

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052819\
 Data File : VN055861.D
 Acq On : 28 May 2019 18:42
 Operator : JC/SP
 Sample : K3041-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-D

Quant Time: May 29 05:40:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	444976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	619925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	559542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	206155	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	202978	44.17	ug/l	0.00
Spiked Amount			Recovery	=	88.34%	
35) Dibromofluoromethane	7.59	113	186178	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	
50) Toluene-d8	10.09	98	741347	49.31	ug/l	0.00
Spiked Amount			Recovery	=	98.62%	
62) 4-Bromofluorobenzene	12.40	95	235156	45.62	ug/l	0.00
Spiked Amount			Recovery	=	91.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	136	0.216	ug/l	89
14) Allyl chloride	4.54	41	9903	1.526	ug/l #	26
16) Acetone	3.82	43	40697	20.147	ug/l	99
17) Carbon Disulfide	4.04	76	2744	0.255	ug/l #	74
18) Methyl Acetate	4.33	43	3447	Below Cal	#	83
20) Methylene Chloride	4.55	84	288720	65.998	ug/l	97
25) 2-Butanone	6.85	43	12063	4.276	ug/l	98
29) Tetrahydrofuran	7.21	42	456	0.255	ug/l #	35
30) Chloroform	7.37	83	4550	0.621	ug/l	96
31) Cyclohexane	7.67	56	6207	0.900	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	25012	4.630	ug/l #	48
37) Ethyl Acetate	6.85	43	12063	2.310	ug/l #	67
38) Carbon Tetrachloride	7.66	117	36123	6.419	ug/l #	15
41) Methacrylonitrile	7.23	41	959	0.364	ug/l #	28
43) Isopropyl Acetate	8.17	43	12028	1.371	ug/l #	88
48) Methyl methacrylate	9.18	41	7486	1.851	ug/l #	20
51) 4-Methyl-2-Pentanone	9.99	43	4760	0.919	ug/l #	86
54) cis-1,3-Dichloropropene	9.90	75	45109	6.687	ug/l #	59
57) 1,3-Dichloropropane	10.76	76	5657	0.848	ug/l #	42
59) 2-Hexanone	10.76	43	75514	20.544	ug/l #	50
67) Ethyl Benzene	11.51	91	4896	0.244	ug/l	95
68) m/p-Xylenes	11.62	106	3052	0.402	ug/l	95
71) Bromoform	12.40	173	1785	0.468	ug/l #	1
73) Isopropylbenzene	12.24	105	627	Below Cal	#	48
74) N-amyl acetate	12.04	43	704	Below Cal	#	43
76) 1,2,3-Trichloropropane	12.40	75	107691	29.016	ug/l #	100
79) 2-Chlorotoluene	12.68	91	428	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	4505	Below Cal		94
81) trans-1,4-Dichloro-2-buten	12.40	75	107691	70.285	ug/l #	15
83) tert-Butylbenzene	12.99	119	59	Below Cal	#	28
84) 1,2,4-Trimethylbenzene	13.04	105	10947	Below Cal		99
85) sec-Butylbenzene	13.17	105	777	Below Cal	#	55
93) 1,2,4-Trichlorobenzene	14.91	180	374	3.724	ug/l #	79
95) Naphthalene	15.13	128	31448	3.298	ug/l	100

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QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

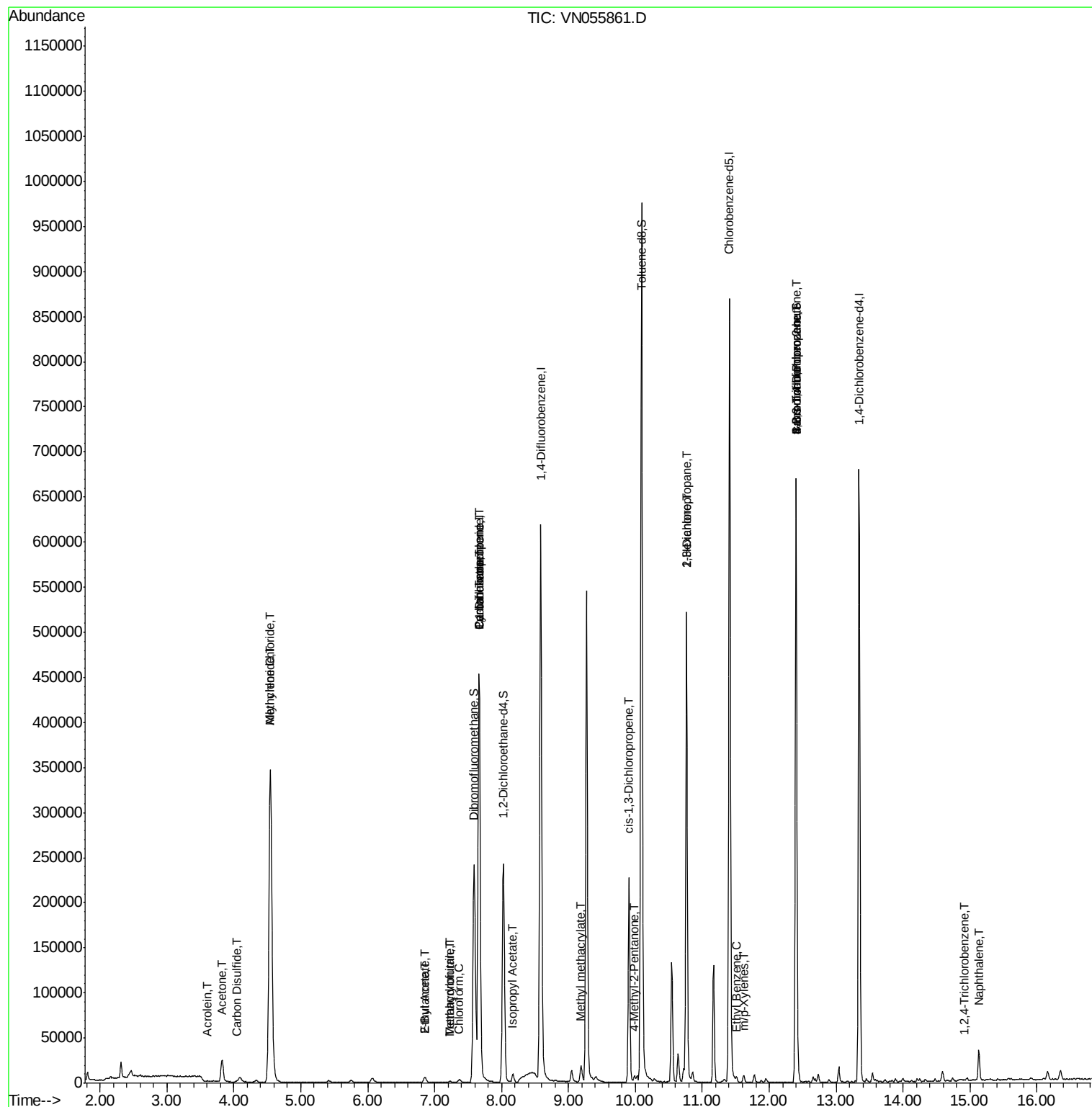
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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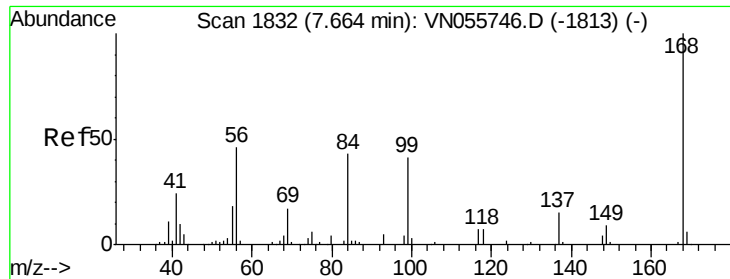
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055861.D

Acq: 28 May 2019 18:42

Instrument :

MSVOA_N

ClientSampled :

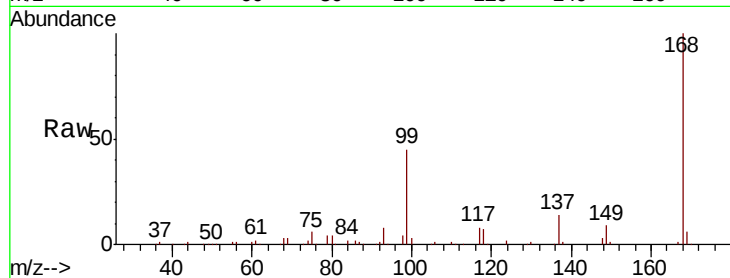
TP-2-D

Tot Ion:168 Resp: 444976

Ion Ratio Lower Upper

168 100

99 44.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

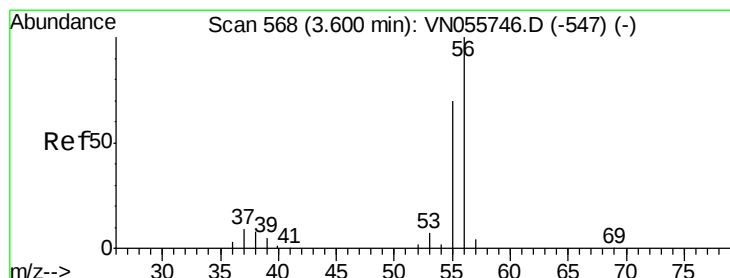
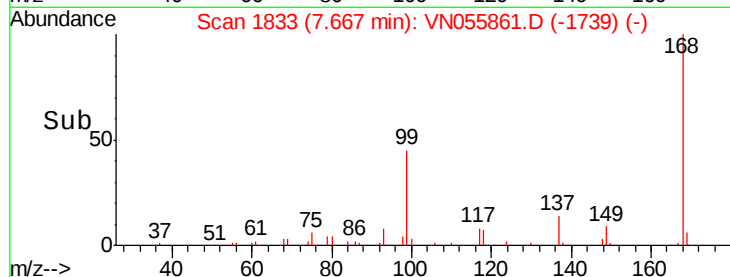
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#13

Acrolein

Concen: 0.216 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.01 min

Lab File: VN055861.D

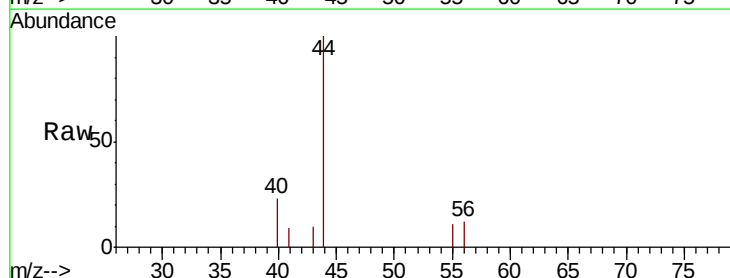
Acq: 28 May 2019 18:42

Tgt Ion: 56 Resp: 136

Ion Ratio Lower Upper

56 100

55 77.9 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

200

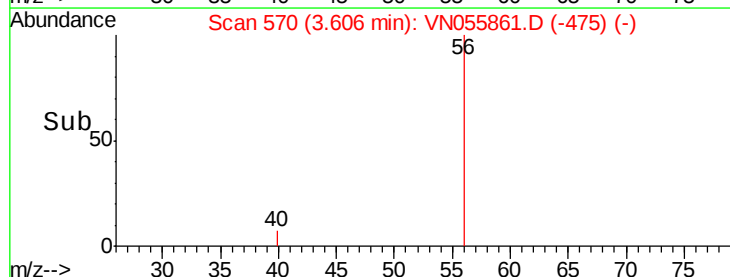
150

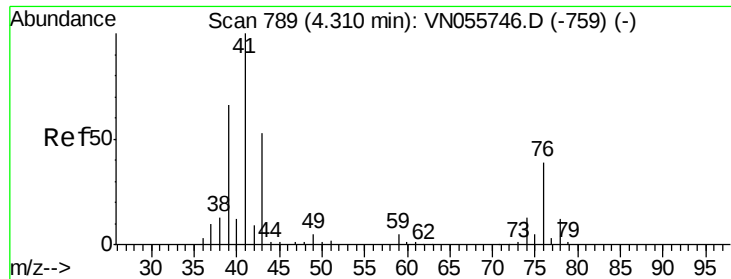
100

50

0

Time--> 3.59 3.60 3.61 3.62

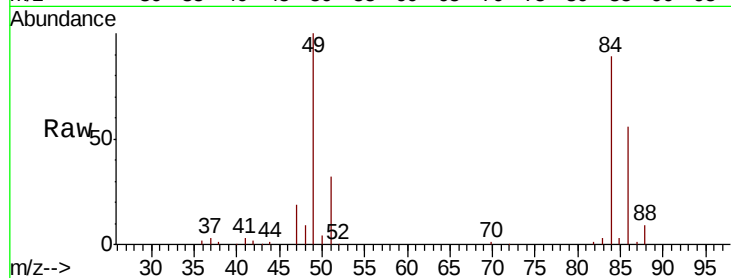




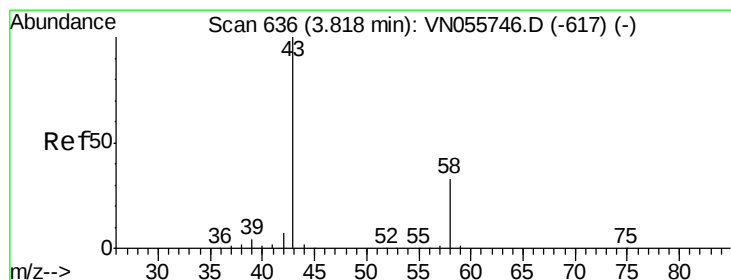
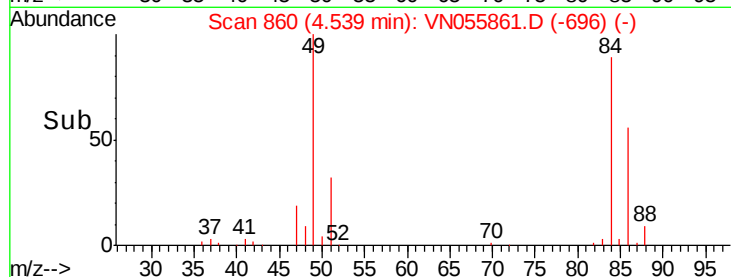
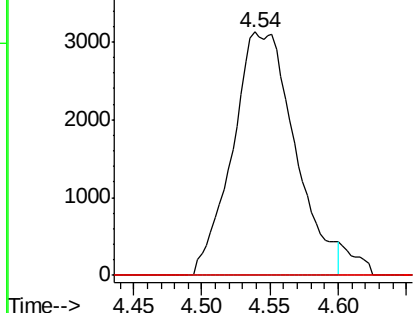
#14
Allv1 chloride
Concen: 1.526 ug/l
RT: 4.54 min Scan# 860
Delta R.T. 0.23 min
Lab File: VN055861.D
Acq: 28 May 2019 18:42

Instrument :
MSVOA_N
ClientSampleId :
TP-2-D

Tot Ion: 41 Resp: 9903
Ion Ratio Lower Upper
41 100
39 0.0 50.0 75.0#
76 0.0 28.2 42.2#

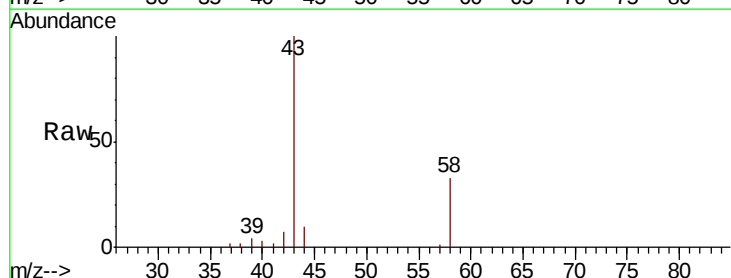


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 75.90 (75.60 to 76.60): VN0

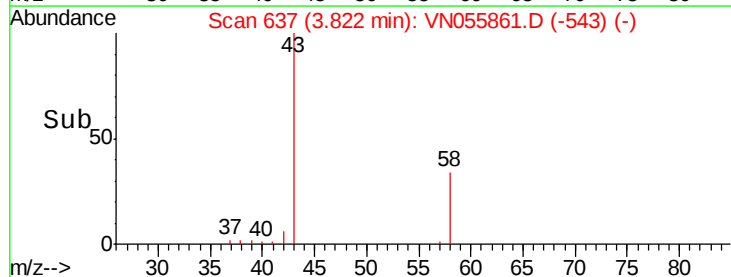
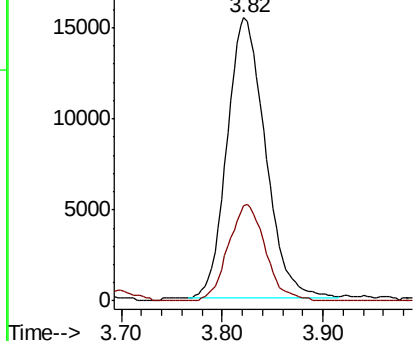


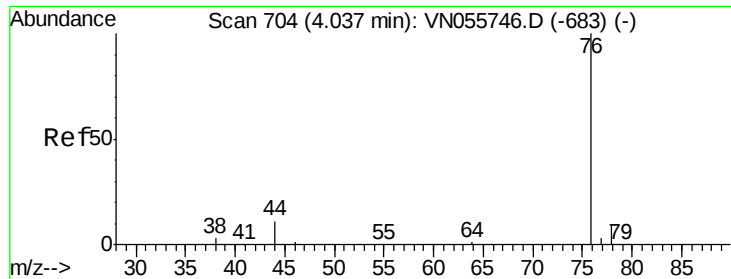
#16
Acetone
Concen: 20.147 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN055861.D
Acq: 28 May 2019 18:42

Tgt Ion: 43 Resp: 40697
Ion Ratio Lower Upper
43 100
58 33.8 26.6 39.8



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

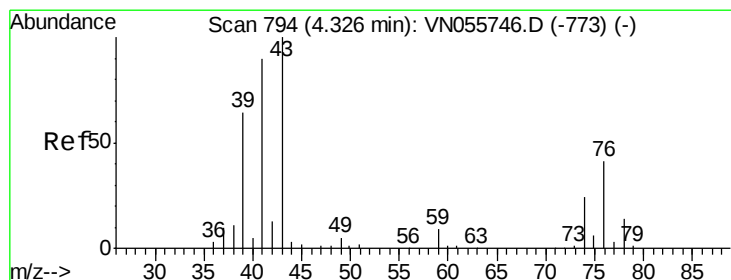
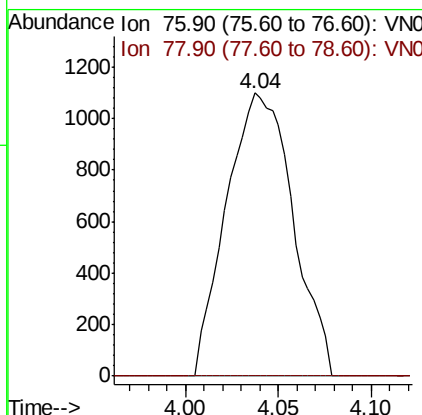
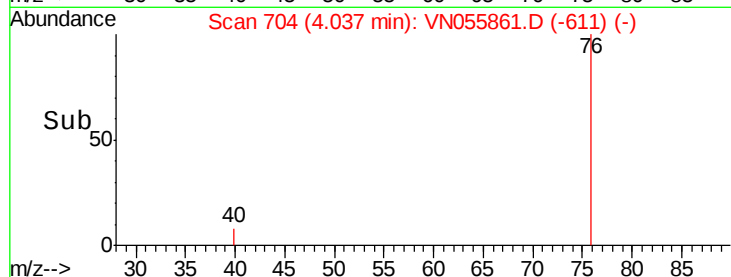
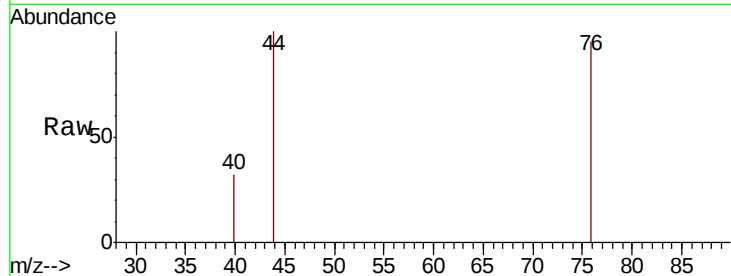




#17
Carbon Disulfide
Concen: 0.255 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN055861.D
Acq: 28 May 2019 18:42

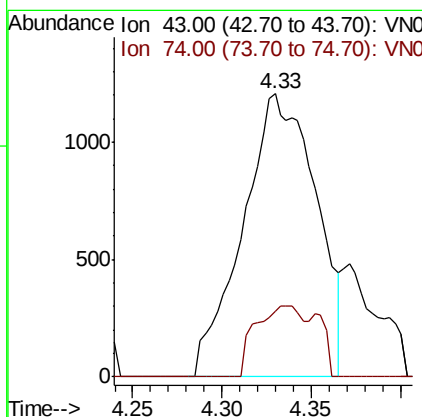
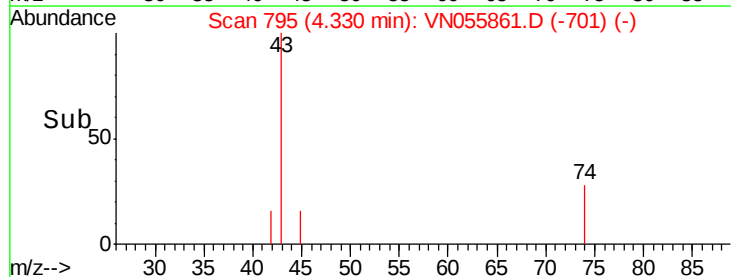
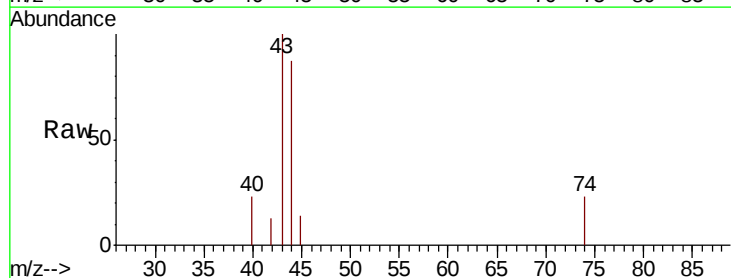
Instrument :
MSVOA_N
ClientSampled :
TP-2-D

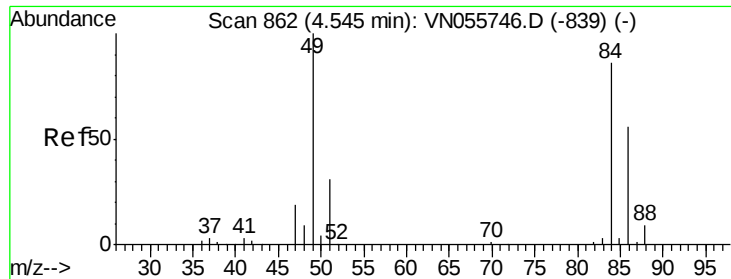
Tot Ion: 76 Resp: 2744
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055861.D
Acq: 28 May 2019 18:42

Tgt Ion: 43 Resp: 3447
Ion Ratio Lower Upper
43 100
74 15.8 19.3 28.9#

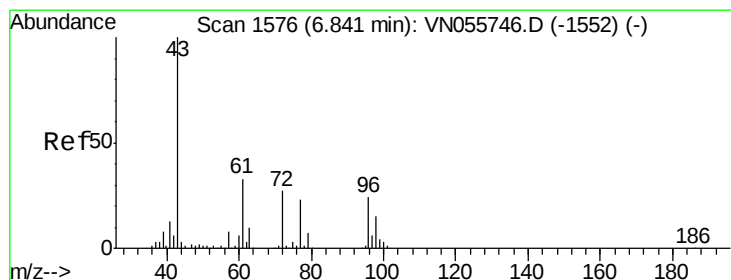
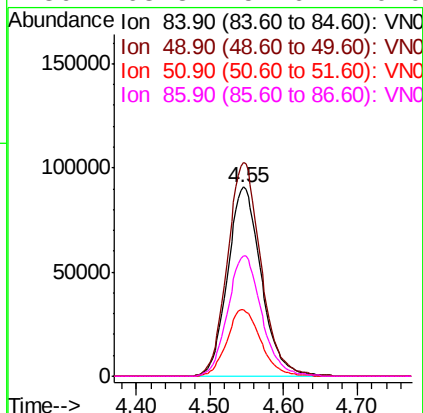
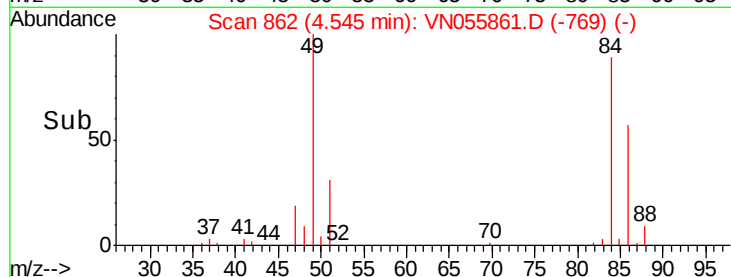
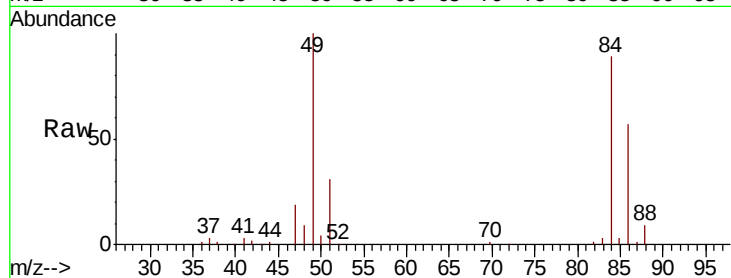




#20
Methvlene Chloride
Concen: 65.998 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055861.D
Acq: 28 May 2019 18:42

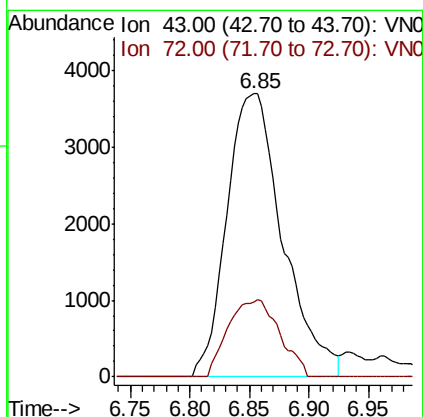
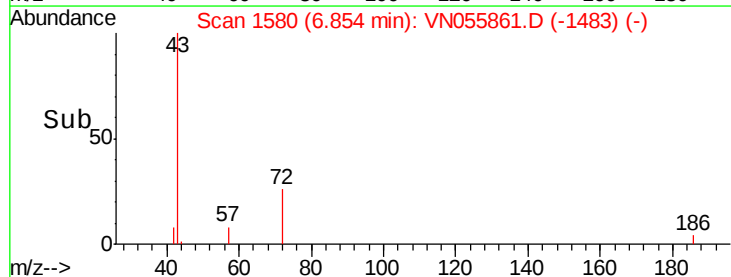
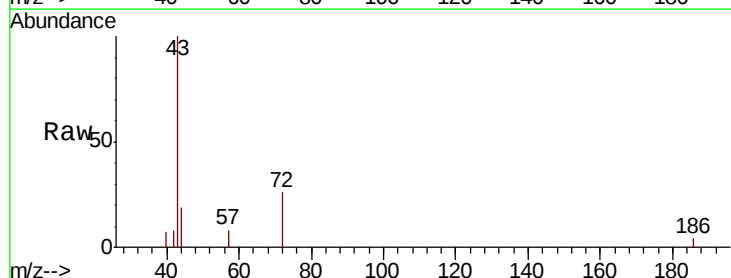
Instrument :
MSVOA_N
ClientSampleId :
TP-2-D

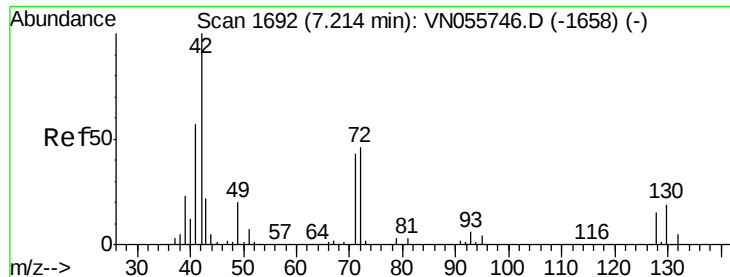
Tot Ion:	84	Resp:	288720
Ion	Ratio	Lower	Upper
84	100		
49	112.9	93.5	140.3
51	34.9	28.6	43.0
86	63.8	52.6	79.0



#25
2-Butanone
Concen: 4.276 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN055861.D
Acq: 28 May 2019 18:42

Tgt Ion:	43	Resp:	12063
Ion	Ratio	Lower	Upper
43	100		
72	26.5	21.9	32.9





#29

Tetrahydrofuran

Concen: 0.255 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN055861.D

Acq: 28 May 2019 18:42

Instrument :

MSVOA_N

ClientSampled :

TP-2-D

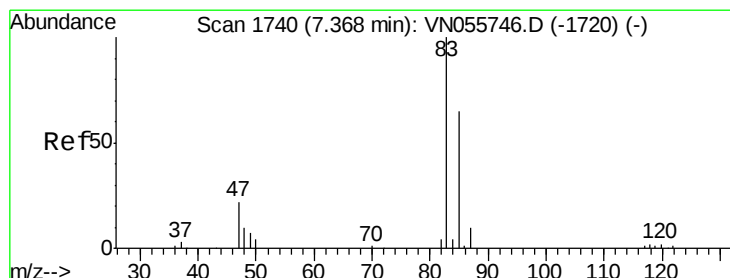
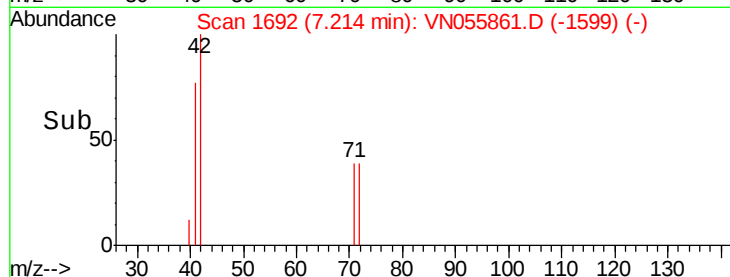
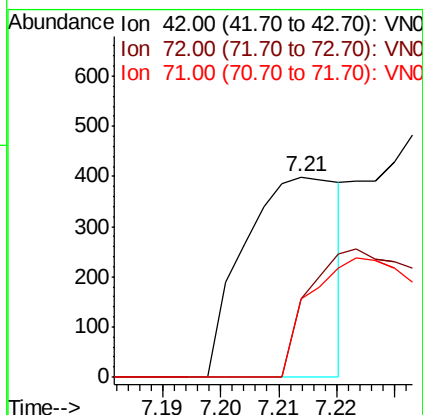
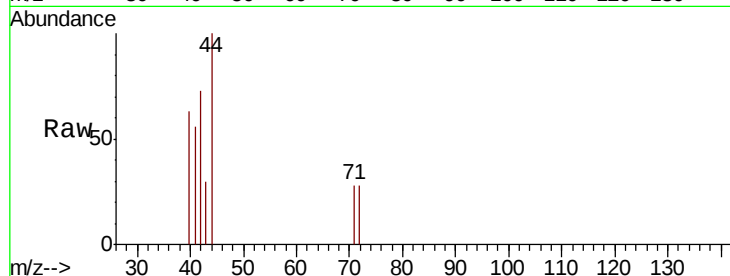
Tot Ion: 42 Resp: 456

Ion Ratio Lower Upper

42 100

72 89.9 35.9 53.9#

71 80.7 34.0 51.0#



#30

Chloroform

Concen: 0.621 ug/l

RT: 7.37 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VN055861.D

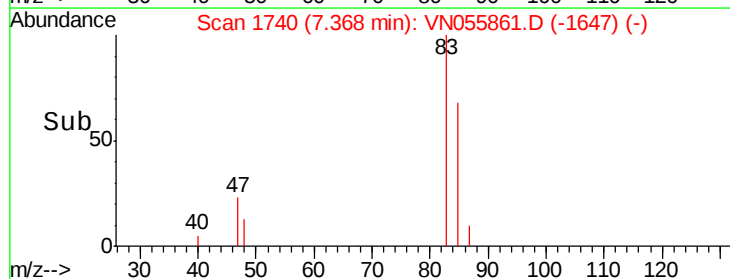
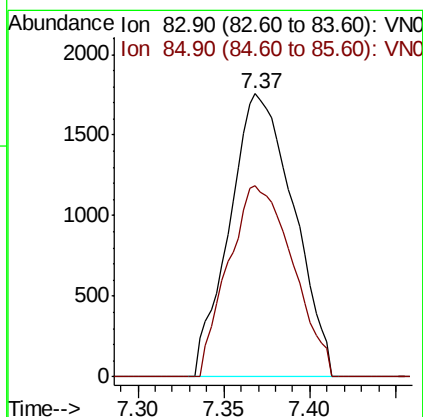
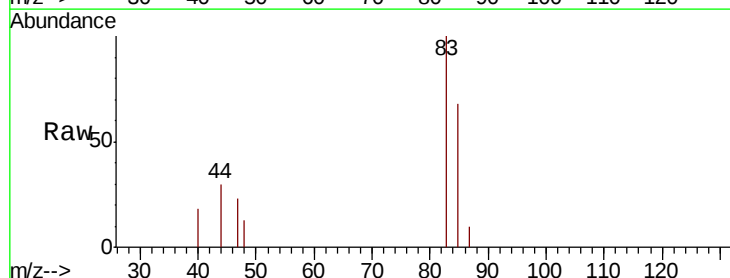
Acq: 28 May 2019 18:42

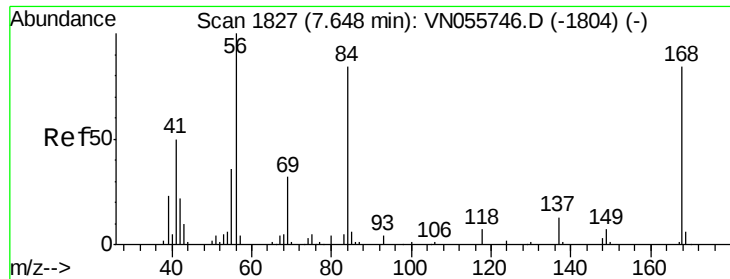
Tgt Ion: 83 Resp: 4550

Ion Ratio Lower Upper

83 100

85 67.6 51.8 77.8

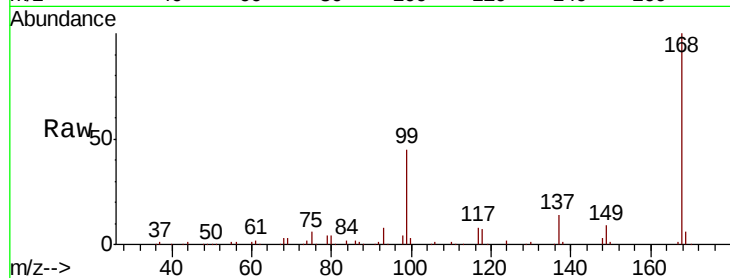




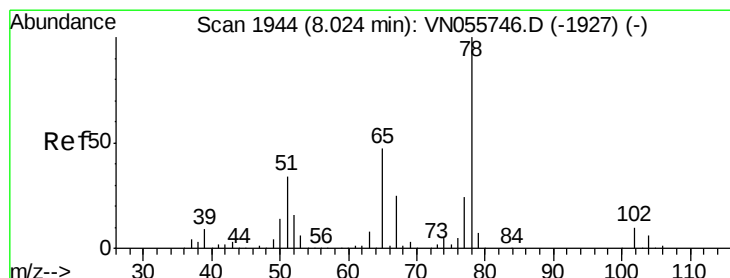
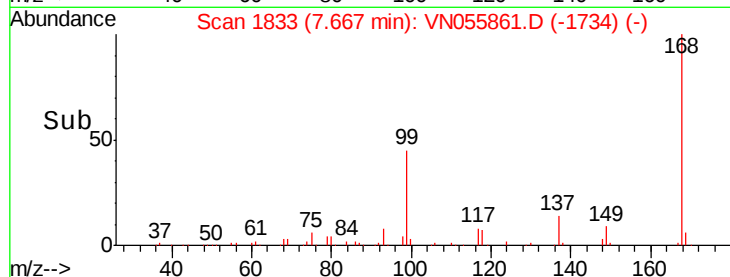
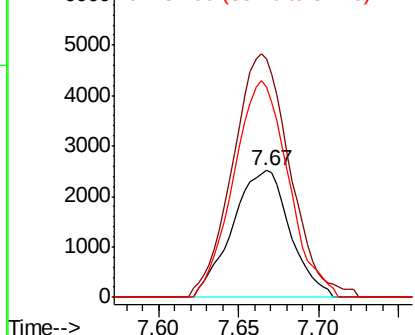
#31
Cyclohexane
Concen: 0.900 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN055861.D
Acq: 28 May 2019 18:42

Instrument :
MSVOA_N
ClientSampleId :
TP-2-D

Tot Ion: 56 Resp: 6207
Ion Ratio Lower Upper
56 100
69 188.0 25.6 38.4#
84 165.5 67.4 101.0#

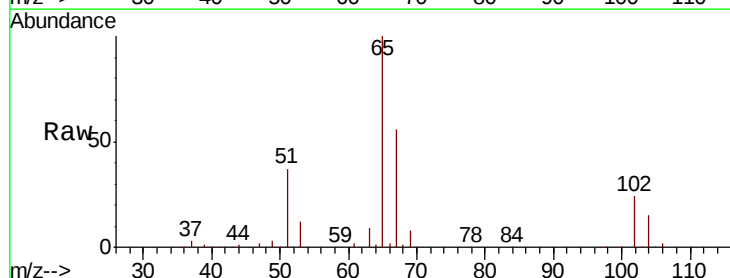


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

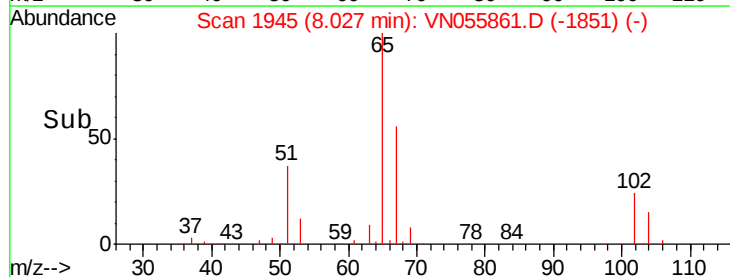
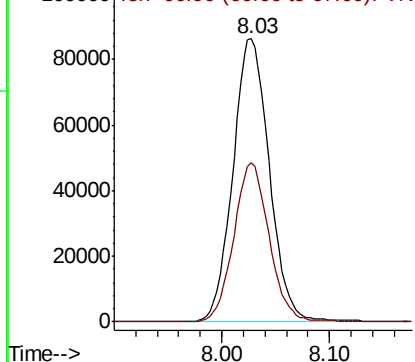


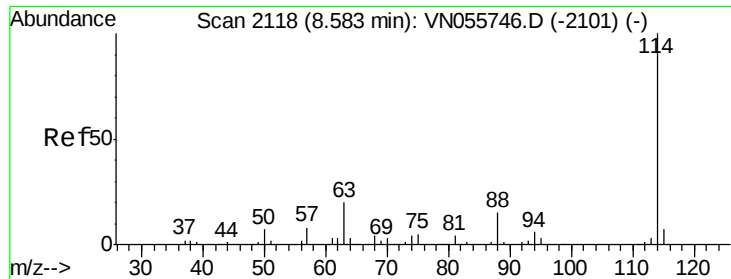
#33
1,2-Dichloroethane-d4
Concen: 44.170 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055861.D
Acq: 28 May 2019 18:42

Tgt Ion: 65 Resp: 202978
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

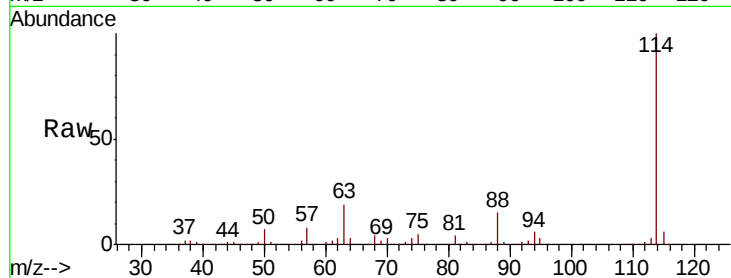




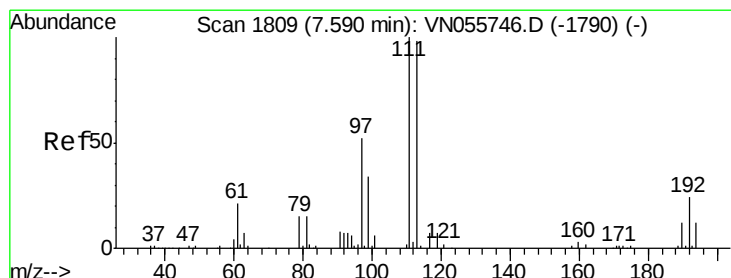
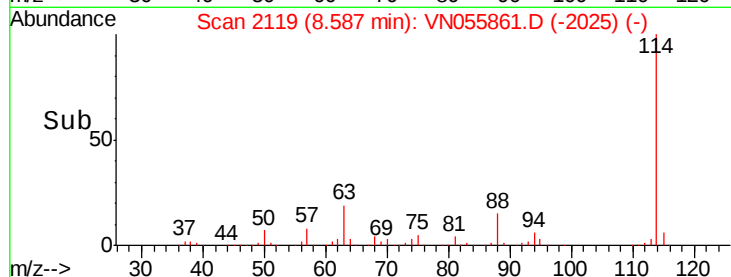
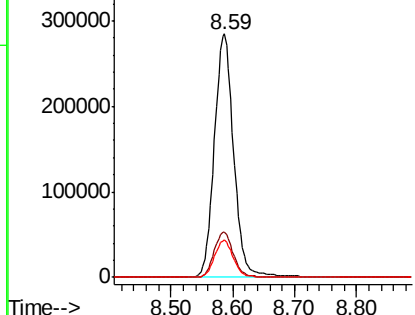
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055861.D
 Acq: 28 May 2019 18:42

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-D

Tot Ion:114 Resp: 619925
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 15.2 0.0 31.0

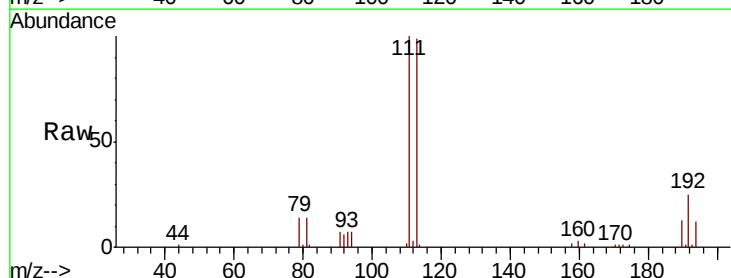


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

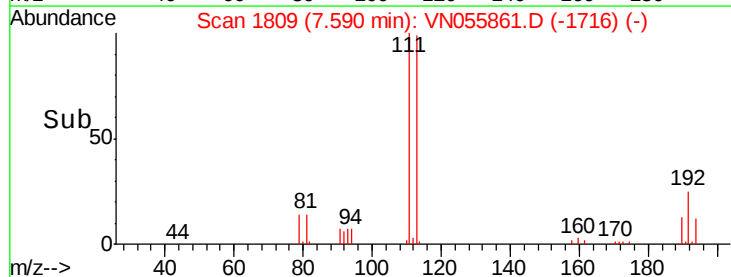
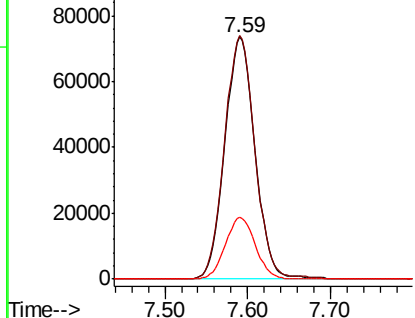


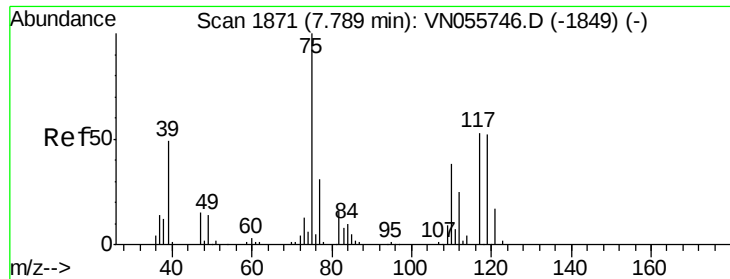
#35
 Dibromofluoromethane
 Concen: 47.502 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055861.D
 Acq: 28 May 2019 18:42

Tgt Ion:113 Resp: 186178
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.9 122.9
 192 25.4 19.5 29.3



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: 4.630 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN055861.D

Acq: 28 May 2019 18:42

Instrument :

MSVOA_N

ClientSampled :

TP-2-D

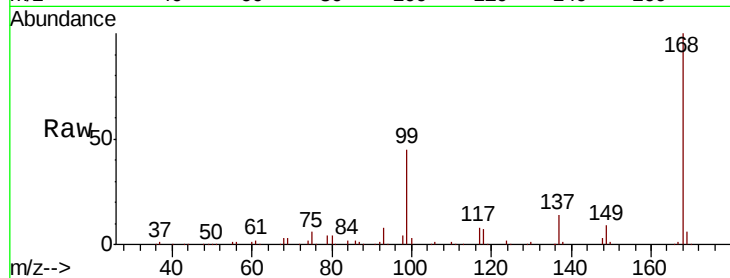
Tot Ion: 75 Resp: 25012

Ion Ratio Lower Upper

75 100

110 9.1 19.0 57.0#

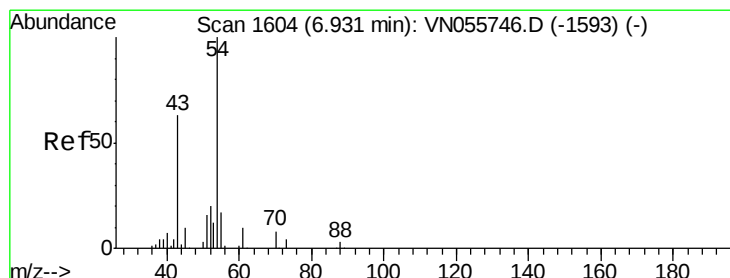
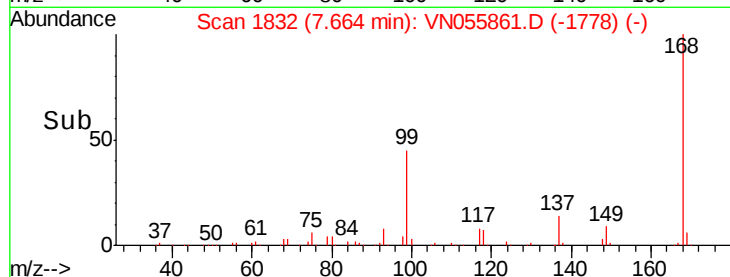
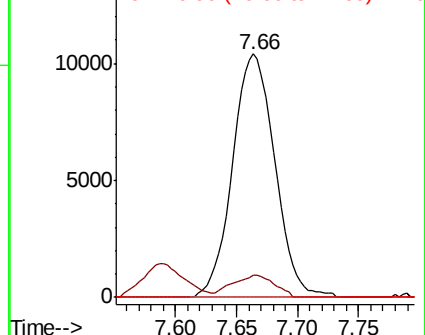
77 0.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 2.310 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. -0.08 min

Lab File: VN055861.D

Acq: 28 May 2019 18:42

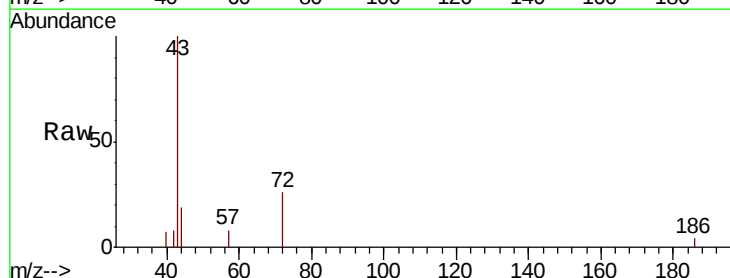
Tgt Ion: 43 Resp: 12063

Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.2#

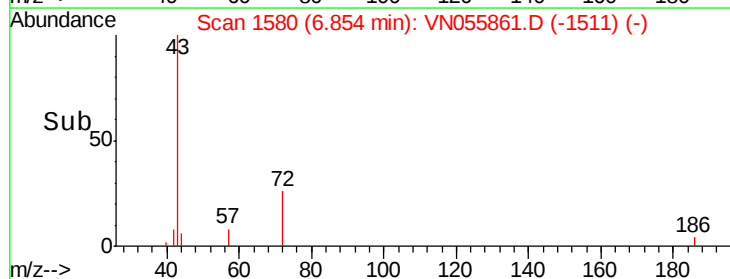
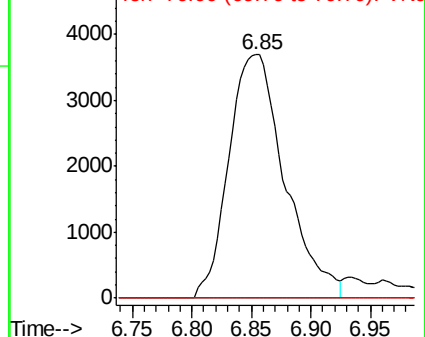
70 0.0 8.9 13.3#

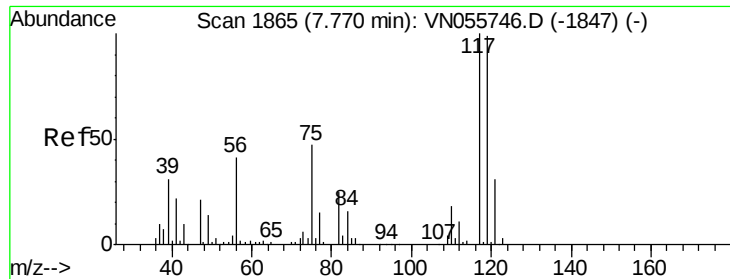


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 6.419 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN055861.D

Acq: 28 May 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

TP-2-D

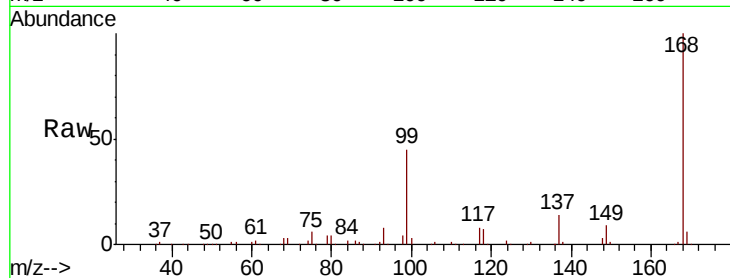
Tot Ion:117 Resp: 36123

Ion Ratio Lower Upper

117 100

119 4.9 79.0 118.6#

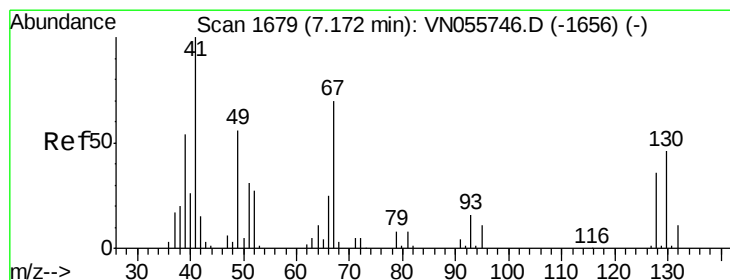
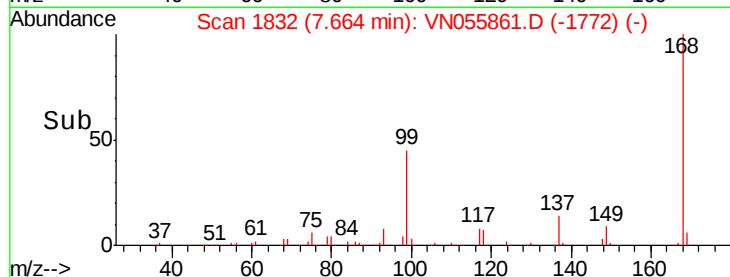
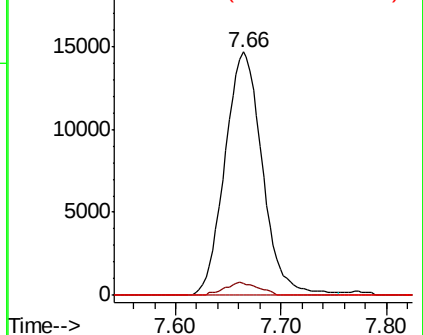
121 0.0 24.7 37.1#



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



#41

Methacrylonitrile

Concen: 0.364 ug/l

RT: 7.23 min Scan# 1697

Delta R.T. 0.06 min

Lab File: VN055861.D

Acq: 28 May 2019 18:42

Tgt Ion: 41 Resp: 959

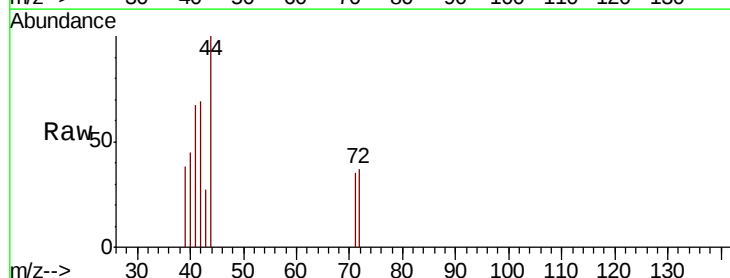
Ion Ratio Lower Upper

41 100

39 20.3 45.6 68.4#

67 0.0 67.7 101.5#

52 0.0 26.6 40.0#

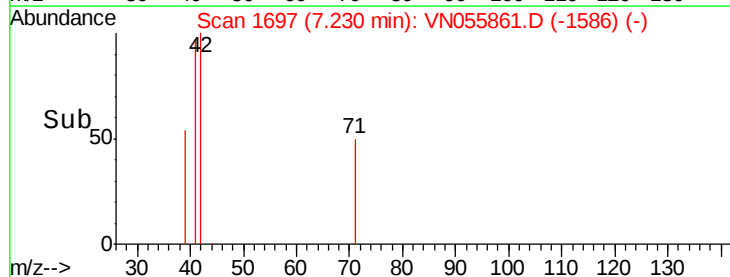
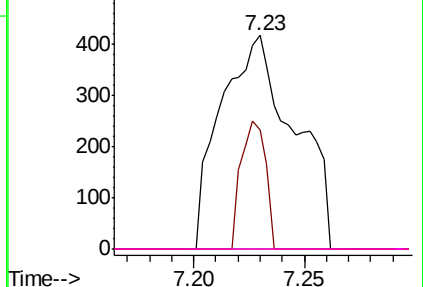


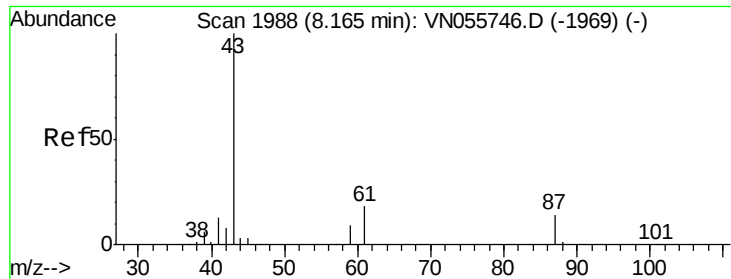
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 1.371 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055861.D

Acq: 28 May 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

TP-2-D

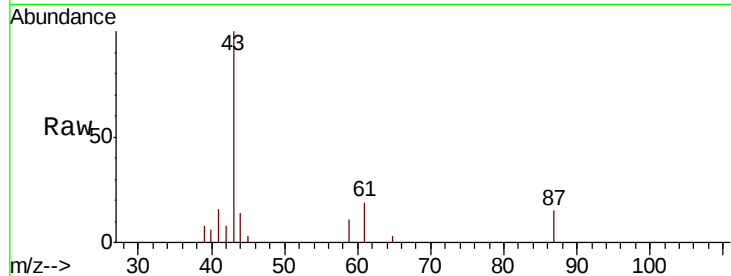
Tot Ion: 43 Resp: 12028

Ion Ratio Lower Upper

43 100

61 18.6 22.2 33.4#

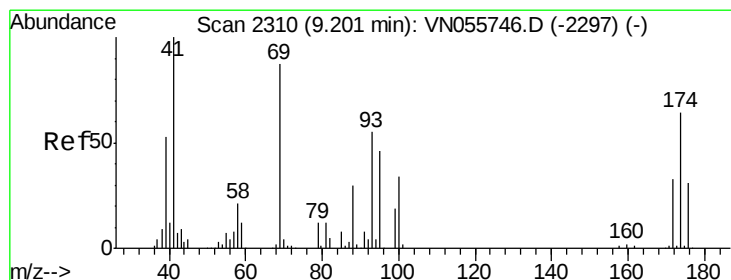
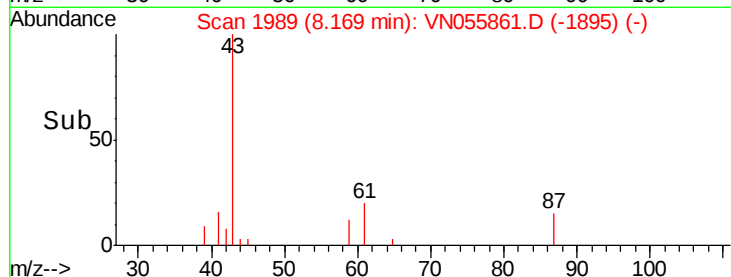
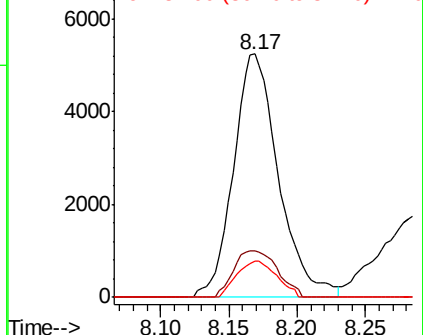
87 13.2 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#48

Methyl methacrylate

Concen: 1.851 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN055861.D

Acq: 28 May 2019 18:42

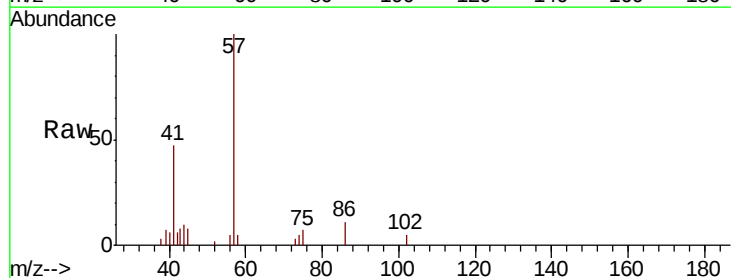
Tgt Ion: 41 Resp: 7486

Ion Ratio Lower Upper

41 100

69 0.0 71.0 106.6#

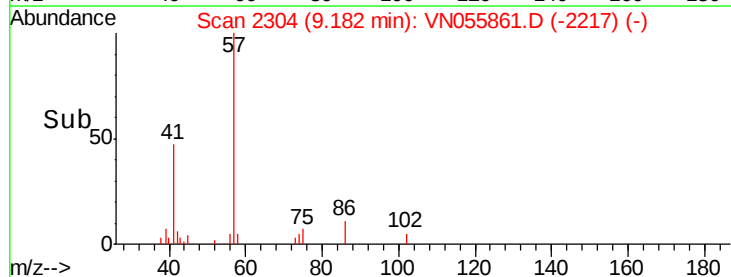
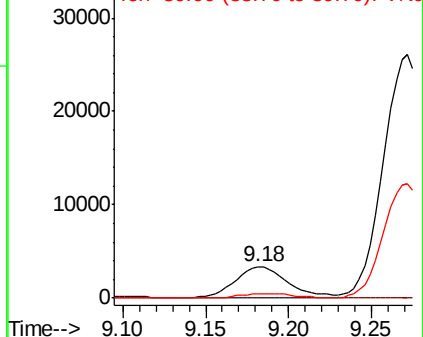
39 14.4 44.2 66.2#

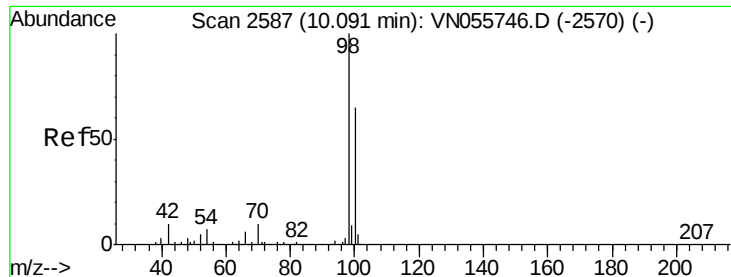


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 49.310 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055861.D

Acq: 28 May 2019 18:42

Instrument :

MSVOA_N

ClientSampled :

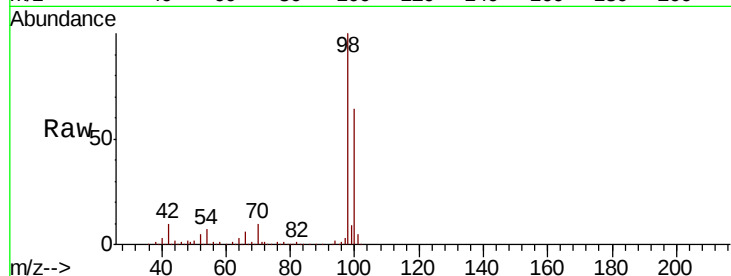
TP-2-D

Tot Ion: 98 Resp: 741347

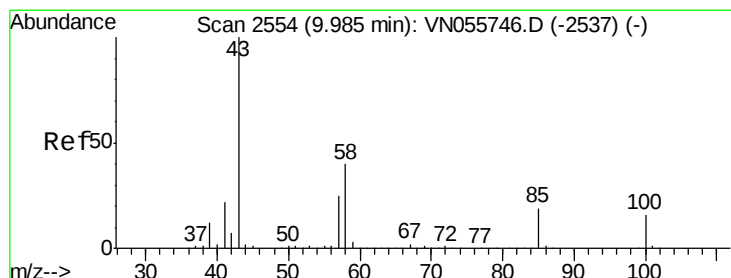
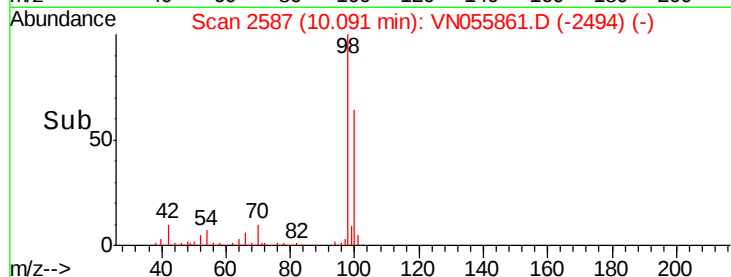
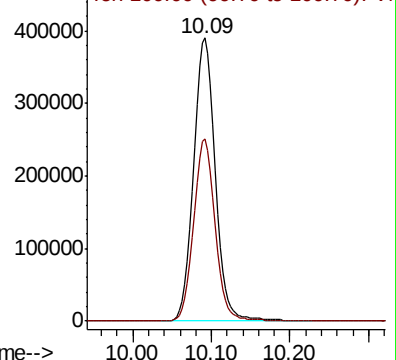
Ion Ratio Lower Upper

98 100

100 63.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055861.D (-2494) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.919 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055861.D

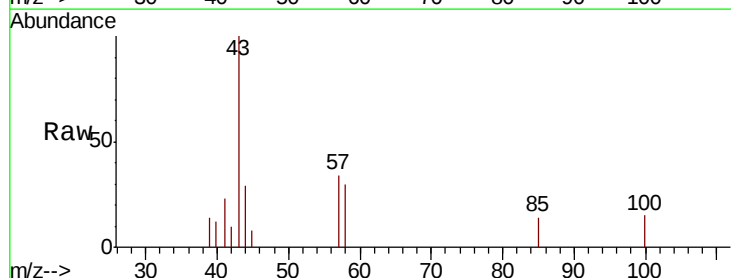
Acq: 28 May 2019 18:42

Tgt Ion: 43 Resp: 4760

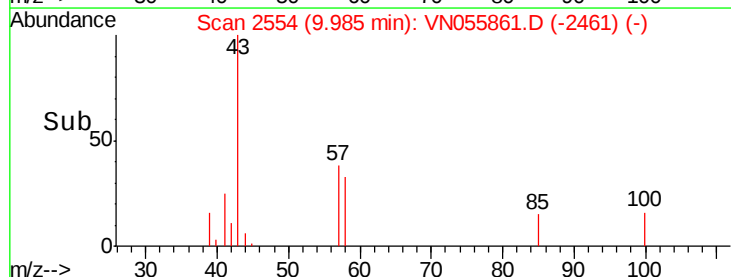
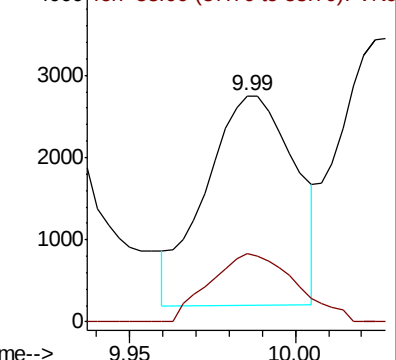
Ion Ratio Lower Upper

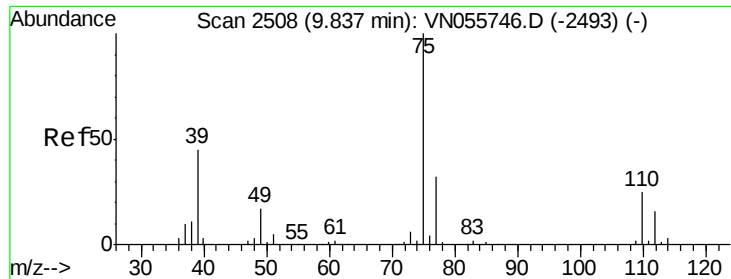
43 100

58 31.6 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VN055861.D (-2461) (-)



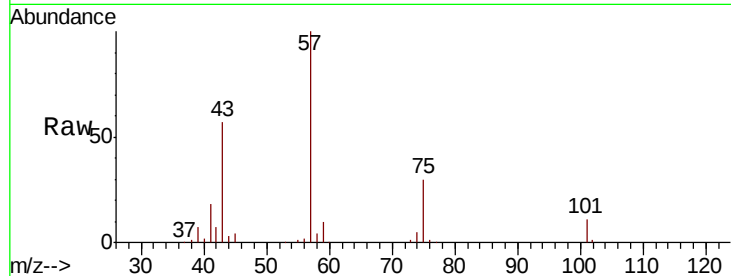


#54

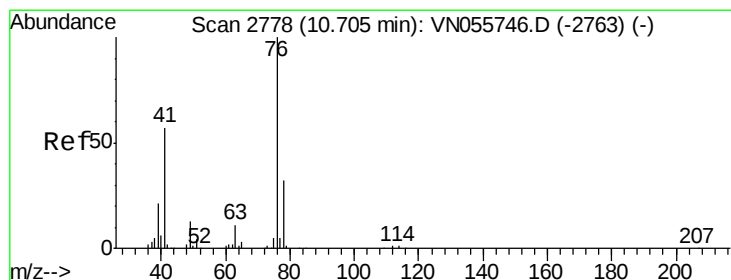
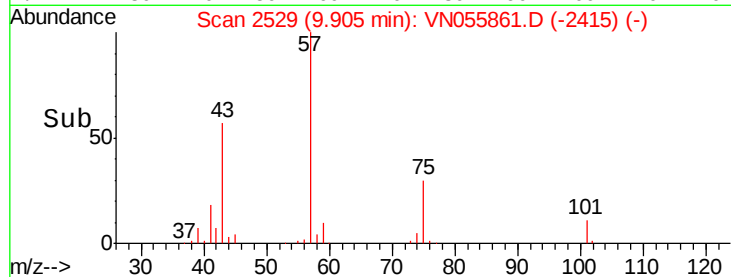
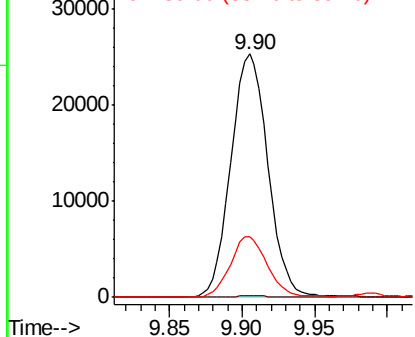
cis-1,3-Dichloropropene
 Concen: 6.687 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN055861.D
 Acq: 28 May 2019 18:42

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-D

Tot Ion: 75 Resp: 45109
 Ion Ratio Lower Upper
 75 100
 77 0.8 25.4 38.0#
 39 24.9 36.3 54.5#



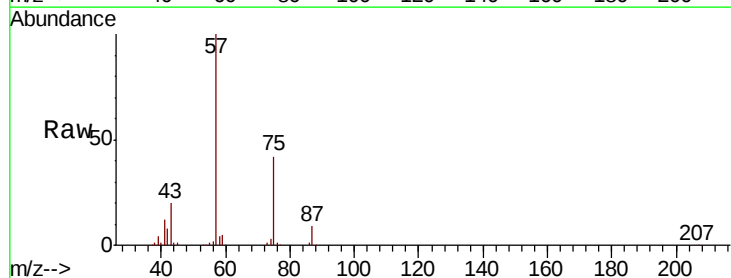
Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0



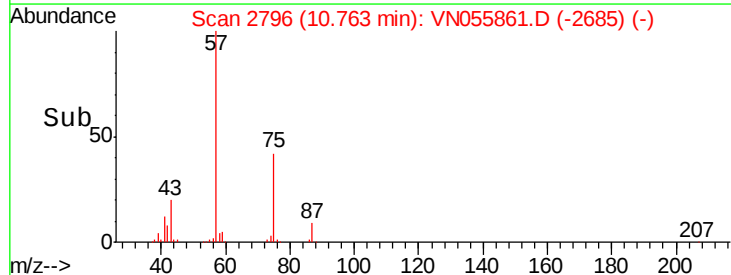
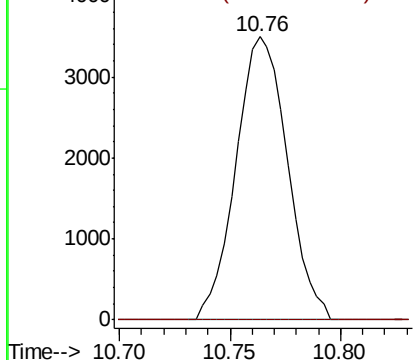
#57

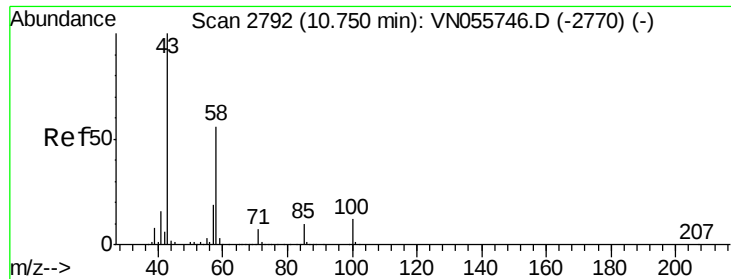
1,3-Dichloropropane
 Concen: 0.848 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055861.D
 Acq: 28 May 2019 18:42

Tgt Ion: 76 Resp: 5657
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0

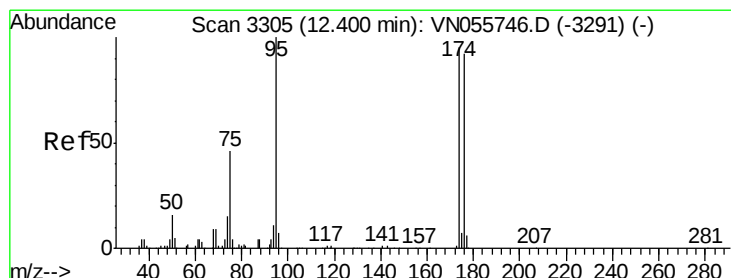
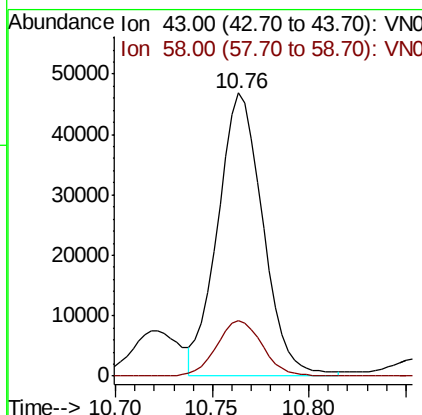
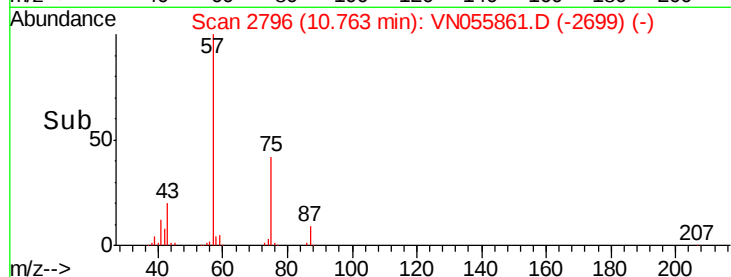
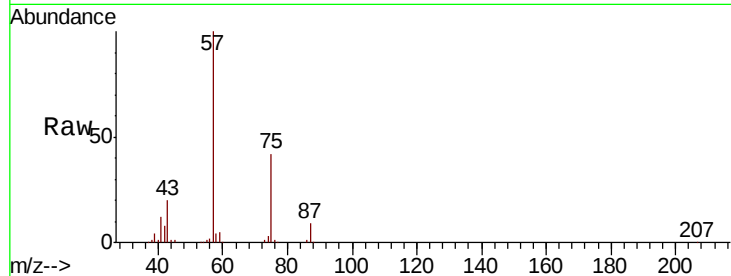




#59
2-Hexanone
Concen: 20.544 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055861.D
Acq: 28 May 2019 18:42

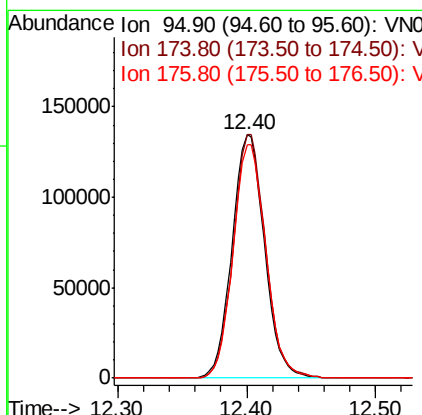
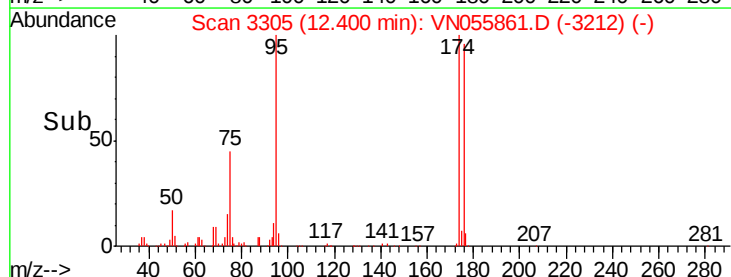
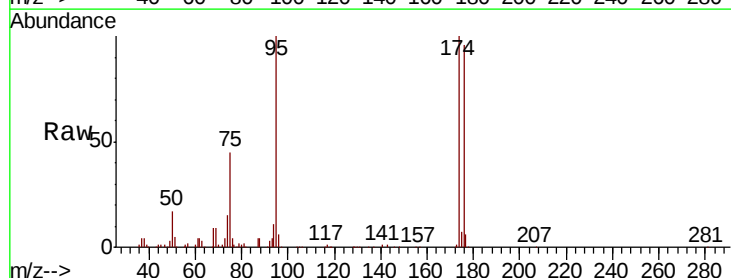
Instrument :
MSVOA_N
ClientSampled :
TP-2-D

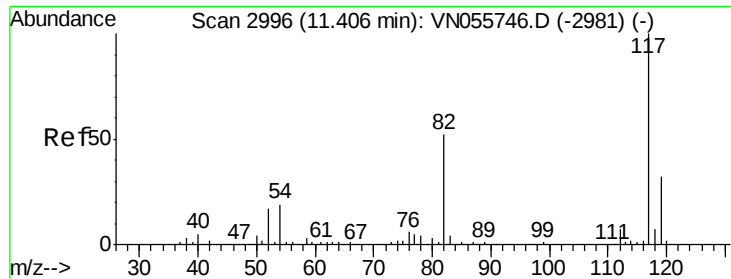
Tot Ion: 43 Resp: 75514
Ion Ratio Lower Upper
43 100
58 20.0 28.2 84.7#



#62
4-Bromofluorobenzene
Concen: 45.616 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055861.D
Acq: 28 May 2019 18:42

Tgt Ion: 95 Resp: 235156
Ion Ratio Lower Upper
95 100
174 99.3 0.0 191.0
176 96.6 0.0 185.2

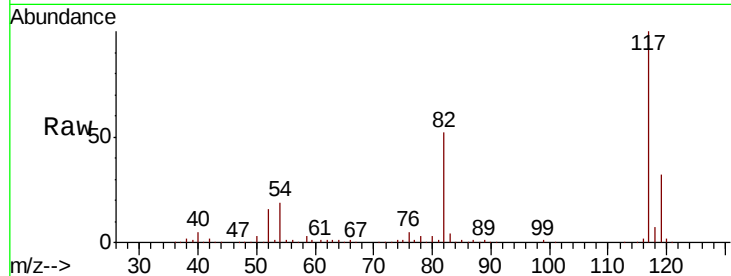




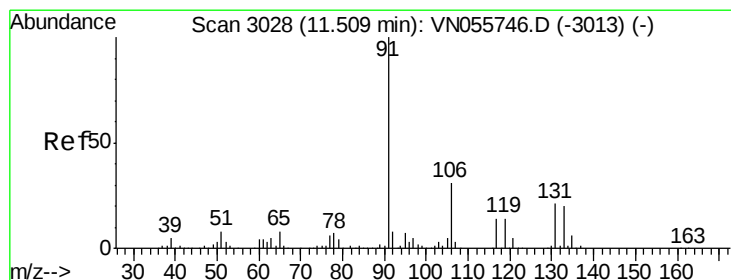
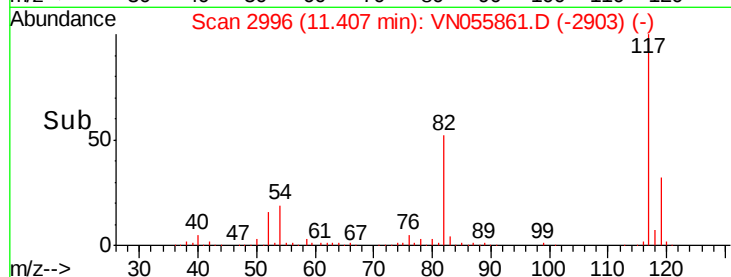
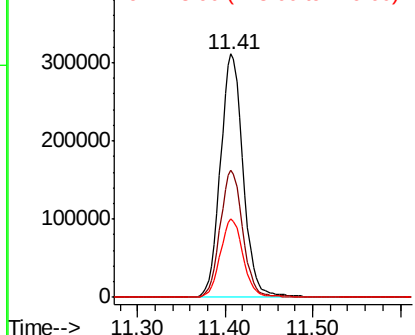
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055861.D
Acq: 28 May 2019 18:42

Instrument :
MSVOA_N
ClientSampled :
TP-2-D

Tot Ion:117 Resp: 559542
Ion Ratio Lower Upper
117 100
82 52.3 41.8 62.8
119 32.0 25.4 38.0

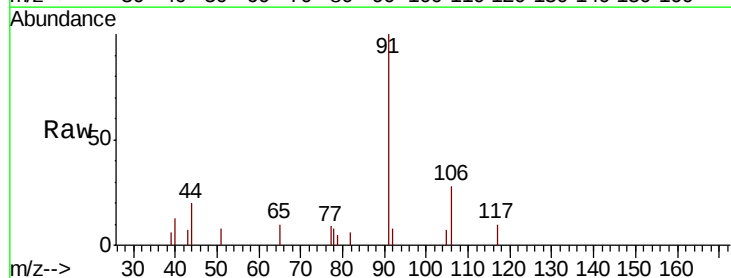


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

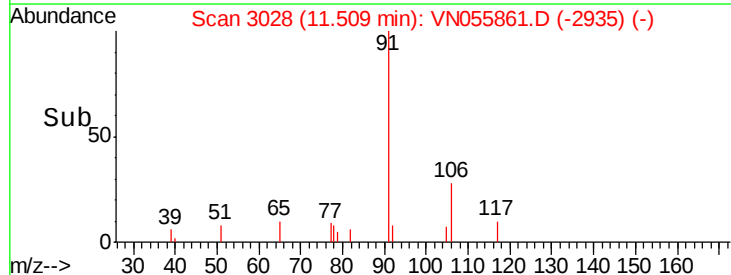
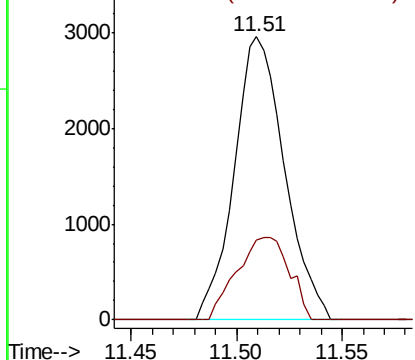


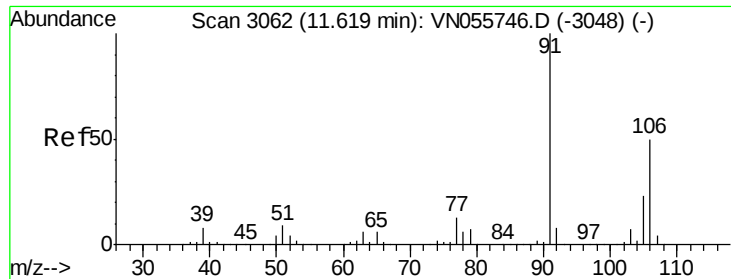
#67
Ethyl Benzene
Concen: 0.244 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055861.D
Acq: 28 May 2019 18:42

Tgt Ion: 91 Resp: 4896
Ion Ratio Lower Upper
91 100
106 28.4 25.1 37.7



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

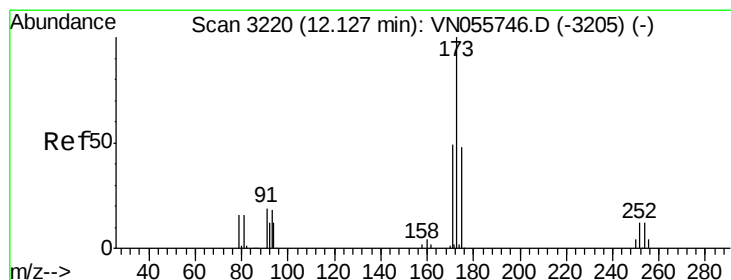
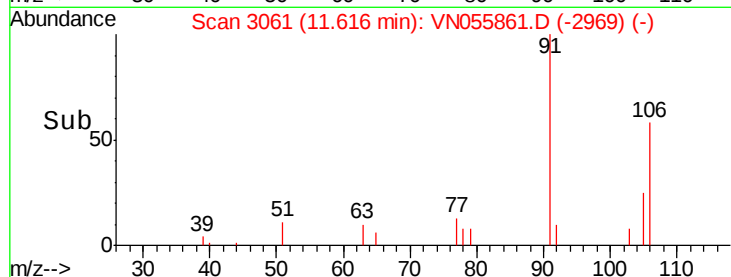
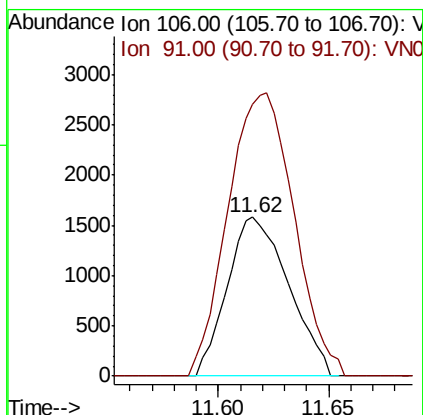
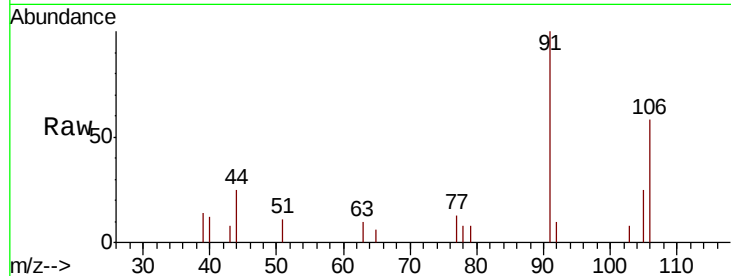




#68
m/p-Xvlenes
Concen: 0.402 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055861.D
Acq: 28 May 2019 18:42

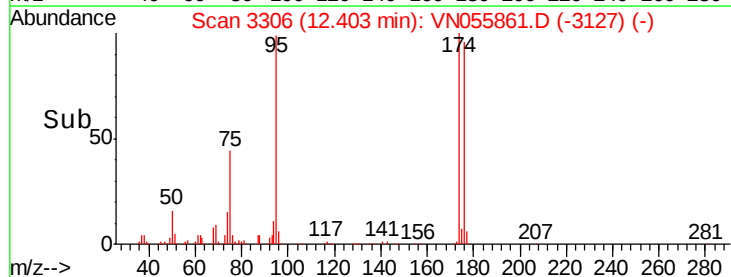
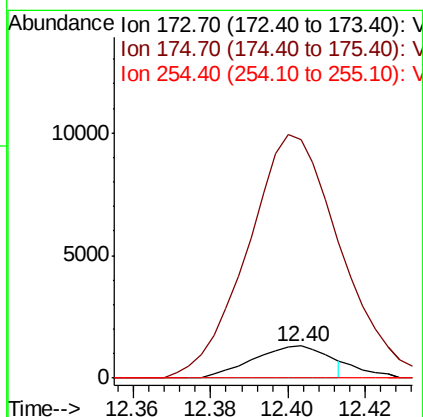
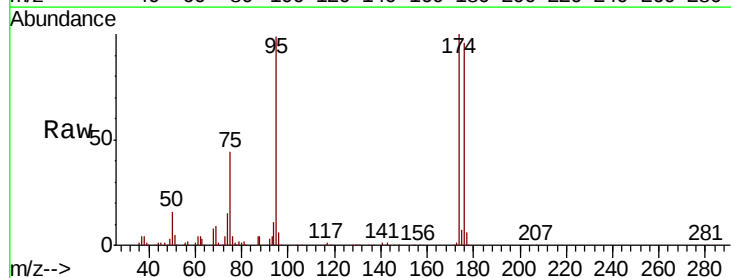
Instrument :
MSVOA_N
ClientSampleId :
TP-2-D

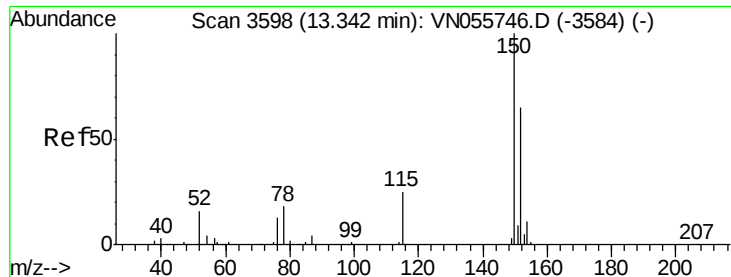
Tot Ion:106 Resp: 3052
Ion Ratio Lower Upper
106 100
91 191.1 159.3 238.9



#71
Bromoform
Concen: 0.468 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN055861.D
Acq: 28 May 2019 18:42

Tgt Ion:173 Resp: 1785
Ion Ratio Lower Upper
173 100
175 799.9 24.3 72.8#
254 0.0 0.0 0.0



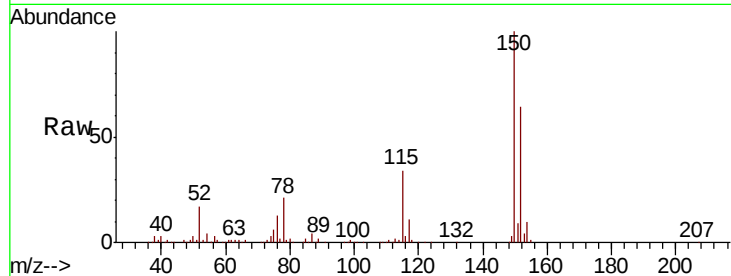


#72

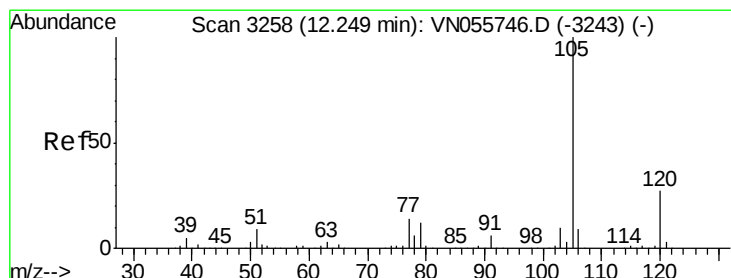
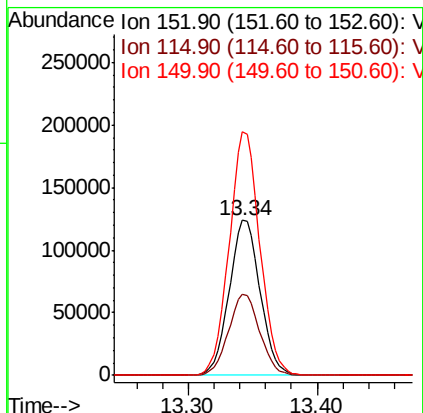
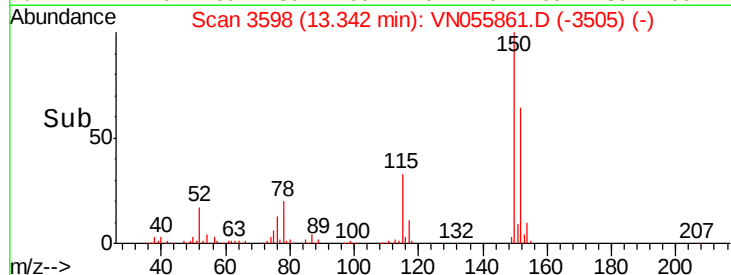
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055861.D
Acq: 28 May 2019 18:42

Instrument :
MSVOA_N
ClientSampled :
TP-2-D

Tot Ion:152 Resp: 206155
Ion Ratio Lower Upper
152 100
115 52.7 27.0 81.0
150 155.4 0.0 343.2



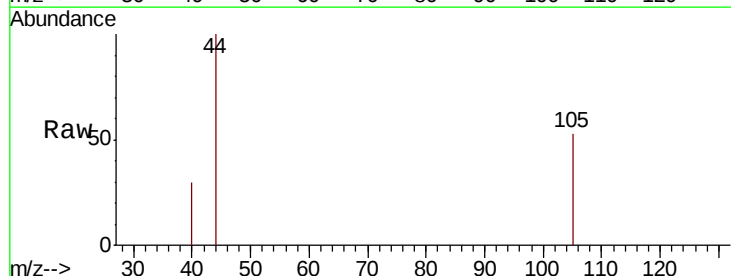
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



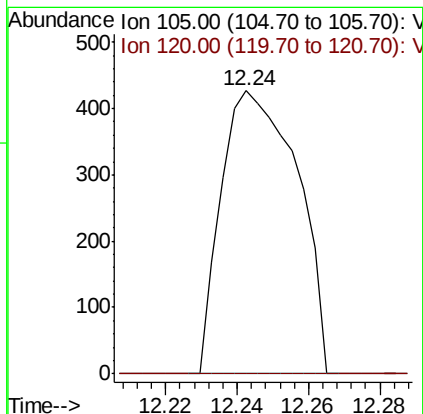
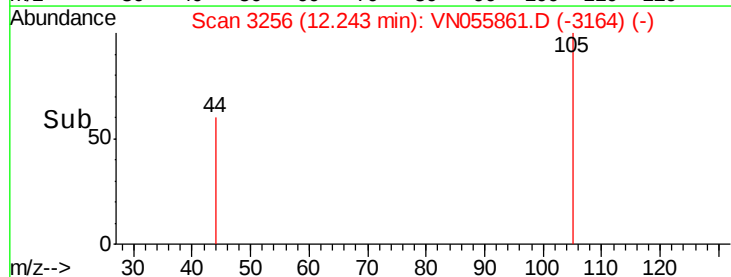
#73

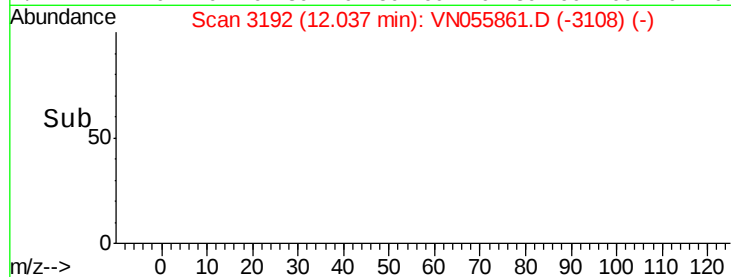
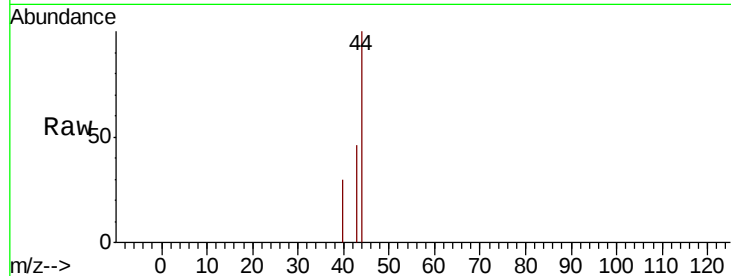
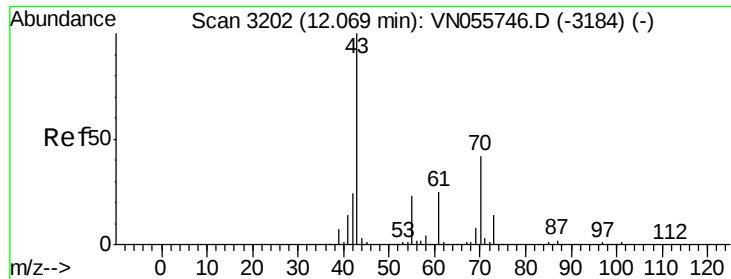
Isopropylbenzene
Concen: Below Cal
RT: 12.24 min Scan# 3256
Delta R.T. -0.01 min
Lab File: VN055861.D
Acq: 28 May 2019 18:42

Tgt Ion:105 Resp: 627
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.7#



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





#74

N-amvl acetate

Concen: Below Cal

RT: 12.04 min Scan# 3192

Delta R.T. -0.03 min

Lab File: VN055861.D

Acq: 28 May 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

TP-2-D

Tot Ion: 43 Resp: 704

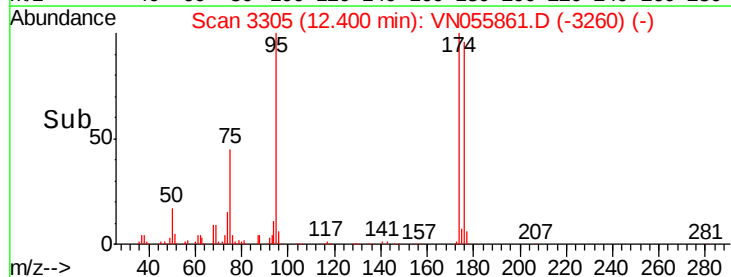
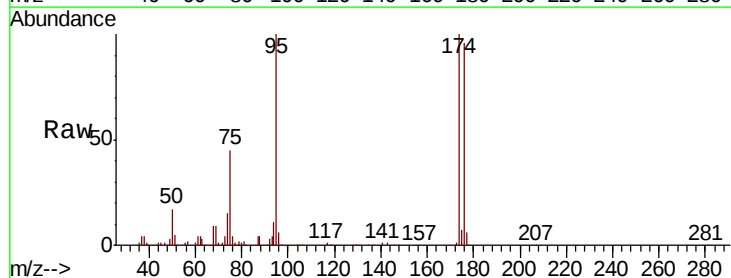
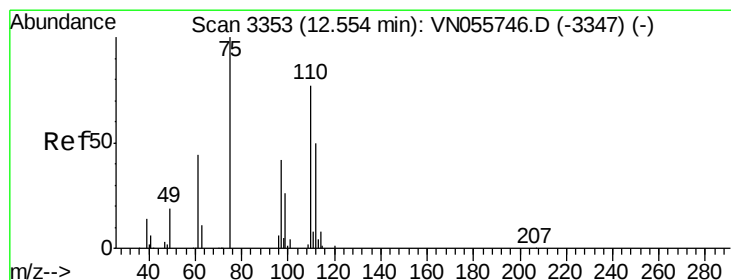
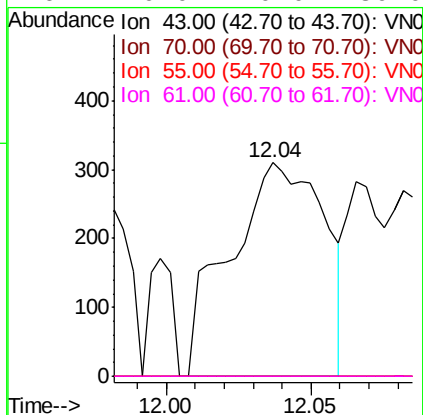
Ion Ratio Lower Upper

43 100

70 0.0 34.0 51.0#

55 0.0 18.6 28.0#

61 0.0 20.0 30.0#



#76

1,2,3-Trichloropropane

Concen: 29.016 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055861.D

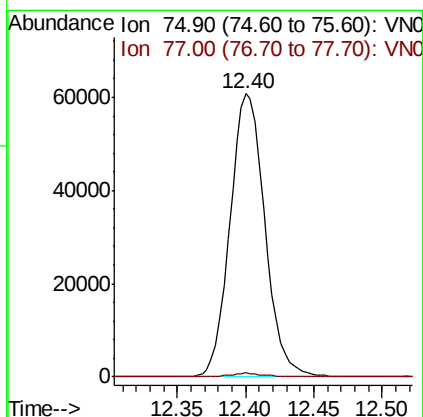
Acq: 28 May 2019 18:42

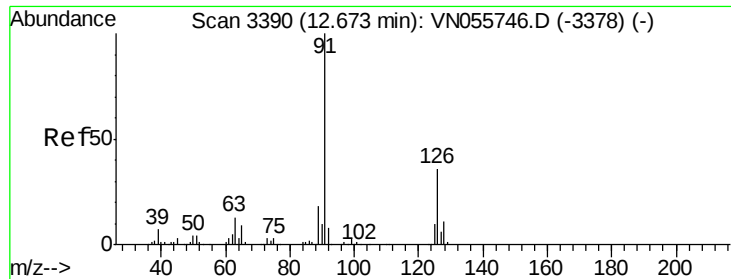
Tgt Ion: 75 Resp: 107691

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3393

Delta R.T. 0.01 min

Lab File: VN055861.D

Acq: 28 May 2019 18:42

Instrument :

MSVOA_N

ClientSampled :

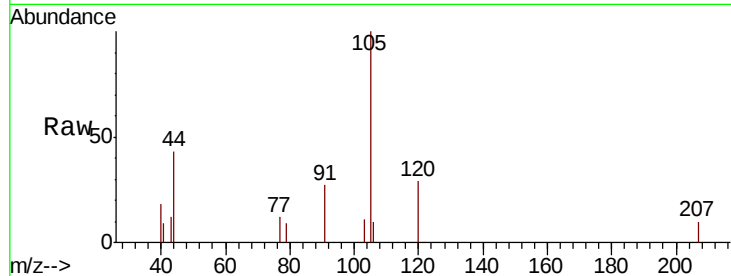
TP-2-D

Tot Ion: 91 Resp: 428

Ion Ratio Lower Upper

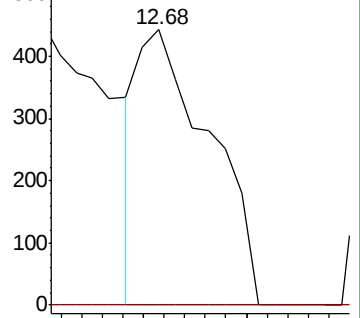
91 100

126 0.0 18.1 54.4#

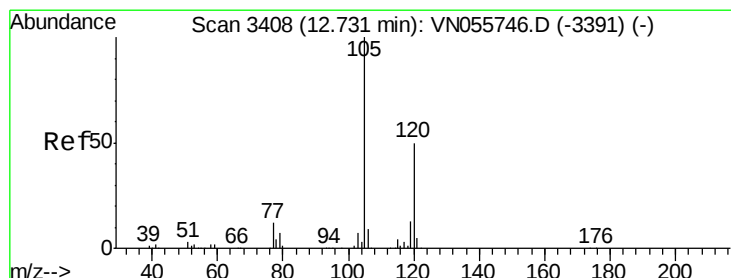
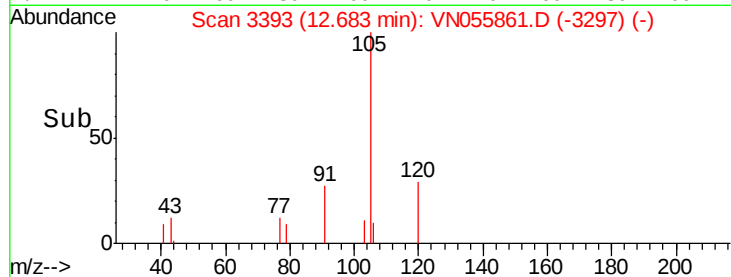


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055861.D

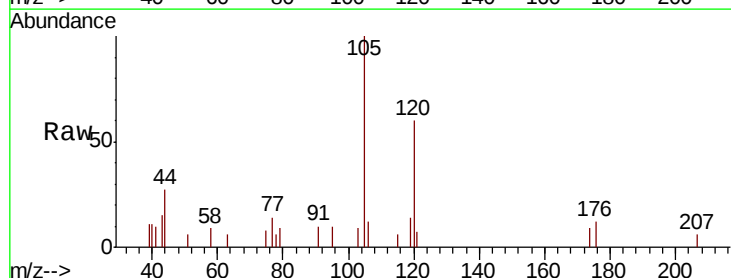
Acq: 28 May 2019 18:42

Tgt Ion:105 Resp: 4505

Ion Ratio Lower Upper

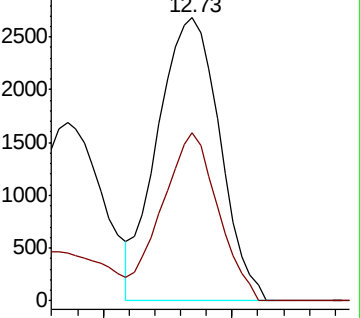
105 100

120 53.6 24.7 74.1

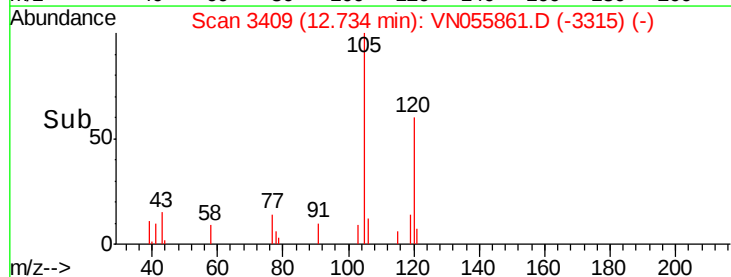


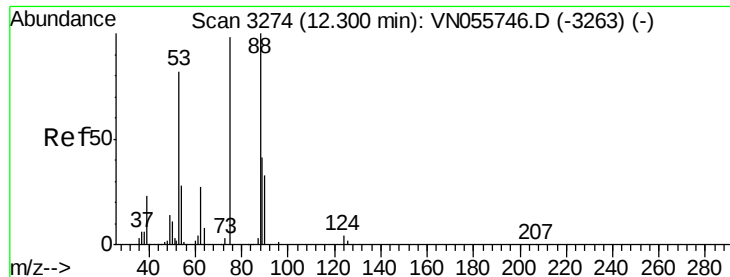
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 70.285 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055861.D

Acq: 28 May 2019 18:42

Instrument :

MSVOA_N

ClientSampled :

TP-2-D

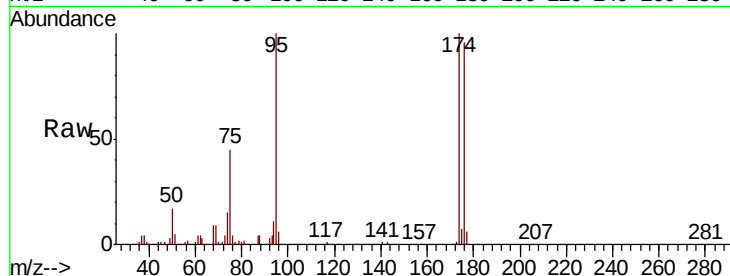
Tot Ion: 75 Resp: 107691

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

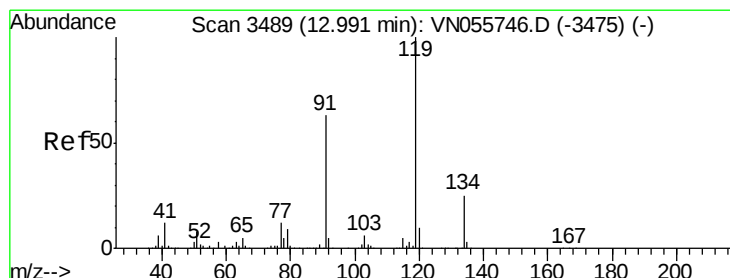
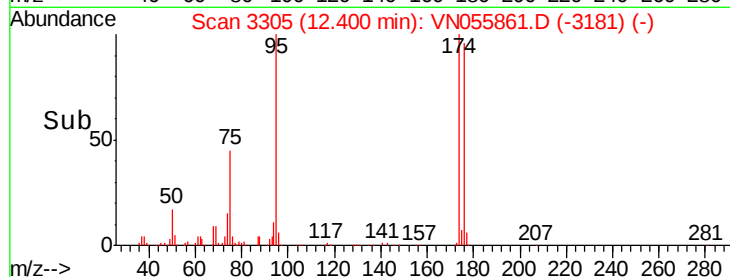
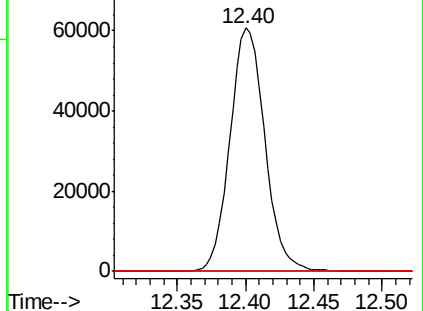
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN055861.D (-3305) (-)

Ion 53.00 (52.70 to 53.70): VN055861.D (-3305) (-)

Ion 88.90 (88.60 to 89.60): VN055861.D (-3305) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN055861.D

Acq: 28 May 2019 18:42

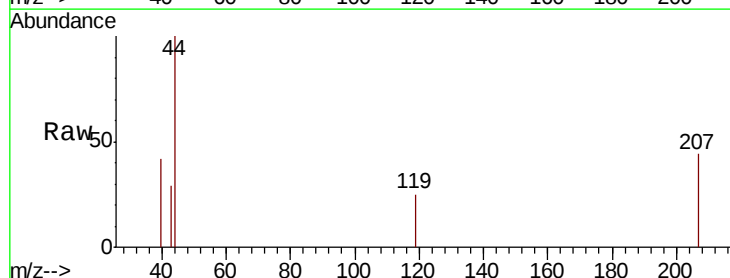
Tgt Ion: 119 Resp: 59

Ion Ratio Lower Upper

119 100

91 0.0 30.9 92.8#

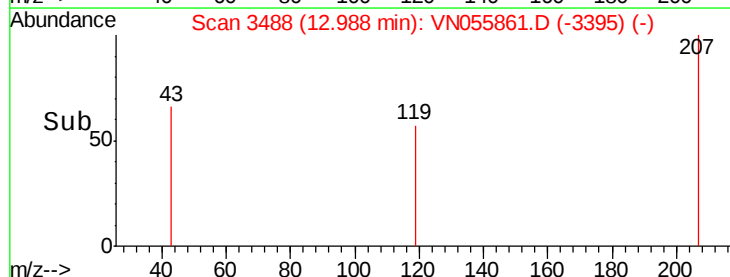
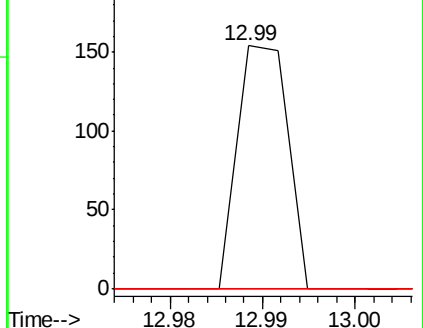
134 0.0 13.3 39.8#

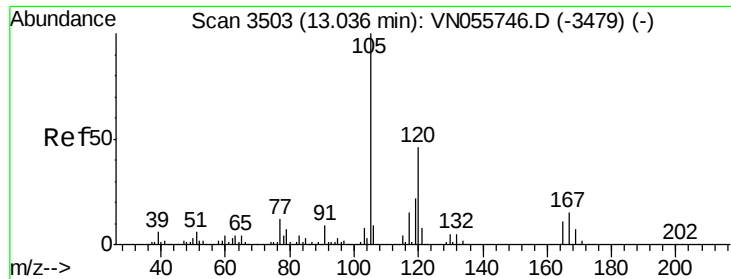


Abundance Ion 119.00 (118.70 to 119.70): VN055861.D (-3488) (-)

Ion 91.00 (90.70 to 91.70): VN055861.D (-3488) (-)

Ion 134.00 (133.70 to 134.70): VN055861.D (-3488) (-)

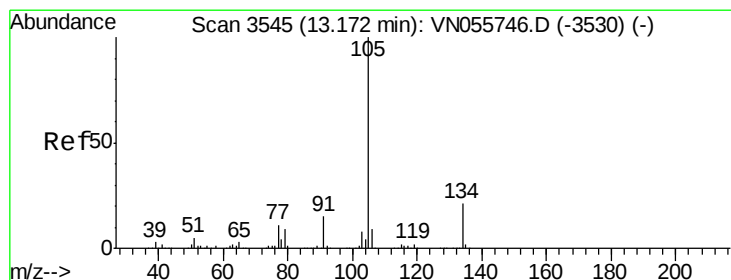
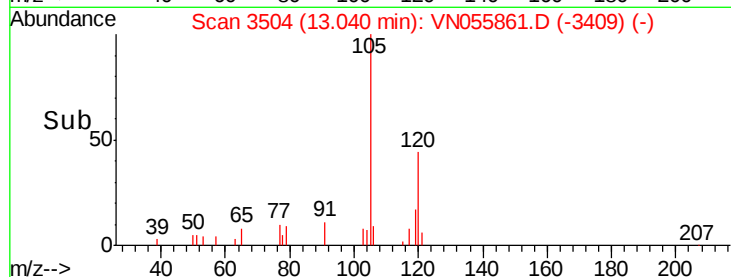
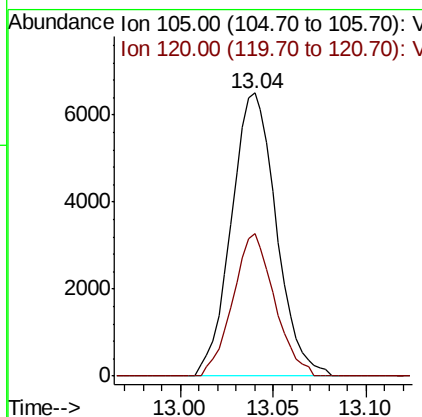
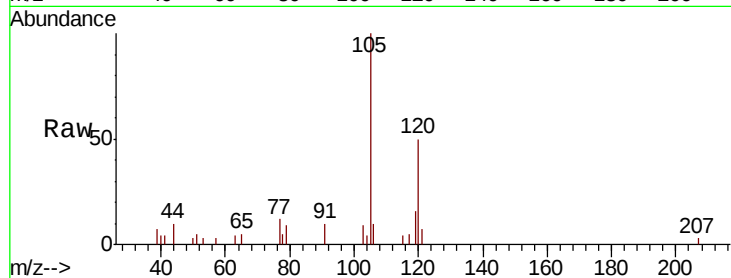




#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055861.D
 Acq: 28 May 2019 18:42

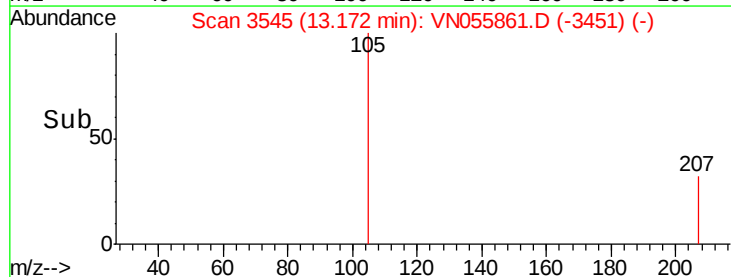
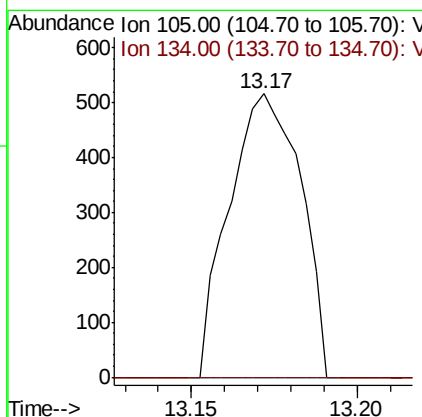
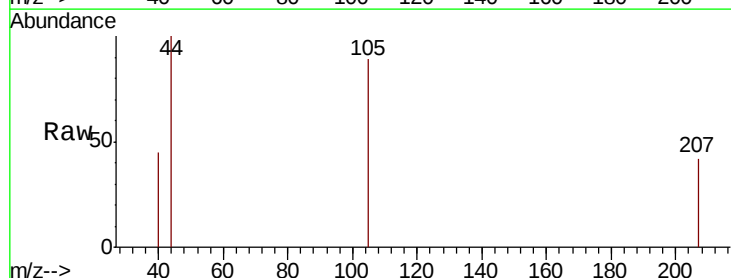
Instrument :
 MSVOA_N
 ClientSampled :
 TP-2-D

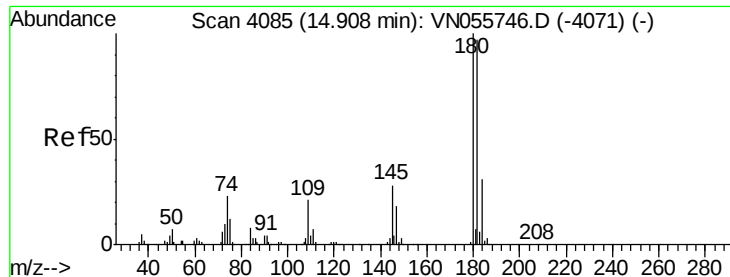
Tot Ion:105 Resp: 10947
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.0 69.0



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055861.D
 Acq: 28 May 2019 18:42

Tgt Ion:105 Resp: 777
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#

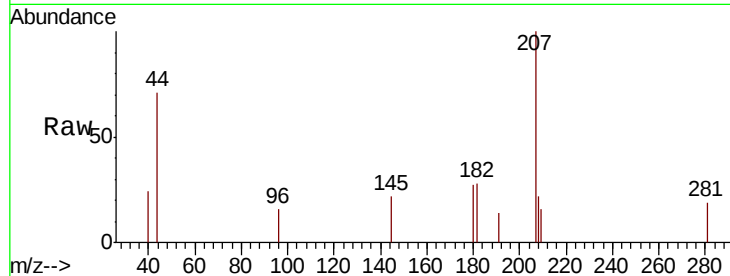




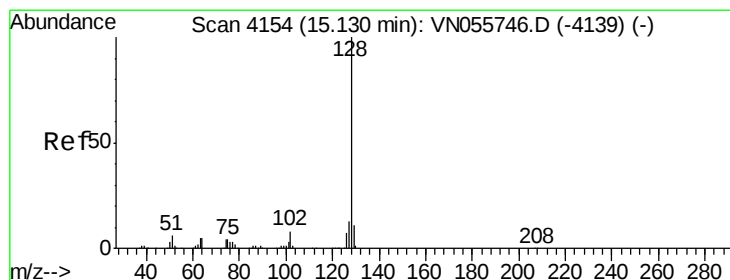
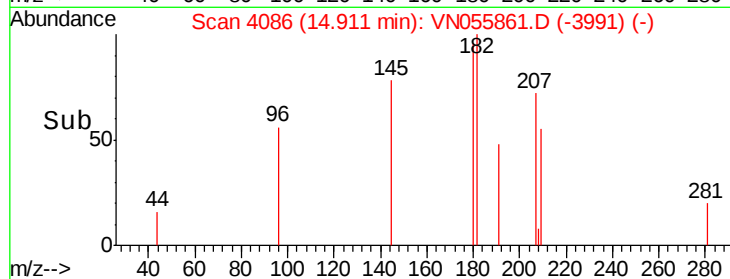
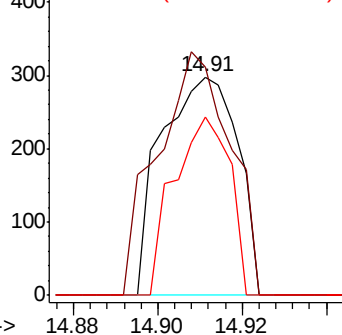
#93
 1,2,4-Trichlorobenzene
 Concen: 3.724 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN055861.D
 Acq: 28 May 2019 18:42

Instrument :
 MSVOA_N
 ClientSampled :
 TP-2-D

Tot Ion:180 Resp: 374
 Ion Ratio Lower Upper
 180 100
 182 106.4 48.3 144.9
 145 59.6 14.0 41.9#

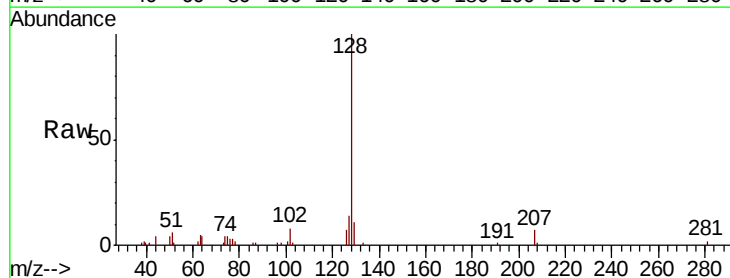


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 3.298 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN055861.D
 Acq: 28 May 2019 18:42

Tgt Ion:128 Resp: 31448
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.3 15.5
 129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

