

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102618\
 Data File : VN052042.D
 Acq On : 26 Oct 2018 21:27
 Operator : MD\SY
 Sample : J5205-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-102518

Quant Time: Oct 26 23:28:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 10:12:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1262103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1834975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1748186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	829473	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	625080	55.61	ug/l	0.00
Spiked Amount			Recovery	=	111.22%	
35) Dibromofluoromethane	7.59	113	670907	57.30	ug/l	0.00
Spiked Amount			Recovery	=	114.60%	
50) Toluene-d8	10.09	98	2494310	58.95	ug/l	0.00
Spiked Amount			Recovery	=	117.90%	
62) 4-Bromofluorobenzene	12.40	95	794056	54.60	ug/l	0.00
Spiked Amount			Recovery	=	109.20%	

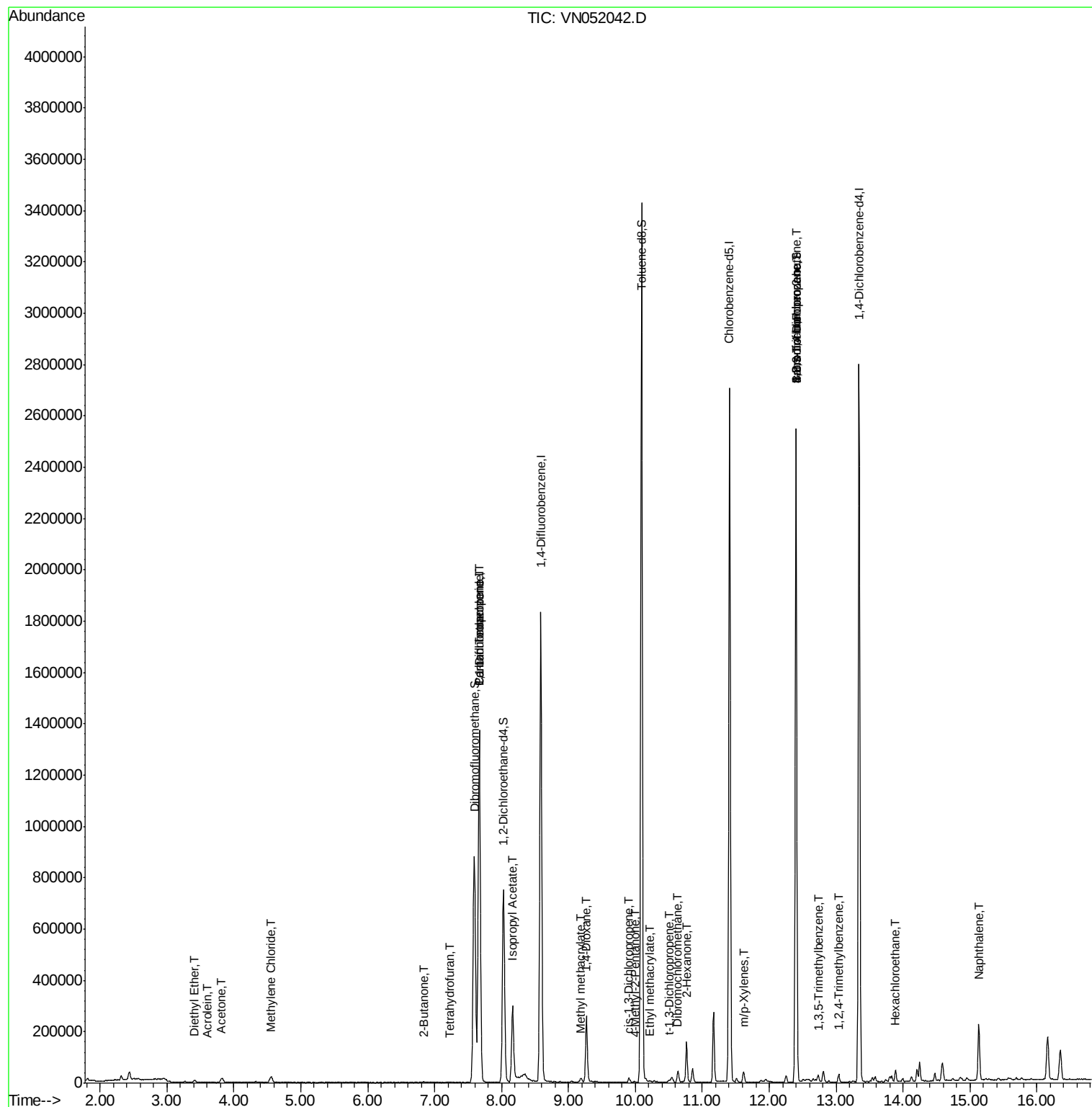
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.40	74	2224	0.434	ug/l	84
13) Acrolein	3.60	56	105	37.539	ug/l #	52
16) Acetone	3.82	43	31656	17.093	ug/l	98
18) Methyl Acetate	4.33	43	7290	Below Cal	#	78
20) Methylene Chloride	4.55	84	17844	1.642	ug/l	92
25) 2-Butanone	6.83	43	916	0.347	ug/l #	39
29) Tetrahydrofuran	7.22	42	694	0.388	ug/l #	78
31) Cyclohexane	7.67	56	19052	Below Cal	#	39
36) 1,1-Dichloropropene	7.67	75	68749	4.884	ug/l #	47
37) Ethyl Acetate	6.93	43	1365	Below Cal	#	78
38) Carbon Tetrachloride	7.67	117	108472	6.713	ug/l #	16
43) Isopropyl Acetate	8.17	43	346582	29.401	ug/l	97
48) Methyl methacrylate	9.18	41	7239	1.270	ug/l #	13
49) 1,4-Dioxane	9.27	88	29	0.278	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	1710	0.264	ug/l #	79
53) t-1,3-Dichloropropene	10.50	75	70	1.249	ug/l #	1
54) cis-1,3-Dichloropropene	9.91	75	3485	0.232	ug/l #	73
56) Ethyl methacrylate	10.22	69	2864	0.254	ug/l	96
59) 2-Hexanone	10.76	43	21841	5.013	ug/l #	45
60) Dibromochloromethane	10.63	129	31	1.980	ug/l #	11
68) m/p-Xylenes	11.62	106	14487	0.639	ug/l	99
71) Bromoform	12.40	173	7087	4.392	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	387081	45.178	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	9901	0.235	ug/l	89
81) trans-1,4-Dichloro-2-buten	12.40	75	387081	142.182	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	19068	0.438	ug/l	98
90) Hexachloroethane	13.89	117	2522	0.361	ug/l #	4
95) Naphthalene	15.13	128	201534	6.065	ug/l	99

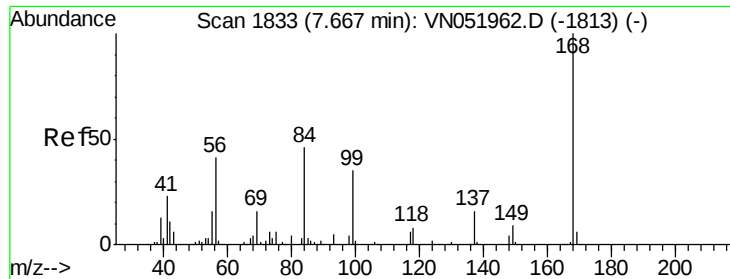
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102618\
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QLast Update : Wed Oct 24 10:12:55 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052042.D

Acq: 26 Oct 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

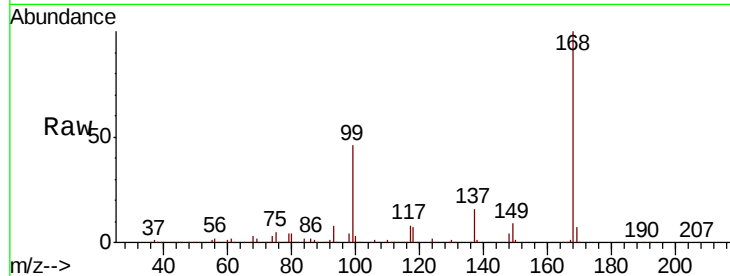
TR-05-102518

Tot Ion:168 Resp: 1262103

Ion Ratio Lower Upper

168 100

99 45.7 37.8 56.6



Abundance Ion 167.90 (167.60 to 168.60): VN051962.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051962.D (-1813) (-)

7.67

600000

500000

400000

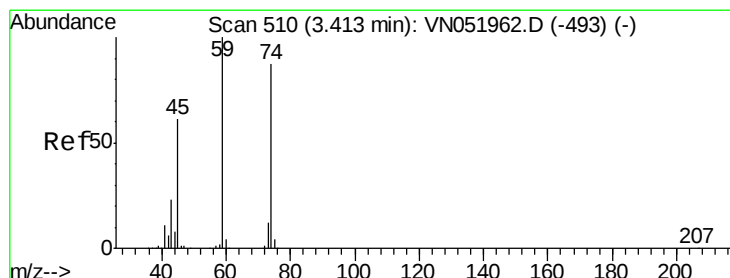
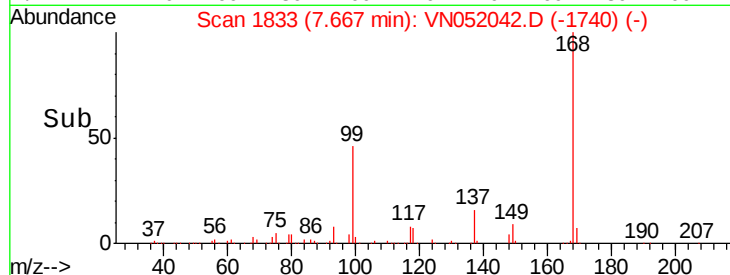
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 0.434 ug/l

RT: 3.40 min Scan# 507

Delta R.T. -0.01 min

Lab File: VN052042.D

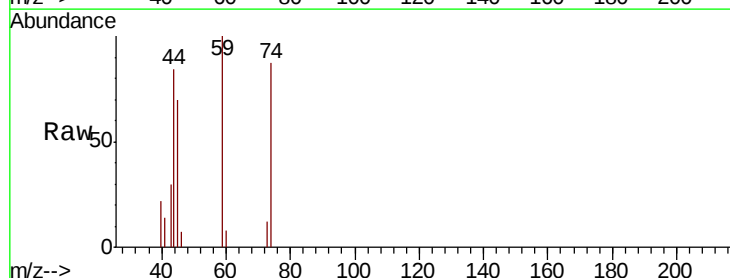
Acq: 26 Oct 2018 21:27

Tgt Ion: 74 Resp: 2224

Ion Ratio Lower Upper

74 100

45 57.7 35.5 106.5



Abundance Ion 74.00 (73.70 to 74.70): VN051962.D (-493) (-)

Ion 45.00 (44.70 to 45.70): VN051962.D (-493) (-)

3.40

2000

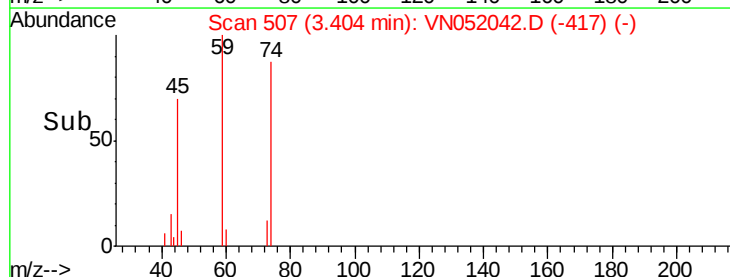
1500

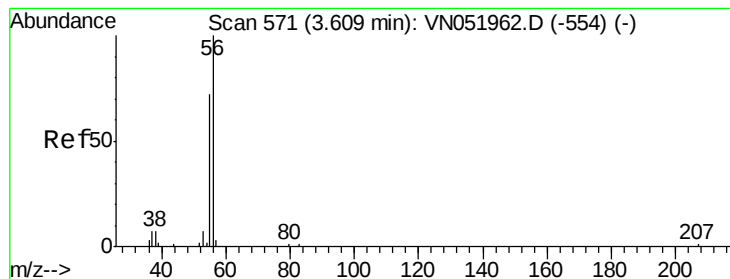
1000

500

0

Time-->





#13

Acrolein

Concen: 37.539 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.01 min

Lab File: VN052042.D

Acq: 26 Oct 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

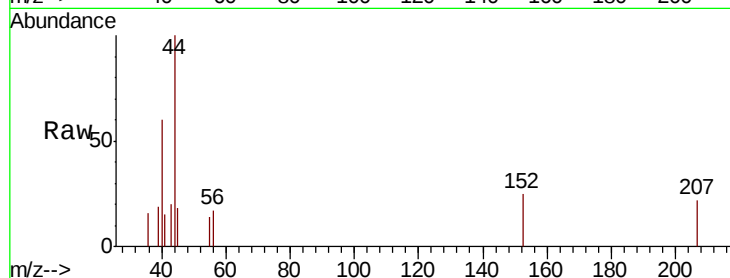
TR-05-102518

Tot Ion: 56 Resp: 105

Ion Ratio Lower Upper

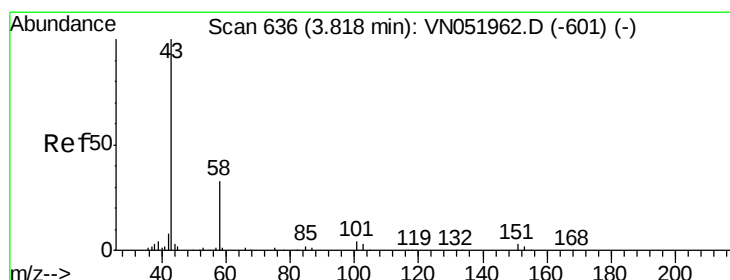
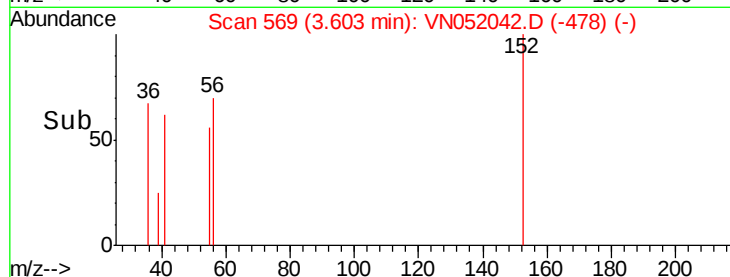
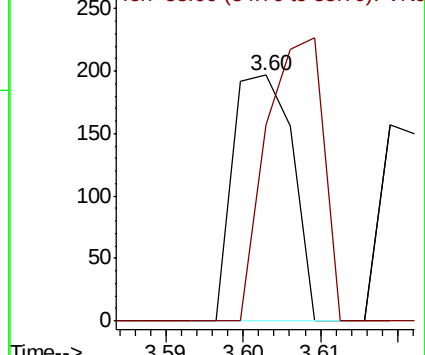
56 100

55 110.5 56.6 84.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 17.093 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN052042.D

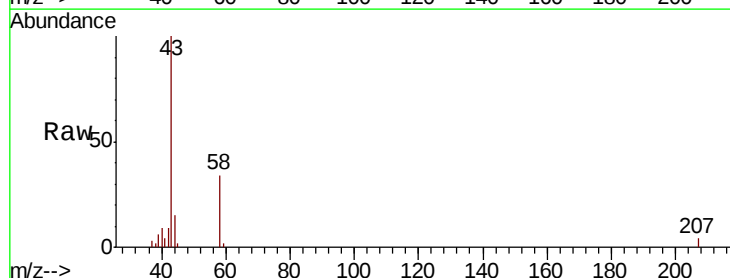
Acq: 26 Oct 2018 21:27

Tgt Ion: 43 Resp: 31656

Ion Ratio Lower Upper

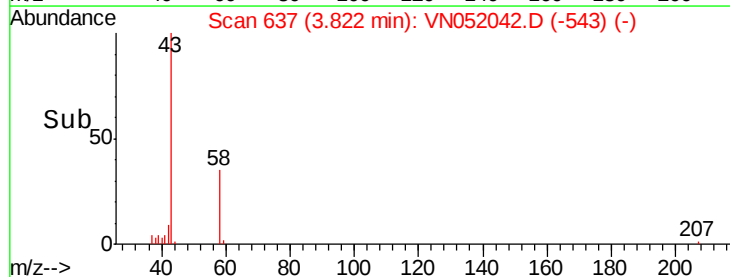
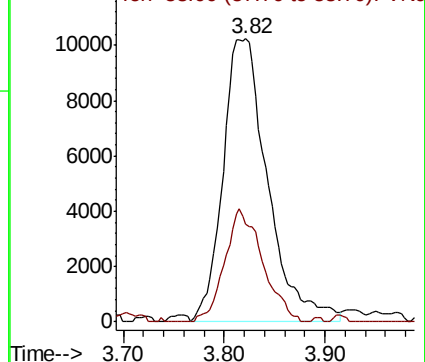
43 100

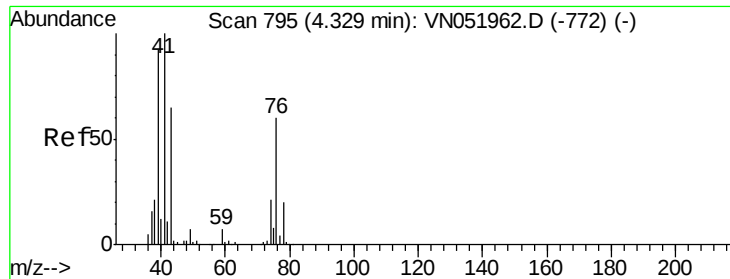
58 34.5 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

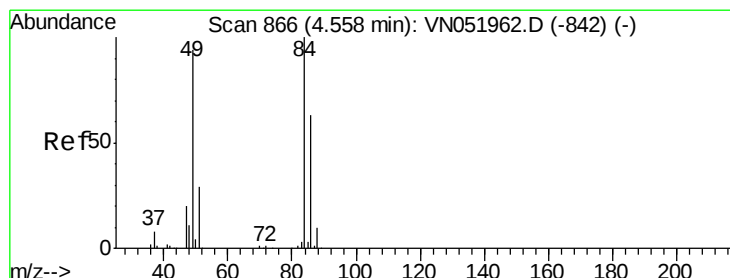
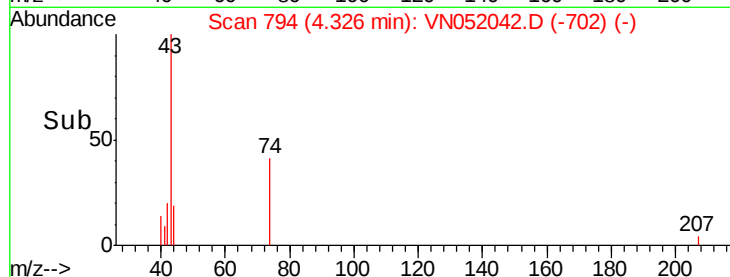
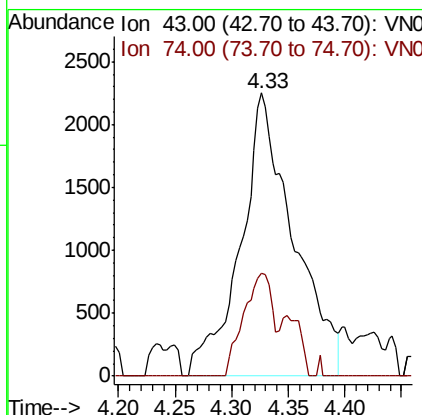
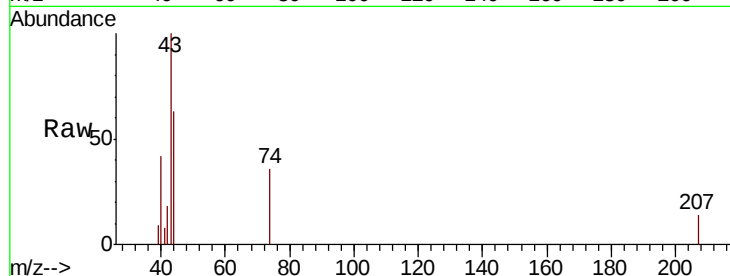




#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN052042.D
Acq: 26 Oct 2018 21:27

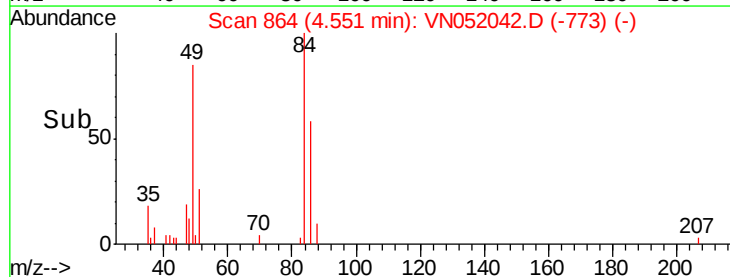
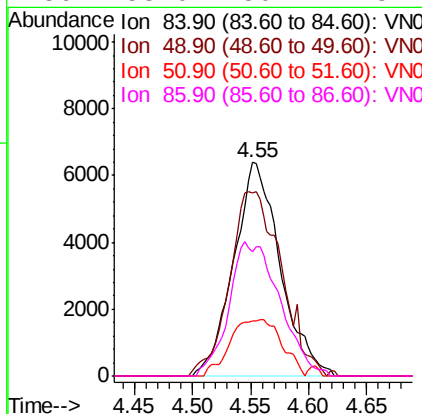
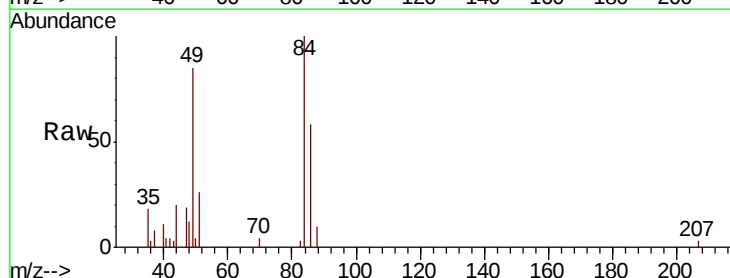
Instrument :
MSVOA_N
ClientSampled :
TR-05-102518

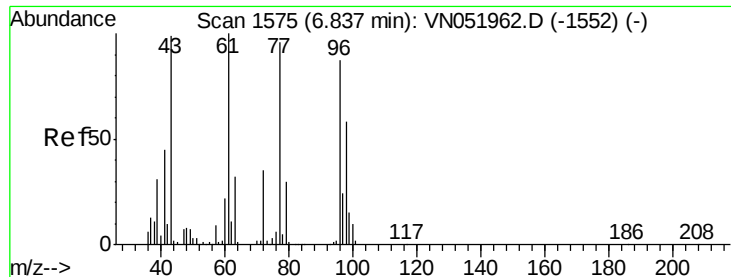
Tot Ion: 43 Resp: 7290
Ion Ratio Lower Upper
43 100
74 19.7 25.7 38.5#



#20
Methylene Chloride
Concen: 1.642 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.01 min
Lab File: VN052042.D
Acq: 26 Oct 2018 21:27

Tgt Ion: 84 Resp: 17844
Ion Ratio Lower Upper
84 100
49 85.5 75.4 113.0
51 25.6 23.1 34.7
86 58.0 50.2 75.4

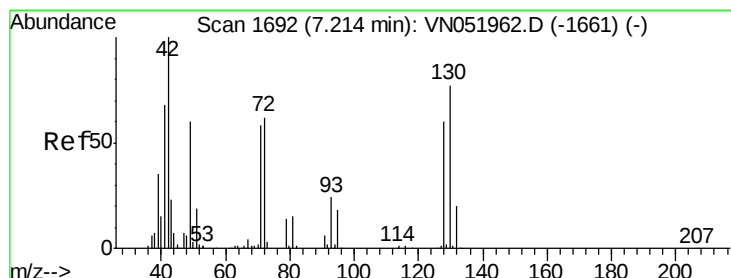
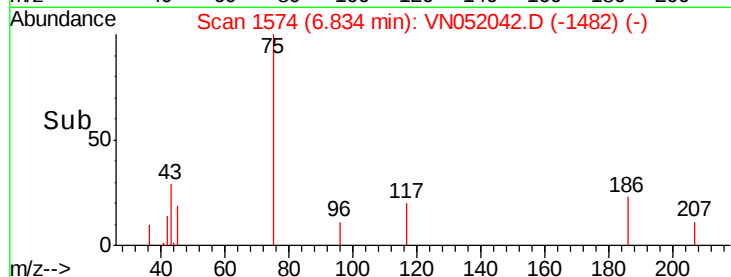
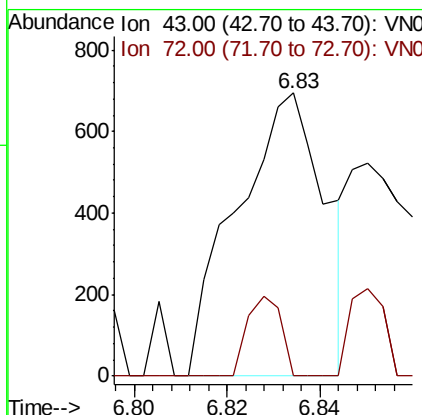
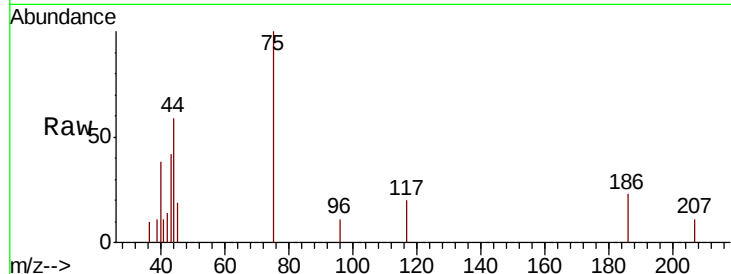




#25
2-Butanone
Concen: 0.347 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN052042.D
Acq: 26 Oct 2018 21:27

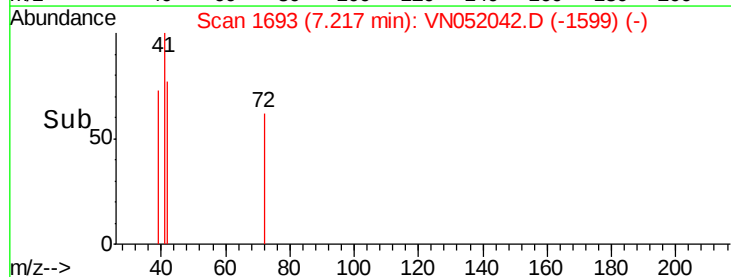
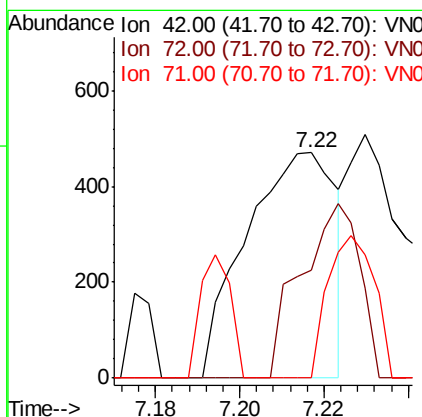
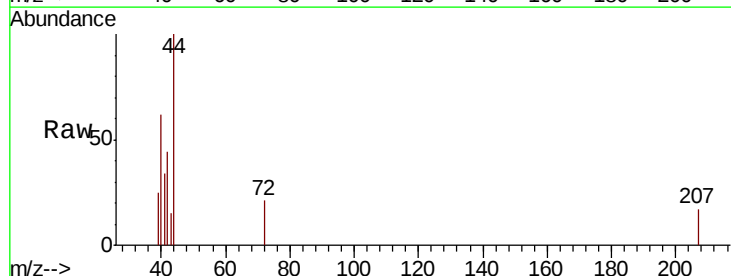
Instrument :
MSVOA_N
ClientSampleId :
TR-05-102518

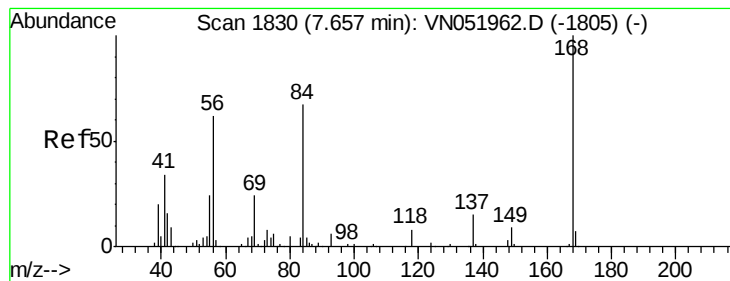
Tot Ion: 43 Resp: 916
Ion Ratio Lower Upper
43 100
72 0.0 28.5 42.7#



#29
Tetrahydrofuran
Concen: 0.388 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN052042.D
Acq: 26 Oct 2018 21:27

Tgt Ion: 42 Resp: 694
Ion Ratio Lower Upper
42 100
72 50.6 47.5 71.3
71 32.6 45.4 68.2#





#31

Cyclohexane

Concen: Below Cal

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN052042.D

Acq: 26 Oct 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

TR-05-102518

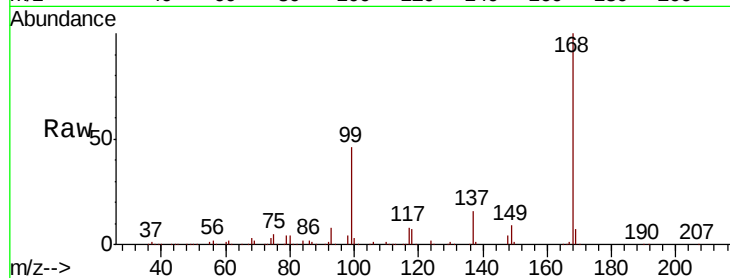
Tot Ion: 56 Resp: 19052

Ion Ratio Lower Upper

56 100

69 144.0 31.2 46.8#

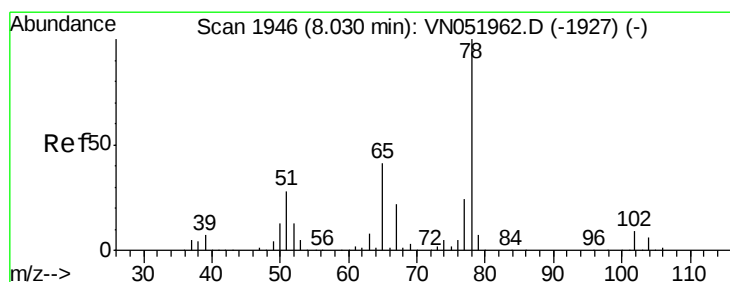
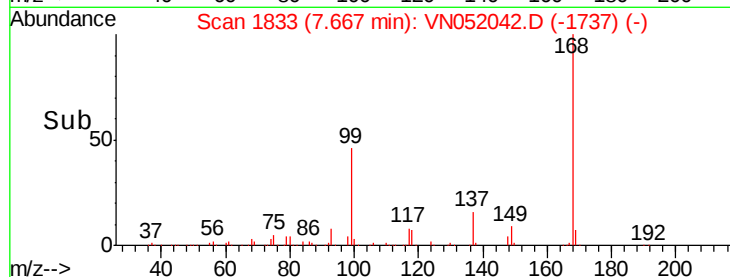
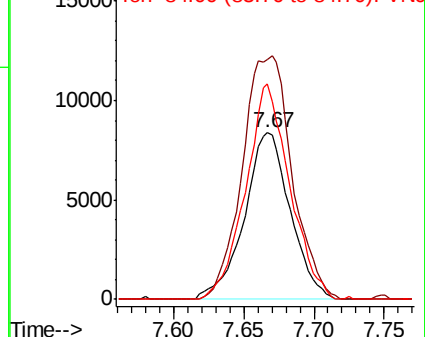
84 129.2 86.3 129.5



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: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052042.D

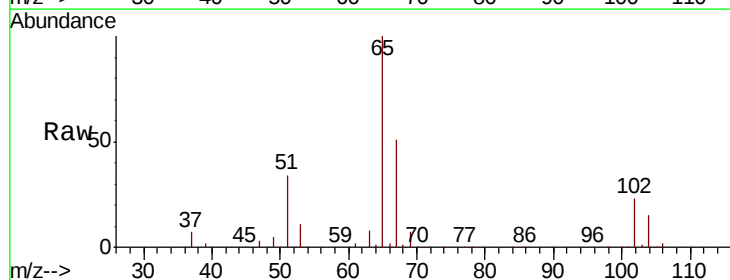
Acq: 26 Oct 2018 21:27

Tgt Ion: 65 Resp: 625080

Ion Ratio Lower Upper

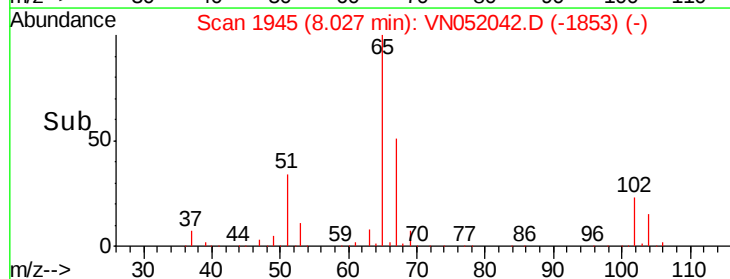
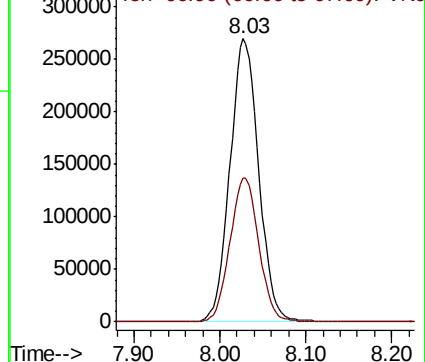
65 100

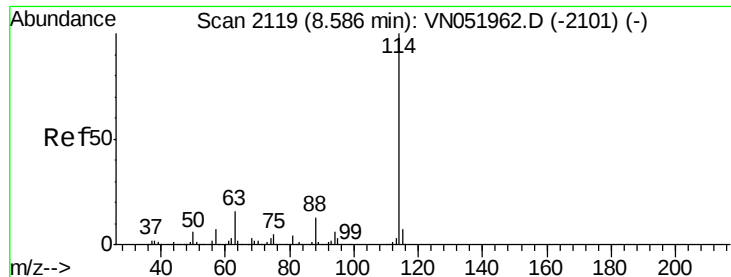
67 51.0 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

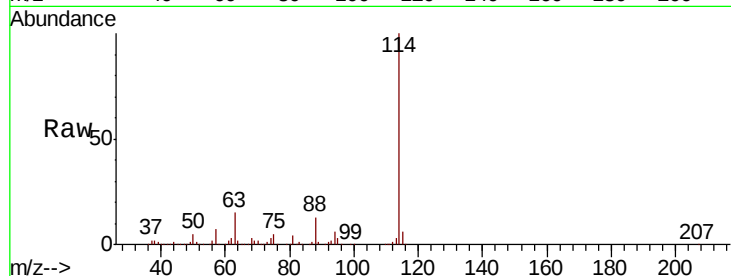




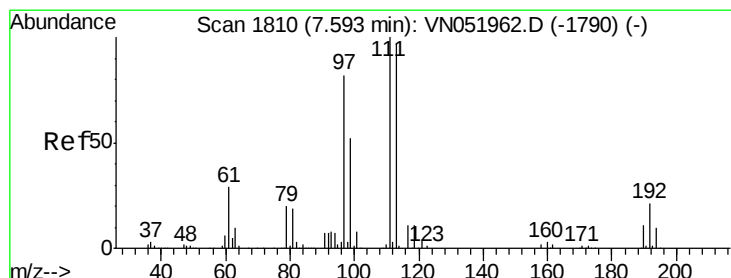
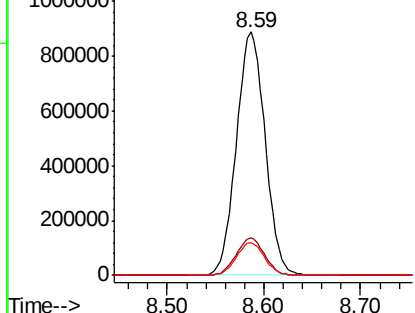
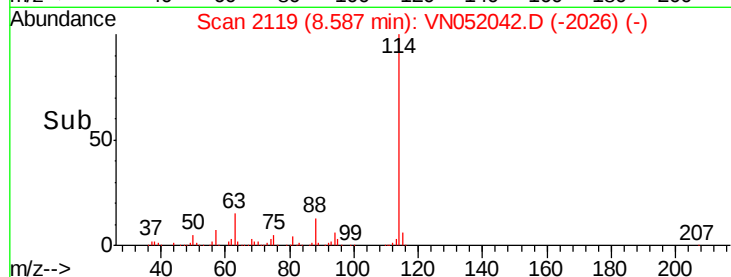
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052042.D
 Acq: 26 Oct 2018 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-102518

Tot Ion:114 Resp: 1834975
 Ion Ratio Lower Upper
 114 100
 63 15.2 0.0 31.2
 88 13.3 0.0 27.0

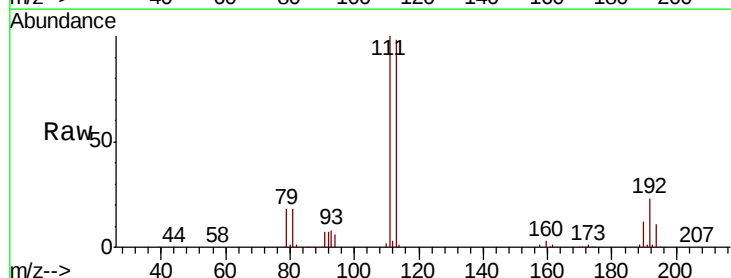


Abundance Ion 113.90 (113.60 to 114.60): V
 1200000 Ion 63.00 (62.70 to 63.70): VN
 1000000 Ion 87.90 (87.60 to 88.60): VN

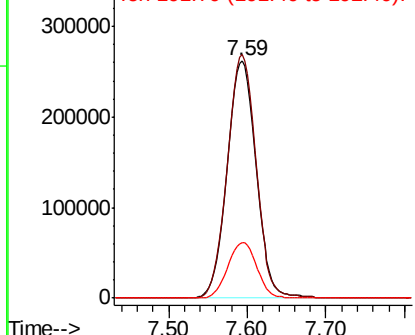
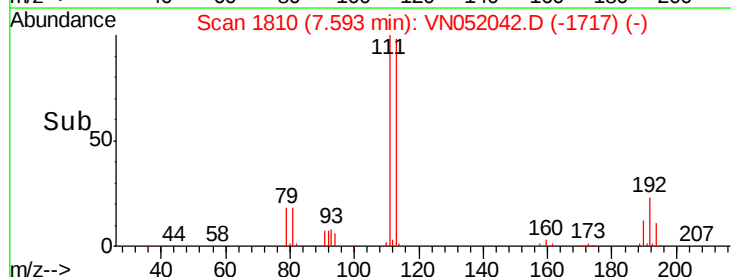


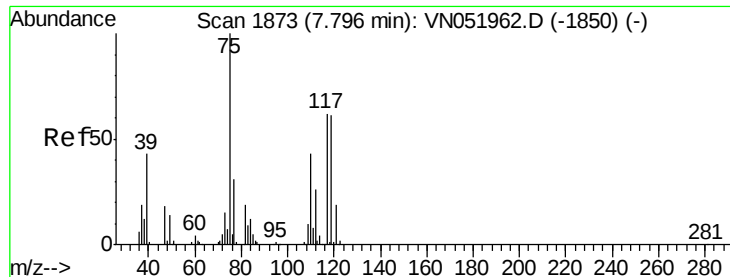
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052042.D
 Acq: 26 Oct 2018 21:27

Tgt Ion:113 Resp: 670907
 Ion Ratio Lower Upper
 113 100
 111 102.0 80.7 121.1
 192 23.3 17.2 25.8



Abundance Ion 112.80 (112.50 to 113.50): V
 300000 Ion 110.80 (110.50 to 111.50): V
 200000 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.884 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN052042.D

Acq: 26 Oct 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

TR-05-102518

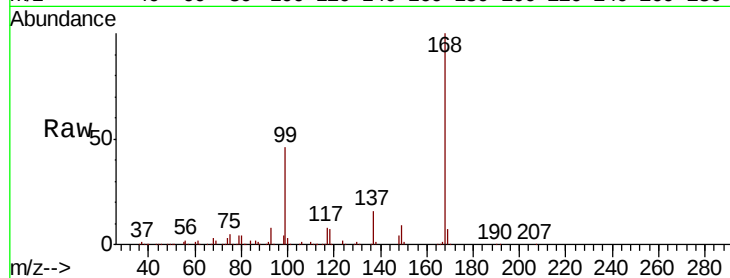
Tot Ion: 75 Resp: 68749

Ion Ratio Lower Upper

75 100

110 10.2 20.9 62.8#

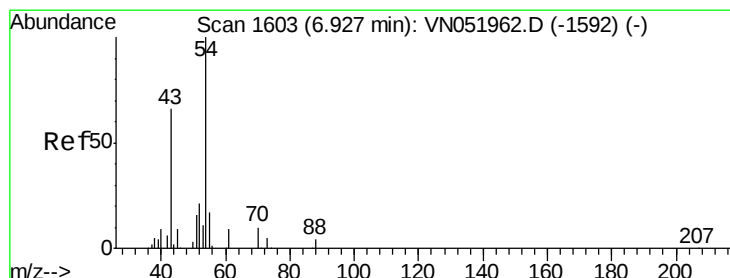
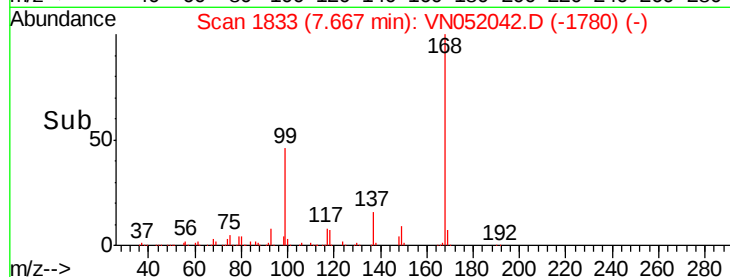
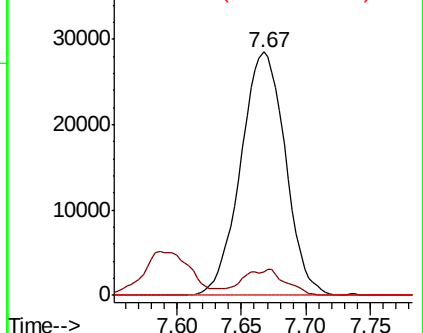
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VN051962.D (-1850) (-)

Ion 109.90 (109.60 to 110.60): VN051962.D (-1850) (-)

Ion 76.90 (76.60 to 77.60): VN051962.D (-1850) (-)



#37

Ethyl Acetate

Concen: Below Cal

RT: 6.93 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VN052042.D

Acq: 26 Oct 2018 21:27

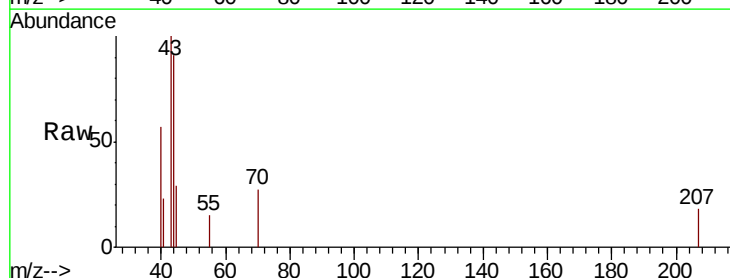
Tgt Ion: 43 Resp: 1365

Ion Ratio Lower Upper

43 100

61 2.2 13.5 20.3#

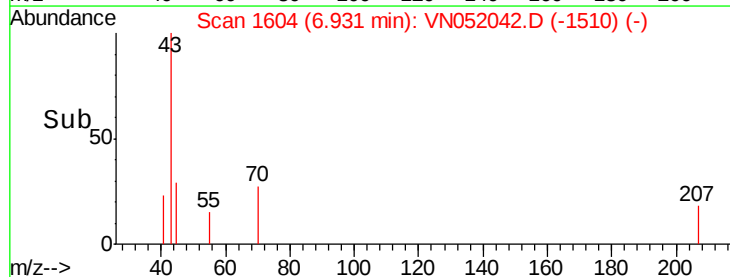
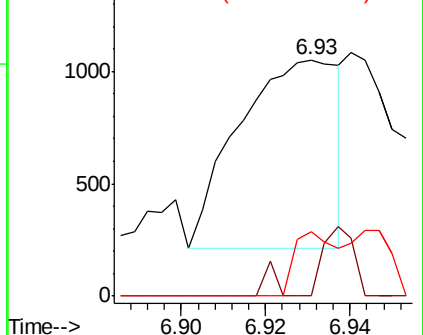
70 14.1 9.8 14.6

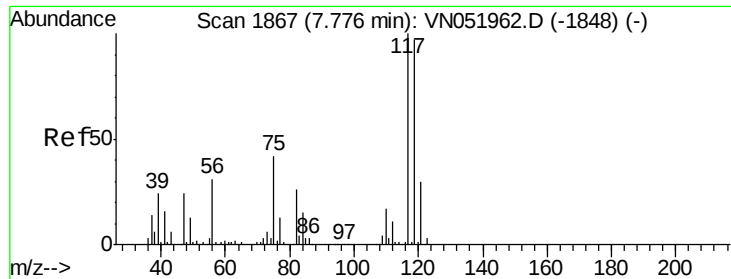


Abundance Ion 43.00 (42.70 to 43.70): VN051962.D (-1592) (-)

Ion 60.90 (60.60 to 61.60): VN051962.D (-1592) (-)

Ion 70.00 (69.70 to 70.70): VN051962.D (-1592) (-)





#38

Carbon Tetrachloride

Concen: 6.713 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052042.D

Acq: 26 Oct 2018 21:27

Instrument :

MSVOA_N

ClientSampled :

TR-05-102518

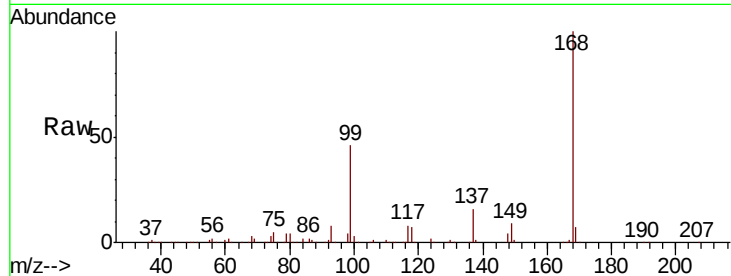
Tot Ion:117 Resp: 108472

Ion Ratio Lower Upper

117 100

119 5.8 77.4 116.0#

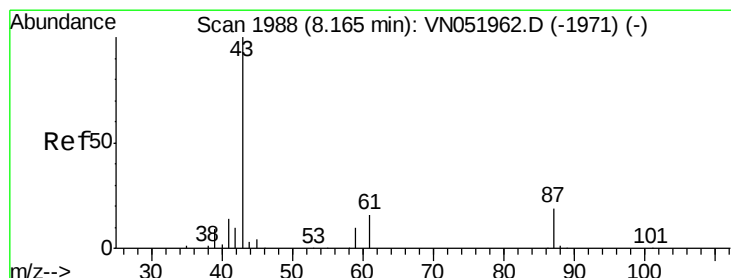
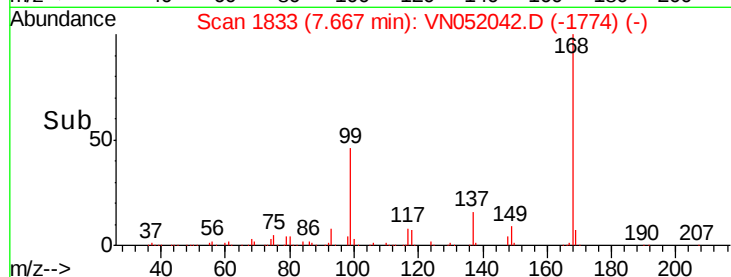
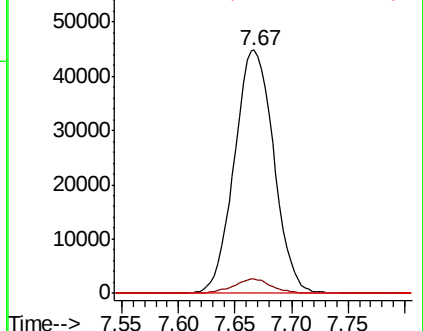
121 0.0 24.2 36.4#



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: 29.401 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052042.D

Acq: 26 Oct 2018 21:27

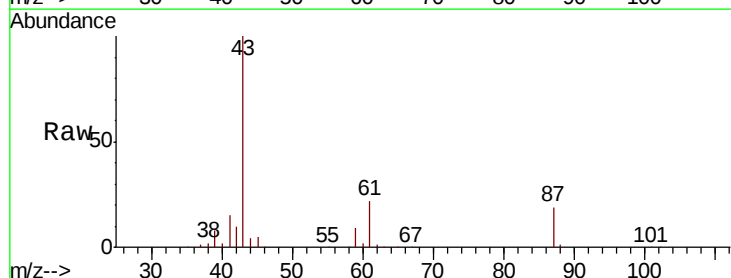
Tgt Ion: 43 Resp: 346582

Ion Ratio Lower Upper

43 100

61 20.3 17.2 25.8

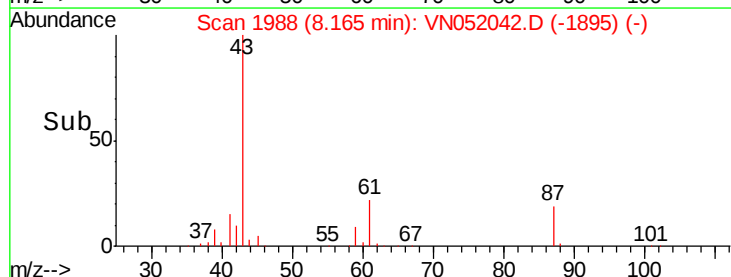
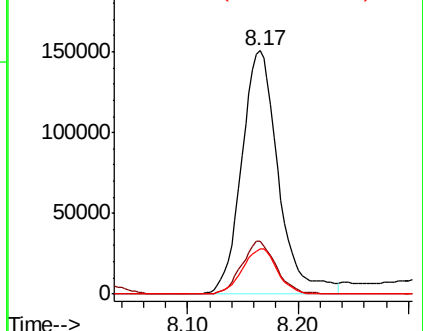
87 17.7 15.2 22.8

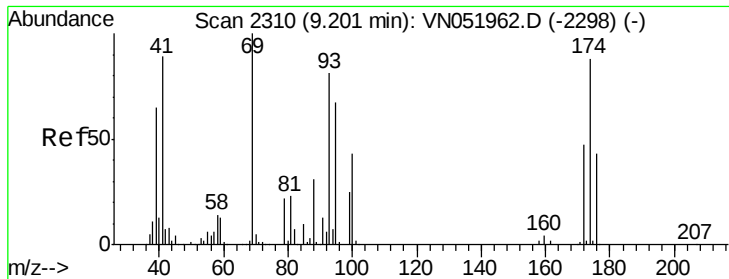


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#48

Methvl methacrylate

Concen: 1.270 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN052042.D

Acq: 26 Oct 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

TR-05-102518

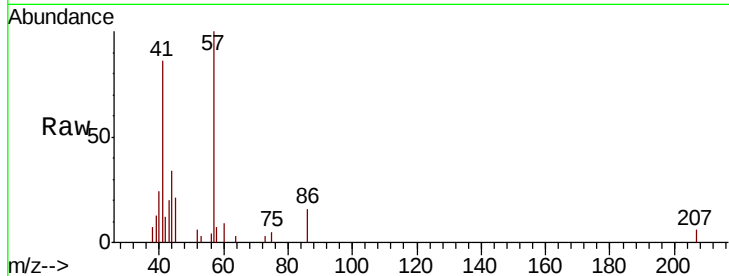
Tot Ion: 41 Resp: 7239

Ion Ratio Lower Upper

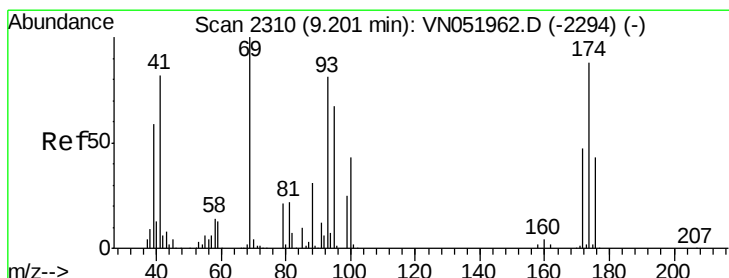
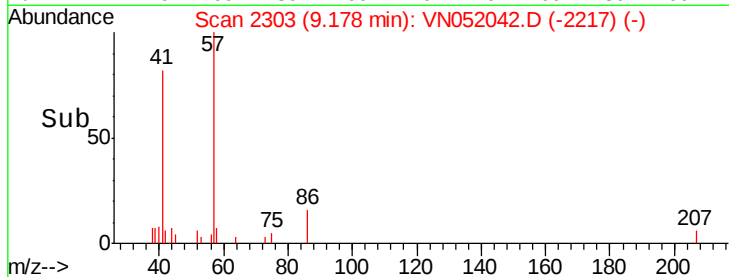
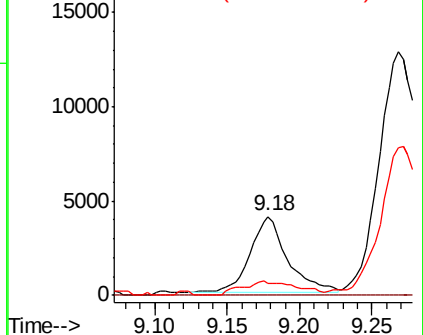
41 100

69 0.0 92.2 138.4#

39 27.2 60.2 90.4#



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



#49

1,4-Dioxane

Concen: 0.278 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.07 min

Lab File: VN052042.D

Acq: 26 Oct 2018 21:27

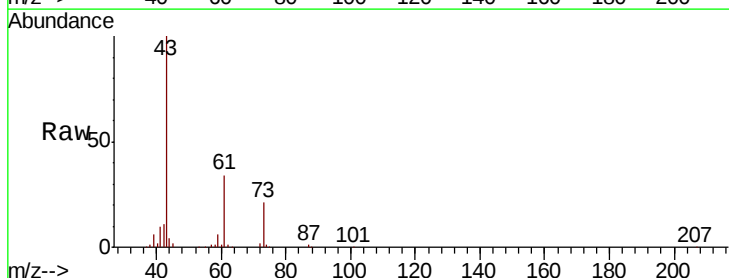
Tgt Ion: 88 Resp: 29

Ion Ratio Lower Upper

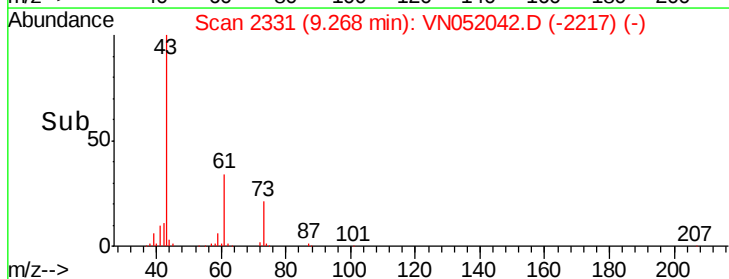
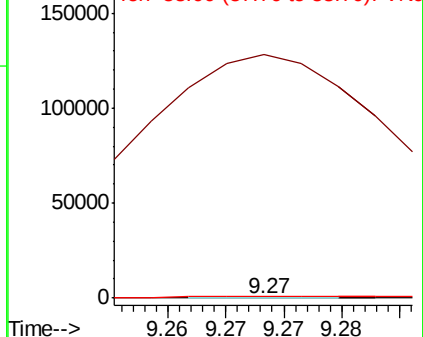
88 100

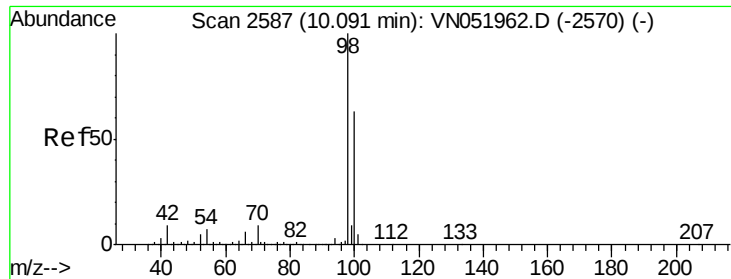
43 828489.7 18.8 28.2#

58 5720.7 39.8 59.6#



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





#50

Toluene-d8

Concen: 0.278 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052042.D

Acq: 26 Oct 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

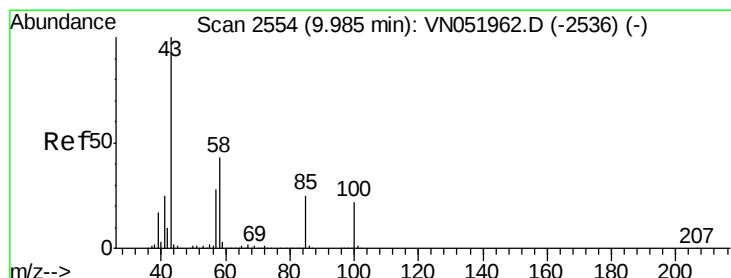
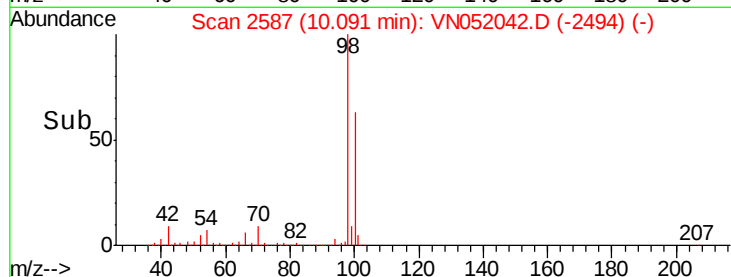
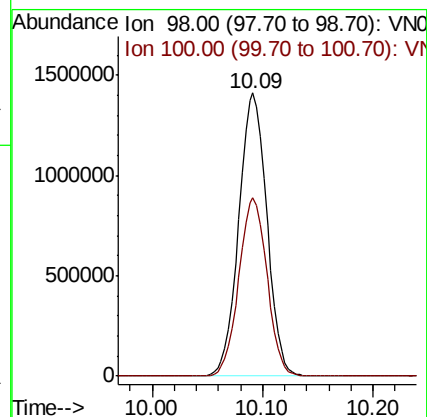
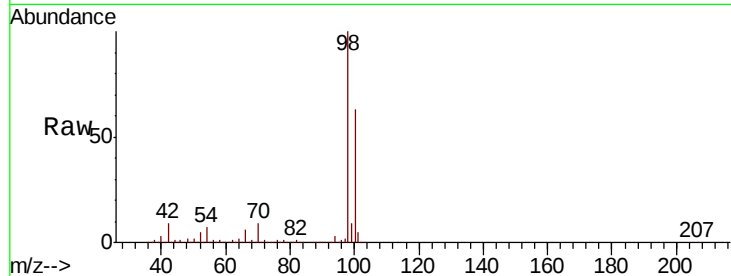
TR-05-102518

Tot Ion: 98 Resp: 2494310

Ion Ratio Lower Upper

98 100

100 63.2 50.7 76.1



#51

4-Methyl-2-Pentanone

Concen: 0.264 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN052042.D

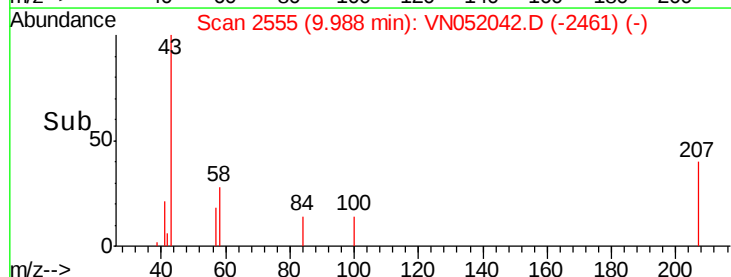
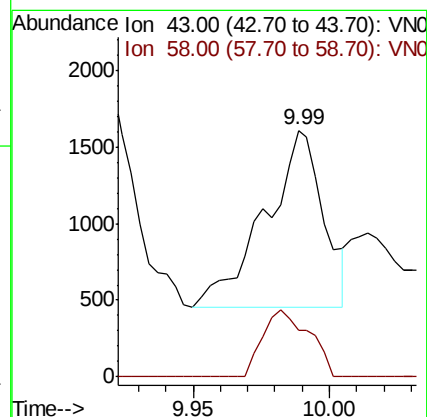
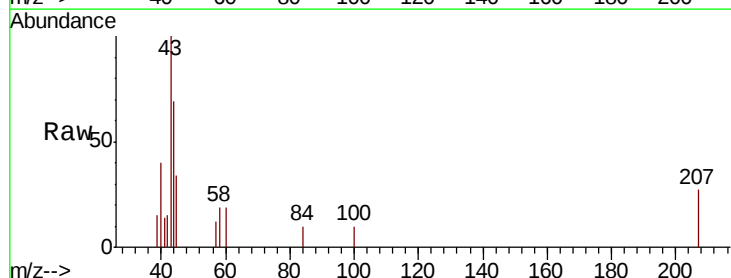
Acq: 26 Oct 2018 21:27

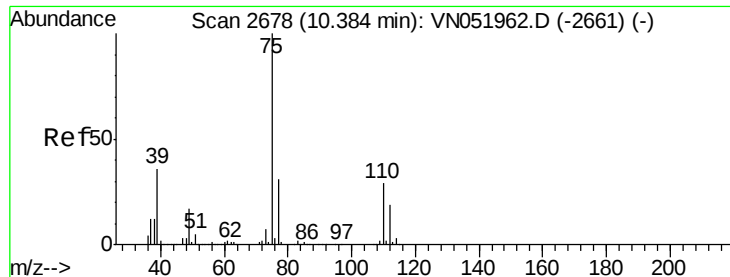
Tgt Ion: 43 Resp: 1710

Ion Ratio Lower Upper

43 100

58 29.9 34.8 52.2#





#53

t-1,3-Dichloropropene

Concen: 1.249 ug/l

RT: 10.50 min Scan# 2714

Delta R.T. 0.12 min

Lab File: VN052042.D

Acq: 26 Oct 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

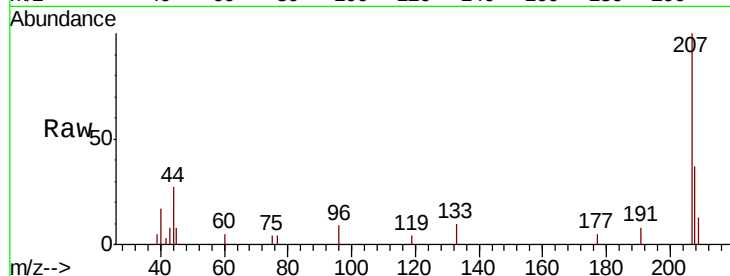
TR-05-102518

Tot Ion: 75 Resp: 70

Ion Ratio Lower Upper

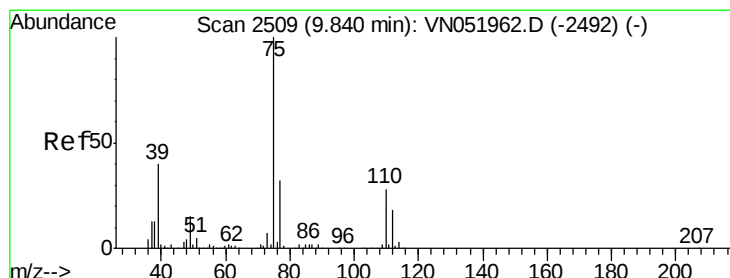
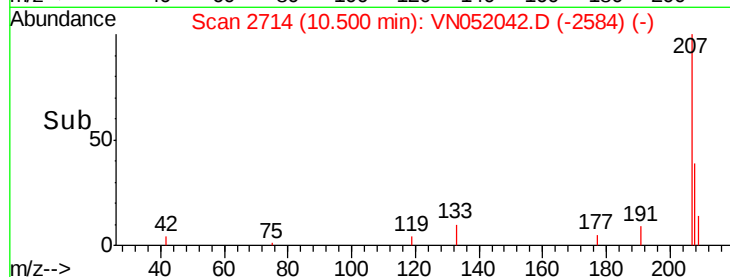
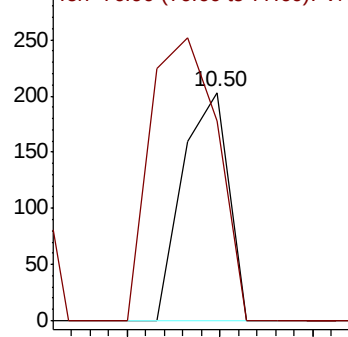
75 100

77 87.7 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 0.232 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN052042.D

Acq: 26 Oct 2018 21:27

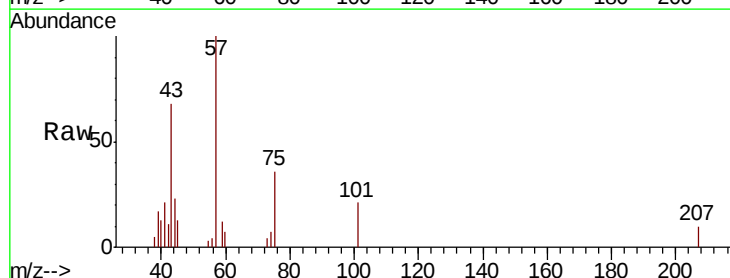
Tgt Ion: 75 Resp: 3485

Ion Ratio Lower Upper

75 100

77 0.0 25.2 37.8#

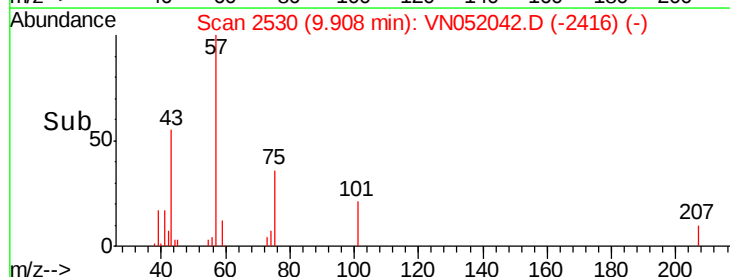
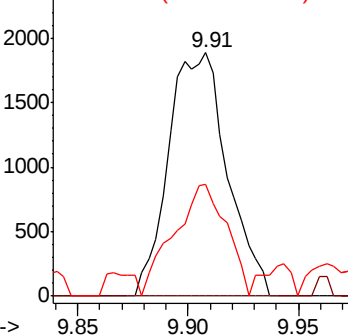
39 37.5 32.0 48.0

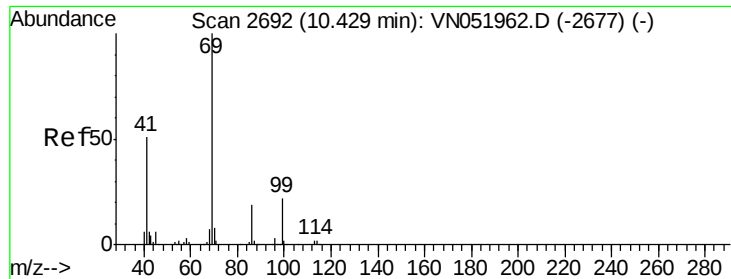


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

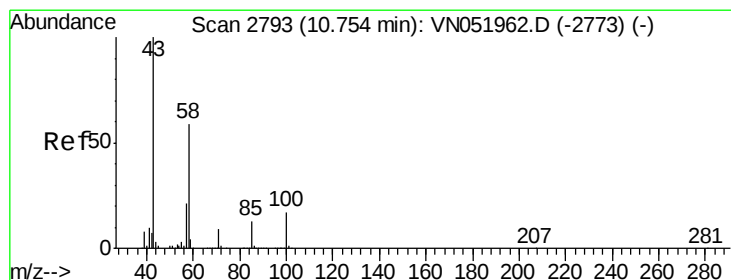
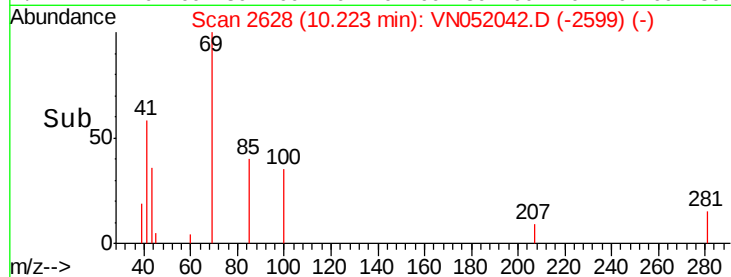
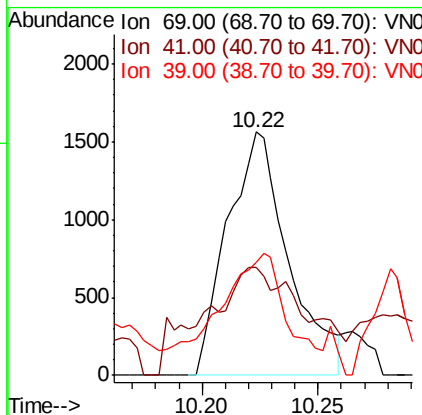
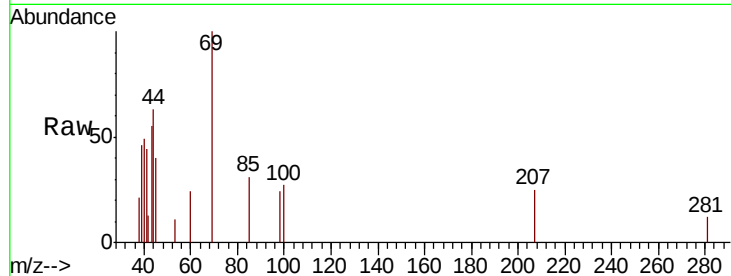




#56
Ethyl methacrylate
Concen: 0.254 ug/l
RT: 10.22 min Scan# 2628
Delta R.T. -0.21 min
Lab File: VN052042.D
Acq: 26 Oct 2018 21:27

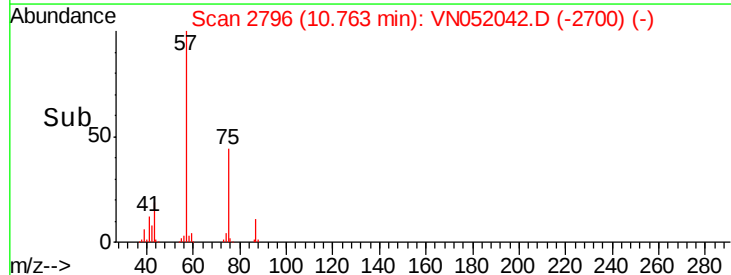
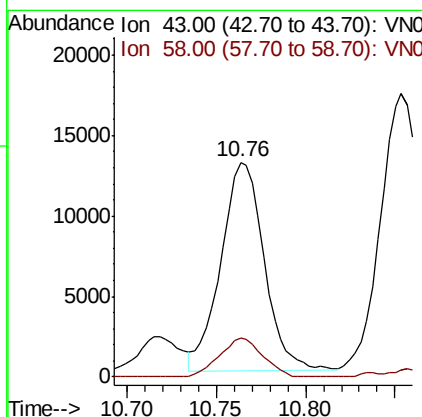
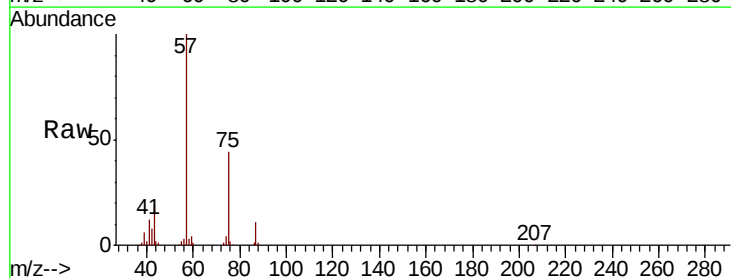
Instrument :
MSVOA_N
ClientSampled :
TR-05-102518

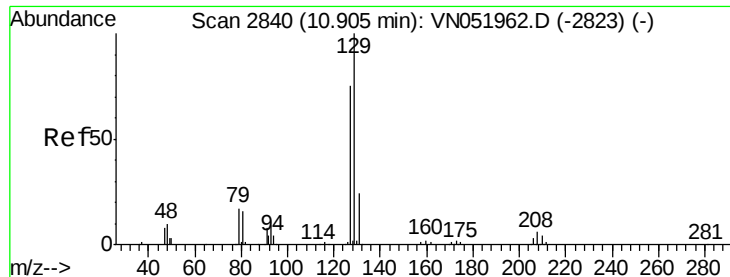
Tot Ion: 69 Resp: 2864
Ion Ratio Lower Upper
69 100
41 54.0 40.7 61.1
39 34.9 29.3 43.9



#59
2-Hexanone
Concen: 5.013 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052042.D
Acq: 26 Oct 2018 21:27

Tgt Ion: 43 Resp: 21841
Ion Ratio Lower Upper
43 100
58 18.5 29.9 89.8#





#60

Dibromochloromethane

Concen: 1.980 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. -0.28 min

Lab File: VN052042.D

Acq: 26 Oct 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

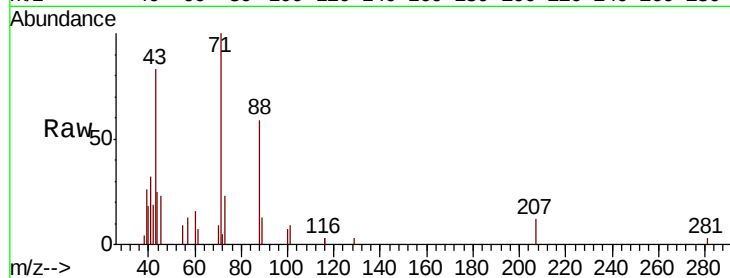
TR-05-102518

Tot Ion:129 Resp: 31

Ion Ratio Lower Upper

129 100

127 0.0 38.0 114.0#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.63

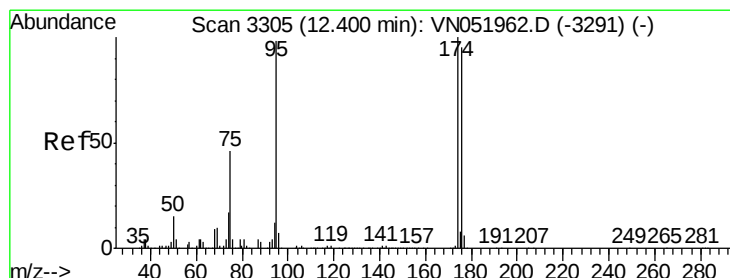
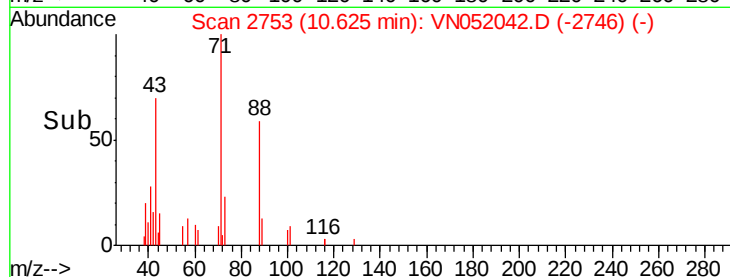
150

100

50

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052042.D

Acq: 26 Oct 2018 21:27

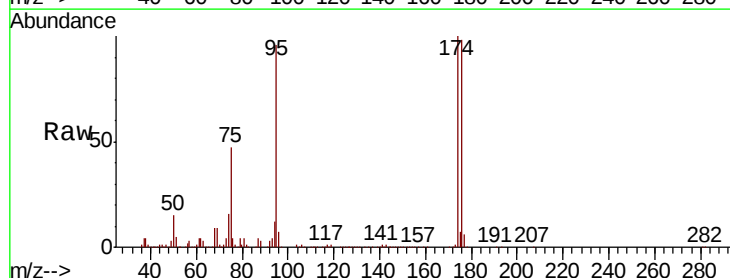
Tgt Ion: 95 Resp: 794056

Ion Ratio Lower Upper

95 100

174 105.9 0.0 206.0

176 103.7 0.0 198.0



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

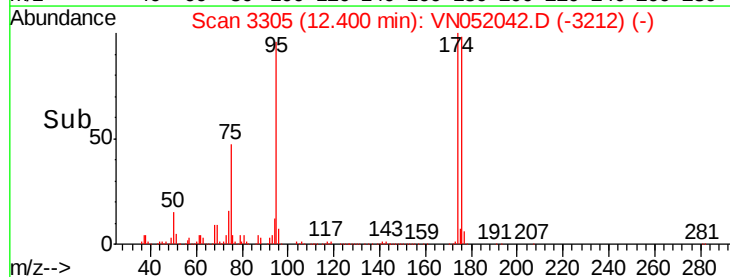
600000

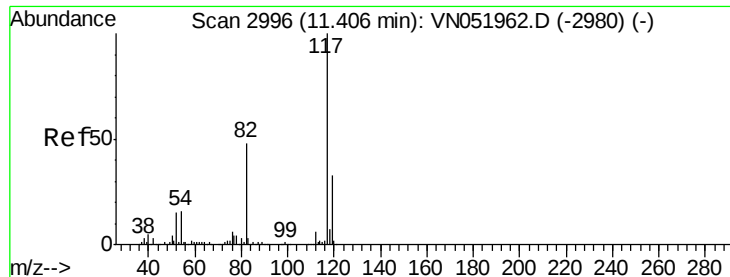
400000

200000

0

Time-->

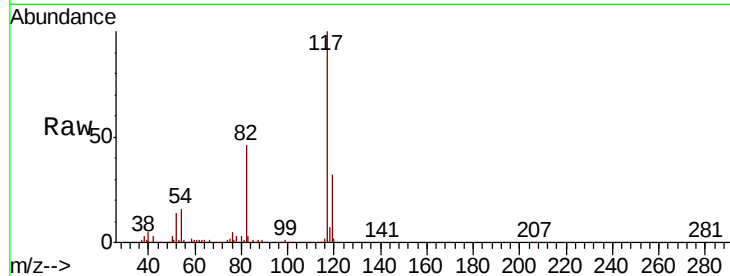




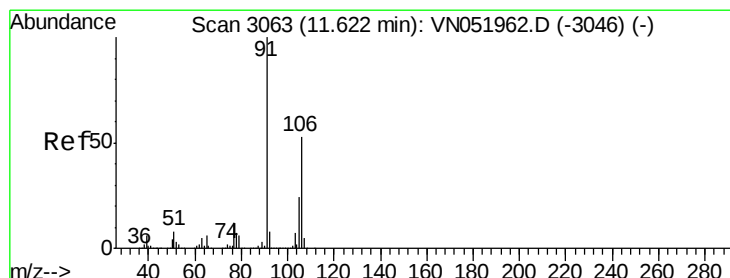
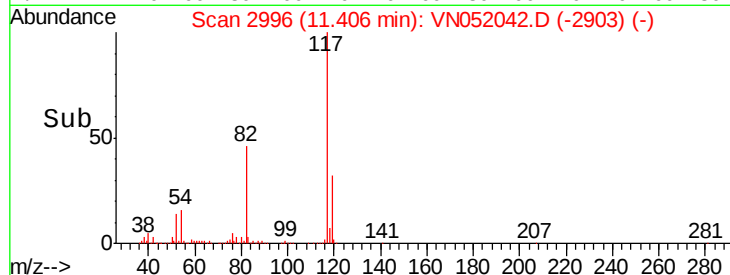
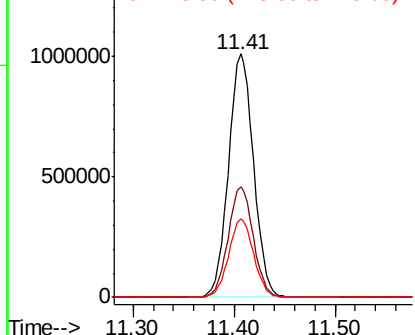
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052042.D
Acq: 26 Oct 2018 21:27

Instrument :
MSVOA_N
ClientSampled :
TR-05-102518

Tot Ion:117 Resp: 1748186
Ion Ratio Lower Upper
117 100
82 45.6 38.1 57.1
119 32.3 26.4 39.6

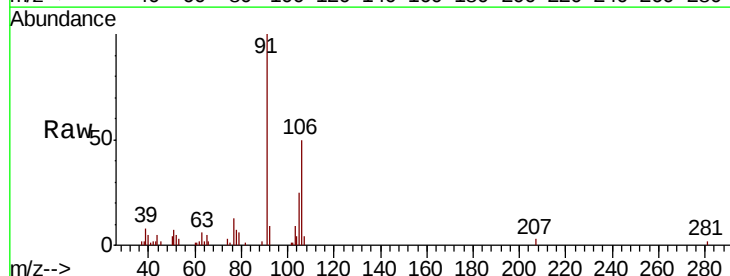


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

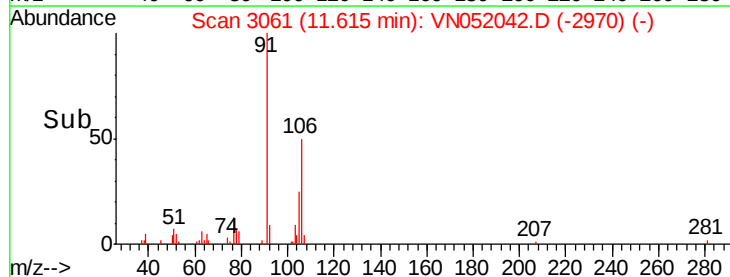
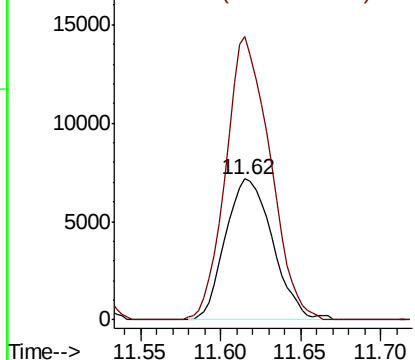


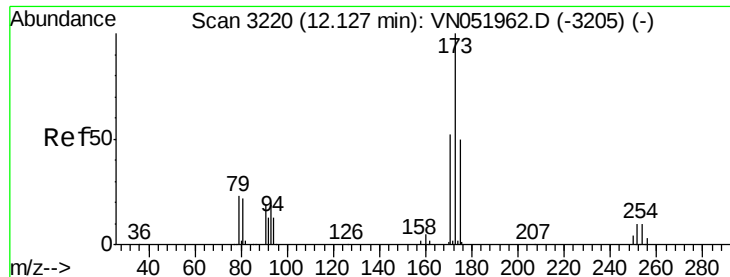
#68
m/p-Xylenes
Concen: 0.639 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN052042.D
Acq: 26 Oct 2018 21:27

Tgt Ion:106 Resp: 14487
Ion Ratio Lower Upper
106 100
91 188.2 152.2 228.2



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

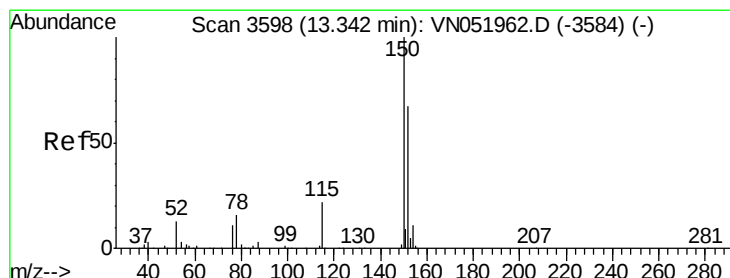
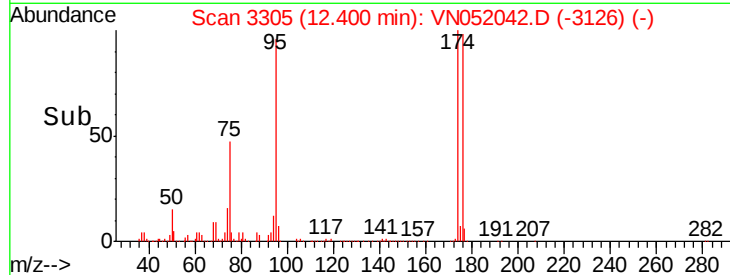
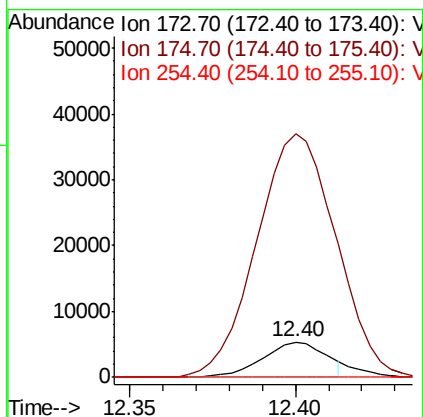
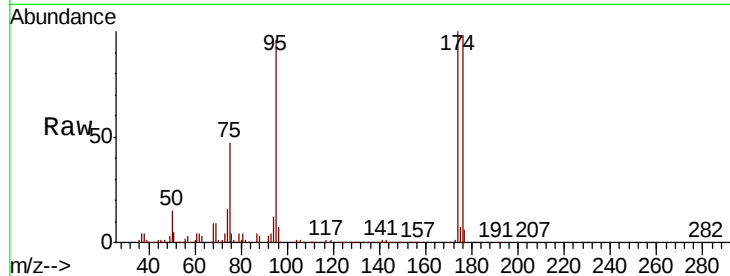




#71
 Bromoform
 Concen: 4.392 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.27 min
 Lab File: VN052042.D
 Acq: 26 Oct 2018 21:27

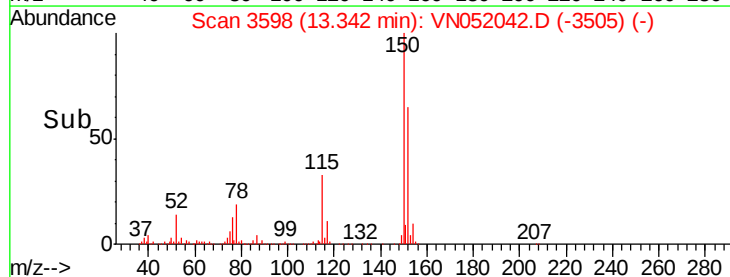
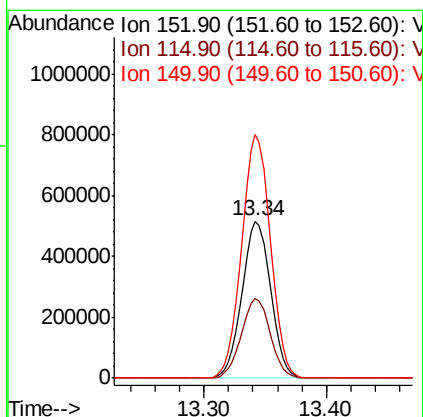
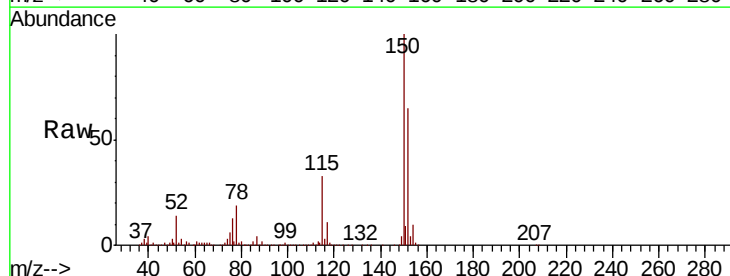
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-102518

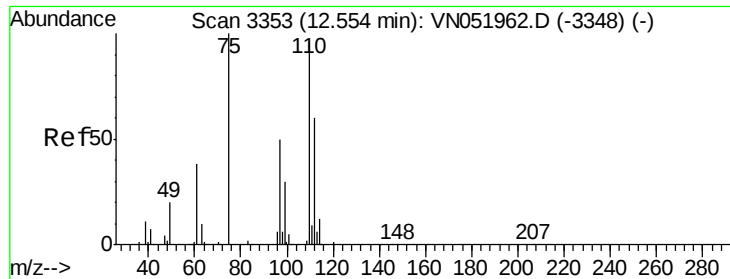
Tot Ion:173 Resp: 7087
 Ion Ratio Lower Upper
 173 100
 175 783.3 24.6 74.0#
 254 0.0 0.1 0.1#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN052042.D
 Acq: 26 Oct 2018 21:27

Tgt Ion:152 Resp: 829473
 Ion Ratio Lower Upper
 152 100
 115 51.4 25.8 77.3
 150 155.8 0.0 344.4

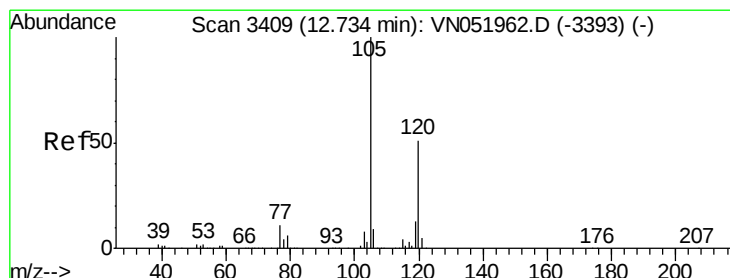
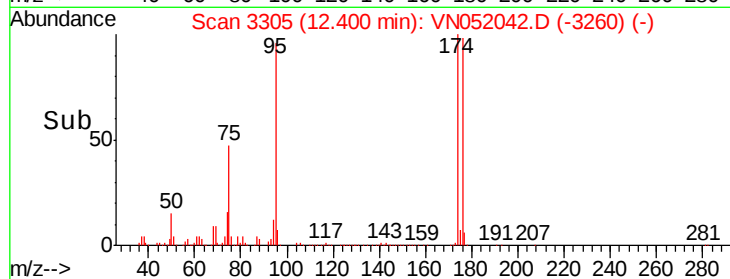
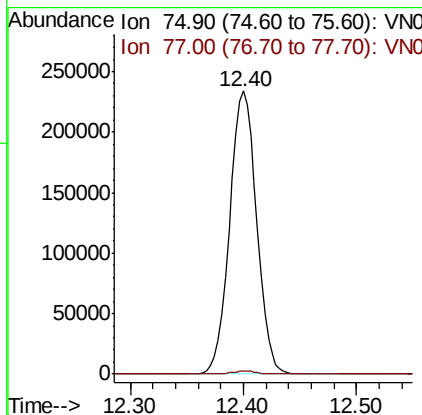
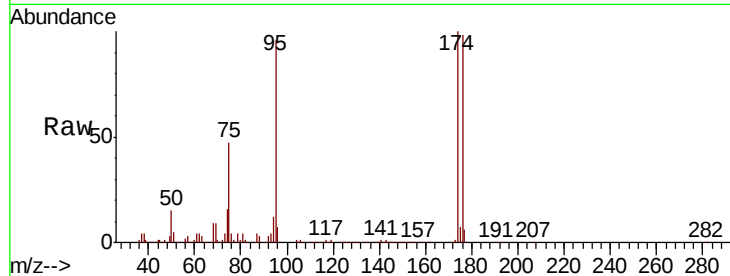




#76
 1,2,3-Trichloropropane
 Concen: 45.178 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN052042.D
 Acq: 26 Oct 2018 21:27

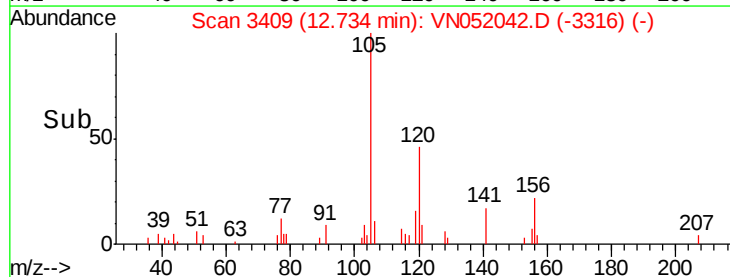
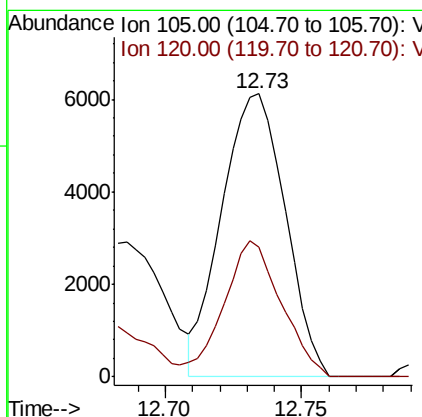
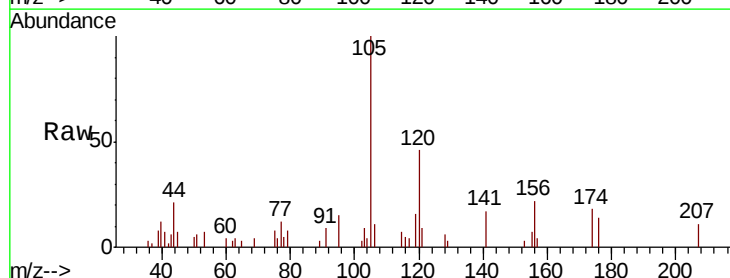
Instrument :
 MSVOA_N
 ClientSampled :
 TR-05-102518

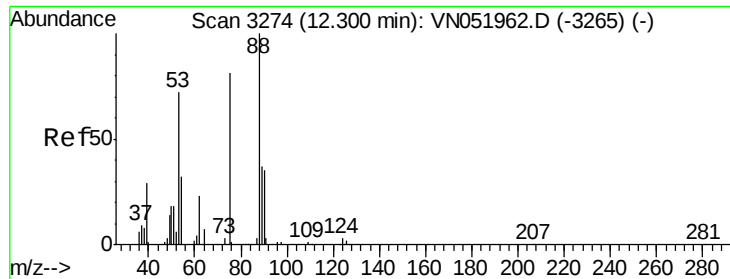
Tot Ion: 75 Resp: 387081
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.235 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN052042.D
 Acq: 26 Oct 2018 21:27

Tgt Ion: 105 Resp: 9901
 Ion Ratio Lower Upper
 105 100
 120 43.6 25.7 77.1





#81

trans-1,4-Dichloro-2-butene

Concen: 142.182 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052042.D

Acq: 26 Oct 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

TR-05-102518

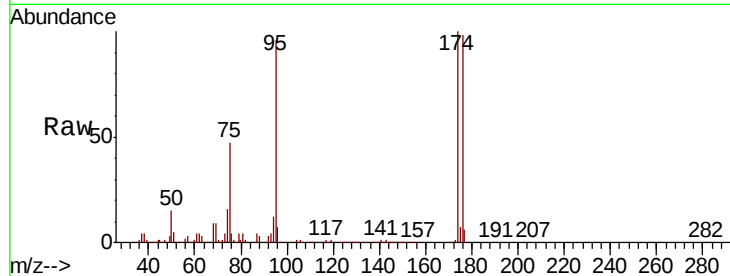
Tot Ion: 75 Resp: 387081

Ion Ratio Lower Upper

75 100

53 0.0 73.5 110.3#

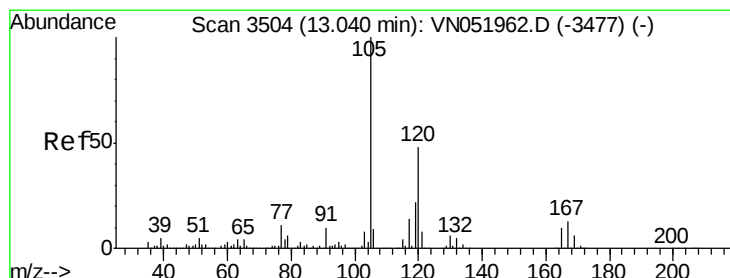
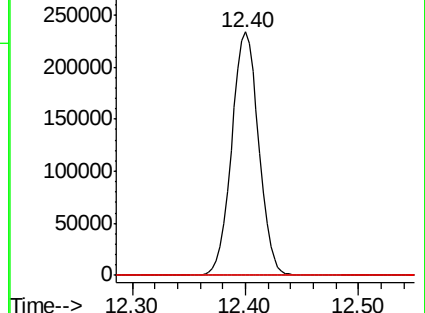
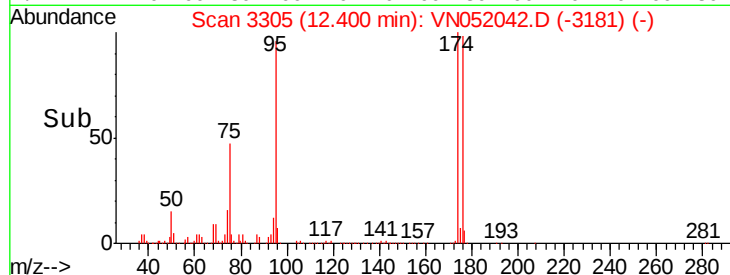
89 0.0 41.6 62.4#



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: 0.438 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN052042.D

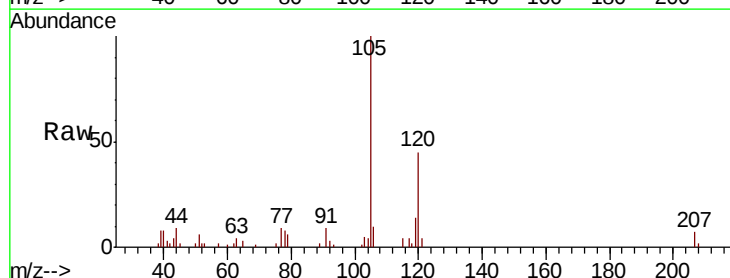
Acq: 26 Oct 2018 21:27

Tgt Ion: 105 Resp: 19068

Ion Ratio Lower Upper

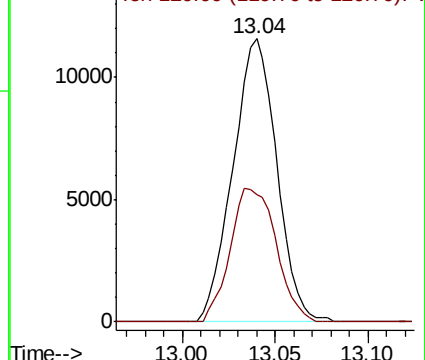
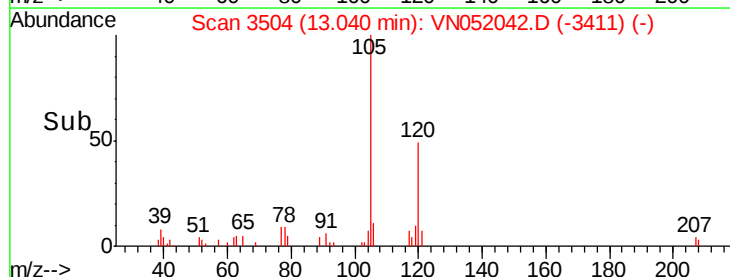
105 100

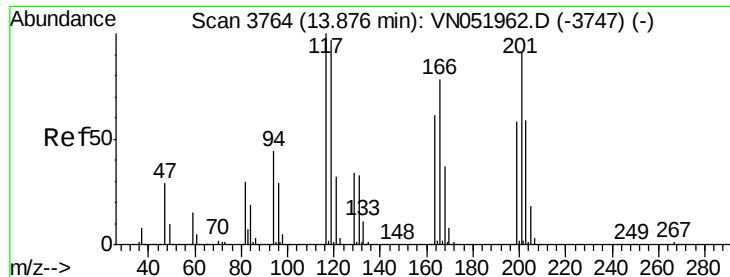
120 49.3 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: 0.361 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN052042.D

Acq: 26 Oct 2018 21:27

Instrument :

MSVOA_N

ClientSampled :

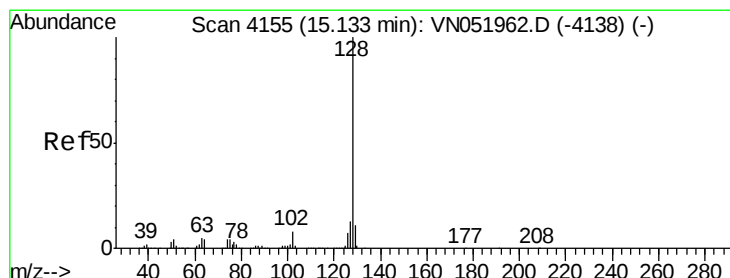
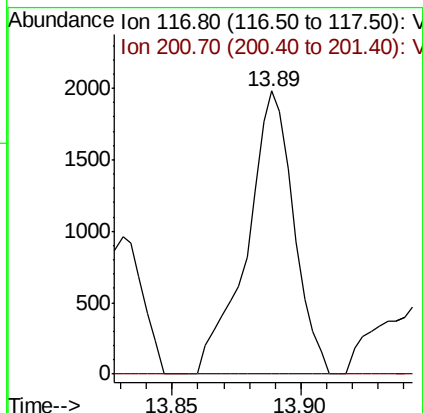
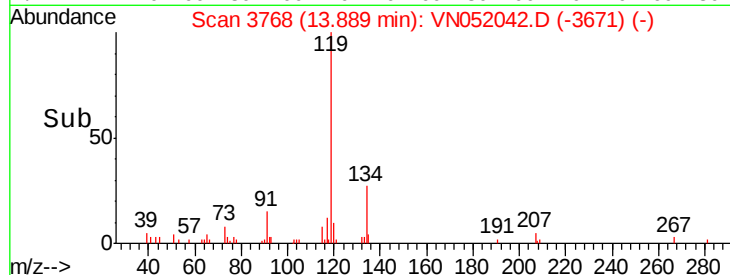
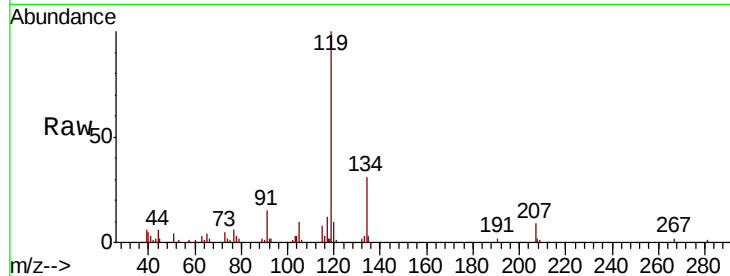
TR-05-102518

Tot Ion:117 Resp: 2522

Ion Ratio Lower Upper

117 100

201 0.0 45.6 136.9#



#95

Naphthalene

Concen: 6.065 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052042.D

Acq: 26 Oct 2018 21:27

Tgt Ion:128 Resp: 201534

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.5 8.6 13.0

