

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055832.D
 Acq On : 25 May 2019 7:09
 Operator : JC/SP
 Sample : K3026-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3-S

Quant Time: May 26 22:50:13 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	7.66	168	471406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	680469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	611566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	227003	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	226452	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
35) Dibromofluoromethane	7.59	113	207878	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
50) Toluene-d8	10.09	98	787226	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
62) 4-Bromofluorobenzene	12.40	95	260867	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	

Target Compounds

					Qvalue
13) Acrolein	3.60	56	596	0.895	ug/l 98
14) Allyl chloride	4.55	41	3243	0.472	ug/l # 26
16) Acetone	3.82	43	37175	17.371	ug/l 98
17) Carbon Disulfide	4.04	76	4059	0.356	ug/l # 74
18) Methyl Acetate	4.34	43	4274	Below Cal	# 78
20) Methylene Chloride	4.54	84	93769	20.233	ug/l 97
25) 2-Butanone	6.85	43	11385	3.809	ug/l 99
27) cis-1,2-Dichloroethene	6.83	96	4037	0.803	ug/l 76
29) Tetrahydrofuran	7.22	42	1440	0.761	ug/l # 78
30) Chloroform	7.37	83	1955	0.252	ug/l 97
31) Cyclohexane	7.66	56	7433	1.017	ug/l # 1
36) 1,1-Dichloropropene	7.67	75	27274	4.599	ug/l # 47
37) Ethyl Acetate	6.85	43	11385	1.986	ug/l # 50
38) Carbon Tetrachloride	7.66	117	37955	6.145	ug/l # 14
41) Methacrylonitrile	7.22	41	1152	0.398	ug/l # 25
43) Isopropyl Acetate	8.17	43	13347	1.386	ug/l # 85
45) 1,2-Dichloropropane	9.27	63	1107	0.238	ug/l # 44
48) Methyl methacrylate	9.18	41	7123	1.605	ug/l # 22
51) 4-Methyl-2-Pentanone	9.99	43	5125	0.901	ug/l 90
54) cis-1,3-Dichloropropene	9.90	75	45203	6.105	ug/l # 56
57) 1,3-Dichloropropane	10.76	76	6054	0.827	ug/l # 42
59) 2-Hexanone	10.76	43	80133	19.861	ug/l # 51
60) Dibromochloromethane	10.63	129	1475	0.281	ug/l # 11
64) Tetrachloroethene	10.63	164	1668	0.323	ug/l # 87
71) Bromoform	12.40	173	1896	0.455	ug/l # 1
73) Isopropylbenzene	12.25	105	1510	Below Cal	92
74) N-amyl acetate	12.07	43	1620	Below Cal	# 63
76) 1,2,3-Trichloropropane	12.40	75	120653	29.581	ug/l # 100
79) 2-Chlorotoluene	12.68	91	1460	Below Cal	74
80) 1,3,5-Trimethylbenzene	12.73	105	3937	Below Cal	93
81) trans-1,4-Dichloro-2-buten	12.40	75	120653	71.513	ug/l # 15
83) tert-Butylbenzene	12.99	119	1373	Below Cal	# 80
84) 1,2,4-Trimethylbenzene	13.04	105	6015	Below Cal	96
85) sec-Butylbenzene	13.17	105	2395	Below Cal	97

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Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

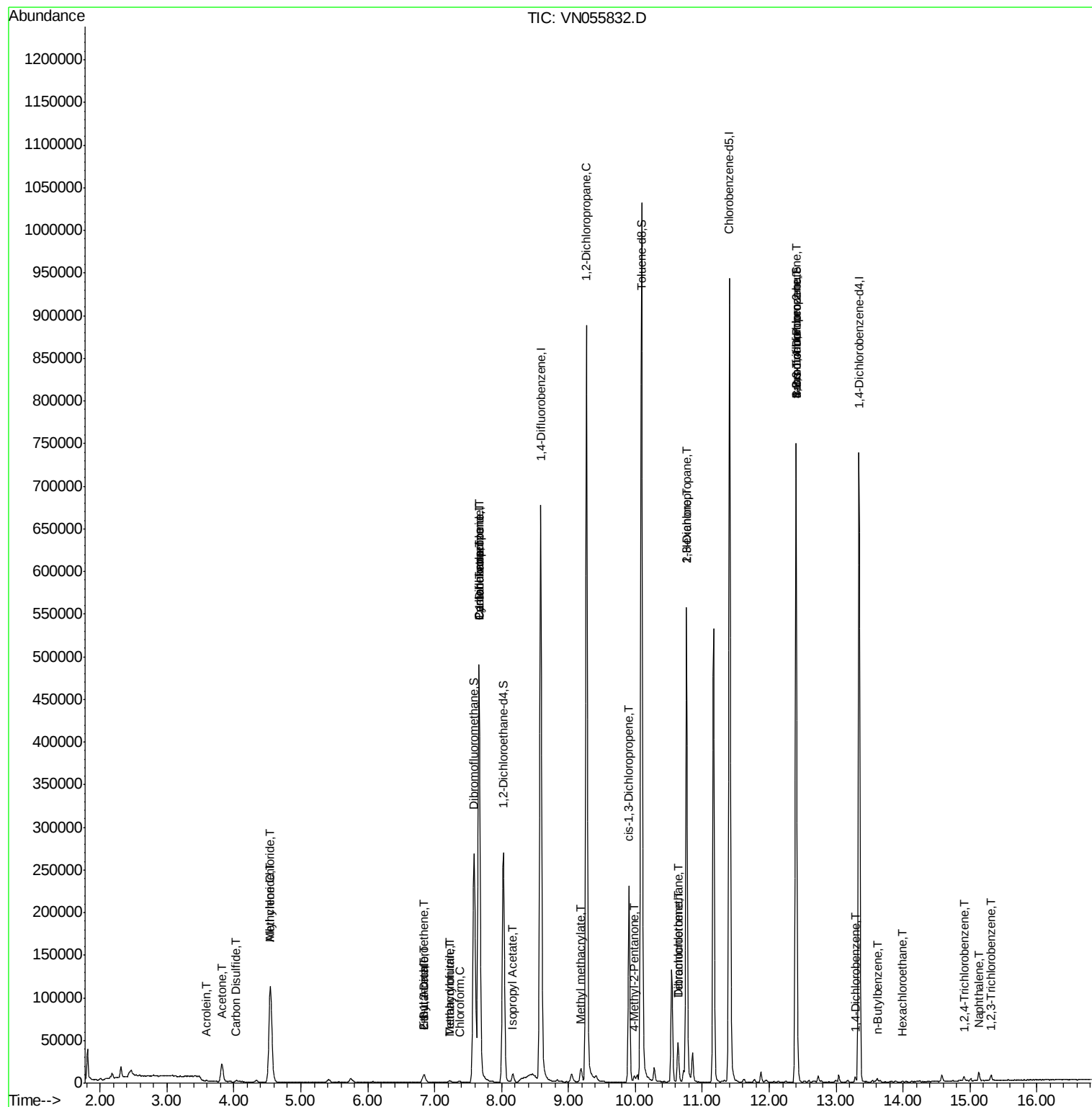
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	13.28	146	1530	0.210	ug/l	97
89) n-Butylbenzene	13.62	91	3162	0.262	ug/l	93
90) Hexachloroethane	13.99	117	702	0.234	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	2506	4.165	ug/l	96
94) Hexachlorobutadiene	15.01	225	986	Below Cal		93
95) Naphthalene	15.13	128	10270	0.978	ug/l	96
96) 1,2,3-Trichlorobenzene	15.31	180	3256	0.805	ug/l	97

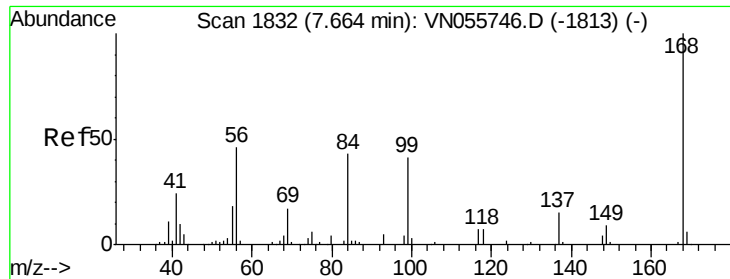
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055832.D

Acq: 25 May 2019 7:09

Instrument :

MSVOA_N

ClientSampled :

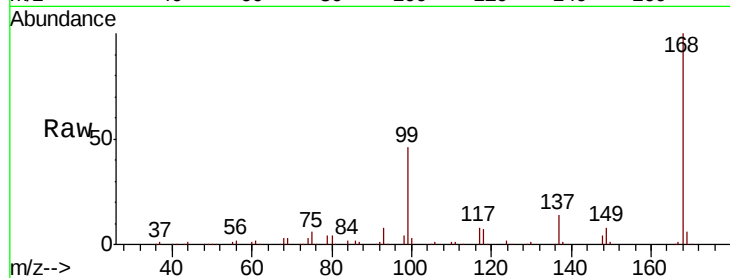
TP-3-S

Tot Ion:168 Resp: 471406

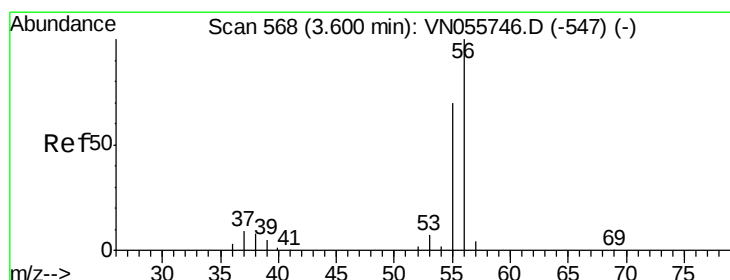
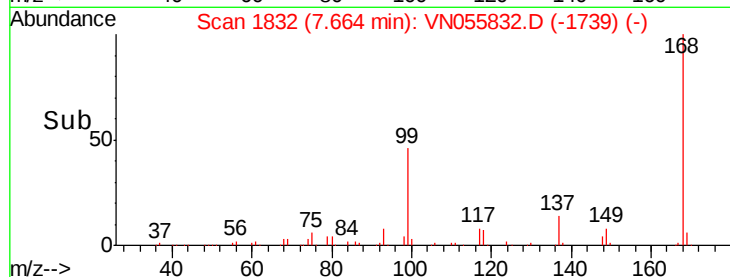
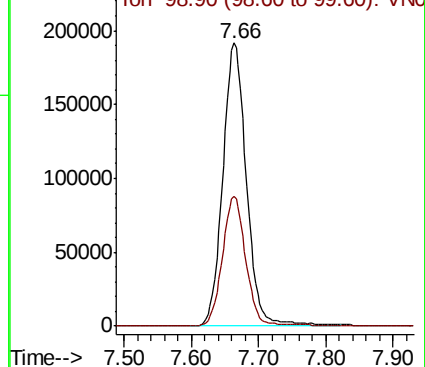
Ion Ratio Lower Upper

168 100

99 45.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055832.D (-1739) (-)



#13

Acrolein

Concen: 0.895 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN055832.D

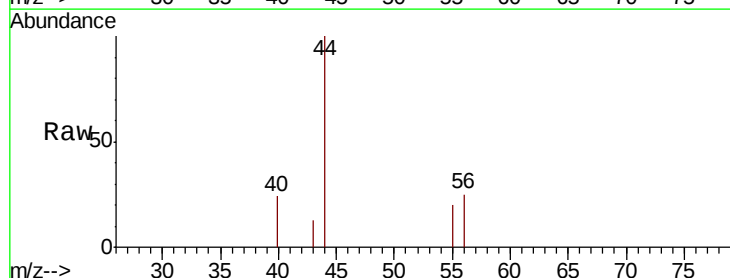
Acq: 25 May 2019 7:09

Tgt Ion: 56 Resp: 596

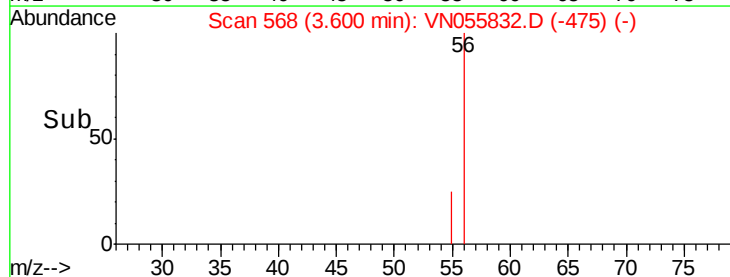
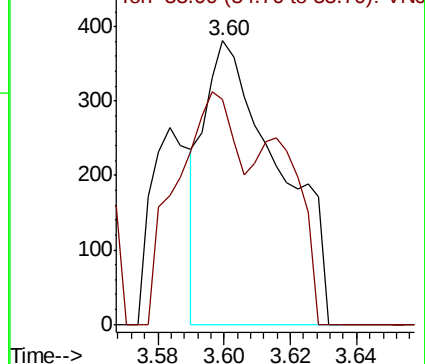
Ion Ratio Lower Upper

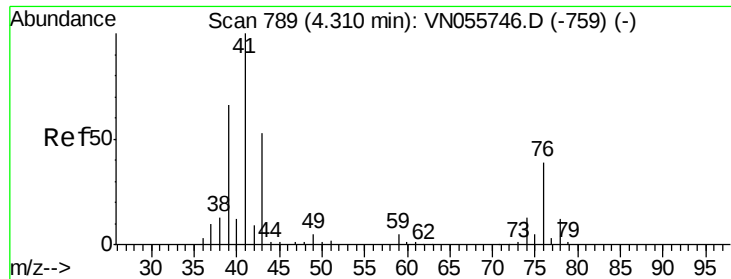
56 100

55 68.0 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN055832.D (-475) (-)

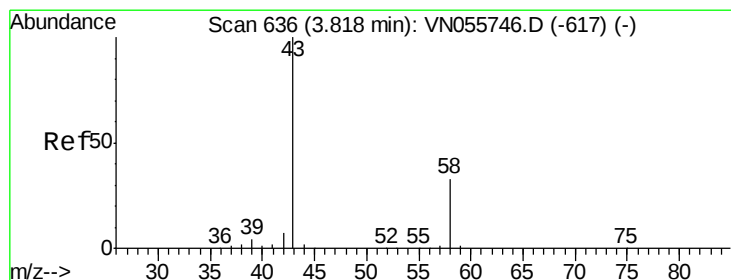
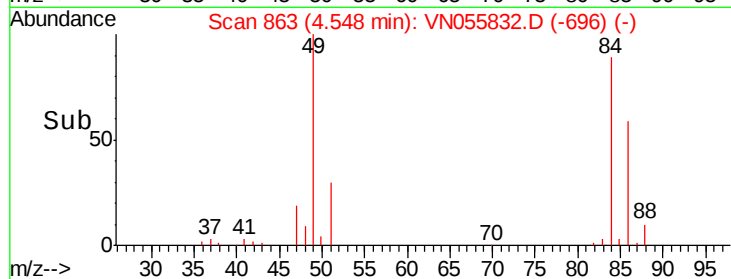
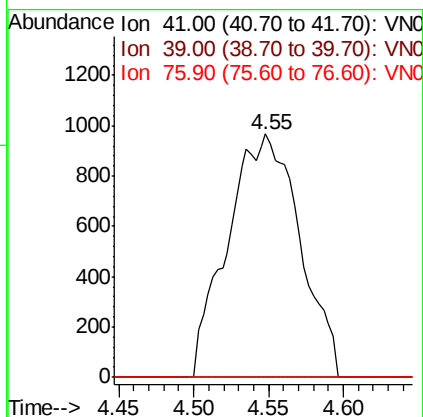
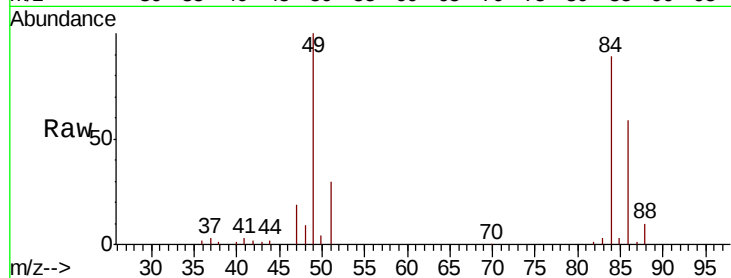




#14
Allvl chloride
Concen: 0.472 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.24 min
Lab File: VN055832.D
Acq: 25 May 2019 7:09

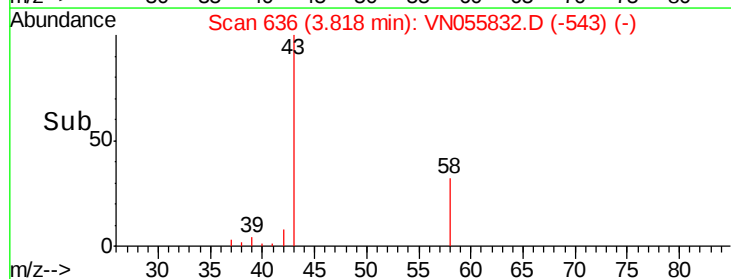
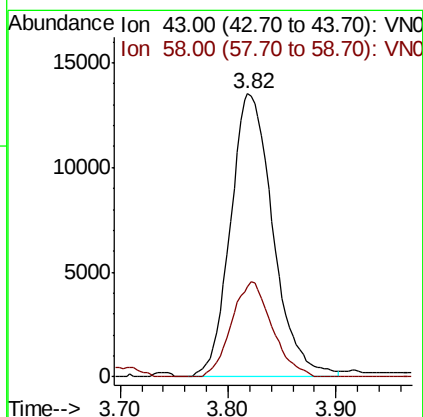
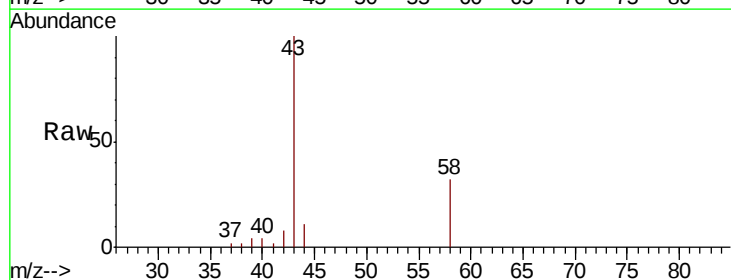
Instrument :
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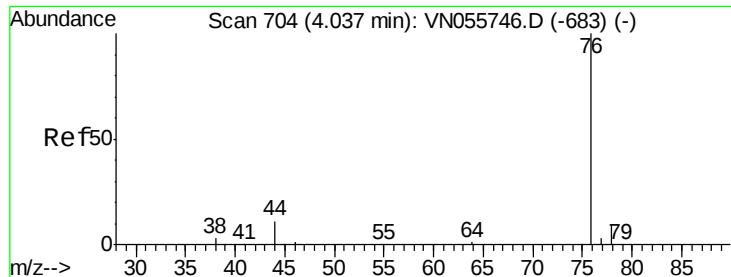
Tot Ion: 41 Resp: 3243
Ion Ratio Lower Upper
41 100
39 0.0 50.0 75.0#
76 0.0 28.2 42.2#



#16
Acetone
Concen: 17.371 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN055832.D
Acq: 25 May 2019 7:09

Tgt Ion: 43 Resp: 37175
Ion Ratio Lower Upper
43 100
58 31.8 26.6 39.8

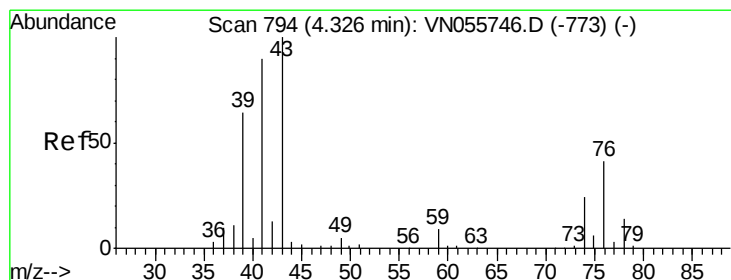
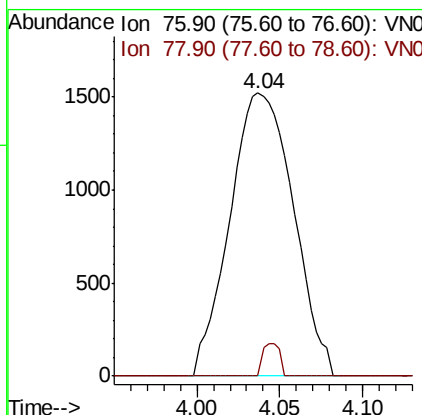
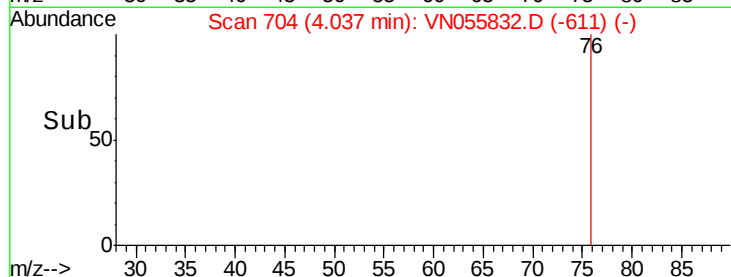
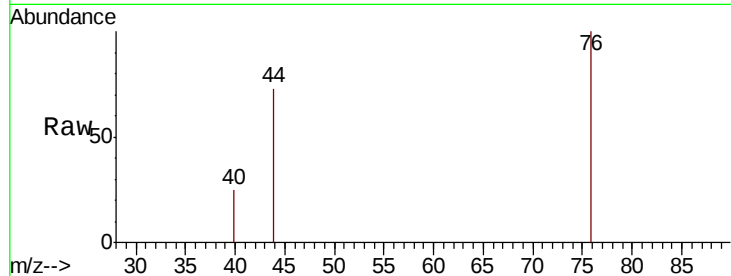




#17
Carbon Disulfide
Concen: 0.356 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN055832.D
Acq: 25 May 2019 7:09

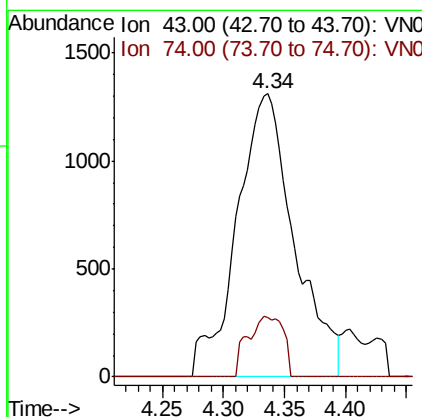
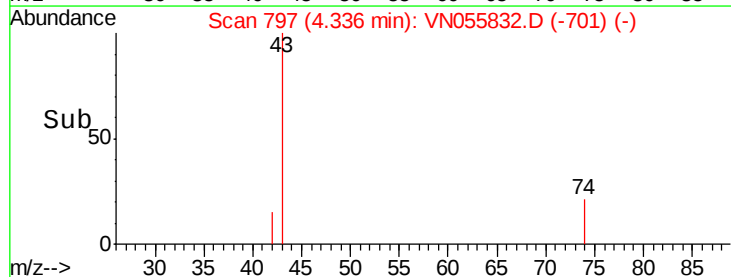
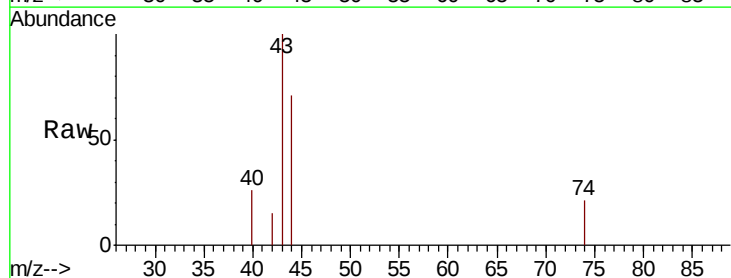
Instrument :
MSVOA_N
ClientSampled :
TP-3-S

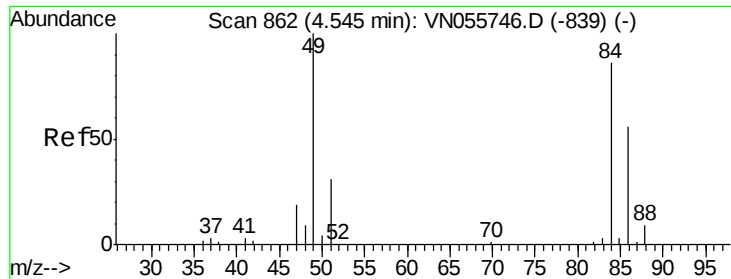
Tot Ion: 76 Resp: 4059
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN055832.D
Acq: 25 May 2019 7:09

Tgt Ion: 43 Resp: 4274
Ion Ratio Lower Upper
43 100
74 13.1 19.3 28.9#

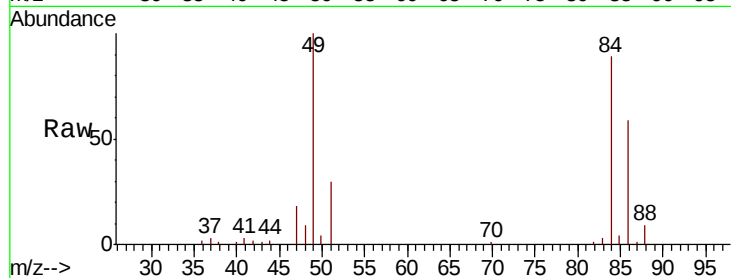




#20
Methvlene Chloride
Concen: 20.233 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055832.D
Acq: 25 May 2019 7:09

Instrument :
MSVOA_N
ClientSampleId :
TP-3-S

Tot Ion:	84	Resp:	93769
Ion	Ratio	Lower	Upper
84	100		
49	111.9	93.5	140.3
51	33.6	28.6	43.0
86	65.5	52.6	79.0



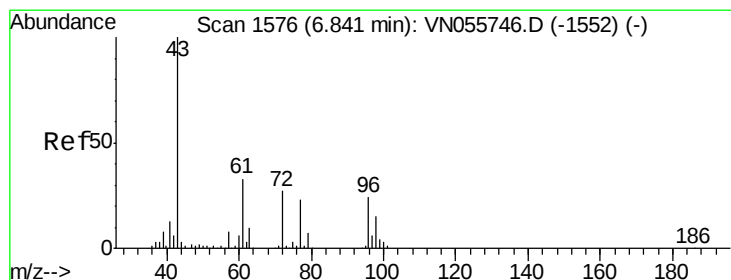
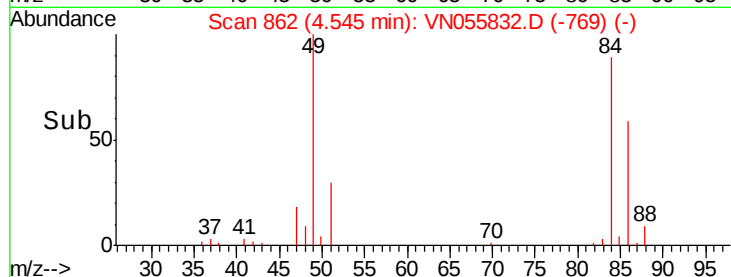
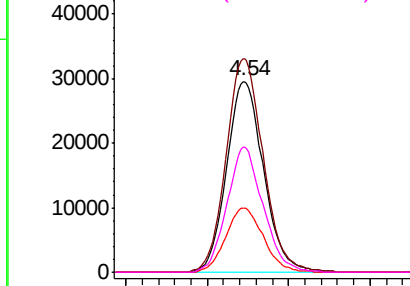
Abundance

Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

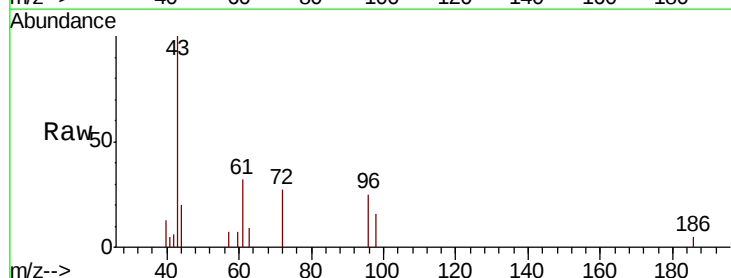
Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#25
2-Butanone
Concen: 3.809 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN055832.D
Acq: 25 May 2019 7:09

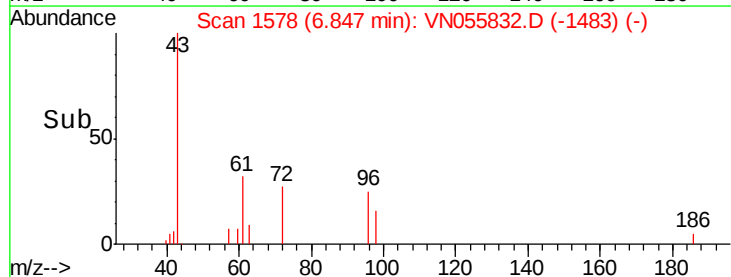
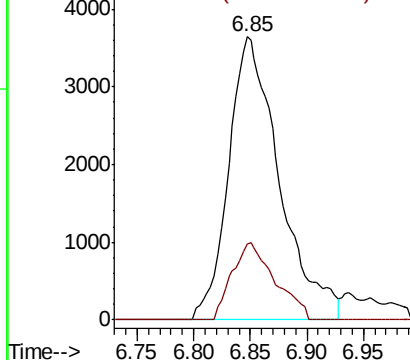
Tgt Ion:	43	Resp:	11385
Ion	Ratio	Lower	Upper
43	100		
72	27.0	21.9	32.9

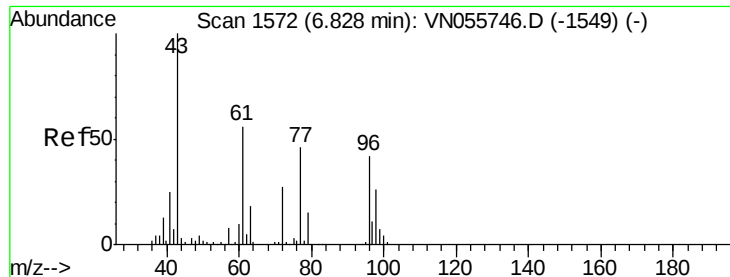


Abundance

Ion 43.00 (42.70 to 43.70): VNO

Ion 72.00 (71.70 to 72.70): VNO





#27

cis-1,2-Dichloroethene

Concen: 0.803 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055832.D

Acq: 25 May 2019 7:09

Instrument :
MSVOA_N
ClientSampled :
TP-3-S

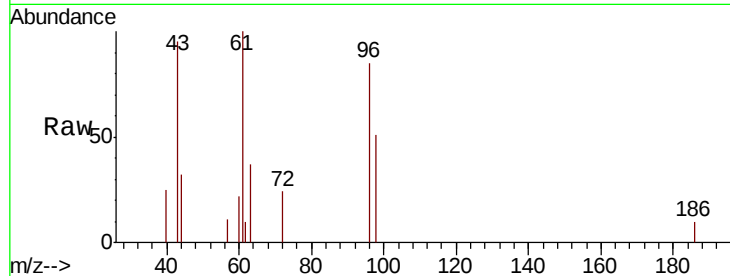
Tot Ion: 96 Resp: 4037

Ion Ratio Lower Upper

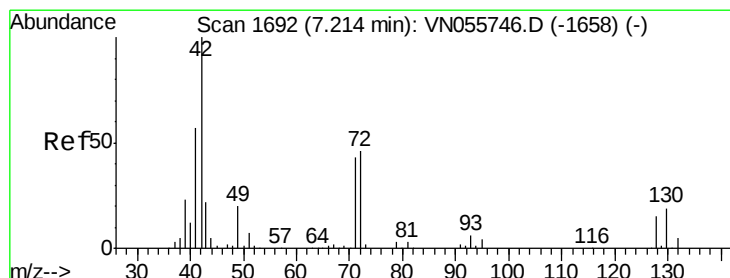
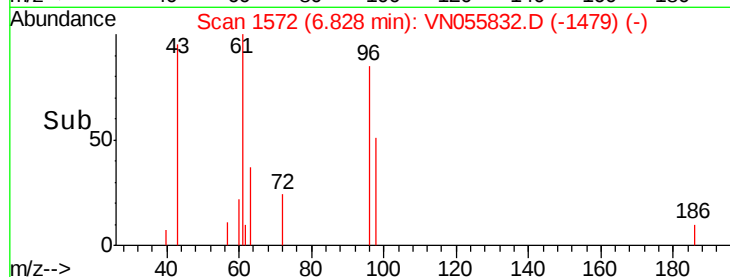
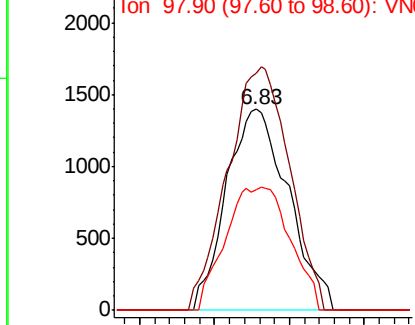
96 100

61 120.5 0.0 275.8

98 28.2 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



#29

Tetrahydrofuran

Concen: 0.761 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN055832.D

Acq: 25 May 2019 7:09

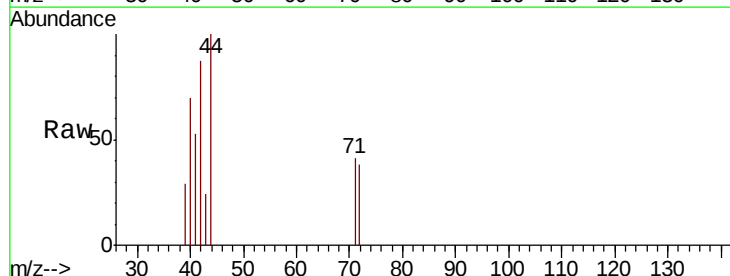
Tgt Ion: 42 Resp: 1440

Ion Ratio Lower Upper

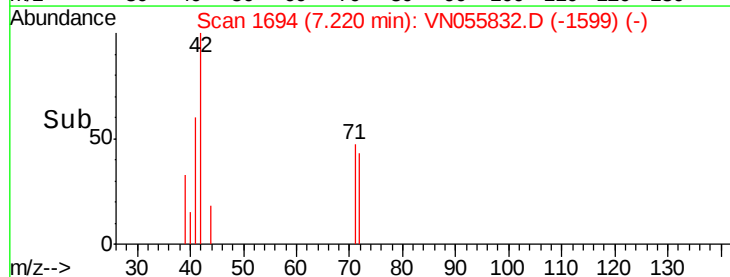
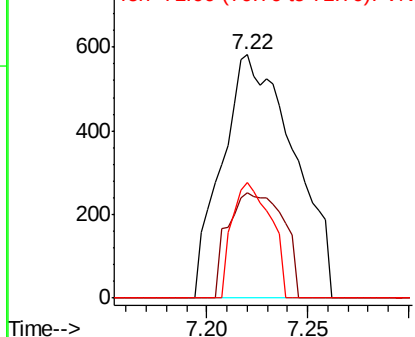
42 100

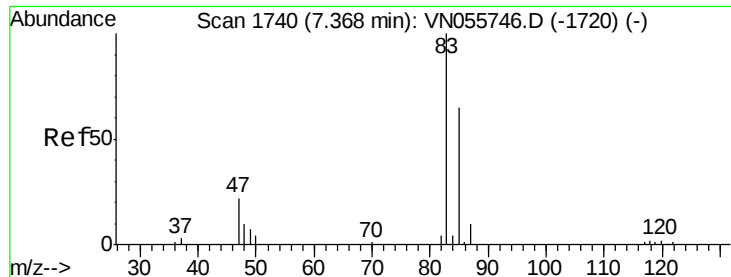
72 33.7 35.9 53.9#

71 25.8 34.0 51.0#



Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO

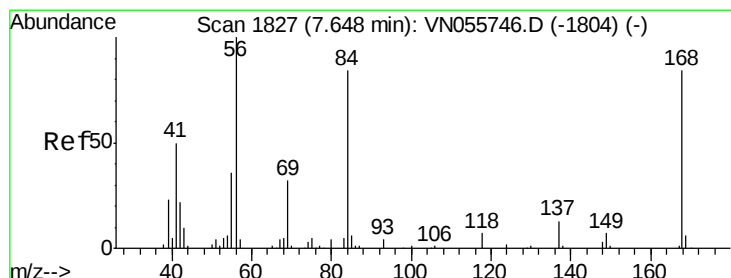
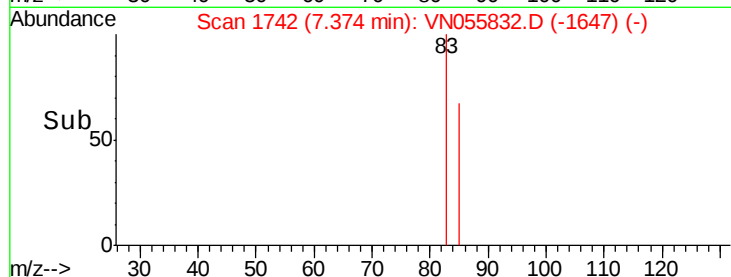
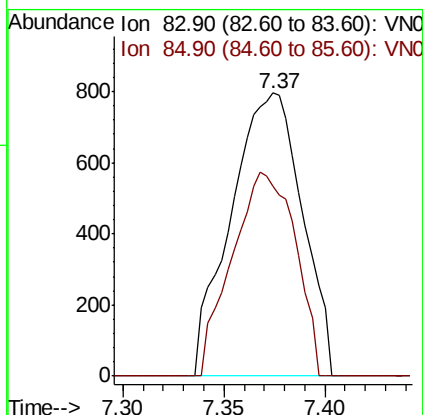
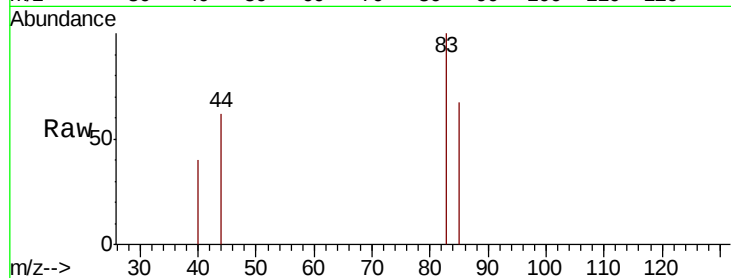




#30
Chloroform
Concen: 0.252 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.01 min
Lab File: VN055832.D
Acq: 25 May 2019 7:09

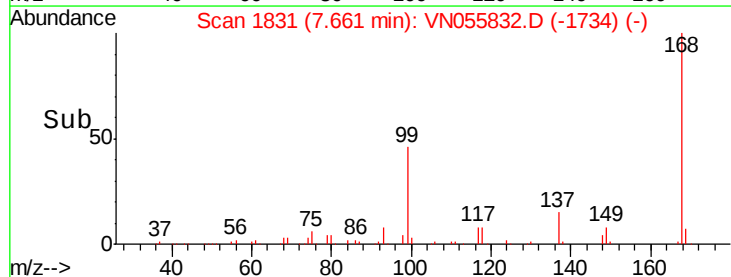
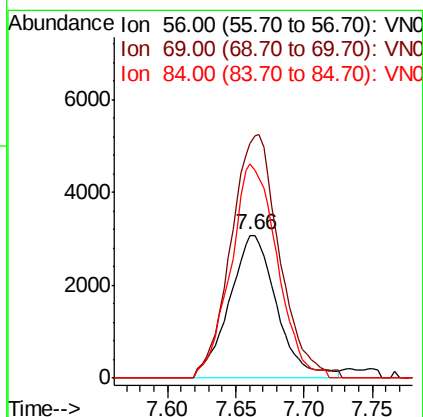
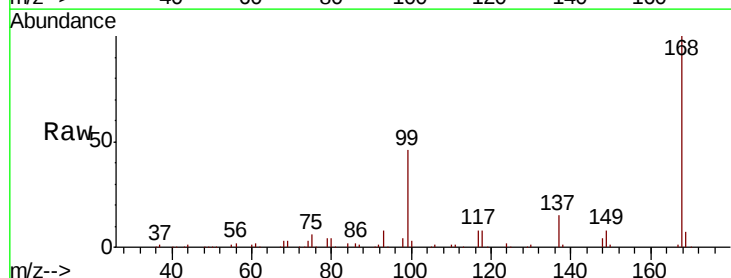
Instrument :
MSVOA_N
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TP-3-S

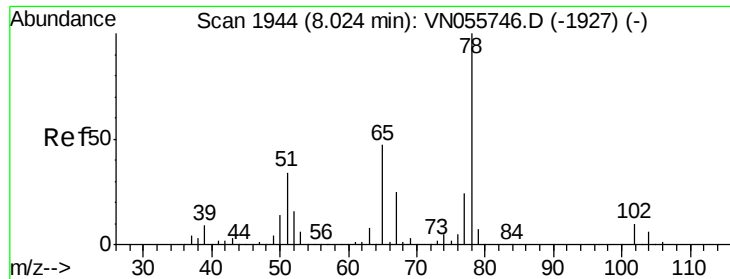
Tot Ion: 83 Resp: 1955
Ion Ratio Lower Upper
83 100
85 67.1 51.8 77.8



#31
Cyclohexane
Concen: 1.017 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN055832.D
Acq: 25 May 2019 7:09

Tgt Ion: 56 Resp: 7433
Ion Ratio Lower Upper
56 100
69 163.8 25.6 38.4#
84 149.3 67.4 101.0#

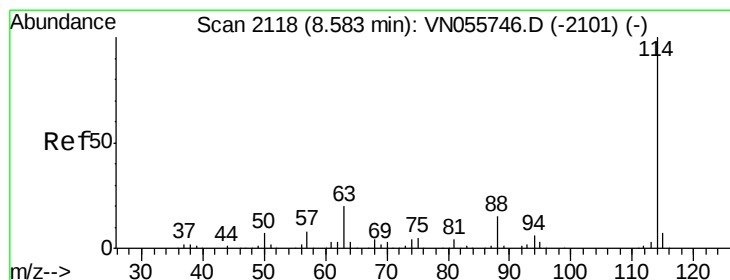
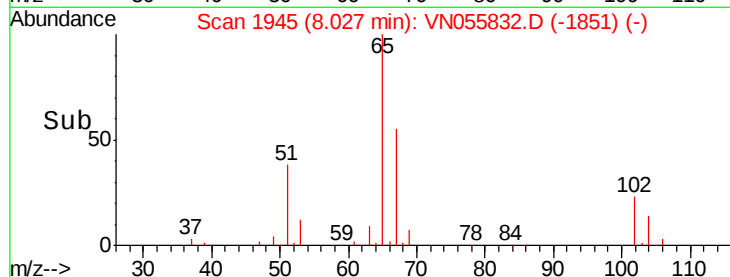
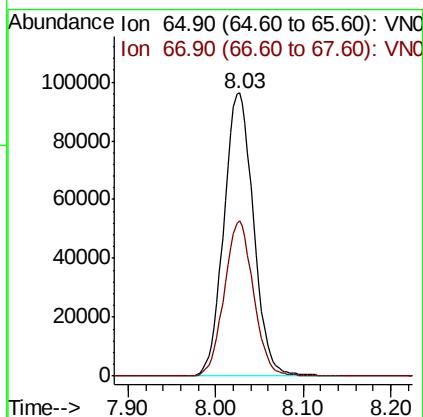
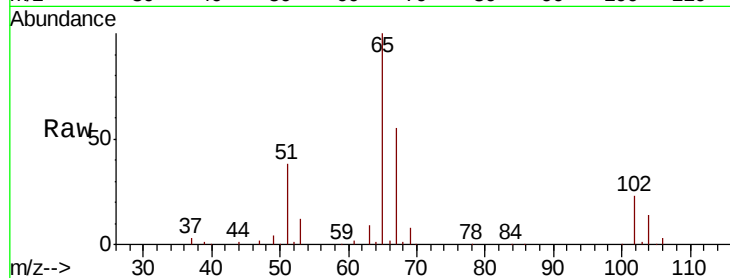




#33
 1,2-Dichloroethane-d4
 Concen: 46.516 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055832.D
 Acq: 25 May 2019 7:09

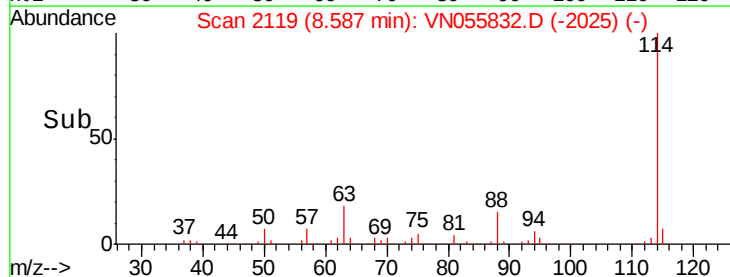
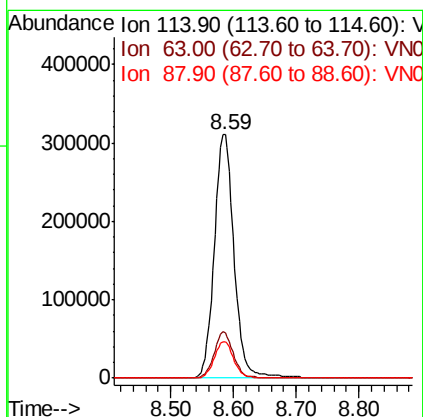
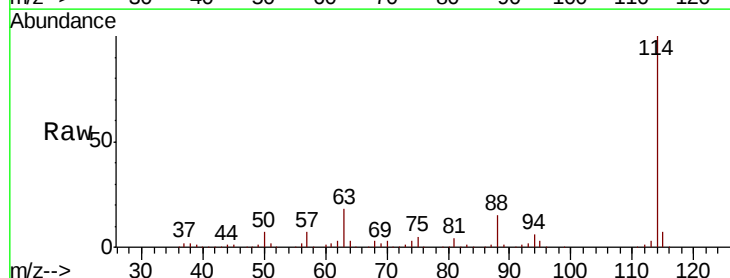
Instrument :
 MSVOA_N
 ClientSampleID :
 TP-3-S

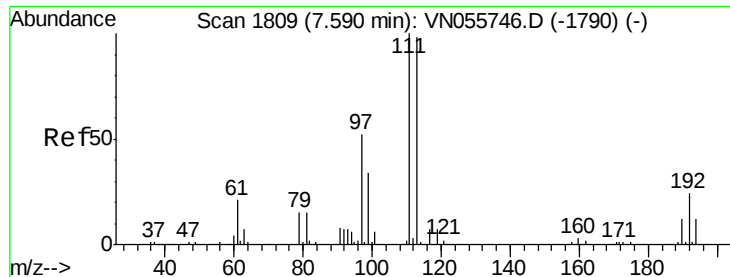
Tot Ion: 65 Resp: 226452
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055832.D
 Acq: 25 May 2019 7:09

Tgt Ion: 114 Resp: 680469
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.2
 88 15.0 0.0 31.0

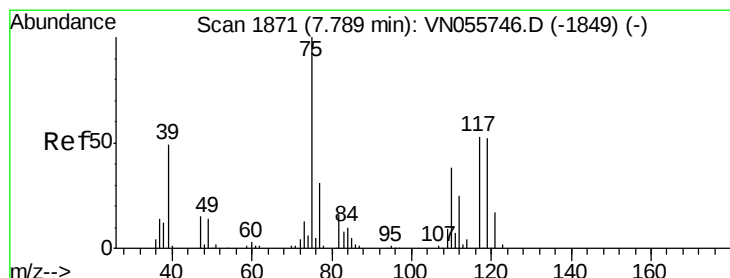
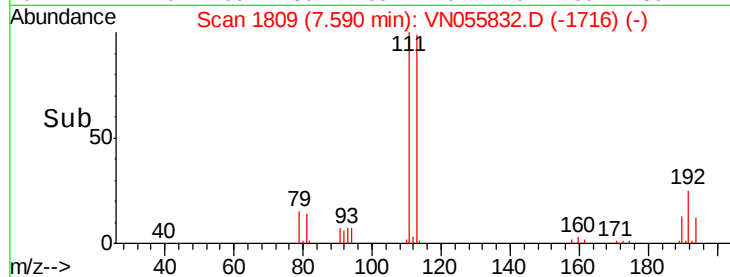
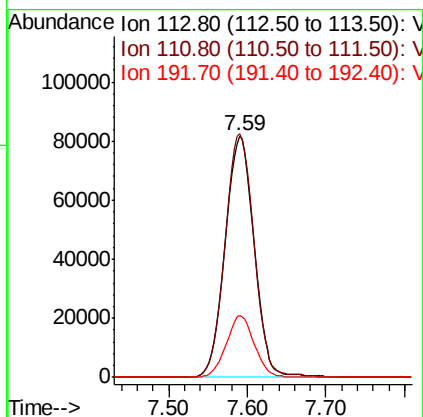
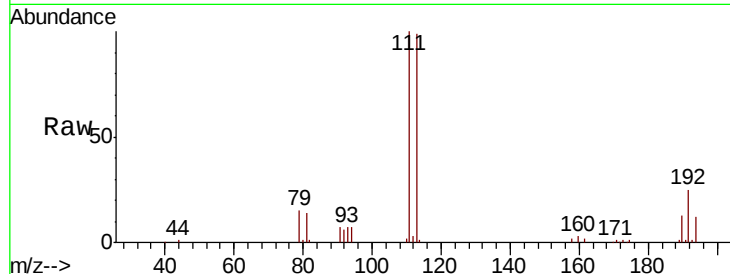




#35
 Dibromofluoromethane
 Concen: 48.319 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055832.D
 Acq: 25 May 2019 7:09

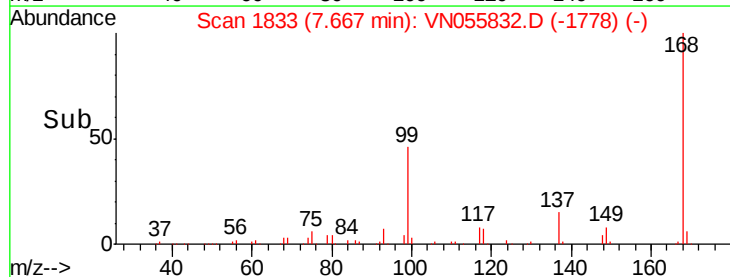
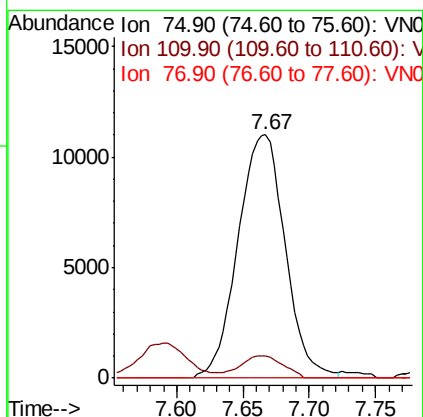
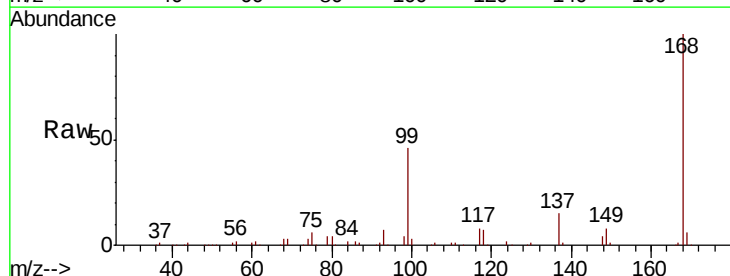
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3-S

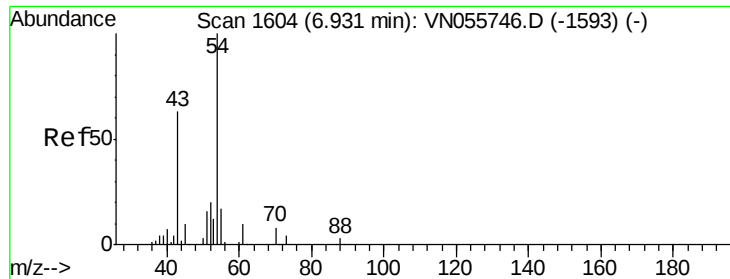
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.1	81.9	122.9
192	24.7	19.5	29.3



#36
 1,1-Dichloropropene
 Concen: 4.599 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN055832.D
 Acq: 25 May 2019 7:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	19.0	57.0#
77	0.0	25.1	37.7#

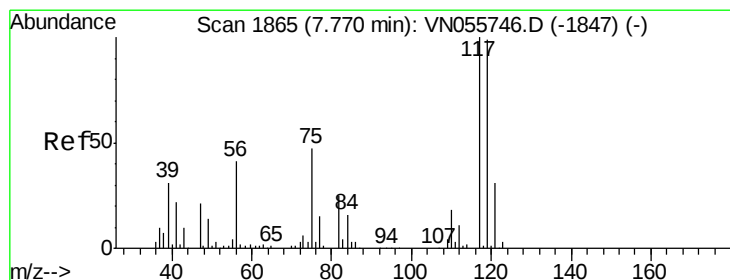
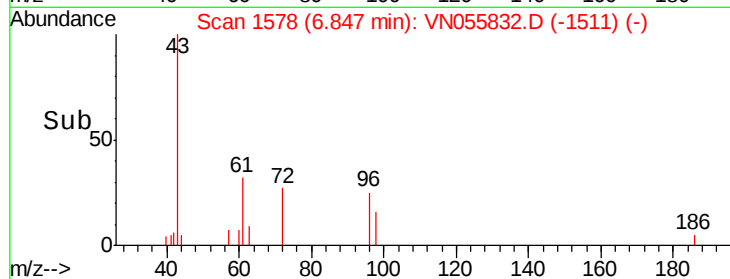
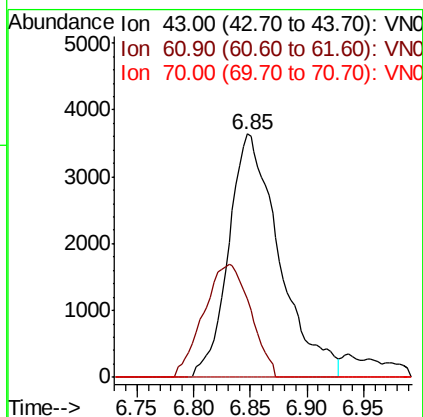
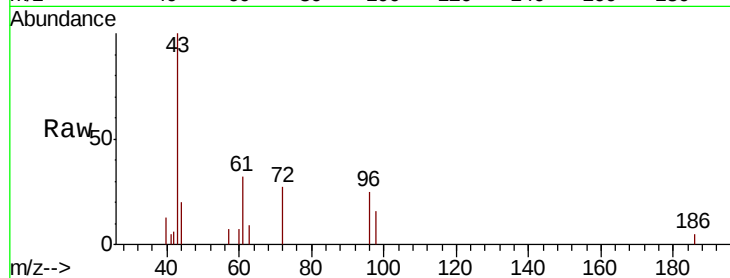




#37
Ethyl Acetate
Concen: 1.986 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. -0.08 min
Lab File: VN055832.D
Acq: 25 May 2019 7:09

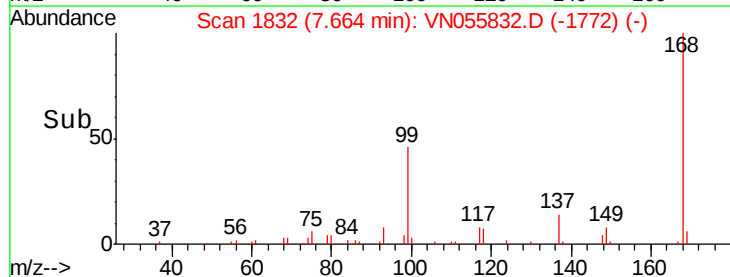
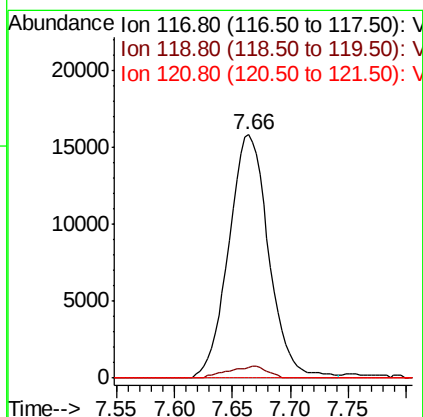
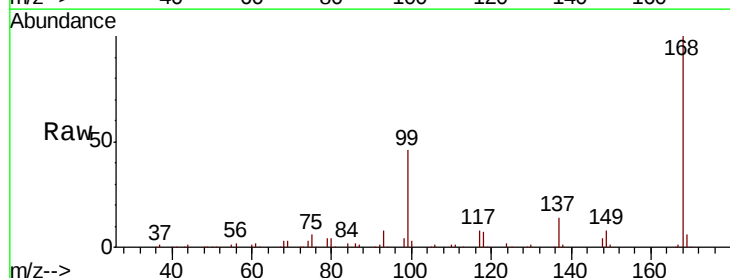
Instrument :
MSVOA_N
ClientSampleID :
TP-3-S

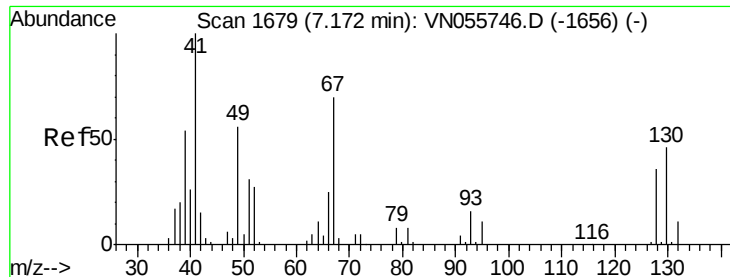
Tot Ion: 43 Resp: 11385
Ion Ratio Lower Upper
43 100
61 42.7 12.2 18.2#
70 0.0 8.9 13.3#



#38
Carbon Tetrachloride
Concen: 6.145 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN055832.D
Acq: 25 May 2019 7:09

Tgt Ion: 117 Resp: 37955
Ion Ratio Lower Upper
117 100
119 4.4 79.0 118.6#
121 0.0 24.7 37.1#

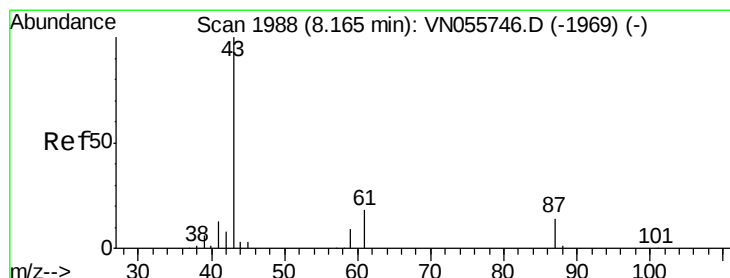
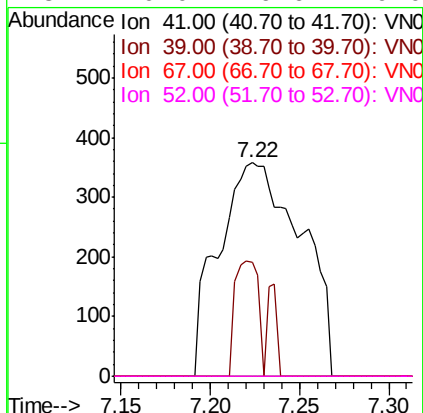
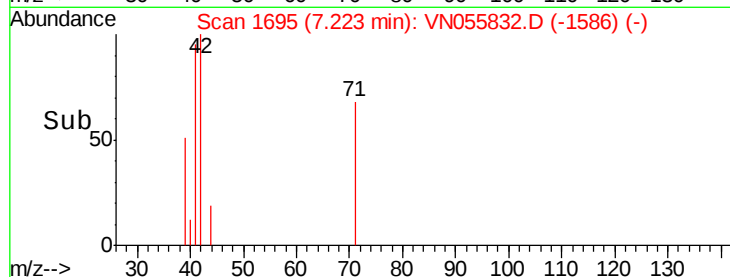
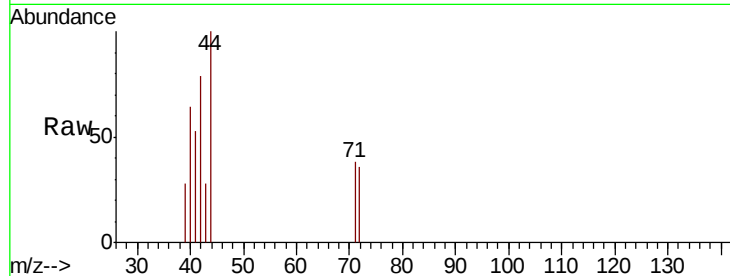




#41
Methacrylonitrile
Concen: 0.398 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.05 min
Lab File: VN055832.D
Acq: 25 May 2019 7:09

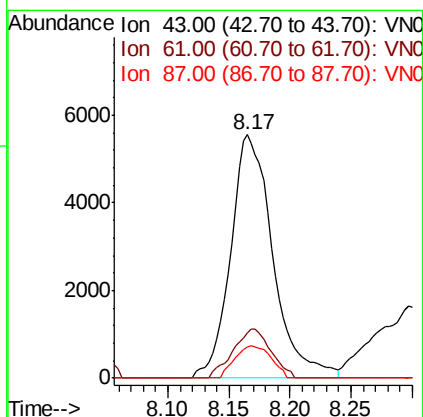
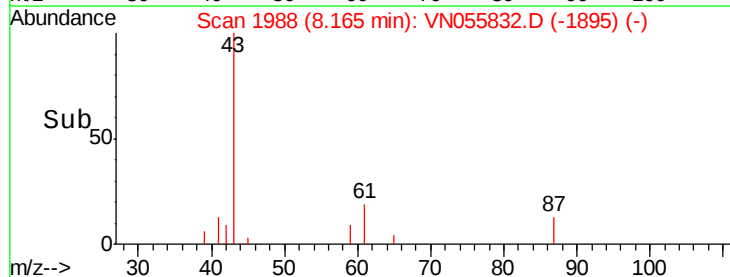
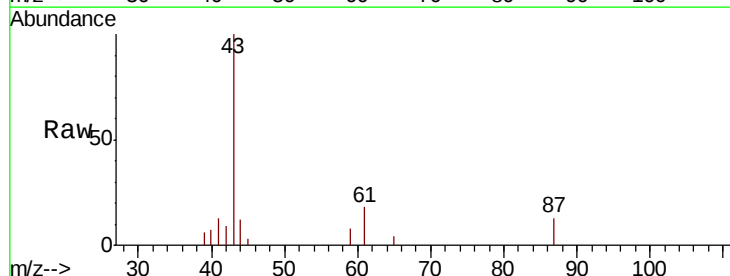
Instrument :
MSVOA_N
ClientSampled :
TP-3-S

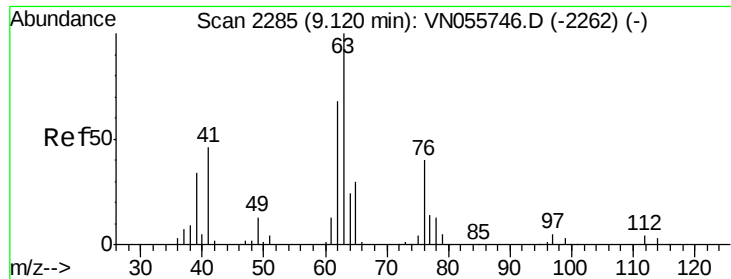
Tot Ion: 41 Resp: 1152
Ion Ratio Lower Upper
41 100
39 15.1 45.6 68.4#
67 0.0 67.7 101.5#
52 0.0 26.6 40.0#



#43
Isopropyl Acetate
Concen: 1.386 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN055832.D
Acq: 25 May 2019 7:09

Tgt Ion: 43 Resp: 13347
Ion Ratio Lower Upper
43 100
61 17.9 22.2 33.4#
87 11.3 11.4 17.2#

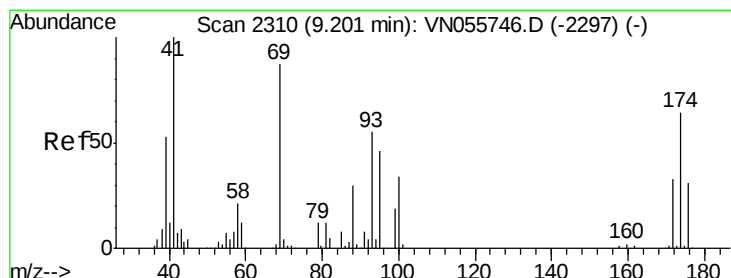
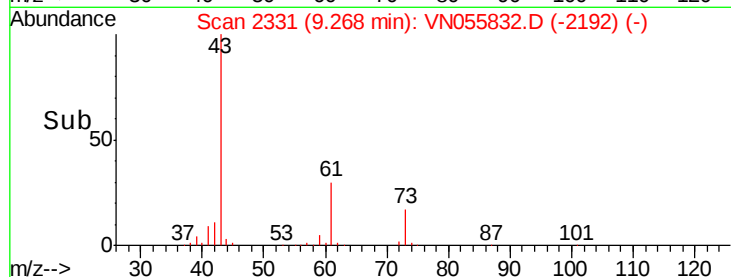
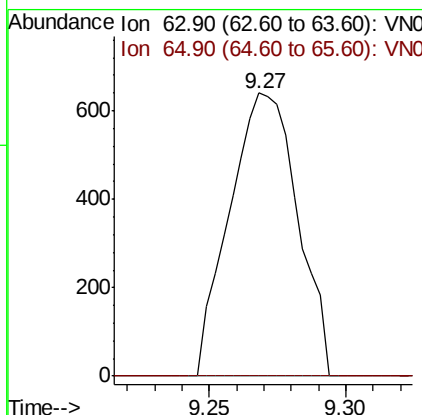
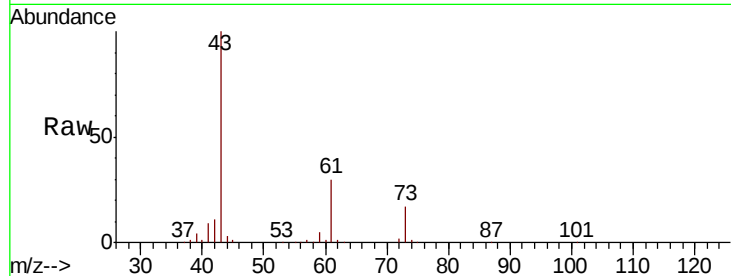




#45
 1,2-Dichloropropane
 Concen: 0.238 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN055832.D
 Acq: 25 May 2019 7:09

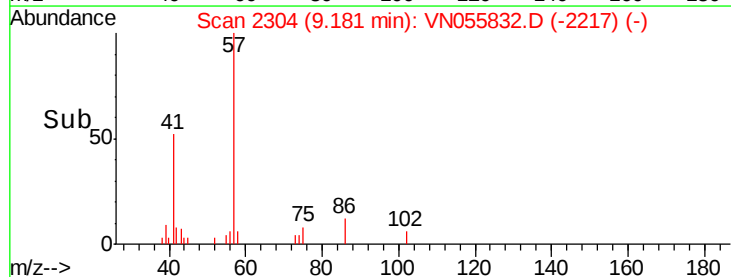
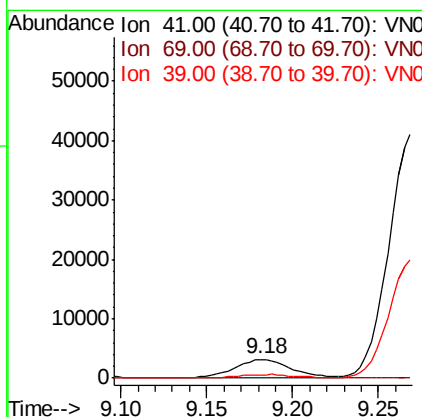
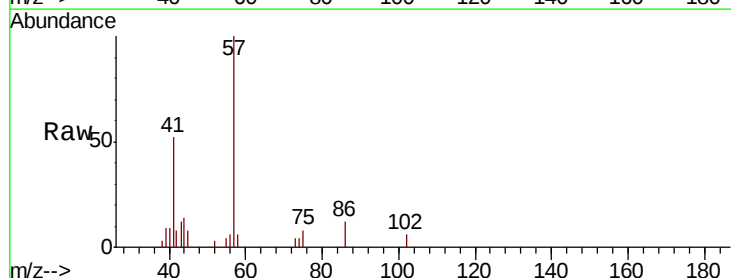
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3-S

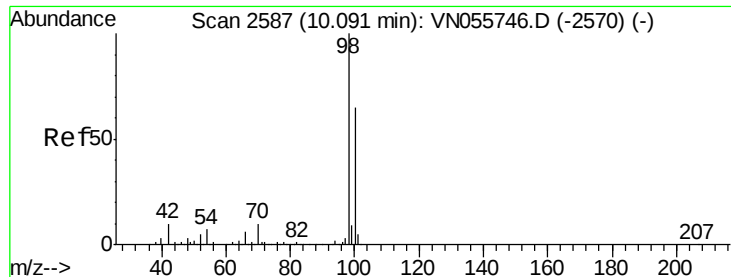
Tot Ion: 63 Resp: 1107
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.6 36.8#



#48
 Methyl methacrylate
 Concen: 1.605 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN055832.D
 Acq: 25 May 2019 7:09

Tgt Ion: 41 Resp: 7123
 Ion Ratio Lower Upper
 41 100
 69 0.0 71.0 106.6#
 39 18.5 44.2 66.2#





#50

Toluene-d8

Concen: 47.703 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055832.D

Acq: 25 May 2019 7:09

Instrument :

MSVOA_N

ClientSampled :

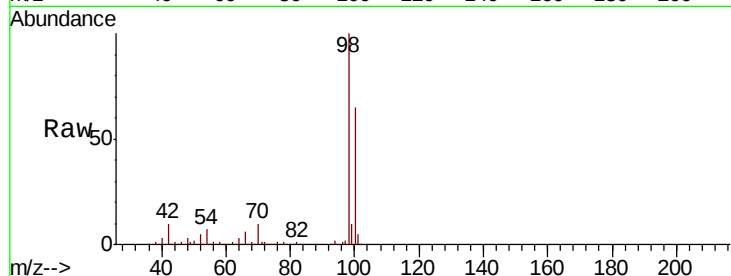
TP-3-S

Tot Ion: 98 Resp: 787226

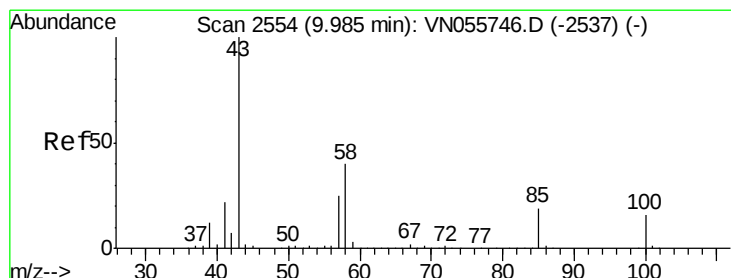
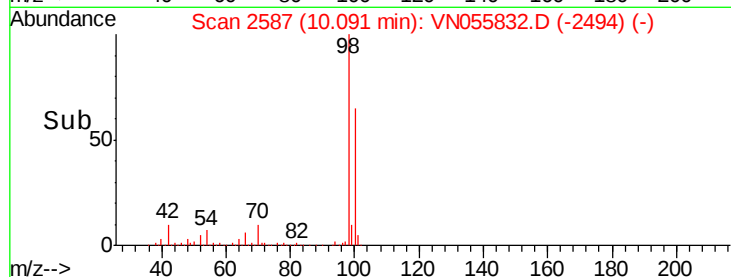
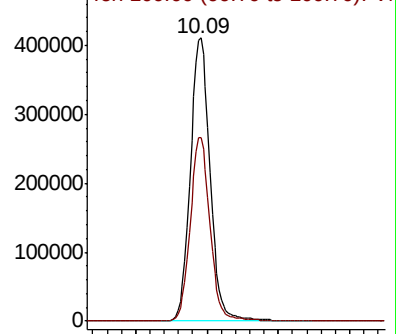
Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055746.D (-2570) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.901 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055832.D

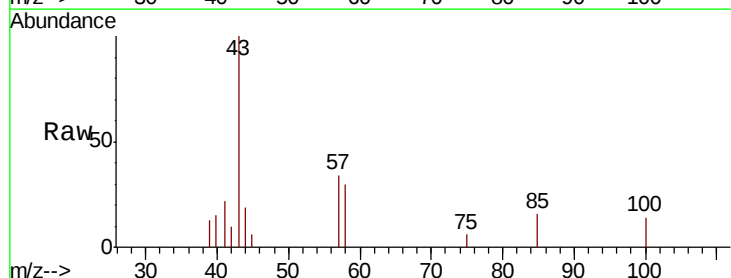
Acq: 25 May 2019 7:09

Tgt Ion: 43 Resp: 5125

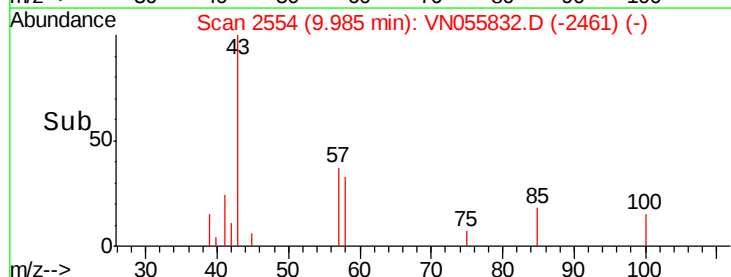
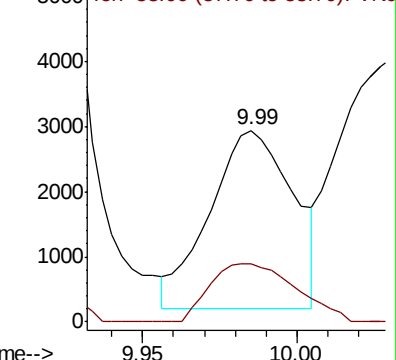
Ion Ratio Lower Upper

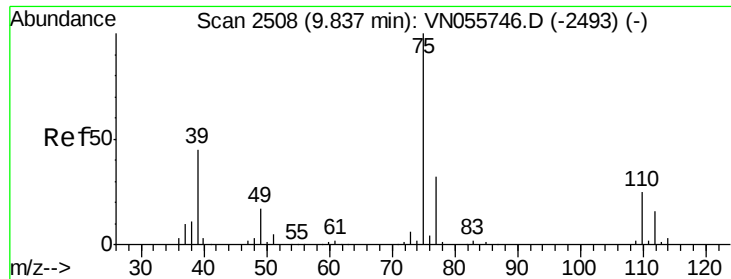
43 100

58 33.9 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-2537) (-)



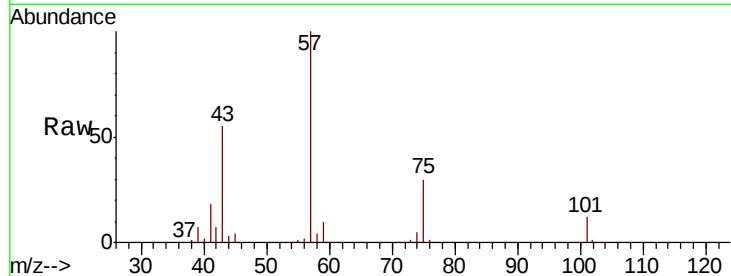


#54

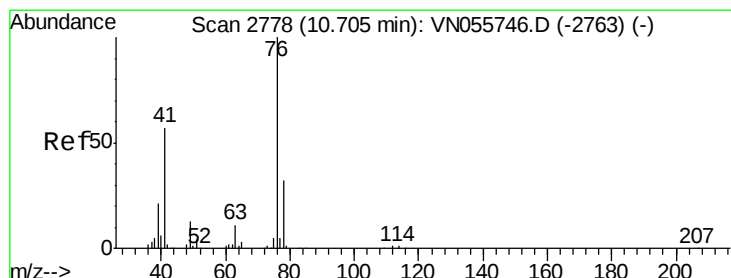
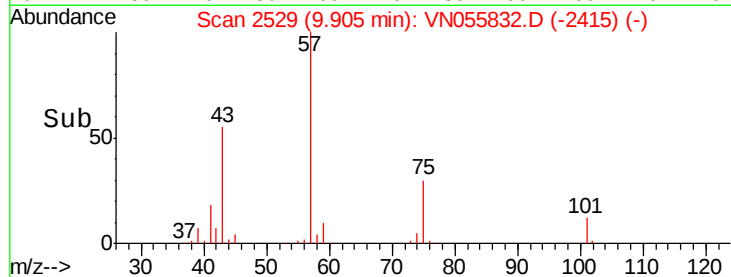
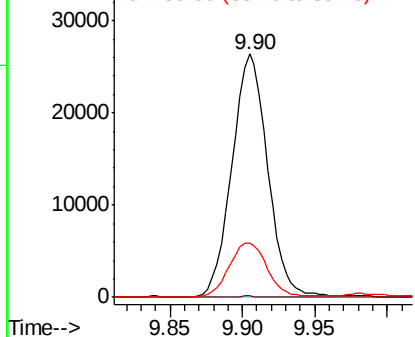
cis-1,3-Dichloropropene
 Concen: 6.105 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN055832.D
 Acq: 25 May 2019 7:09

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3-S

Tot Ion: 75 Resp: 45203
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.4 38.0#
 39 22.2 36.3 54.5#



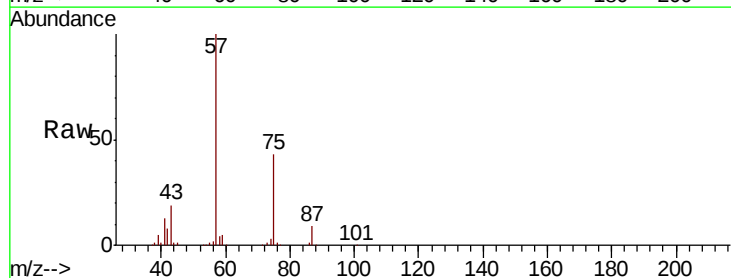
Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0



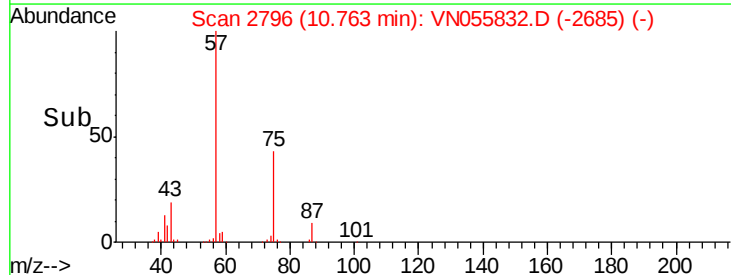
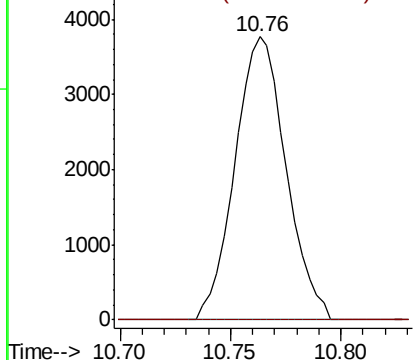
#57

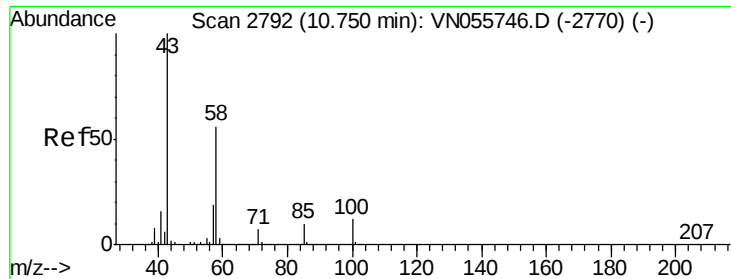
1,3-Dichloropropane
 Concen: 0.827 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055832.D
 Acq: 25 May 2019 7:09

Tgt Ion: 76 Resp: 6054
 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

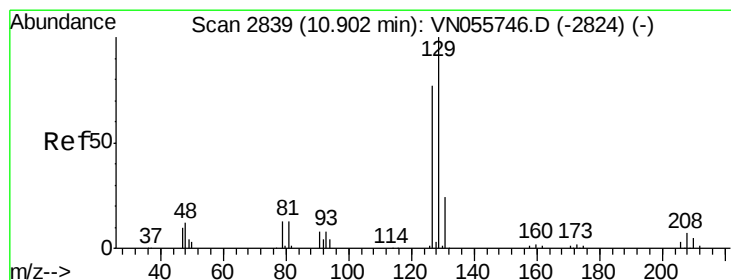
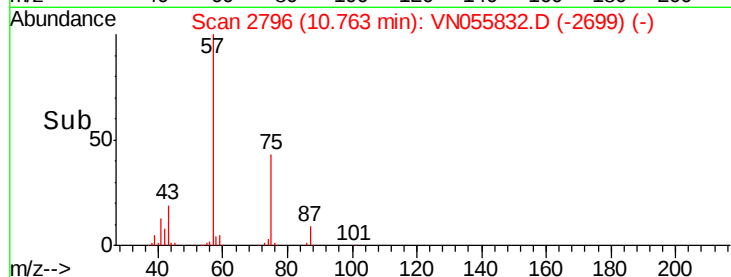
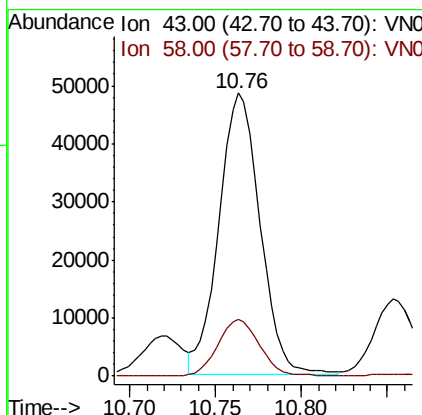
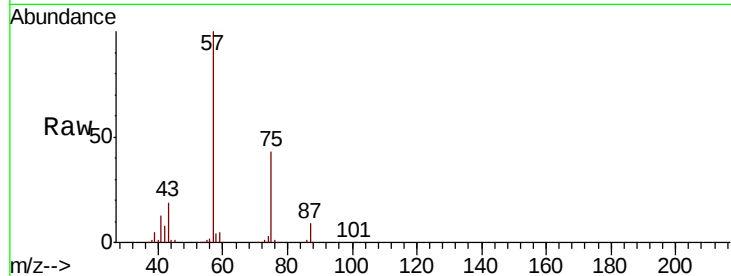




#59
2-Hexanone
Concen: 19.861 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055832.D
Acq: 25 May 2019 7:09

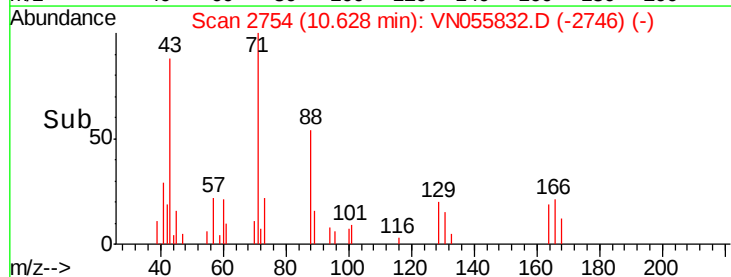
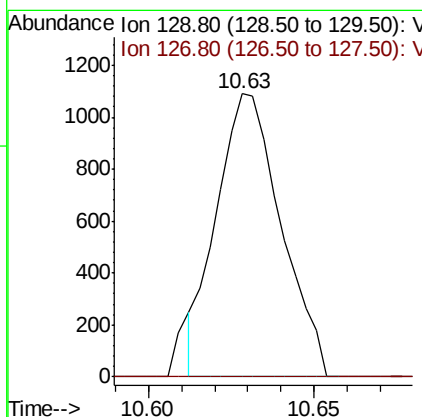
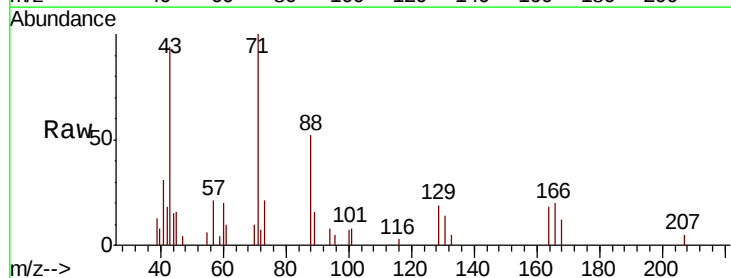
Instrument :
MSVOA_N
ClientSampled :
TP-3-S

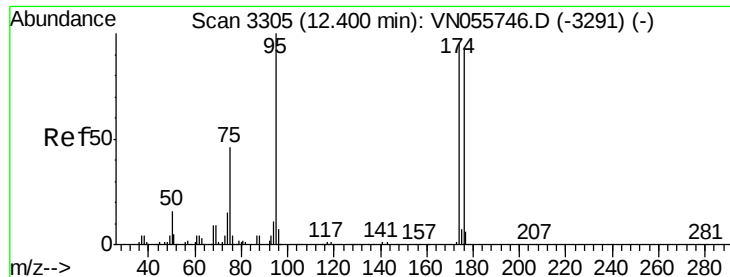
Tot Ion: 43 Resp: 80133
Ion Ratio Lower Upper
43 100
58 20.7 28.2 84.7#



#60
Dibromochloromethane
Concen: 0.281 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.27 min
Lab File: VN055832.D
Acq: 25 May 2019 7:09

Tgt Ion: 129 Resp: 1475
Ion Ratio Lower Upper
129 100
127 0.0 38.1 114.3#





#62

4-Bromofluorobenzene

Concen: 46.101 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055832.D

Acq: 25 May 2019 7:09

Instrument :

MSVOA_N

ClientSampleId :

TP-3-S

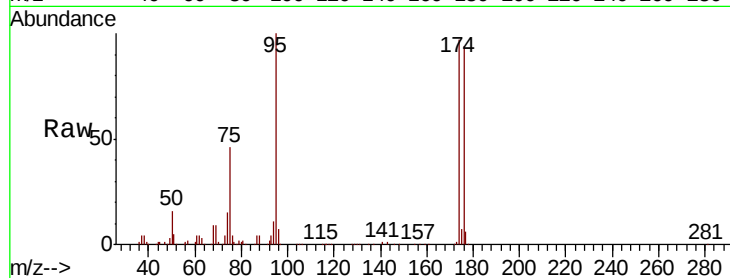
Tot Ion: 95 Resp: 260867

Ion Ratio Lower Upper

95 100

174 97.7 0.0 191.0

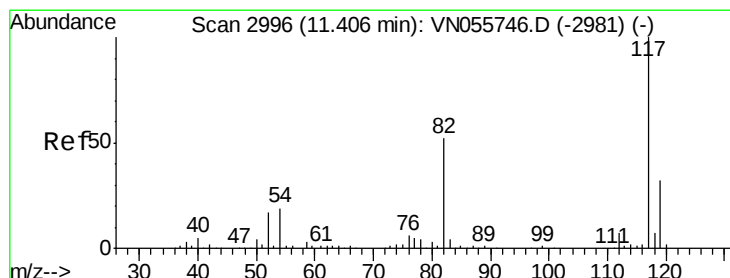
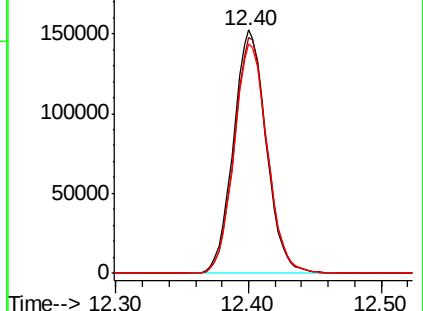
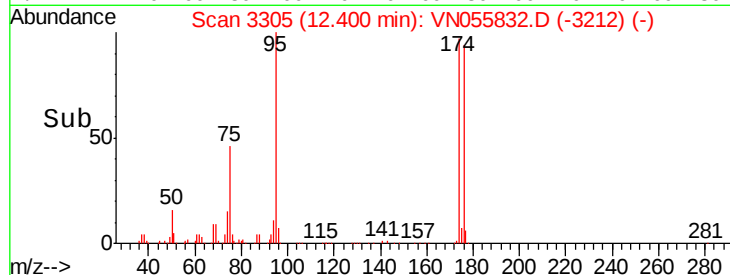
176 95.7 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055832.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055832.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055832.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055832.D

Acq: 25 May 2019 7:09

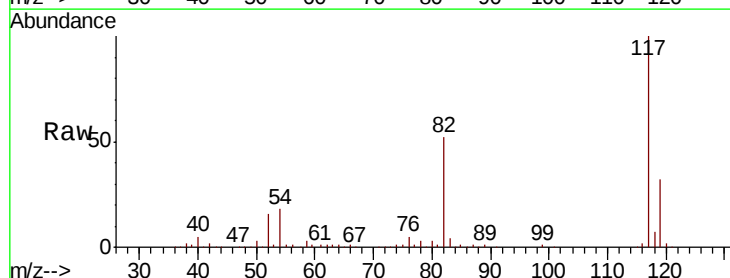
Tgt Ion: 117 Resp: 611566

Ion Ratio Lower Upper

117 100

82 51.7 41.8 62.8

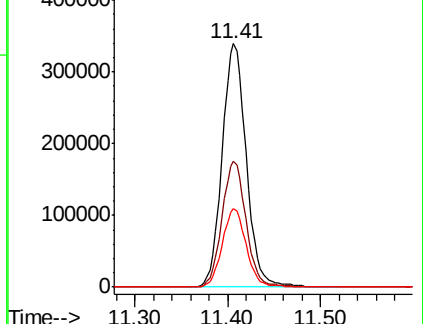
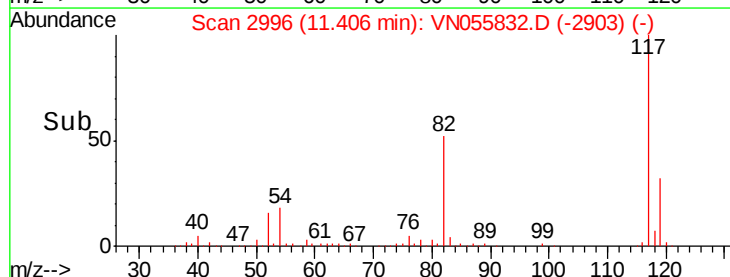
119 32.0 25.4 38.0

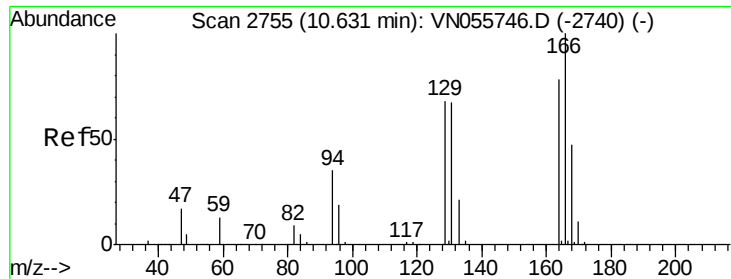


Abundance Ion 116.90 (116.60 to 117.60): VN055832.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055832.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055832.D (-2903) (-)

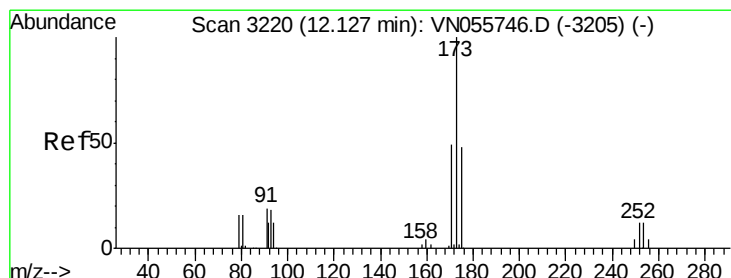
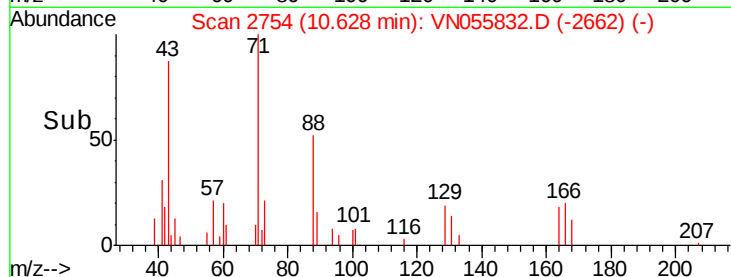
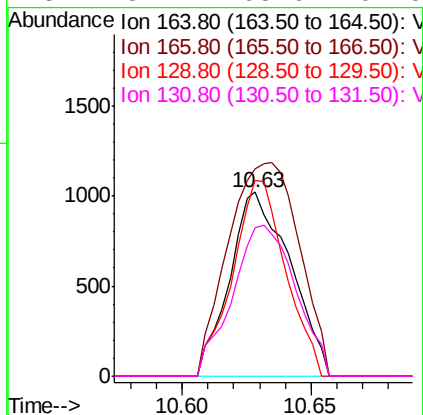
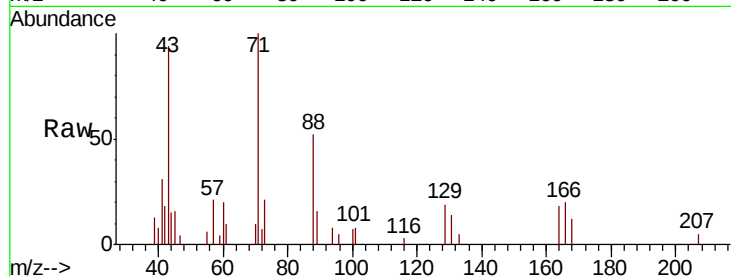




#64
Tetrachloroethene
Concen: 0.323 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN055832.D
Acq: 25 May 2019 7:09

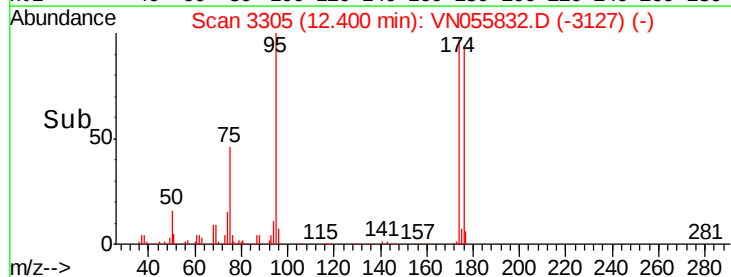
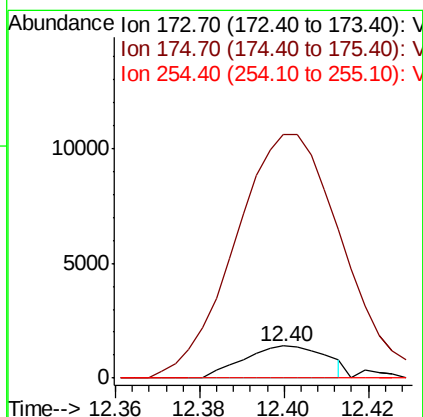
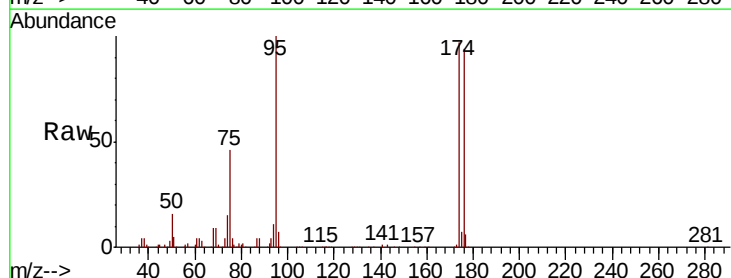
Instrument :
MSVOA_N
ClientSampleId :
TP-3-S

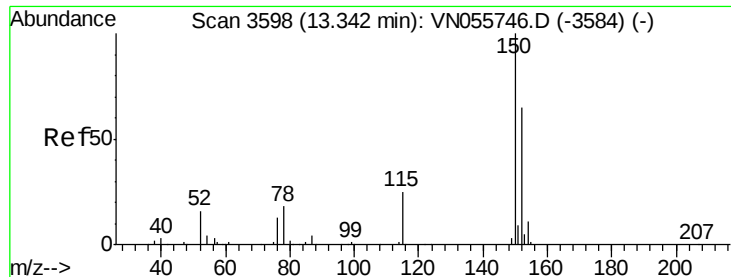
Tot Ion	Ratio	Lower	Upper
164	100		
166	112.8	103.0	154.6
129	106.9	70.6	105.8#
131	81.1	68.6	102.8



#71
Bromoform
Concen: 0.455 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055832.D
Acq: 25 May 2019 7:09

Tgt Ion	Ratio	Lower	Upper
173	100		
175	861.1	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: VN055832.D

Acq: 25 May 2019 7:09

Instrument :

MSVOA_N

ClientSampled :

TP-3-S

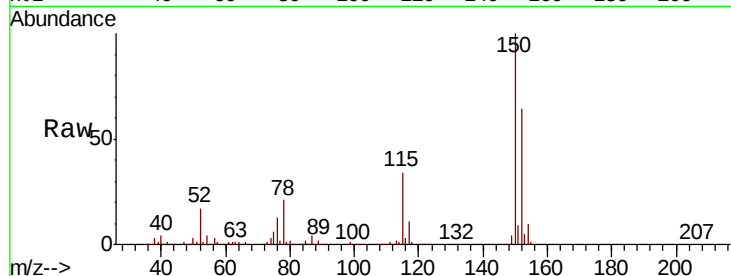
Tot Ion:152 Resp: 227003

Ion Ratio Lower Upper

152 100

115 52.9 27.0 81.0

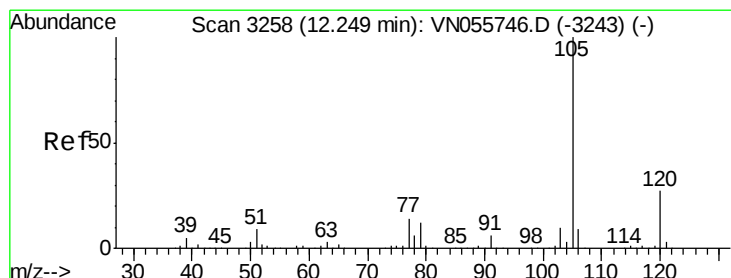
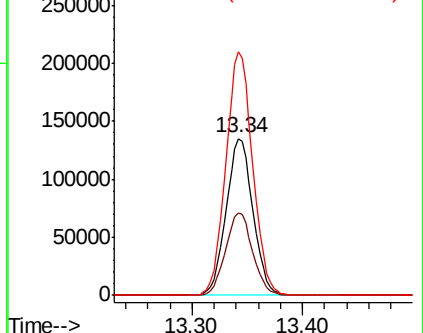
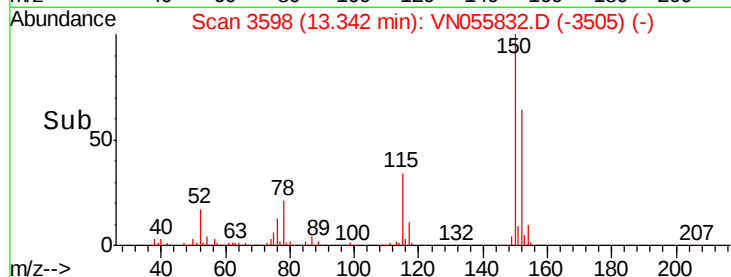
150 155.2 0.0 343.2



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: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055832.D

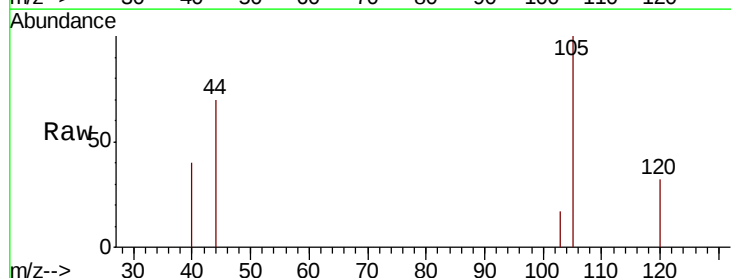
Acq: 25 May 2019 7:09

Tgt Ion:105 Resp: 1510

Ion Ratio Lower Upper

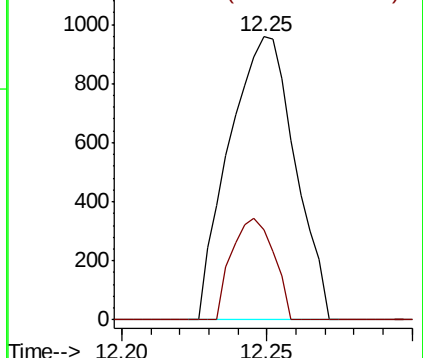
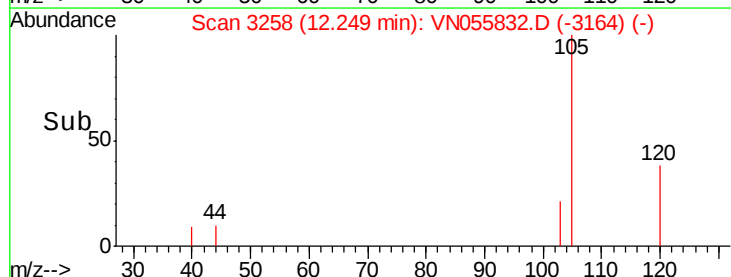
105 100

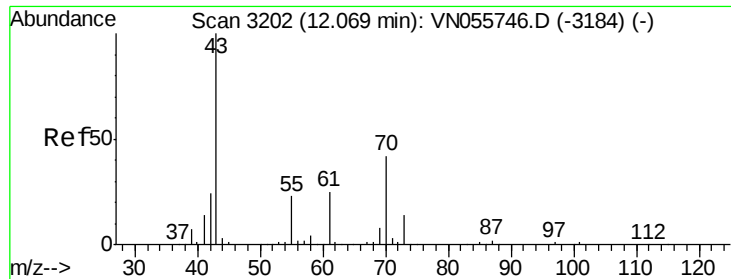
120 22.9 13.6 40.7



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: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055832.D

Acq: 25 May 2019 7:09

Instrument :

MSVOA_N

ClientSampled :

TP-3-S

Tot Ion: 43 Resp: 1620

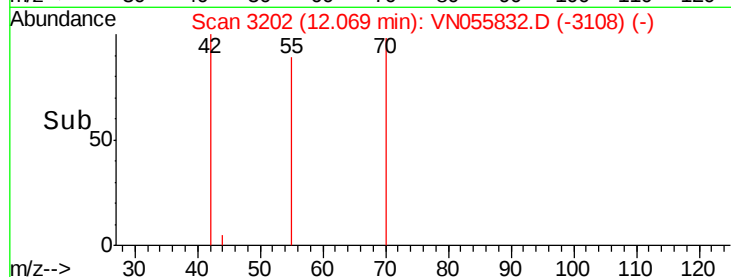
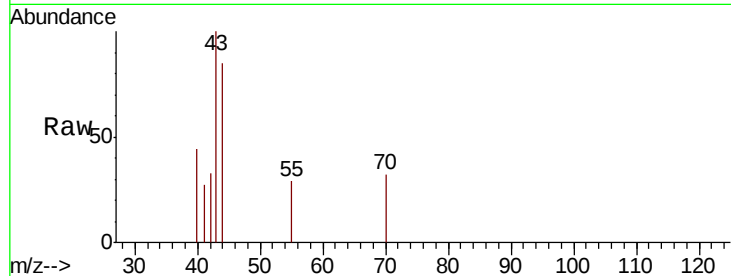
Ion Ratio Lower Upper

43 100

70 19.0 34.0 51.0#

55 12.0 18.6 28.0#

61 0.0 20.0 30.0#

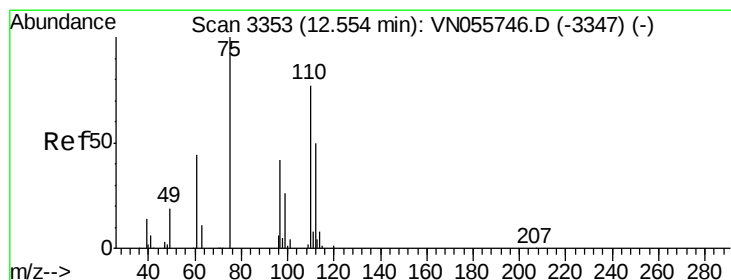
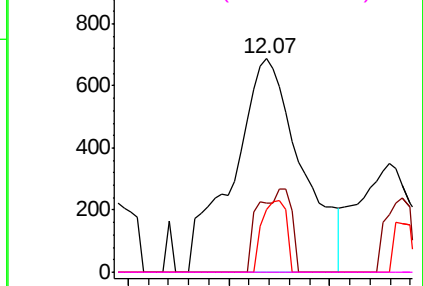


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 29.581 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055832.D

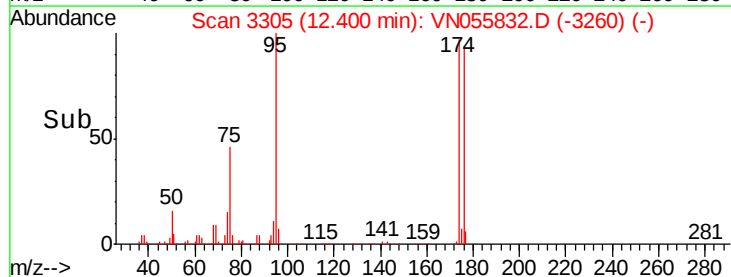
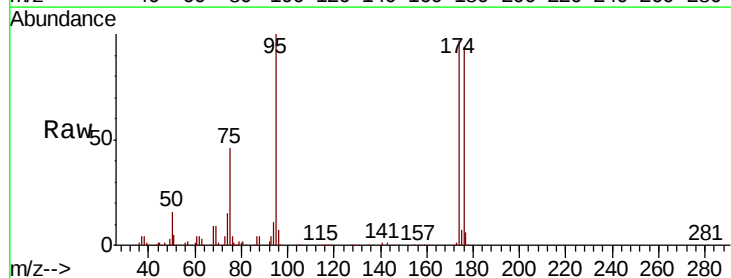
Acq: 25 May 2019 7:09

Tgt Ion: 75 Resp: 120653

Ion Ratio Lower Upper

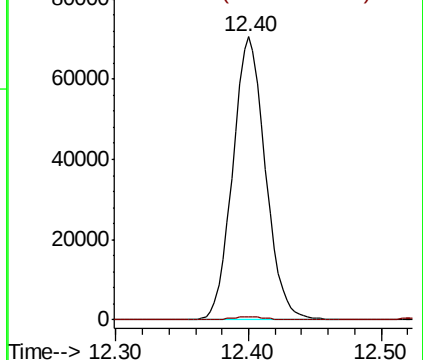
75 100

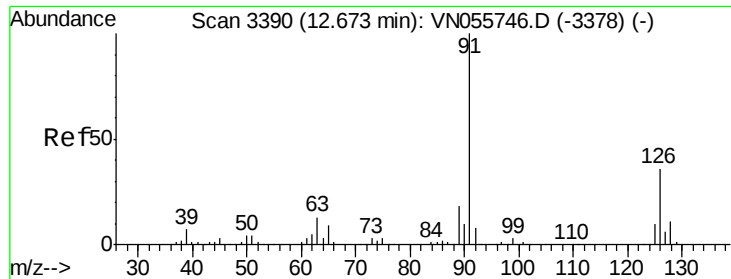
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

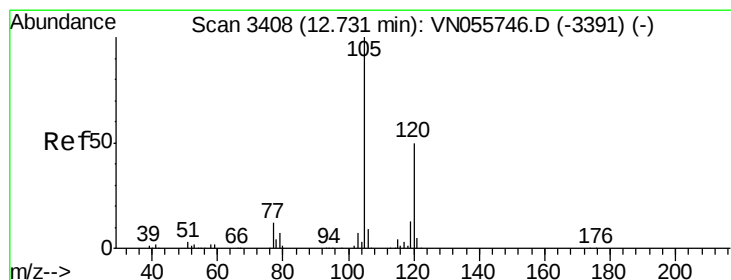
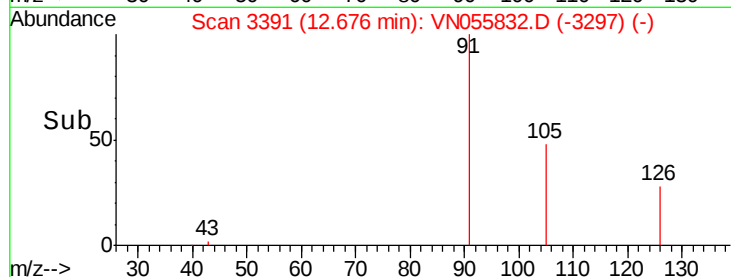
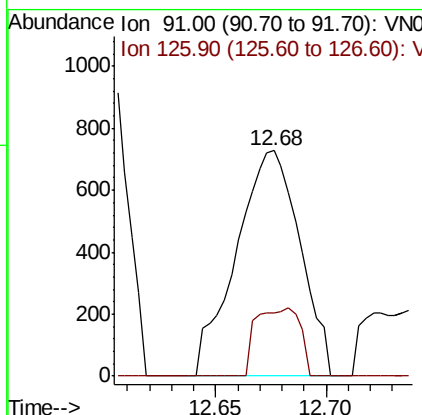
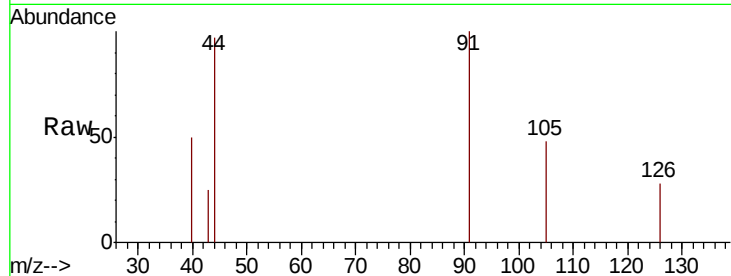




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN055832.D
 Acq: 25 May 2019 7:09

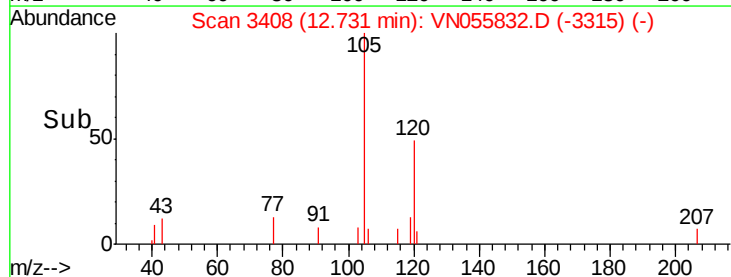
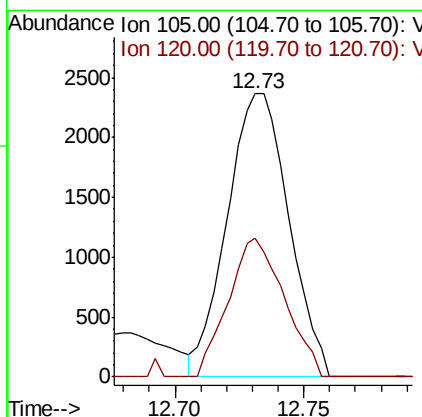
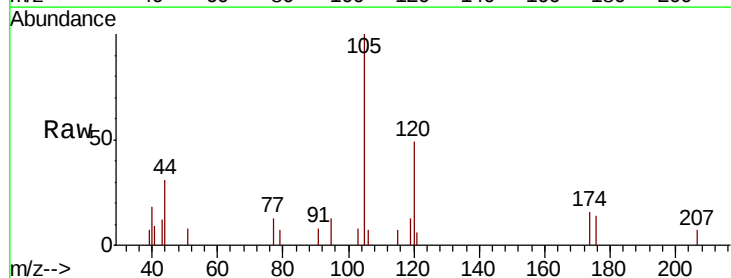
Instrument :
 MSVOA_N
 ClientSampled :
 TP-3-S

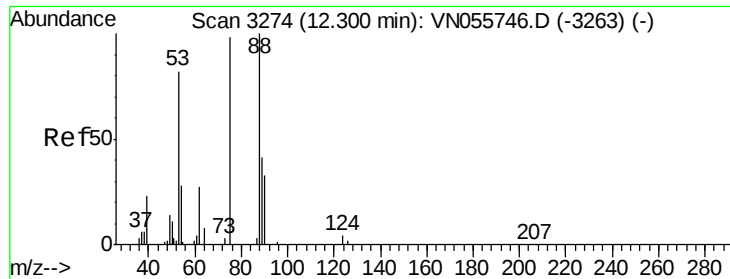
Tot Ion: 91 Resp: 1460
 Ion Ratio Lower Upper
 91 100
 126 20.8 18.1 54.4



#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055832.D
 Acq: 25 May 2019 7:09

Tgt Ion: 105 Resp: 3937
 Ion Ratio Lower Upper
 105 100
 120 44.4 24.7 74.1

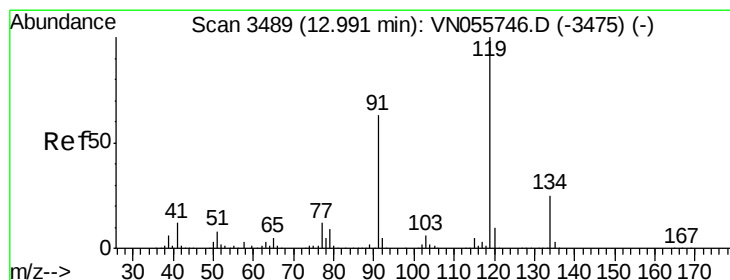
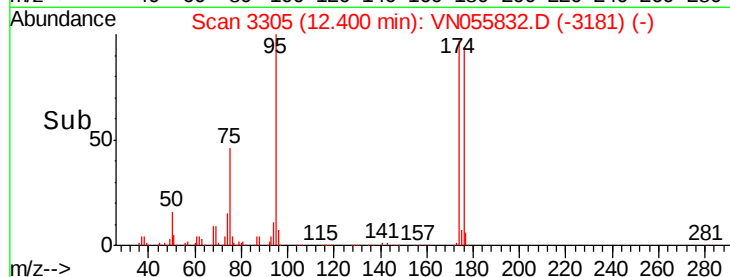
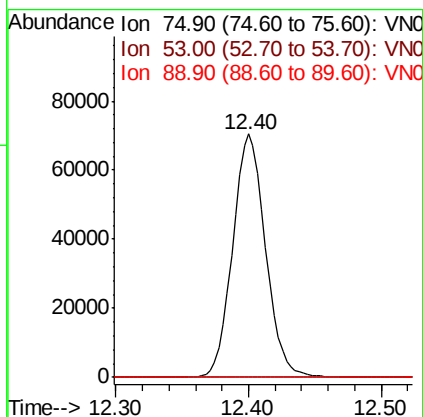
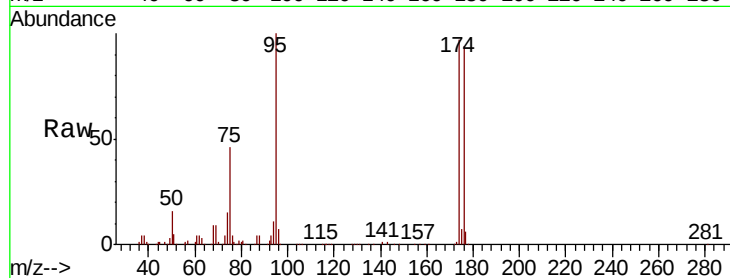




#81
trans-1,4-Dichloro-2-butene
Concen: 71.513 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055832.D
Acq: 25 May 2019 7:09

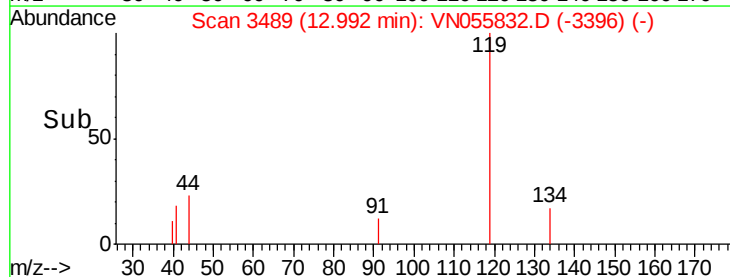
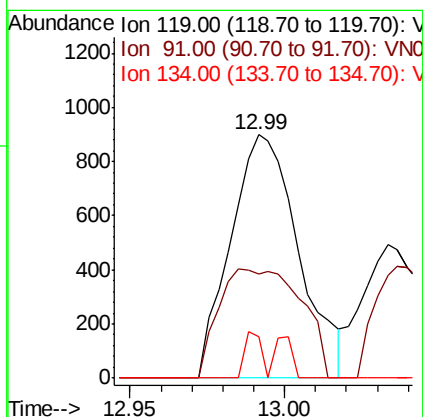
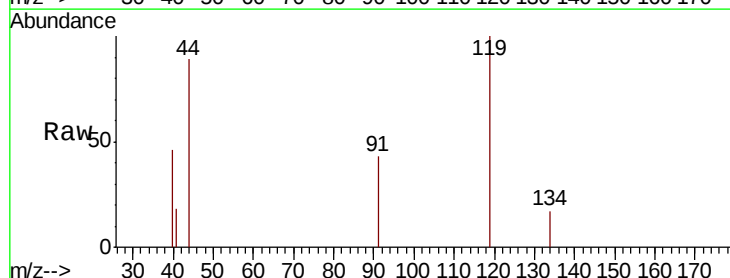
Instrument :
MSVOA_N
ClientSampled :
TP-3-S

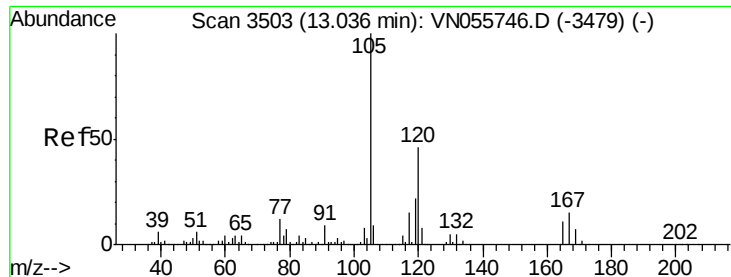
Tot Ion: 75 Resp: 120653
Ion Ratio Lower Upper
75 100
53 0.0 68.1 102.1#
89 0.0 36.9 55.3#



#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055832.D
Acq: 25 May 2019 7:09

Tgt Ion: 119 Resp: 1373
Ion Ratio Lower Upper
119 100
91 54.3 30.9 92.8
134 4.5 13.3 39.8#

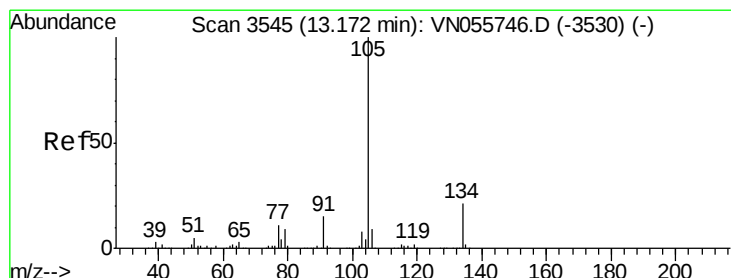
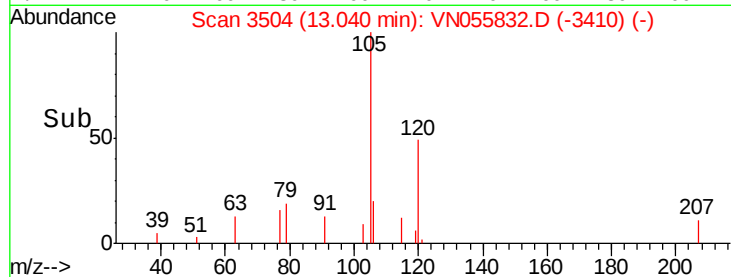
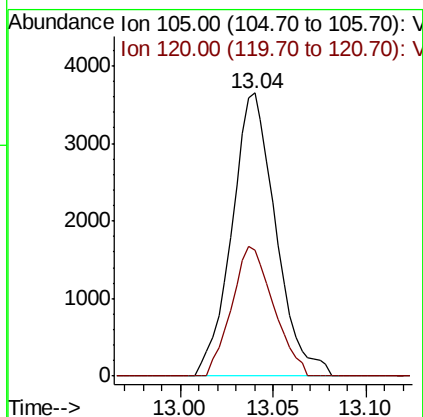
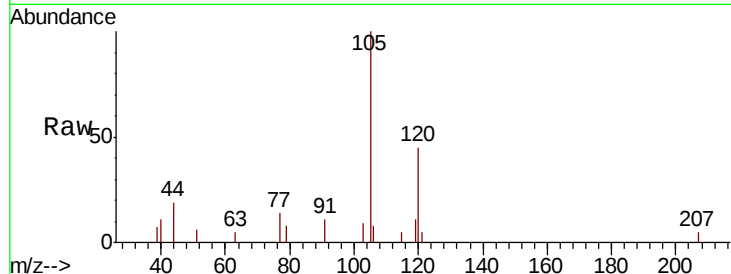




#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055832.D
 Acq: 25 May 2019 7:09

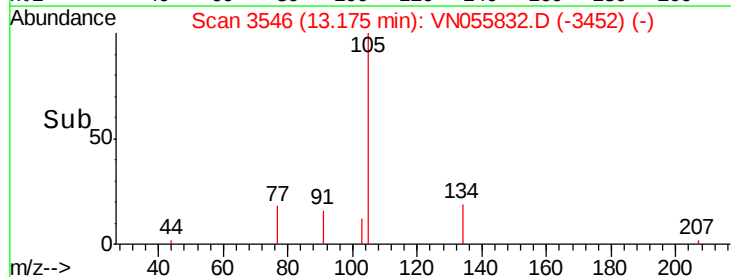
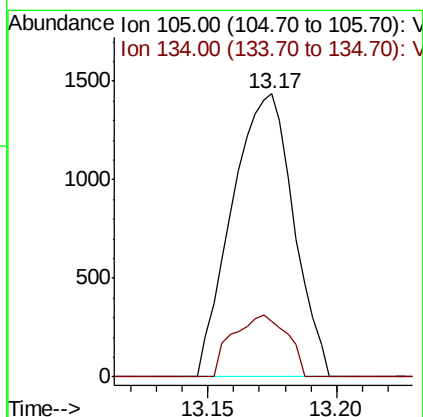
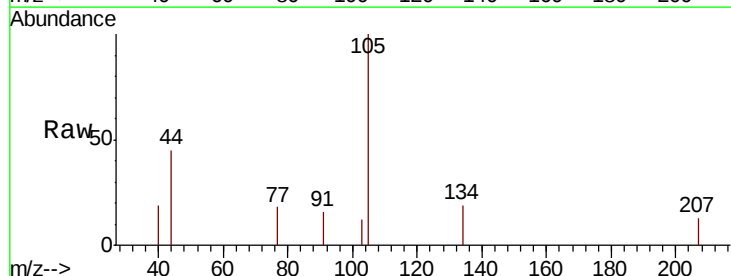
Instrument :
 MSVOA_N
 ClientSampled :
 TP-3-S

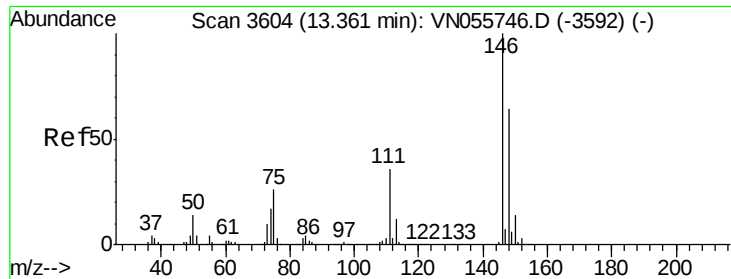
Tot Ion:105 Resp: 6015
 Ion Ratio Lower Upper
 105 100
 120 43.7 23.0 69.0



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN055832.D
 Acq: 25 May 2019 7:09

Tgt Ion:105 Resp: 2395
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.2

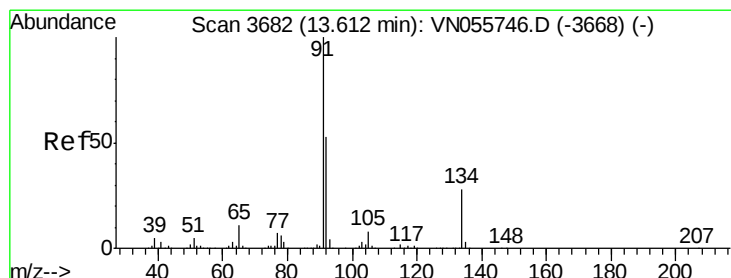
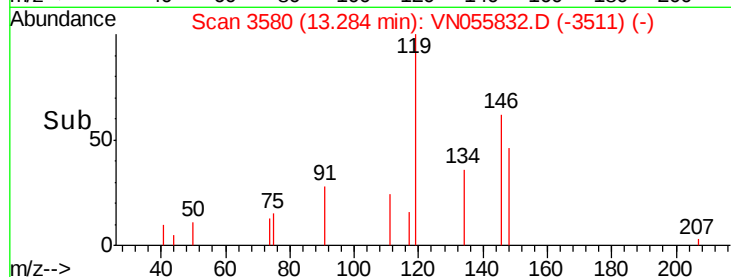
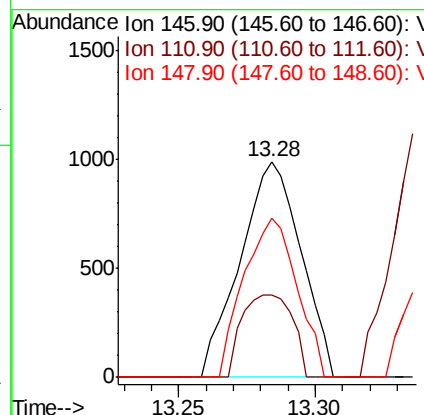
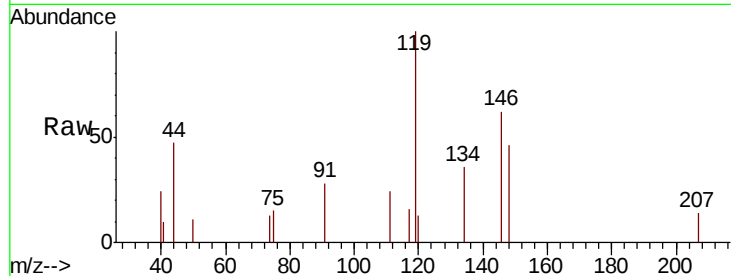




#88
 1,4-Dichlorobenzene
 Concen: 0.210 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.08 min
 Lab File: VN055832.D
 Acq: 25 May 2019 7:09

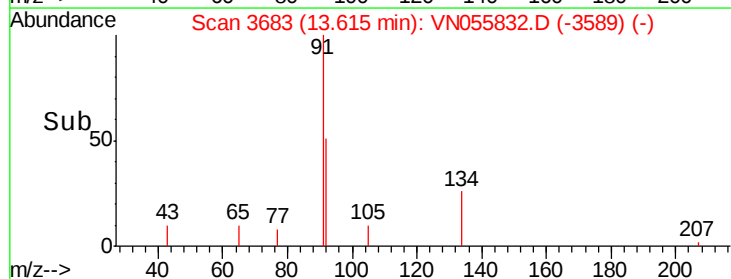
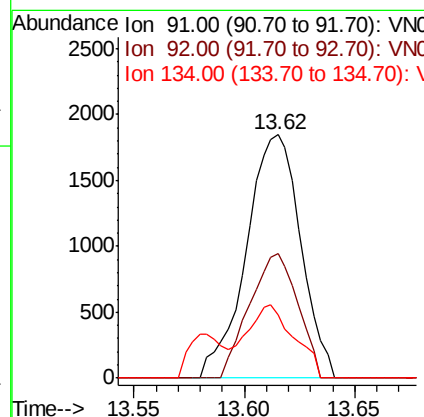
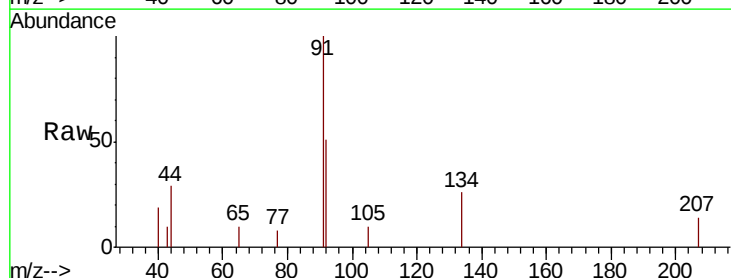
Instrument :
 MSVOA_N
 ClientSampled :
 TP-3-S

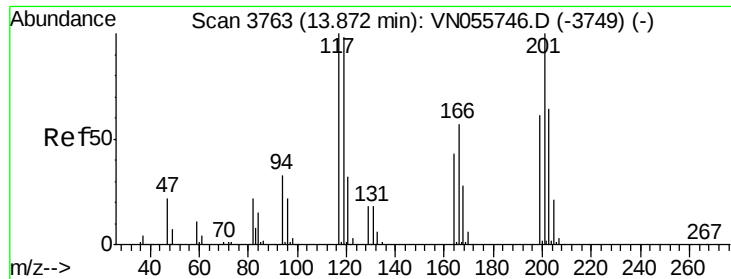
Tot Ion:146 Resp: 1530
 Ion Ratio Lower Upper
 146 100
 111 31.6 18.1 54.4
 148 64.4 32.1 96.5



#89
 n-Butylbenzene
 Concen: 0.262 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN055832.D
 Acq: 25 May 2019 7:09

Tgt Ion: 91 Resp: 3162
 Ion Ratio Lower Upper
 91 100
 92 45.6 26.4 79.0
 134 26.4 13.9 41.7





#90

Hexachloroethane

Concen: 0.234 ug/l

RT: 13.99 min Scan# 3801

Delta R.T. 0.12 min

Lab File: VN055832.D

Acq: 25 May 2019 7:09

Instrument :

MSVOA_N

ClientSampleId :

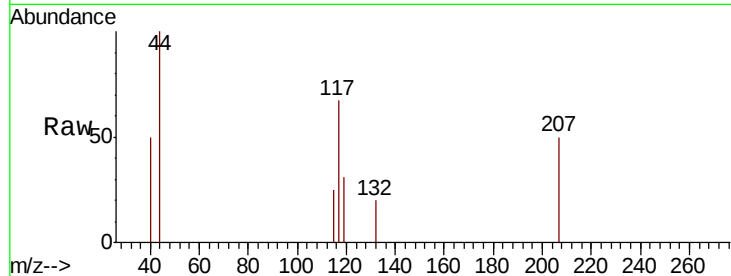
TP-3-S

Tot Ion:117 Resp: 702

Ion Ratio Lower Upper

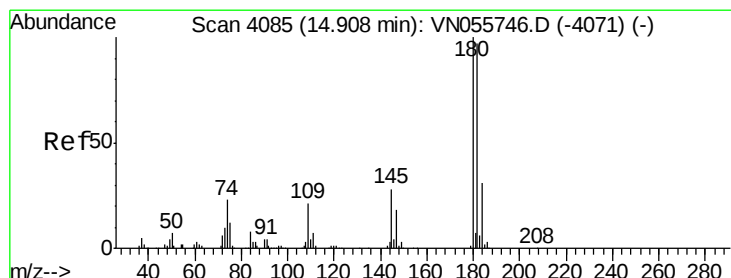
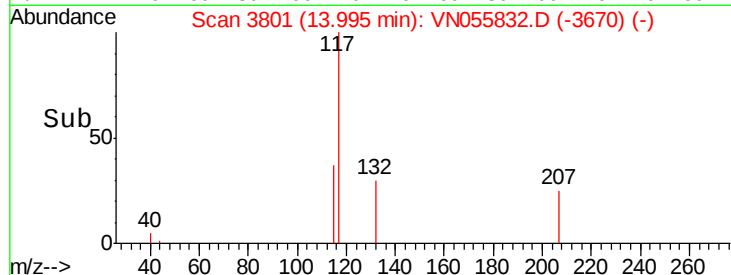
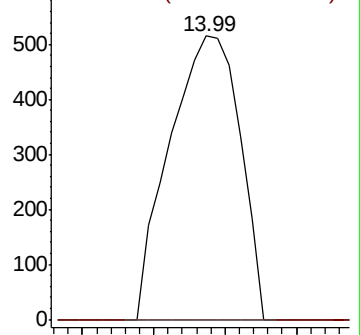
117 100

201 0.0 50.0 150.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 4.165 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN055832.D

Acq: 25 May 2019 7:09

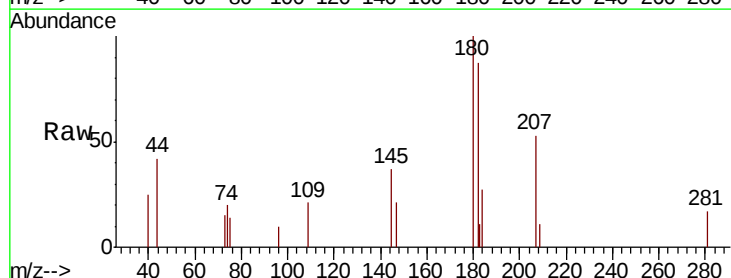
Tgt Ion:180 Resp: 2506

Ion Ratio Lower Upper

180 100

182 97.7 48.3 144.9

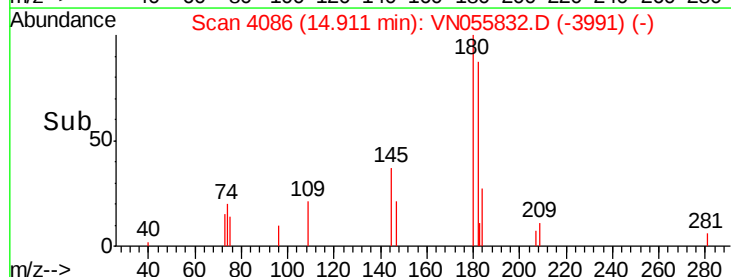
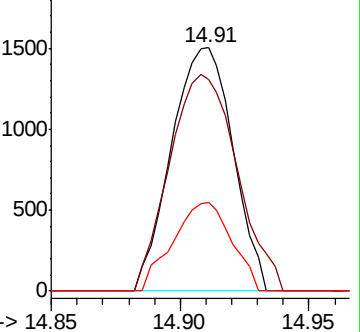
145 34.7 14.0 41.9

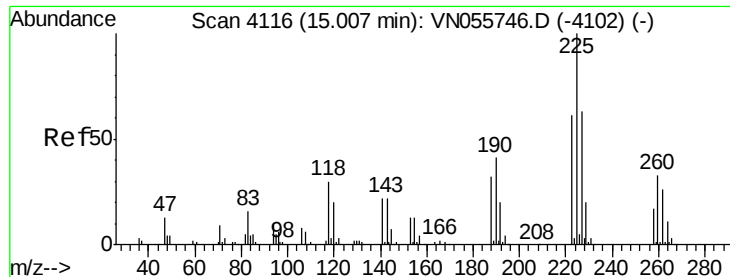


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN055832.D

Acq: 25 May 2019 7:09

Instrument :

MSVOA_N

ClientSampleId :

TP-3-S

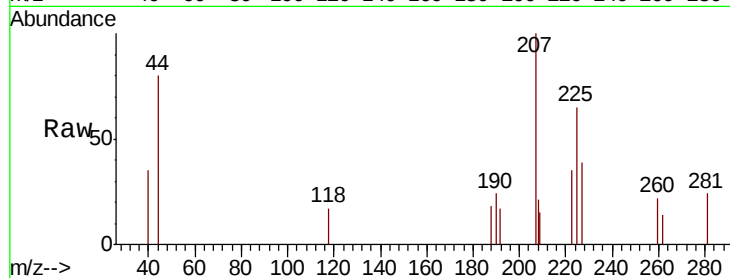
Tot Ion:225 Resp: 986

Ion Ratio Lower Upper

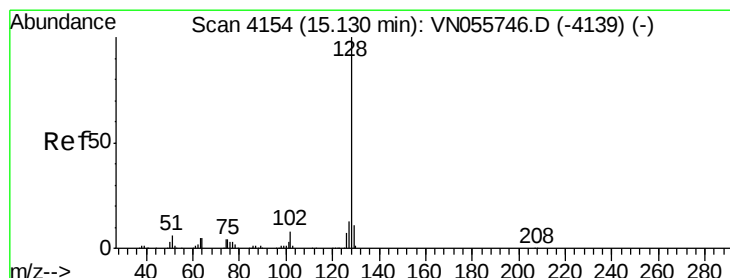
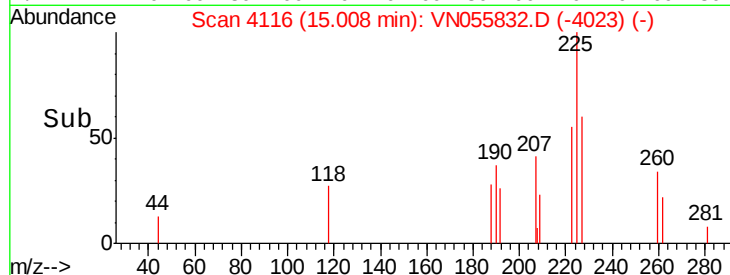
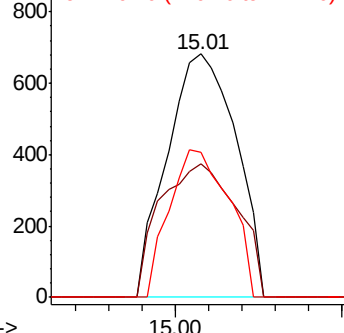
225 100

223 61.3 30.9 92.7

227 52.4 31.6 94.7



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.978 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055832.D

Acq: 25 May 2019 7:09

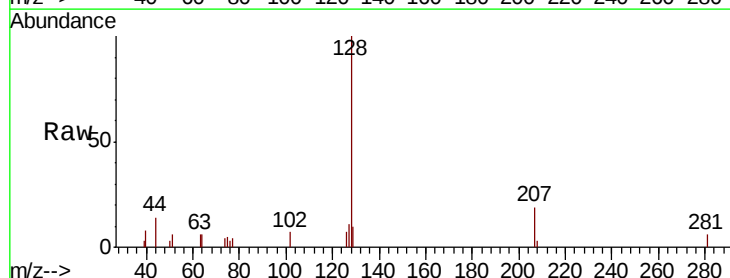
Tgt Ion:128 Resp: 10270

Ion Ratio Lower Upper

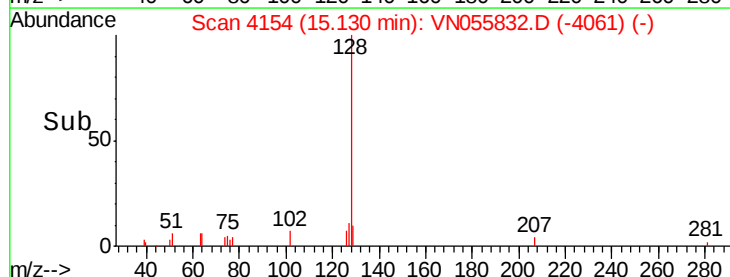
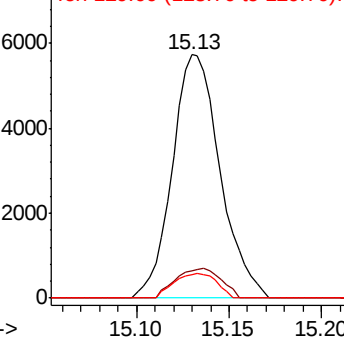
128 100

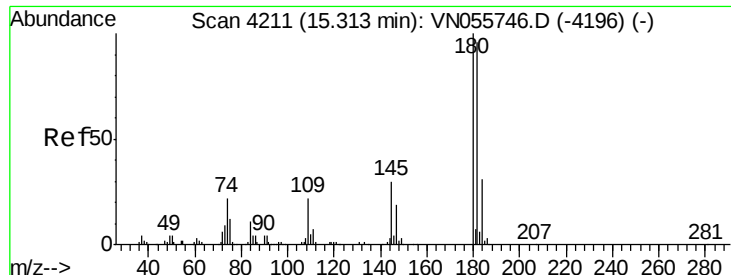
127 11.6 10.3 15.5

129 9.1 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





#96
 1,2,3-Trichlorobenzene
 Concen: 0.805 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. -0.00 min
 Lab File: VN055832.D
 Acq: 25 May 2019 7:09

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3-S

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.7	47.9	143.7
145	30.0	14.9	44.7

