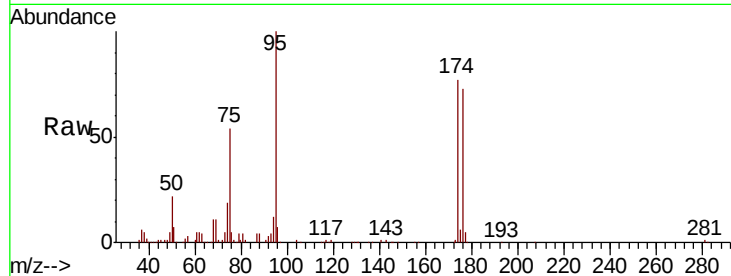
Tgt Ion:173 Resp: 582

Ion Ratio Lower Upper

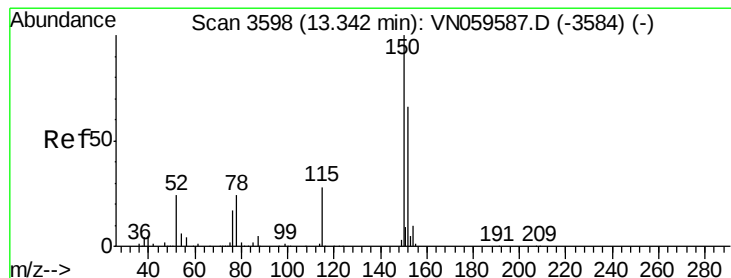
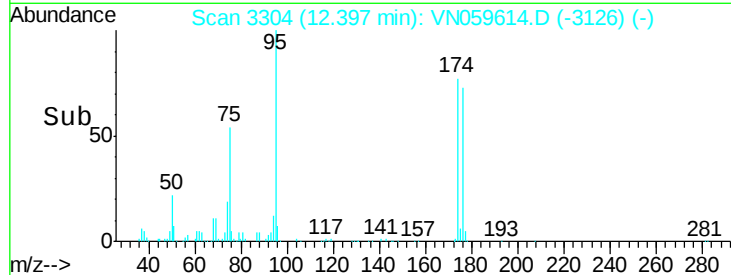
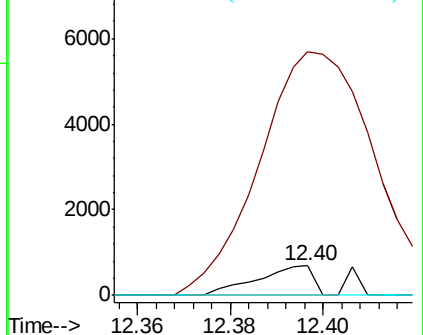
173 100

175 1462.2 23.8 71.4#

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN059614.D

Acq: 16 Dec 2019 19:35

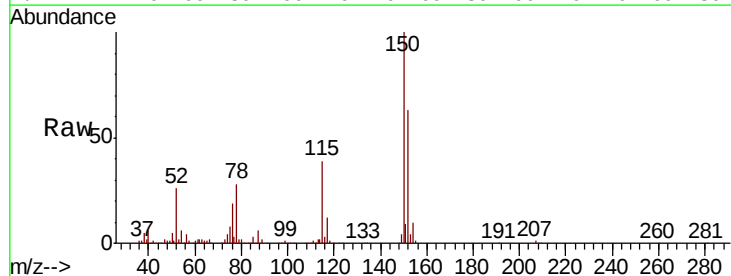
Tgt Ion:152 Resp: 154695

Ion Ratio Lower Upper

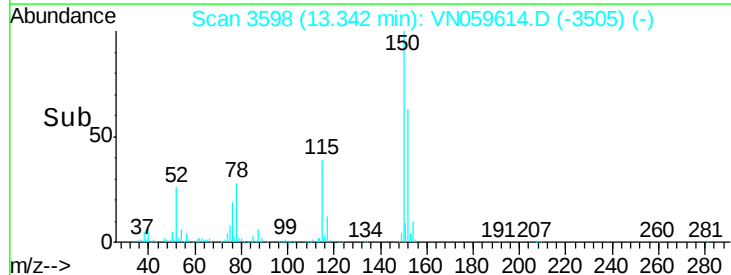
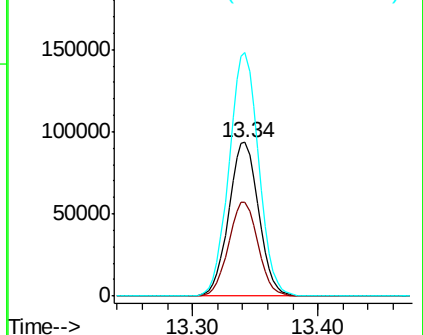
152 100

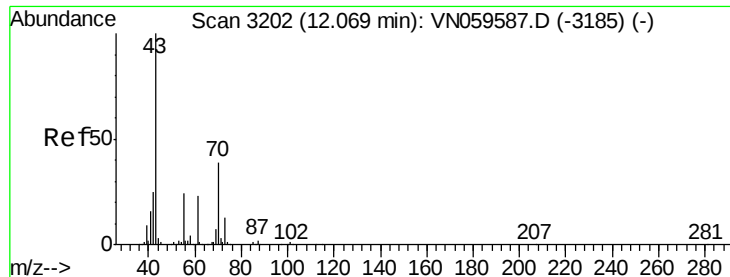
115 60.3 30.3 90.9

150 157.2 0.0 345.2



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





#74

N-ethyl acetate

Concen: 1.360 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN059614.D

Acq: 16 Dec 2019 19:35

Instrument :

MSVOA_N

ClientSampleId :

TR-05-121319

Tgt Ion: 43 Resp: 7574

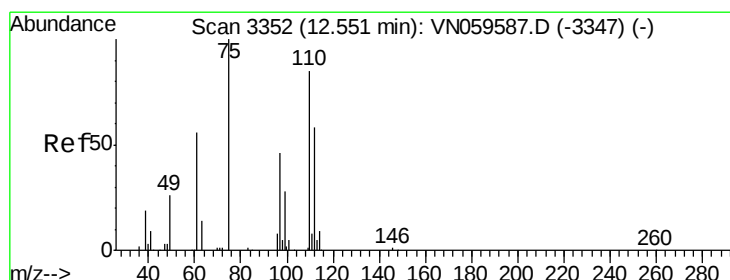
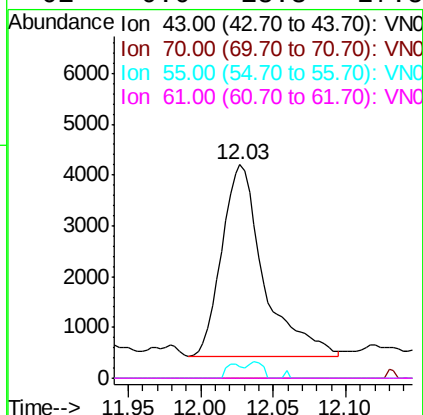
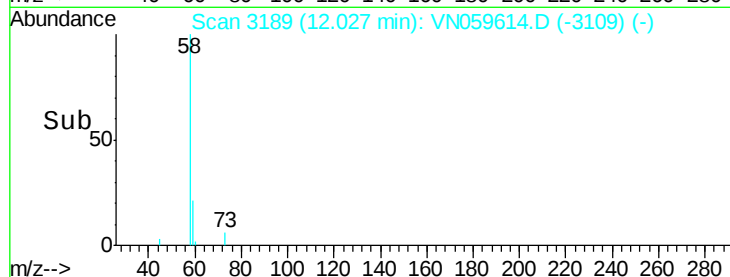
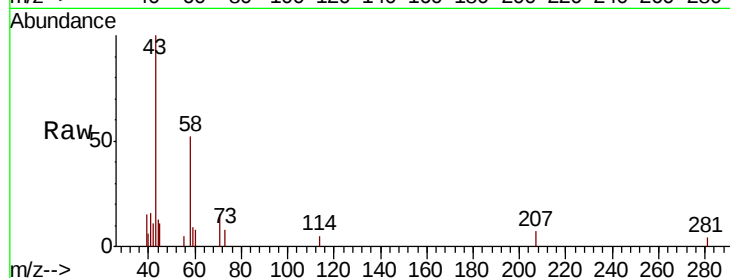
Ion Ratio Lower Upper

43 100

70 0.0 31.3 46.9#

55 3.0 19.8 29.6#

61 0.0 18.3 27.5#



#76

1,2,3-Trichloropropane

Concen: 24.276 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN059614.D

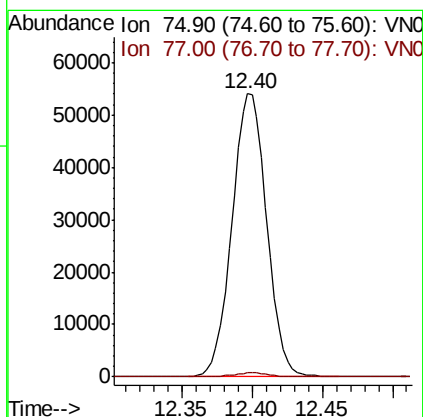
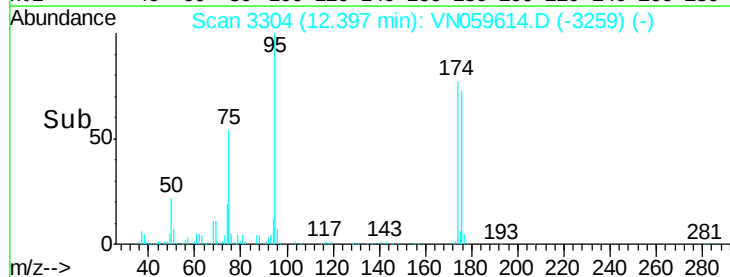
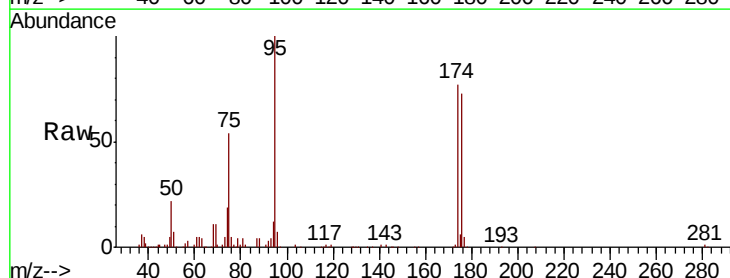
Acq: 16 Dec 2019 19:35

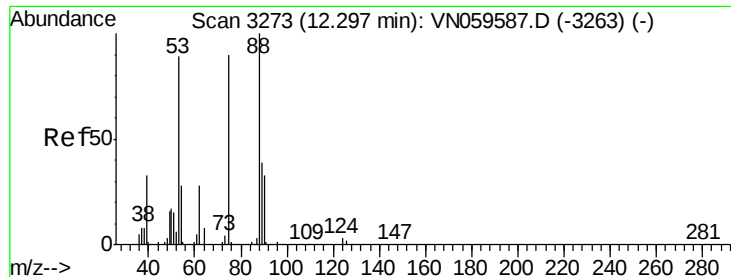
Tgt Ion: 75 Resp: 92968

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 59.960 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN059614.D

Acq: 16 Dec 2019 19:35

Instrument :

MSVOA_N

ClientSampled :

TR-05-121319

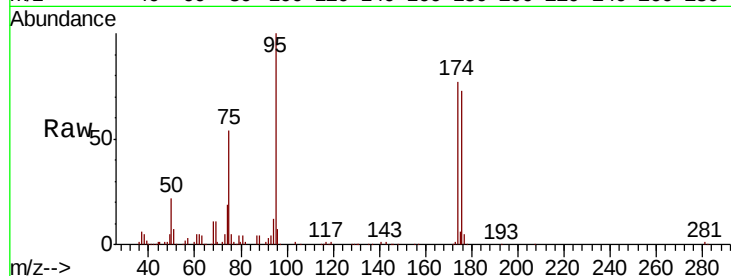
Tgt Ion: 75 Resp: 92968

Ion Ratio Lower Upper

75 100

53 0.0 78.1 117.1#

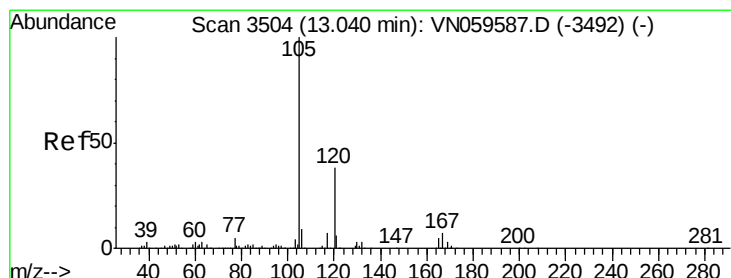
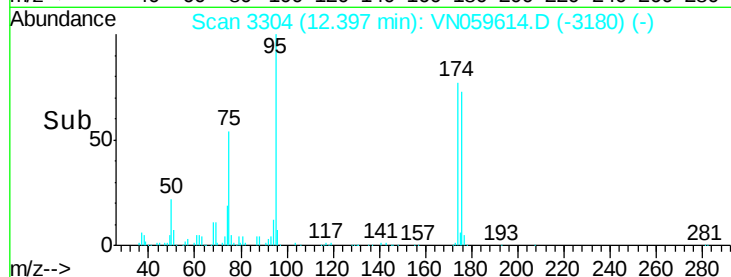
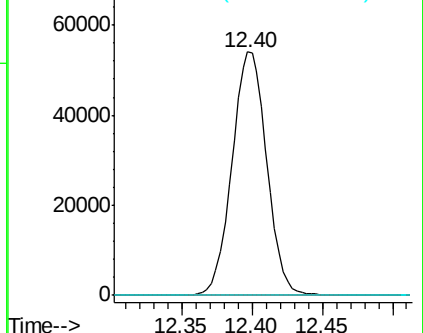
89 0.0 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VN059614.D (-3304) (-)

Ion 53.00 (52.70 to 53.70): VN059614.D (-3304) (-)

Ion 88.90 (88.60 to 89.60): VN059614.D (-3304) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.237 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN059614.D

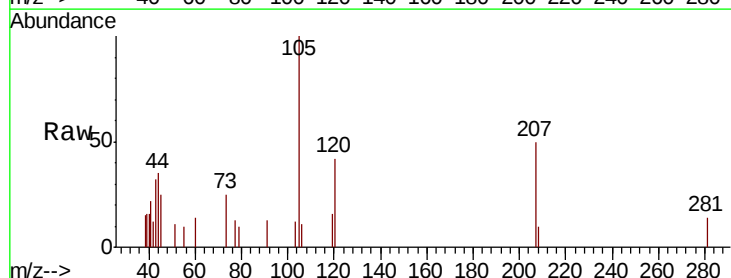
Acq: 16 Dec 2019 19:35

Tgt Ion: 105 Resp: 2420

Ion Ratio Lower Upper

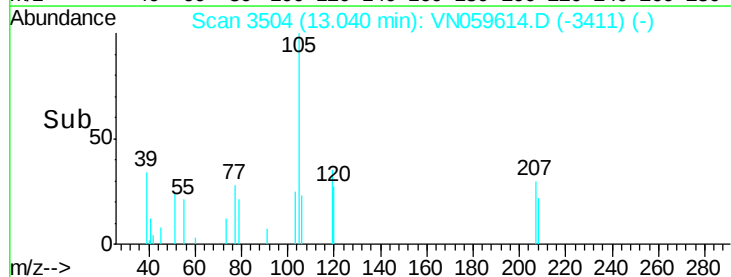
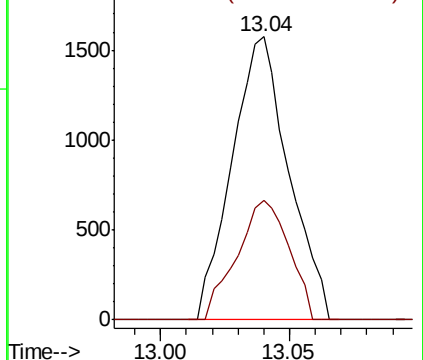
105 100

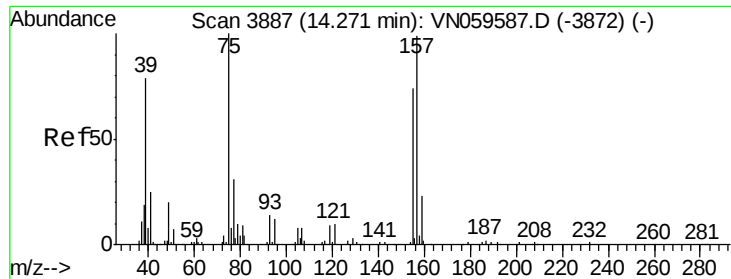
120 39.0 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): VN059614.D (-3504) (-)

Ion 120.00 (119.70 to 120.70): VN059614.D (-3504) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.834 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. -0.01 min

Lab File: VN059614.D

Acq: 16 Dec 2019 19:35

Instrument :

MSVOA_N

ClientSampleId :

TR-05-121319

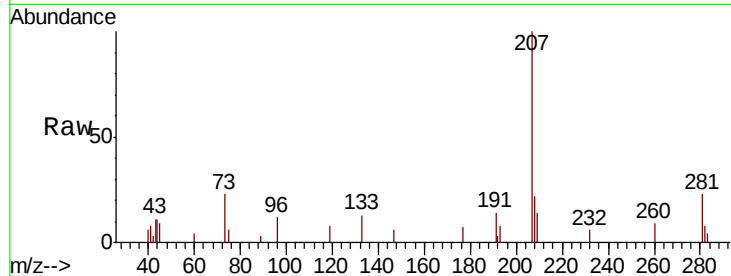
Tgt Ion: 75 Resp: 234

Ion Ratio Lower Upper

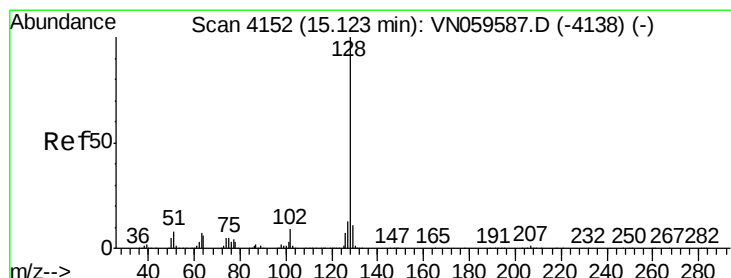
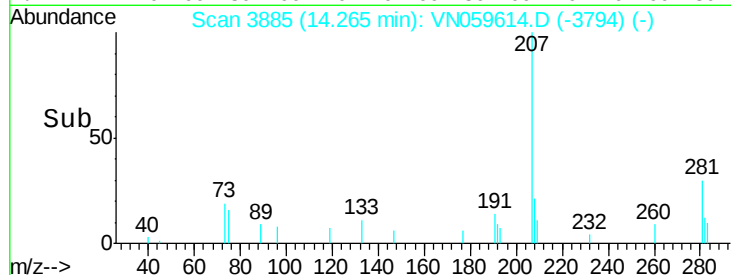
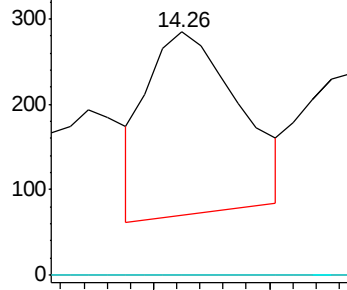
75 100

155 0.0 37.0 110.9#

157 0.0 48.4 145.2#



Abundance Ion 74.90 (74.60 to 75.60): VN059587.D (-3872) (-)



#95

Naphthalene

Concen: 0.340 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN059614.D

Acq: 16 Dec 2019 19:35

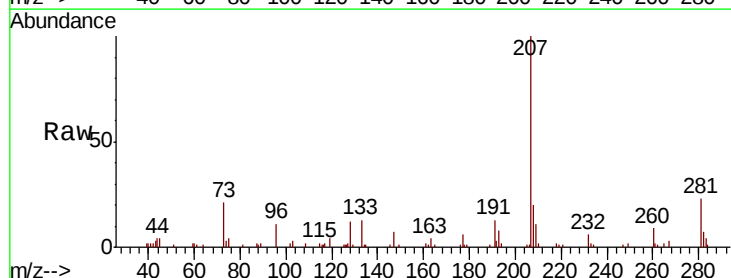
Tgt Ion: 128 Resp: 3554

Ion Ratio Lower Upper

128 100

127 8.4 10.4 15.6#

129 5.7 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): VN059587.D (-4138) (-)

