

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055489.D
 Acq On : 9 May 2019 11:53
 Operator : JC/SP
 Sample : K2241-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 10 04:11:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 04:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	677084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1209792	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1015690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	286466	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	527723	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
35) Dibromofluoromethane	7.59	113	394970	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
50) Toluene-d8	10.09	98	1465622	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
62) 4-Bromofluorobenzene	12.40	95	435595	42.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.96%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	6538	0.948 ug/l	100
3) Chloromethane	2.06	50	10750	0.960 ug/l	99
4) Vinyl Chloride	2.19	62	8971	0.849 ug/l	89
5) Bromomethane	2.55	94	6475	1.118 ug/l	97
6) Chloroethane	2.70	64	6279	1.020 ug/l	99
7) Trichlorofluoromethane	3.02	101	10814	0.932 ug/l	93
8) Diethyl Ether	3.42	74	4876	0.936 ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	6810	0.923 ug/l #	89
10) Methyl Iodide	3.95	142	8533	0.856 ug/l #	86
11) Tert butyl alcohol	4.80	59	4986	3.312 ug/l #	85
12) 1,1-Dichloroethene	3.73	96	6949	0.939 ug/l	89
14) Allvl chloride	4.32	41	13409	0.885 ug/l	94
15) Acrylonitrile	5.00	53	17910	3.843 ug/l	99
16) Acetone	3.83	43	20636	4.372 ug/l	92
17) Carbon Disulfide	4.05	76	18370	0.910 ug/l	96
18) Methyl Acetate	4.33	43	8363	Below Cal #	82
19) Methyl tert-butyl Ether	5.05	73	20202	0.822 ug/l	95
20) Methylene Chloride	4.55	84	8707	0.902 ug/l	92
21) trans-1,2-Dichloroethene	5.04	96	6589	0.821 ug/l	96
22) Diisopropyl ether	5.96	45	25012	0.812 ug/l #	71
23) Vinyl Acetate	5.91	43	89495	3.757 ug/l	100
24) 1,1-Dichloroethane	5.84	63	8480	0.510 ug/l #	94
25) 2-Butanone	6.85	43	21803	3.344 ug/l	94
26) 2,2-Dichloropropane	6.82	77	9212	0.889 ug/l	89
27) cis-1,2-Dichloroethene	6.83	96	7994	0.862 ug/l	84
28) Bromochloromethane	7.20	49	7238	0.838 ug/l #	94
29) Tetrahydrofuran	7.22	42	18461	4.283 ug/l	95
30) Chloroform	7.37	83	13626	0.886 ug/l	95
31) Cyclohexane	7.66	56	26834	1.631 ug/l #	28
32) 1,1,1-Trichloroethane	7.57	97	11050	0.944 ug/l #	50
36) 1,1-Dichloropropene	7.79	75	10635	0.892 ug/l	95
38) Carbon Tetrachloride	7.77	117	10104	1.007 ug/l #	80
39) Methylcyclohexane	9.07	83	11572	0.796 ug/l	96
40) Benzene	8.04	78	30153	0.815 ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055489.D
 Acq On : 9 May 2019 11:53
 Operator : JC/SP
 Sample : K2241-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 10 04:11:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 04:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Methacrylonitrile	7.18	41	4313	0.715	ug/l #	82
42) 1,2-Dichloroethane	8.13	62	12058	0.928	ug/l	97
43) Isopropyl Acetate	8.17	43	15377	0.779	ug/l	95
44) Trichloroethene	8.83	130	7928	0.901	ug/l	77
45) 1,2-Dichloropropane	9.12	63	8499	0.803	ug/l	96
46) Dibromomethane	9.21	93	4994	0.814	ug/l	97
47) Bromodichloromethane	9.40	83	9568	0.815	ug/l	93
48) Methyl methacrylate	9.21	41	8126	0.854	ug/l	89
49) 1,4-Dioxane	9.20	88	2345	12.643	ug/l #	79
51) 4-Methyl-2-Pentanone	9.99	43	45020	3.466	ug/l	98
52) Toluene	10.16	92	17528	0.829	ug/l	94
53) t-1,3-Dichloropropene	10.38	75	8646	0.767	ug/l	96
54) cis-1,3-Dichloropropene	9.84	75	10013	0.743	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	7012	0.818	ug/l	91
56) Ethyl methacrylate	10.43	69	8566	0.672	ug/l #	84
57) 1,3-Dichloropropane	10.71	76	11887	0.781	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.71	63	190	12.554	ug/l #	52
59) 2-Hexanone	10.75	43	30614	3.360	ug/l	96
60) Dibromochloromethane	10.90	129	6280	0.806	ug/l	99
61) 1,2-Dibromoethane	11.01	107	6023	0.732	ug/l	93
64) Tetrachloroethene	10.63	164	6541	0.786	ug/l #	88
65) Chlorobenzene	11.43	112	17137	0.820	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	5724	0.796	ug/l #	56
67) Ethyl Benzene	11.51	91	29769	0.759	ug/l	99
68) m/p-Xylenes	11.62	106	20621	1.464	ug/l	96
69) o-Xylene	11.95	106	9739	0.704	ug/l	98
70) Styrene	11.96	104	14913	0.672	ug/l	96
71) Bromoform	12.13	173	3416	0.704	ug/l #	100
73) Isopropylbenzene	12.25	105	27045	Below Cal		98
74) N-amyl acetate	12.07	43	7943	0.730	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	9527	Below Cal		97
76) 1,2,3-Trichloropropane	12.55	75	11532	1.479	ug/l #	100
77) Bromobenzene	12.53	156	6754	1.070	ug/l	96
78) n-propylbenzene	12.59	91	27297	0.888	ug/l	98
79) 2-Chlorotoluene	12.67	91	19270	1.006	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	21056	0.919	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	220278	104.224	ug/l #	7
82) 4-Chlorotoluene	12.77	91	15566	0.860	ug/l	96
83) tert-Butylbenzene	12.99	119	18027	0.918	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	17360	0.826	ug/l	95
85) sec-Butylbenzene	13.17	105	22779	0.873	ug/l	100
86) p-Isopropyltoluene	13.29	119	16518	0.778	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	8372	0.858	ug/l	98
88) 1,4-Dichlorobenzene	13.28	146	8372	0.870	ug/l	97
89) n-Butylbenzene	13.61	91	11640	0.707	ug/l	97
90) Hexachloroethane	13.88	117	3661	1.057	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	7812	0.801	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1218	0.925	ug/l	76
93) 1,2,4-Trichlorobenzene	14.91	180	2930	3.851	ug/l	97
94) Hexachlorobutadiene	15.01	225	3450	Below Cal		94

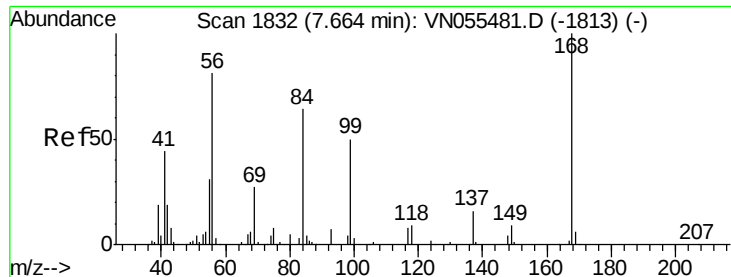
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
Data File : VN055489.D
Acq On : 9 May 2019 11:53
Operator : JC/SP
Sample : K2241-07
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 10 04:11:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 04:17:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.14	128	7485	3.527	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	2957	3.035	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

Instrument :

MSVOA_N

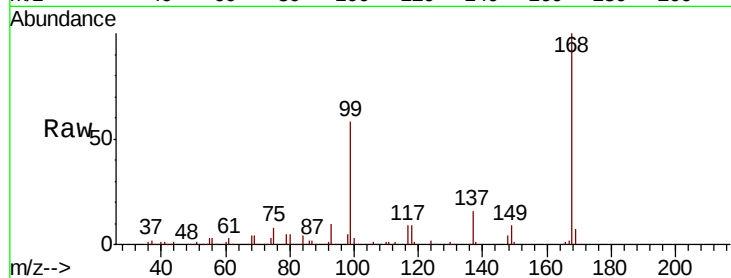
ClientSampleId :

Tot Ion:168 Resp: 677084

Ion Ratio Lower Upper

168 100

99 58.1 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

250000

200000

150000

100000

50000

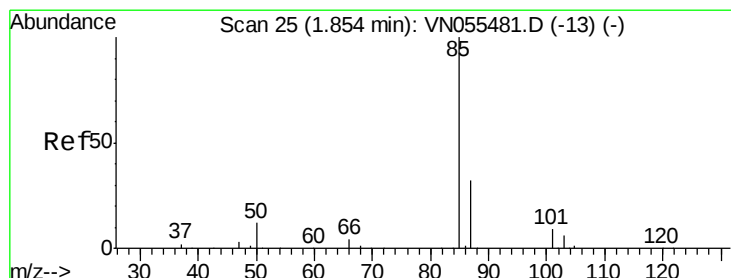
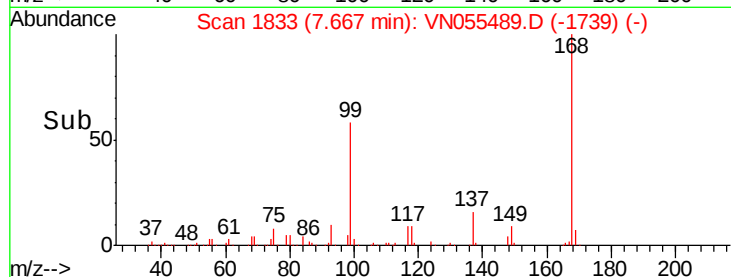
0

7.60

7.70

7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.948 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN055489.D

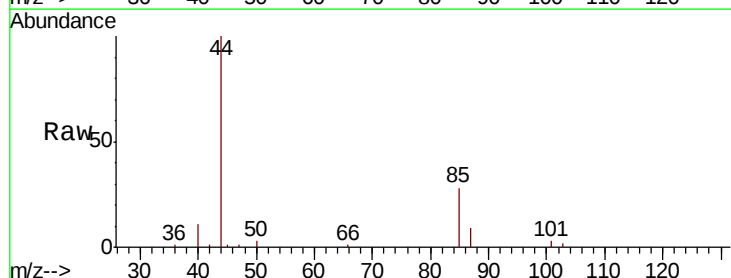
Acq: 9 May 2019 11:53

Tgt Ion: 85 Resp: 6538

Ion Ratio Lower Upper

85 100

87 31.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): V

Ion 86.90 (86.60 to 87.60): VN

1.85

5000

4000

3000

2000

1000

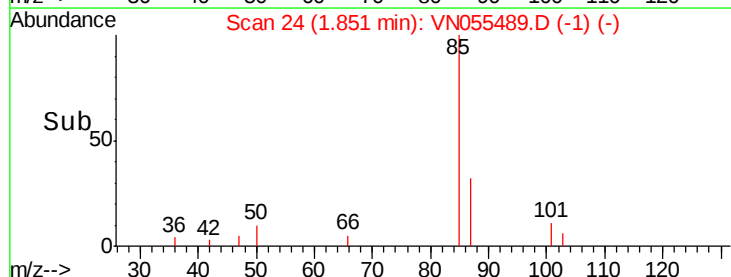
0

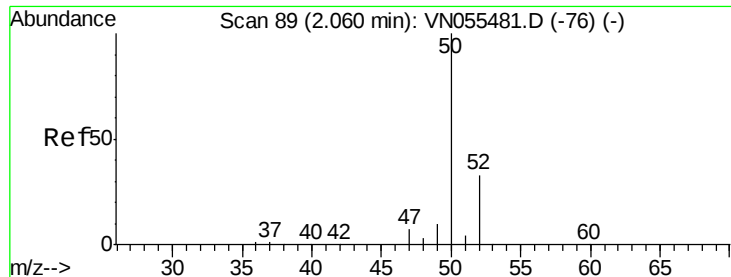
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 0.960 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

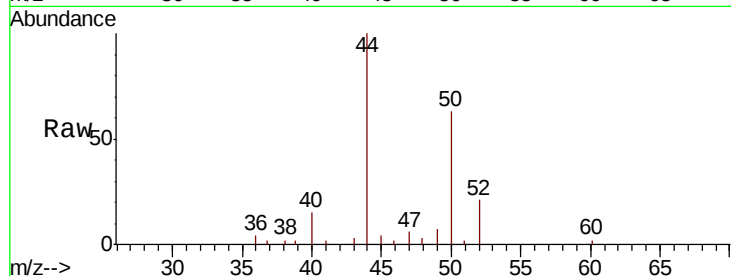
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 10750

Ion Ratio Lower Upper

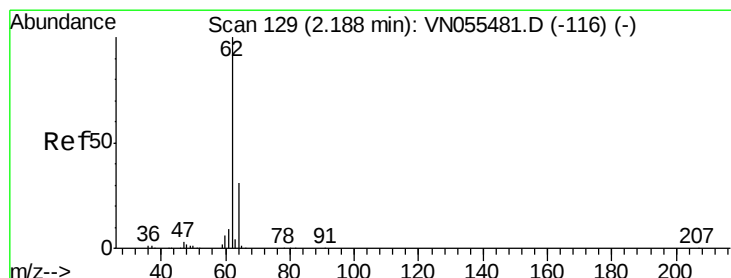
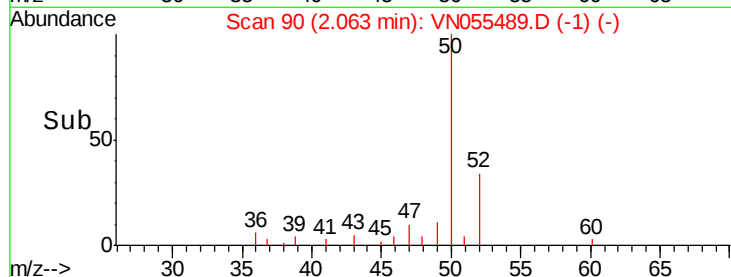
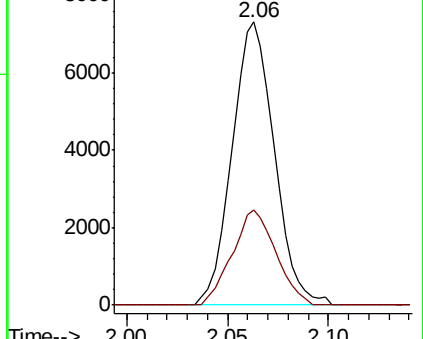
50 100

52 33.6 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 0.849 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055489.D

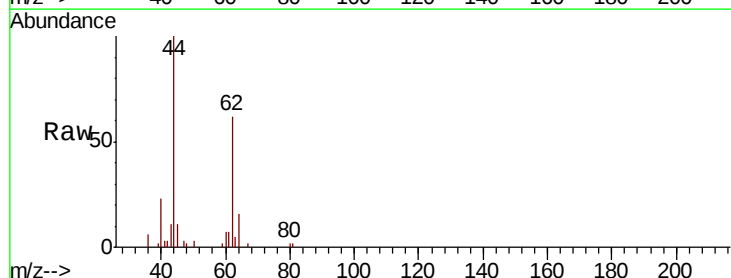
Acq: 9 May 2019 11:53

Tgt Ion: 62 Resp: 8971

Ion Ratio Lower Upper

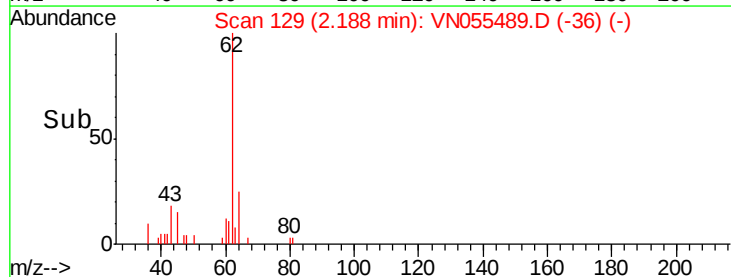
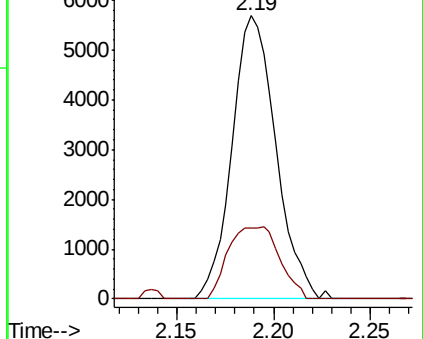
62 100

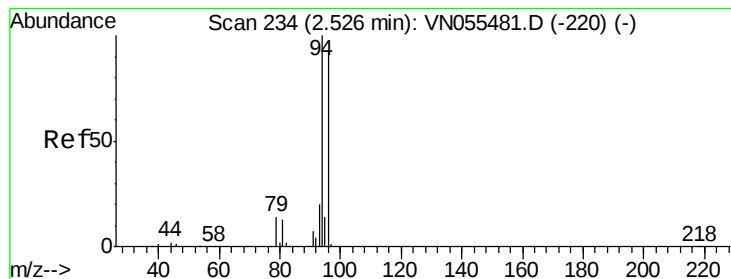
64 25.1 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 1.118 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.03 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

Instrument :

MSVOA_N

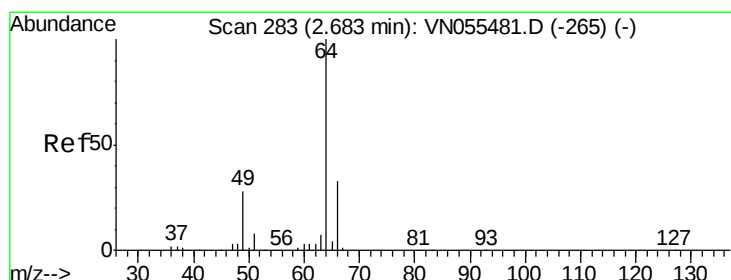
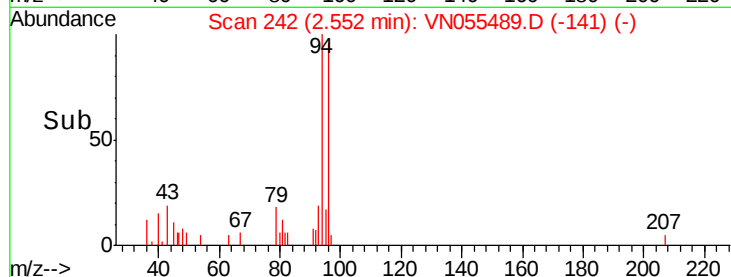
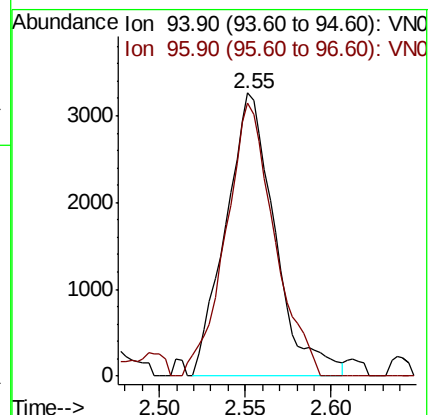
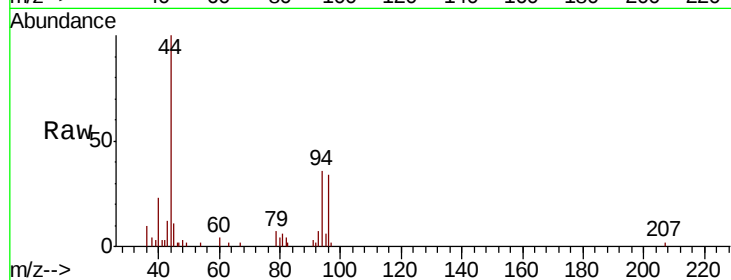
ClientSampled :

Tot Ion: 94 Resp: 6475

Ion Ratio Lower Upper

94 100

96 96.3 74.8 112.2



#6

Chloroethane

Concen: 1.020 ug/l

RT: 2.70 min Scan# 288

Delta R.T. 0.02 min

Lab File: VN055489.D

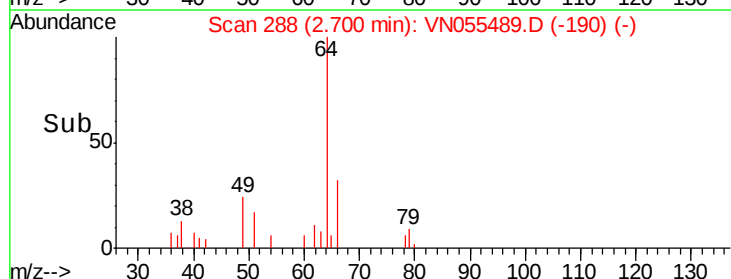
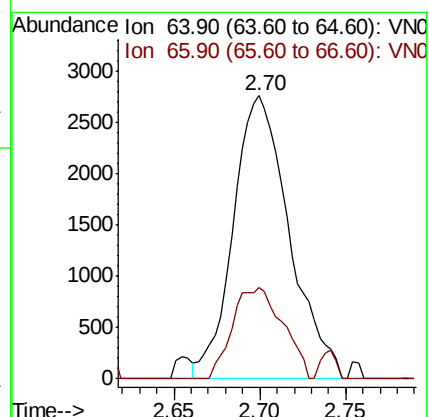
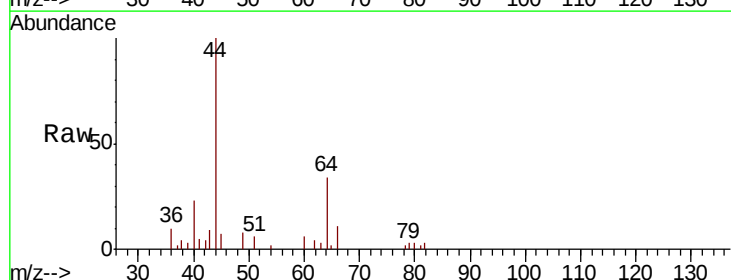
Acq: 9 May 2019 11:53

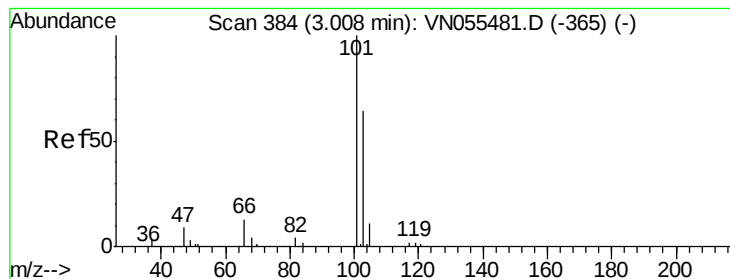
Tgt Ion: 64 Resp: 6279

Ion Ratio Lower Upper

64 100

66 32.2 26.2 39.2



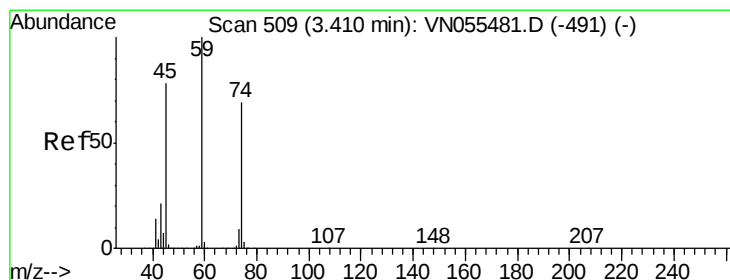
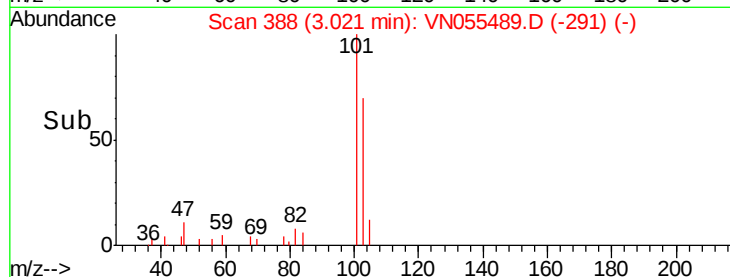
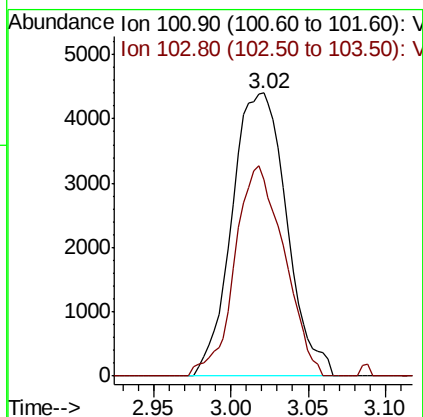
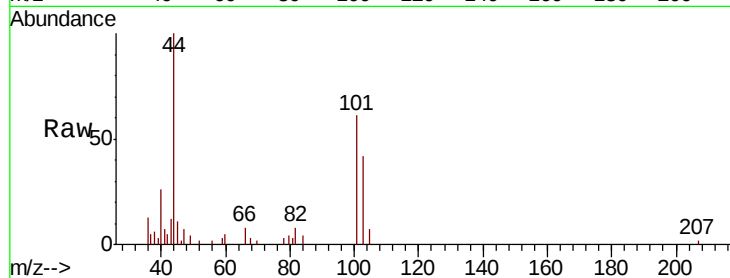


#7

Trichlorofluoromethane
 Concen: 0.932 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. 0.01 min
 Lab File: VN055489.D
 Acq: 9 May 2019 11:53

Instrument :
 MSVOA_N
 ClientSampleId :

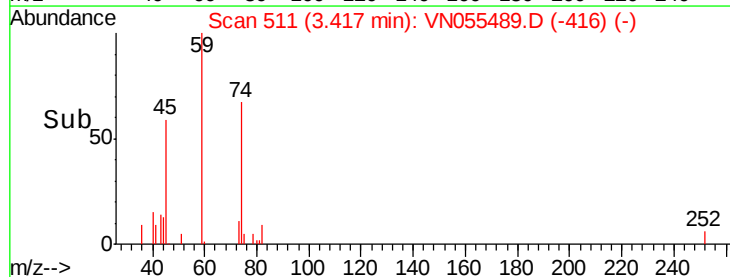
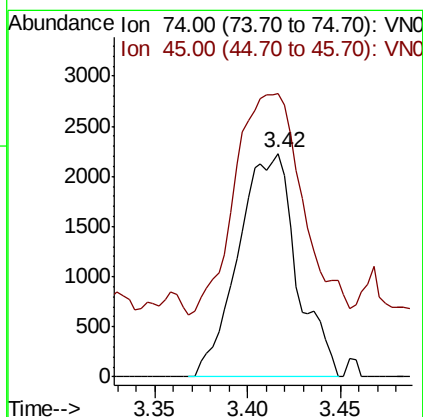
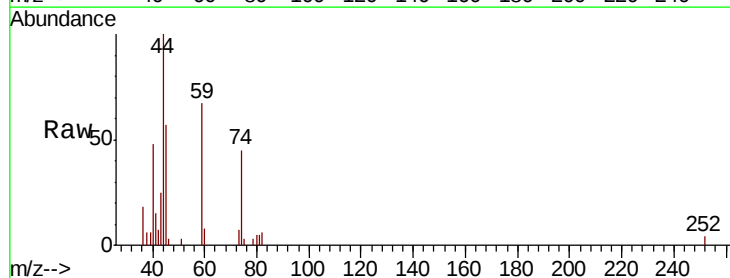
Tot Ion:101 Resp: 10814
 Ion Ratio Lower Upper
 101 100
 103 69.6 51.2 76.8

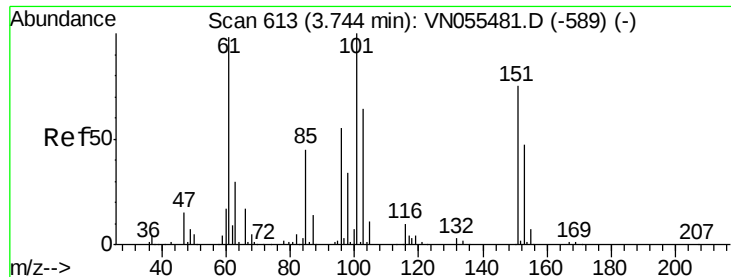


#8

Diethyl Ether
 Concen: 0.936 ug/l
 RT: 3.42 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: VN055489.D
 Acq: 9 May 2019 11:53

Tgt Ion: 74 Resp: 4876
 Ion Ratio Lower Upper
 74 100
 45 124.6 58.1 174.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.923 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.01 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

Instrument :

MSVOA_N

ClientSampled :

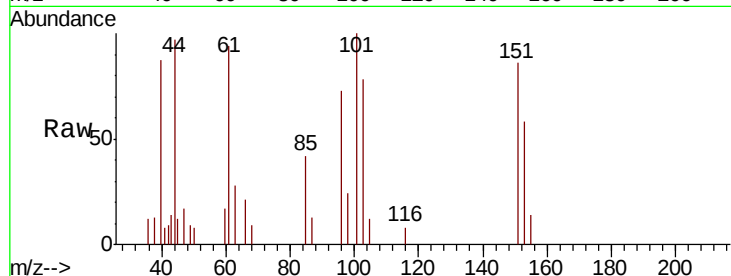
Tot Ion:101 Resp: 6810

Ion Ratio Lower Upper

101 100

85 27.9 35.5 53.3#

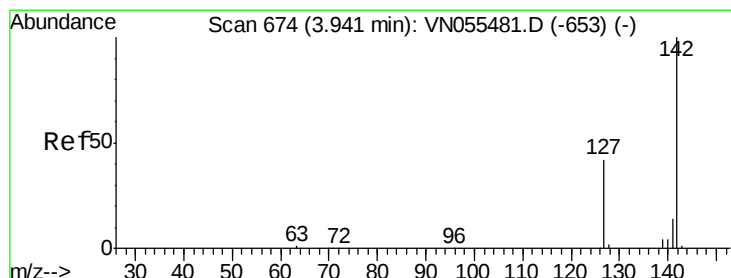
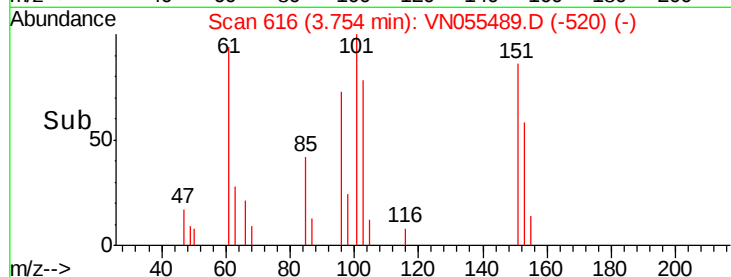
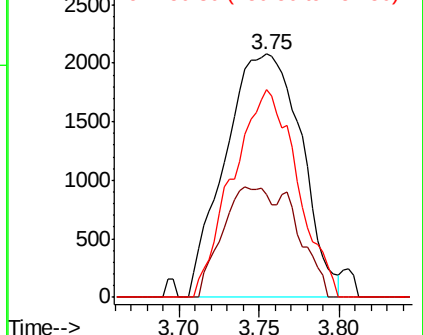
151 72.4 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.856 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.01 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

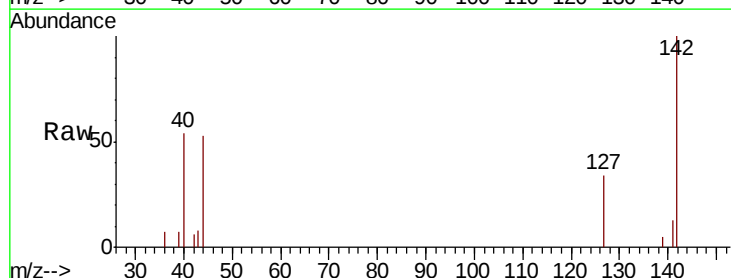
Tgt Ion:142 Resp: 8533

Ion Ratio Lower Upper

142 100

127 31.7 33.0 49.4#

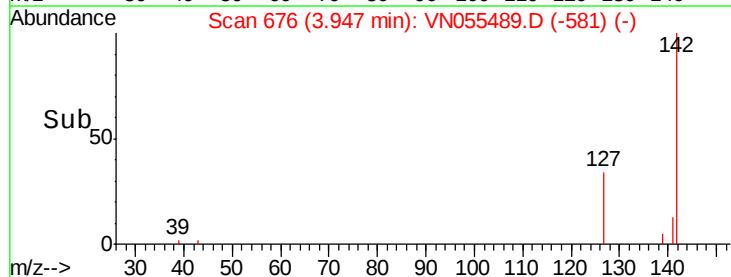
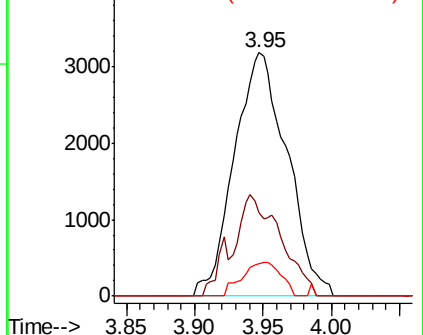
141 10.2 11.4 17.0#

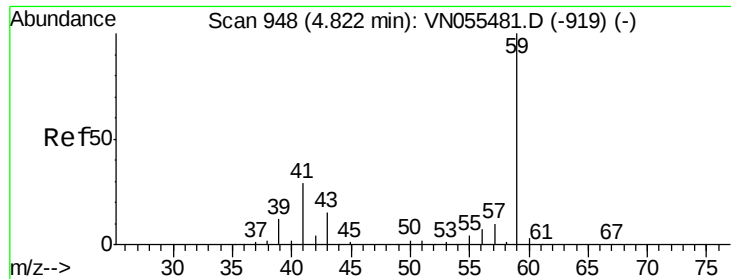


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

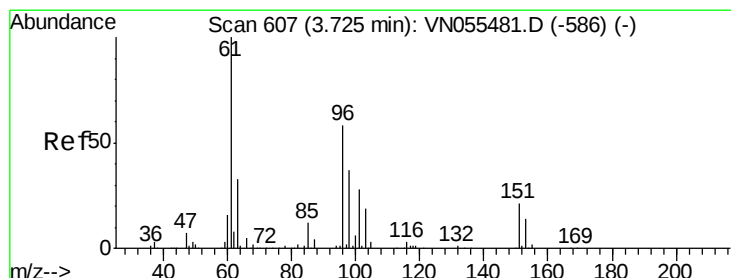
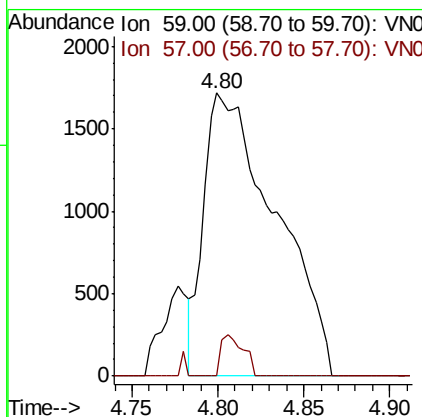
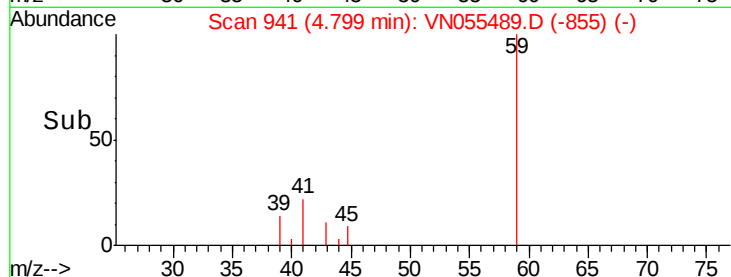
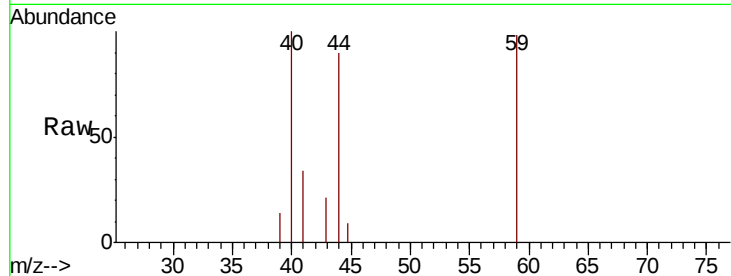




#11
Tert butyl alcohol
Concen: 3.312 ug/l
RT: 4.80 min Scan# 941
Delta R.T. -0.02 min
Lab File: VN055489.D
Acq: 9 May 2019 11:53

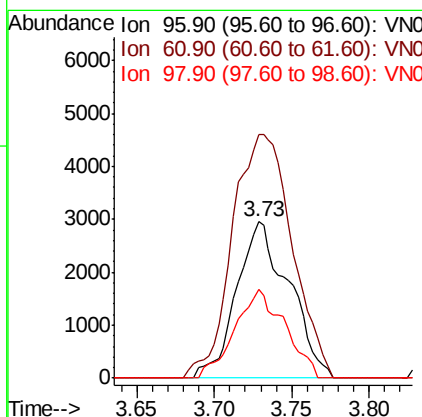
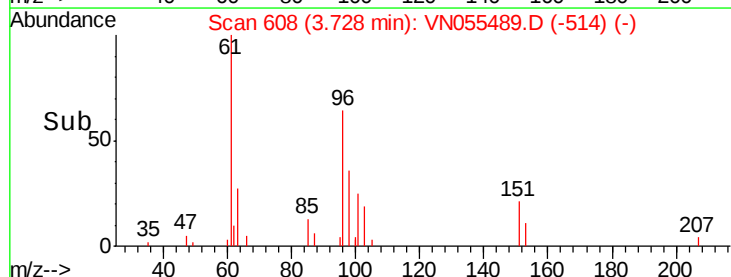
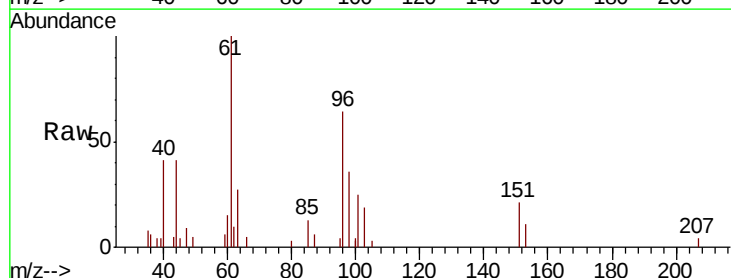
Instrument :
MSVOA_N
ClientSampled :

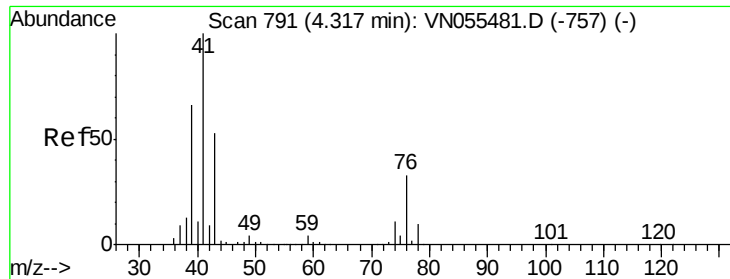
Tot Ion: 59 Resp: 4986
Ion Ratio Lower Upper
59 100
57 4.6 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 0.939 ug/l
RT: 3.73 min Scan# 608
Delta R.T. 0.00 min
Lab File: VN055489.D
Acq: 9 May 2019 11:53

Tgt Ion: 96 Resp: 6949
Ion Ratio Lower Upper
96 100
61 156.1 138.7 208.1
98 56.5 50.6 76.0





#14

Allvl chloride

Concen: 0.885 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.01 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

Instrument :

MSVOA_N

ClientSampleId :

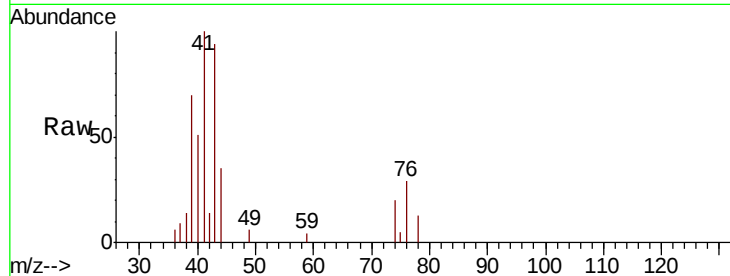
Tot Ion: 41 Resp: 13409

Ion Ratio Lower Upper

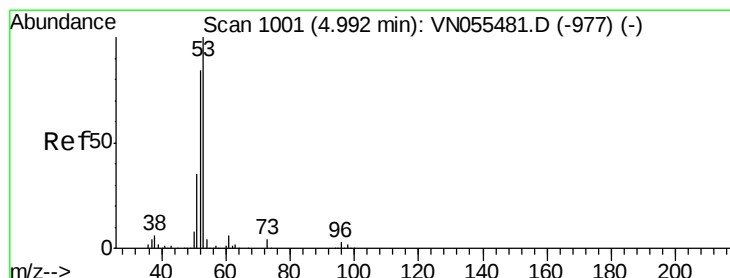
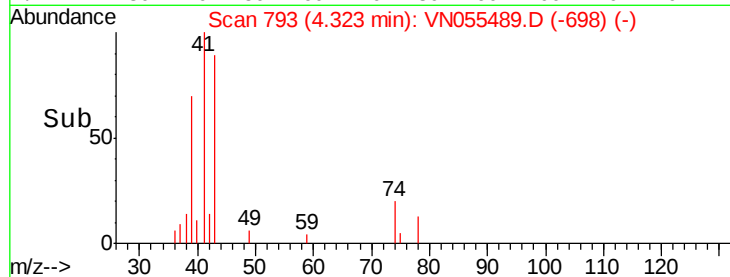
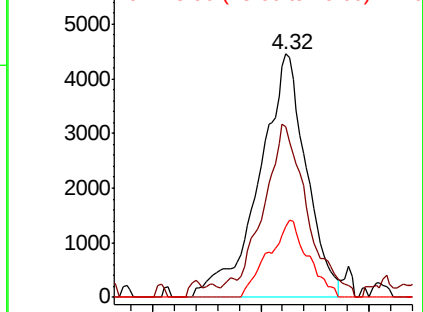
41 100

39 67.9 49.8 74.8

76 26.8 23.5 35.3



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



#15

Acrylonitrile

Concen: 3.843 ug/l

RT: 5.00 min Scan# 1004

Delta R.T. 0.01 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

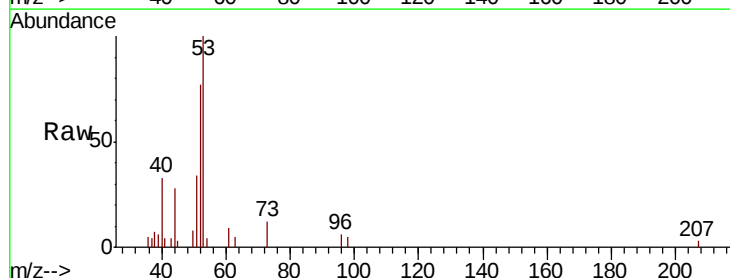
Tgt Ion: 53 Resp: 17910

Ion Ratio Lower Upper

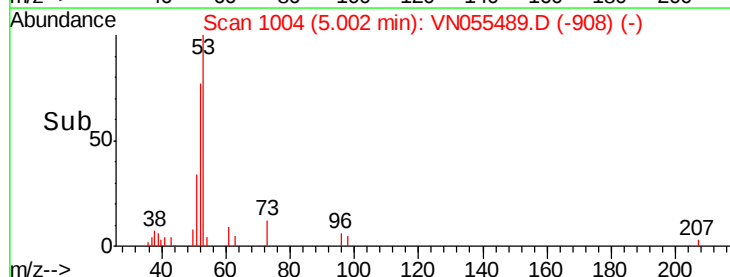
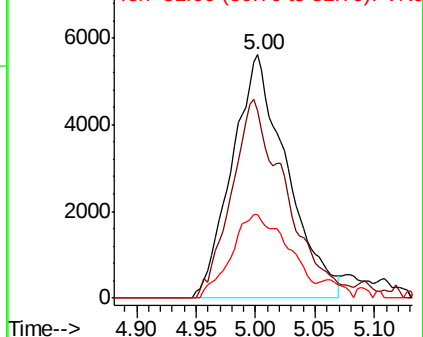
53 100

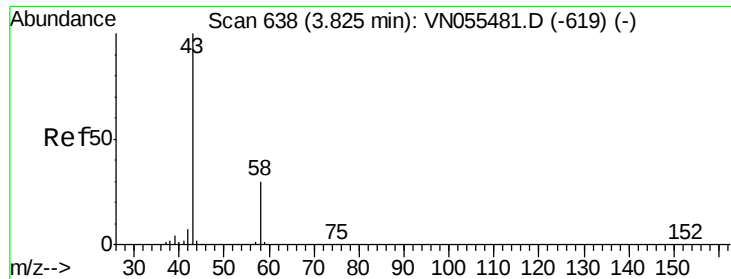
52 81.6 66.1 99.1

51 35.6 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0





#16

Acetone

Concen: 4.372 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

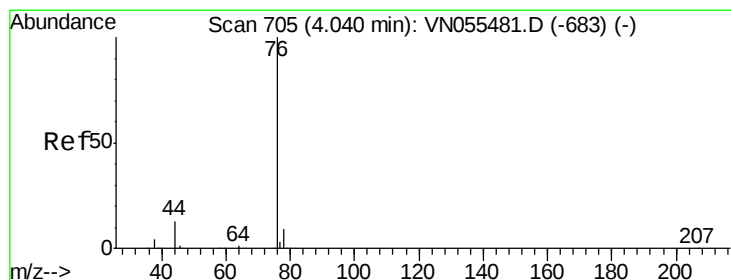
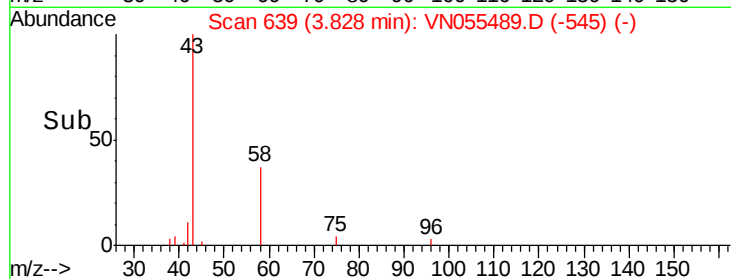
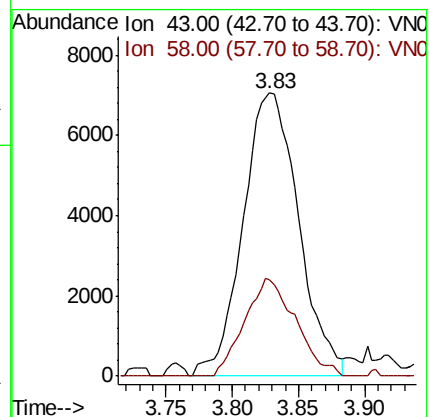
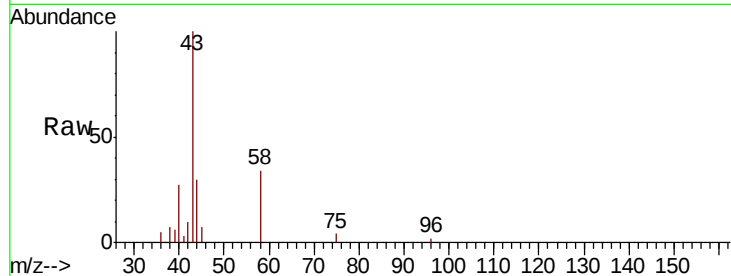
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 20636

Ion Ratio Lower Upper

43 100

58 34.3 24.2 36.2



#17

Carbon Disulfide

Concen: 0.910 ug/l

RT: 4.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VN055489.D

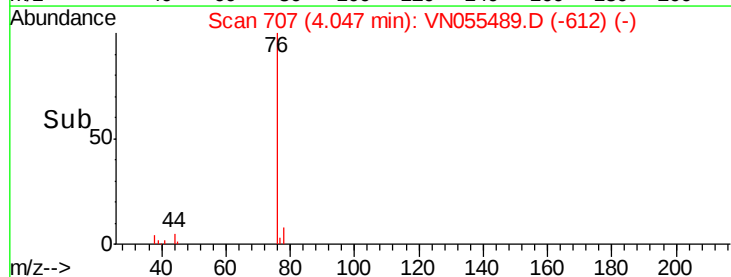
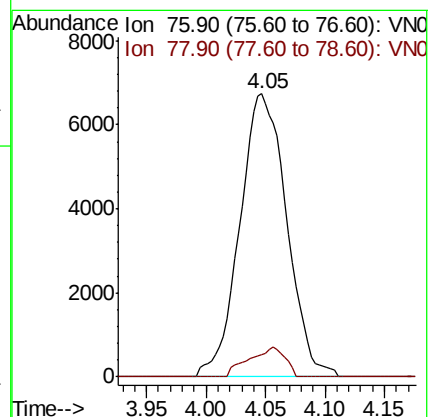
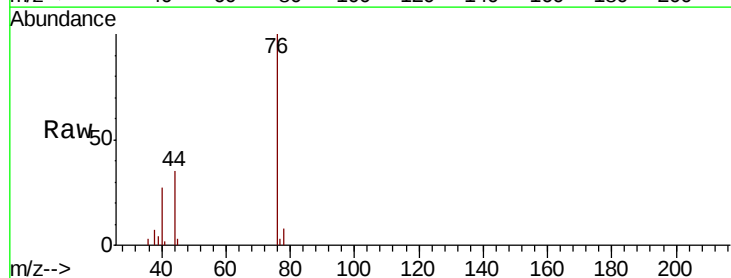
Acq: 9 May 2019 11:53

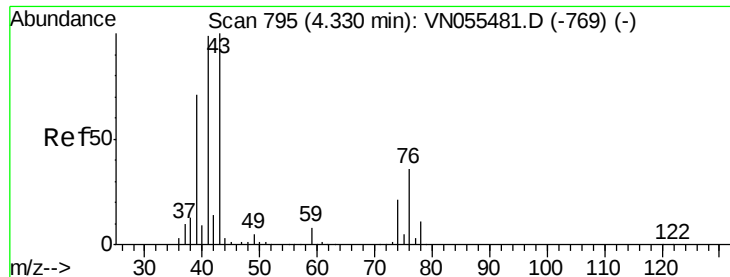
Tgt Ion: 76 Resp: 18370

Ion Ratio Lower Upper

76 100

78 7.8 7.4 11.0

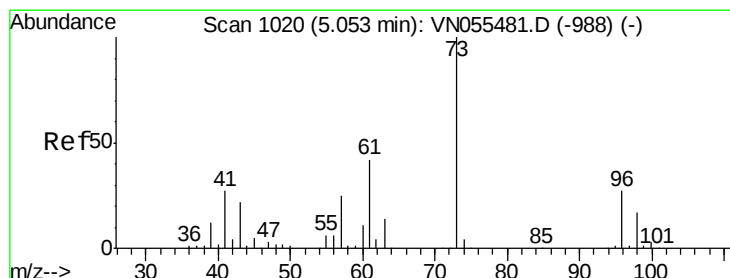
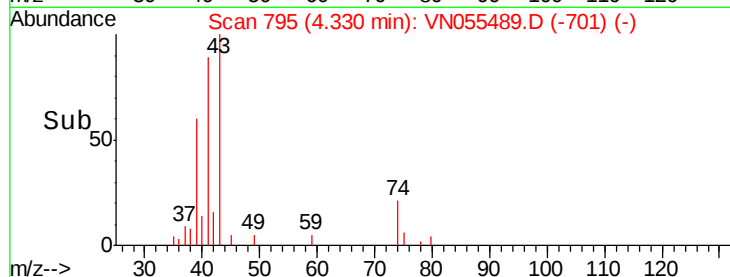
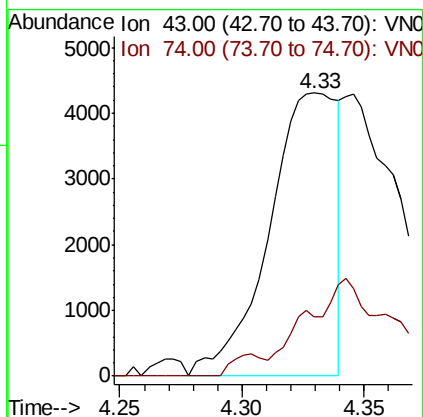
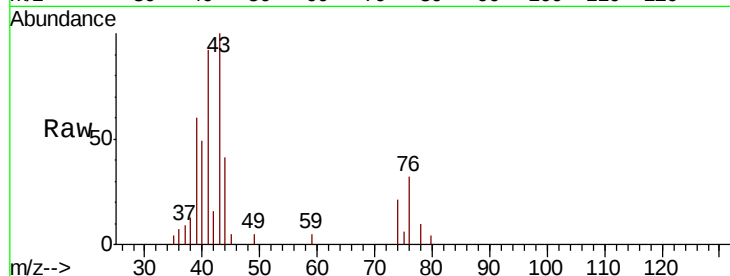




#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055489.D
Acq: 9 May 2019 11:53

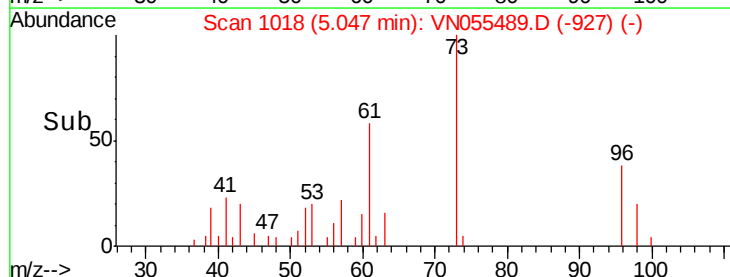
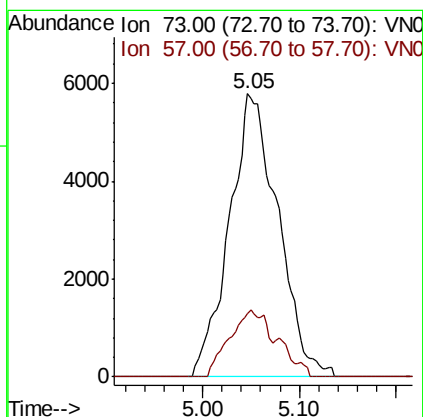
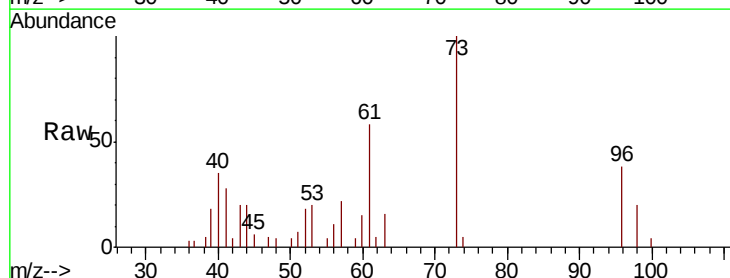
Instrument :
MSVOA_N
ClientSampled :

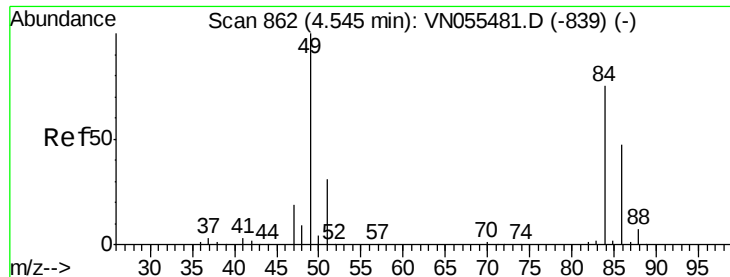
Tot Ion: 43 Resp: 8363
Ion Ratio Lower Upper
43 100
74 11.9 16.3 24.5#



#19
Methyl tert-butyl Ether
Concen: 0.822 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VN055489.D
Acq: 9 May 2019 11:53

Tgt Ion: 73 Resp: 20202
Ion Ratio Lower Upper
73 100
57 22.3 20.0 30.0

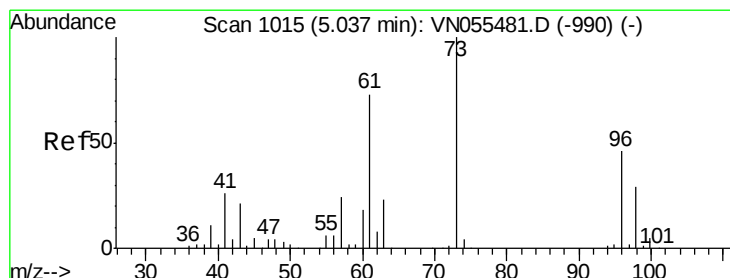
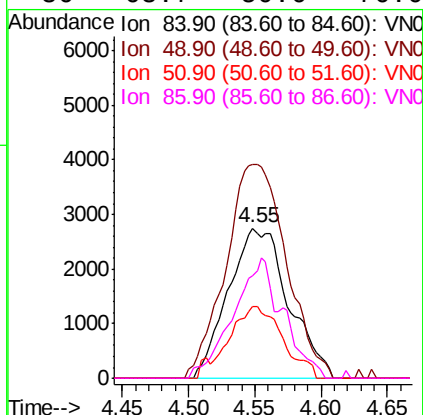
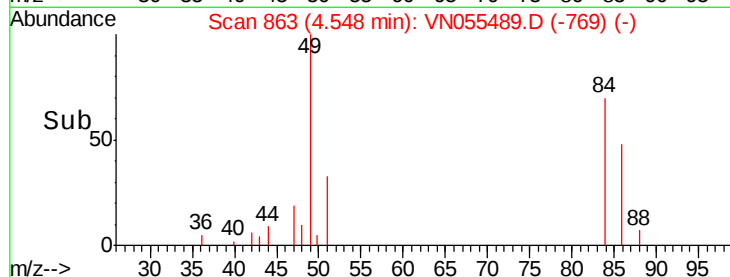
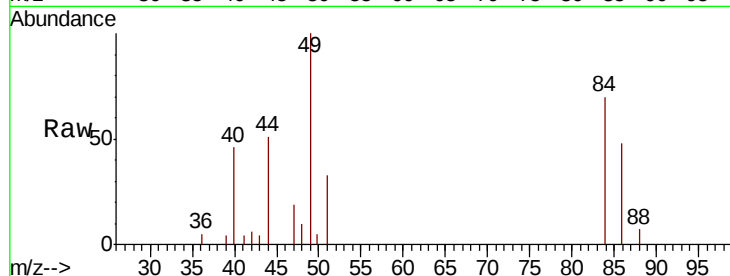




#20
Methvlene Chloride
Concen: 0.902 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN055489.D
Acq: 9 May 2019 11:53

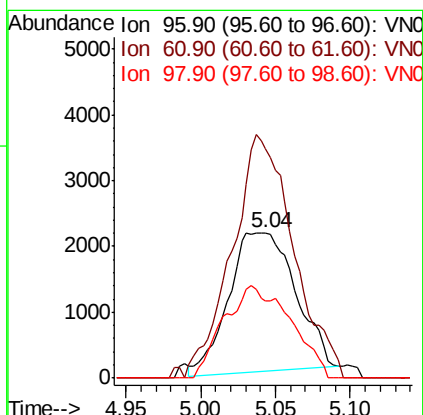
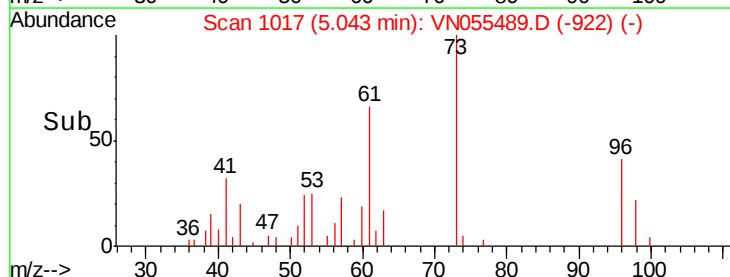
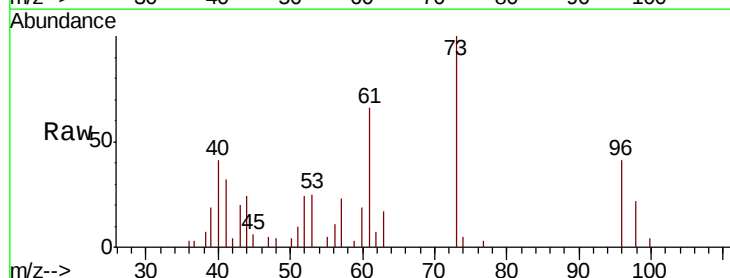
Instrument :
MSVOA_N
ClientSampleId :

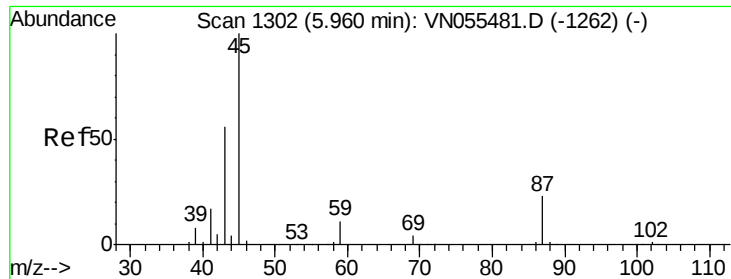
Tot Ion: 84 Resp: 8707
Ion Ratio Lower Upper
84 100
49 142.5 107.0 160.6
51 47.5 33.0 49.4
86 68.7 50.6 76.0



#21
trans-1,2-Dichloroethene
Concen: 0.821 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VN055489.D
Acq: 9 May 2019 11:53

Tgt Ion: 96 Resp: 6589
Ion Ratio Lower Upper
96 100
61 161.8 127.4 191.0
98 57.1 51.6 77.4





#22

Diisopropyl ether

Concen: 0.812 ug/l

RT: 5.96 min Scan# 1302

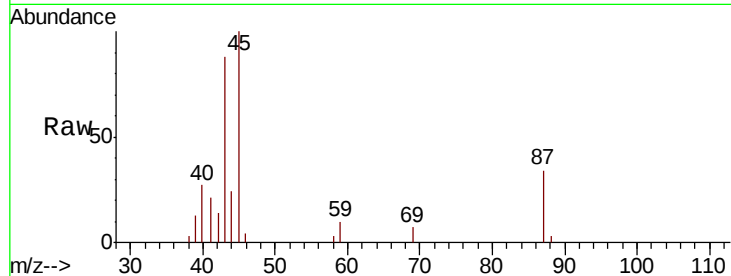
Delta R.T. 0.00 min

Lab File: VN055489.D

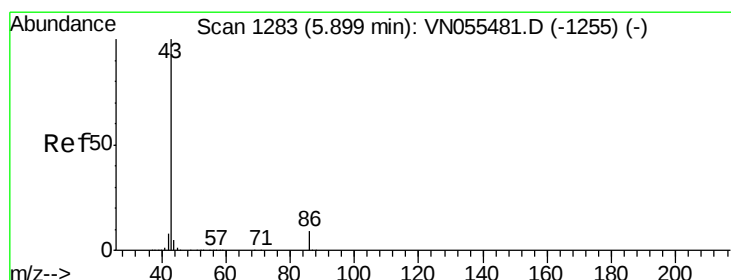
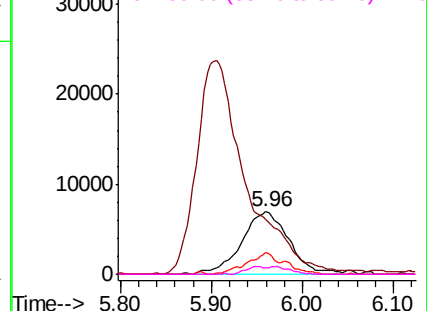
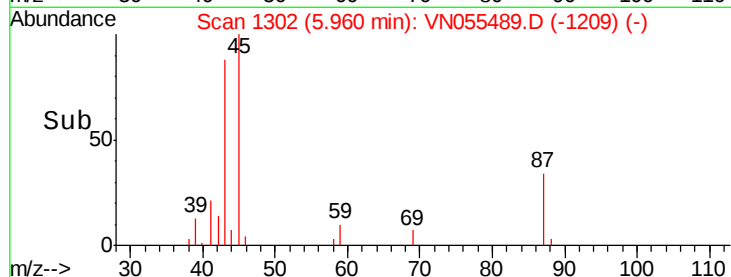
Acq: 9 May 2019 11:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	45	Resp:	25012
Ion	Ratio	Lower	Upper
45	100		
43	82.1	44.6	66.8#
87	34.1	18.6	28.0#
59	10.1	8.6	12.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0



#23

Vinyl Acetate

Concen: 3.757 ug/l

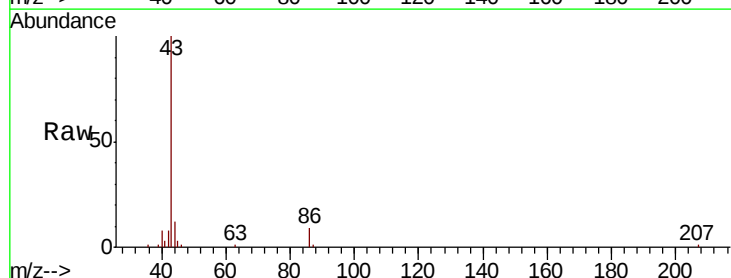
RT: 5.91 min Scan# 1285

Delta R.T. 0.01 min

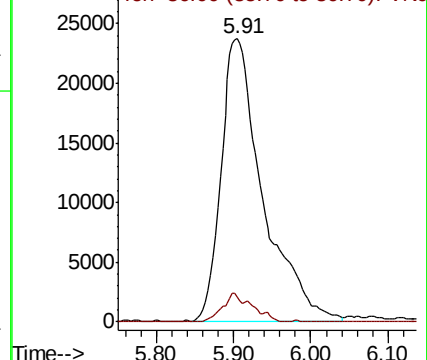
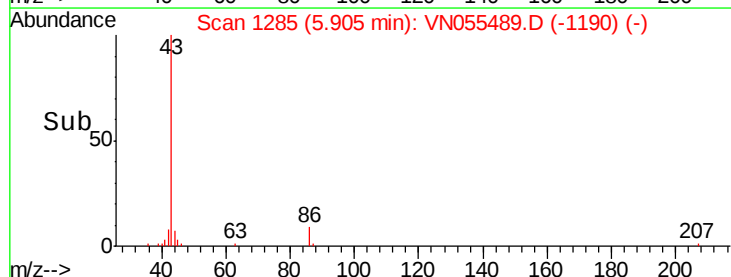
Lab File: VN055489.D

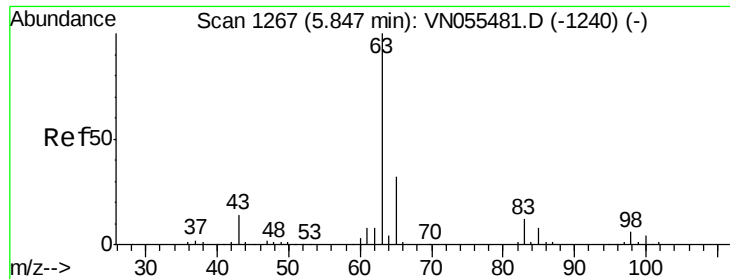
Acq: 9 May 2019 11:53

Tgt Ion:	43	Resp:	89495
Ion	Ratio	Lower	Upper
43	100		
86	8.8	7.1	10.7



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 86.00 (85.70 to 86.70): VN0

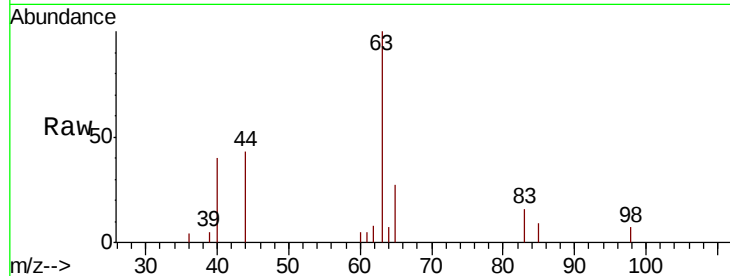




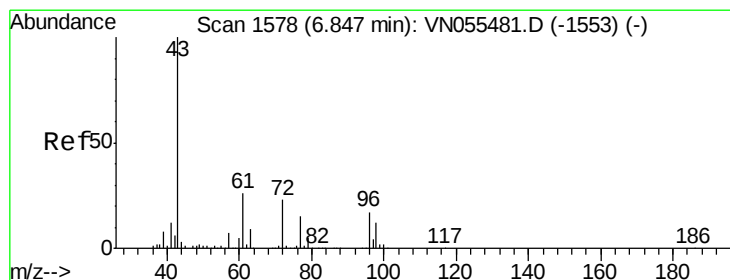
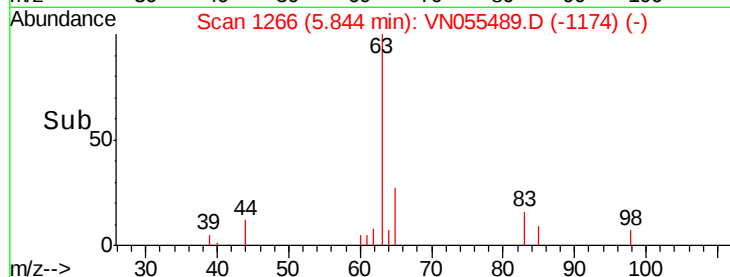
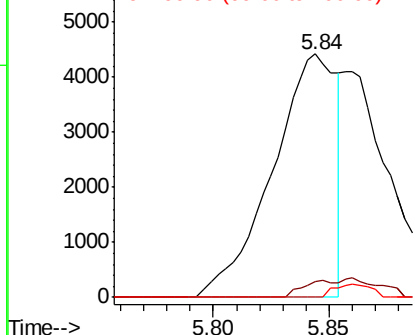
#24
 1,1-Dichloroethane
 Concen: 0.510 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN055489.D
 Acq: 9 May 2019 11:53

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 63 Resp: 8480
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.0 9.0
 100 0.0 1.9 5.7#

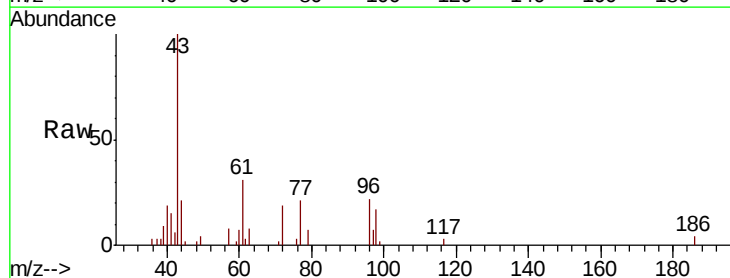


Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0
 Ion 99.90 (99.60 to 100.60): VN0

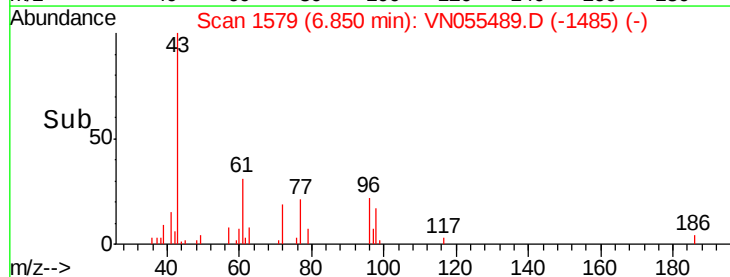
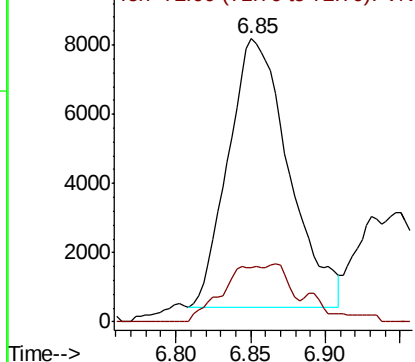


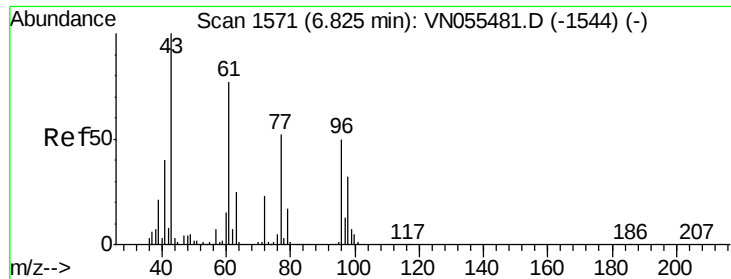
#25
 2-Butanone
 Concen: 3.344 ug/l
 RT: 6.85 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VN055489.D
 Acq: 9 May 2019 11:53

Tgt Ion: 43 Resp: 21803
 Ion Ratio Lower Upper
 43 100
 72 20.3 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 72.00 (71.70 to 72.70): VN0





#26

2,2-Dichloropropane

Concen: 0.889 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

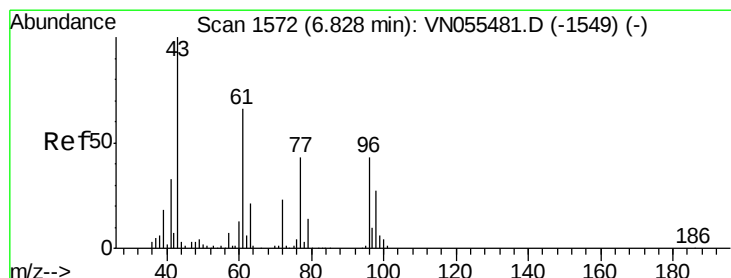
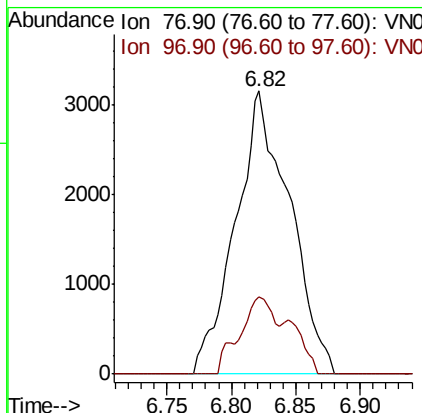
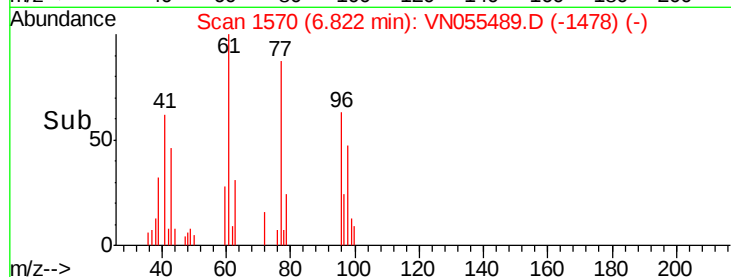
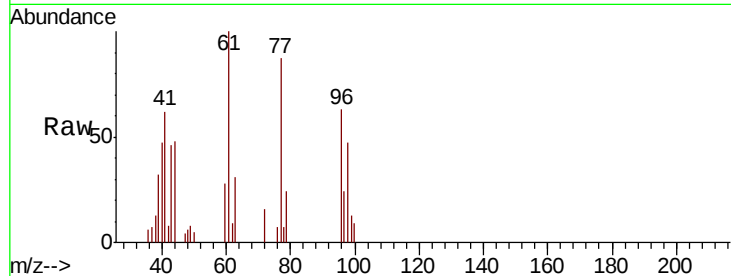
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 77 Resp: 9212

Ion Ratio Lower Upper

77 100

97 17.9 11.5 34.5



#27

cis-1,2-Dichloroethene

Concen: 0.862 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

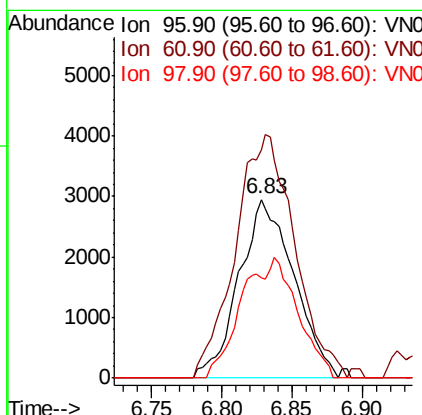
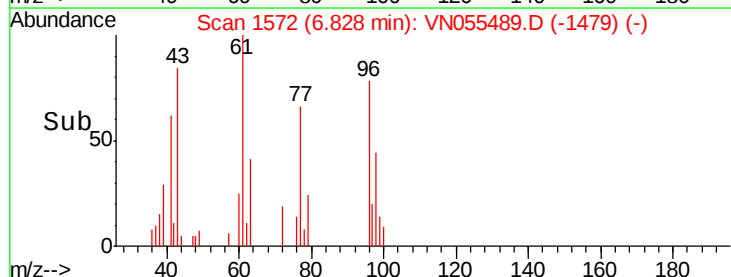
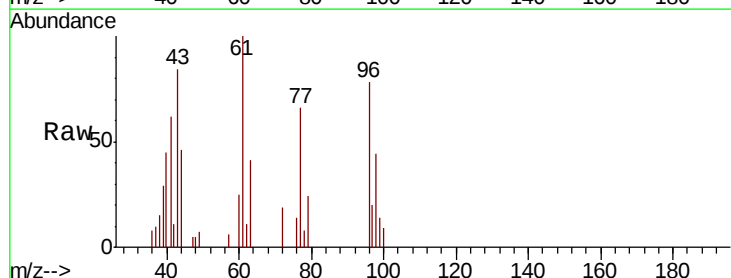
Tgt Ion: 96 Resp: 7994

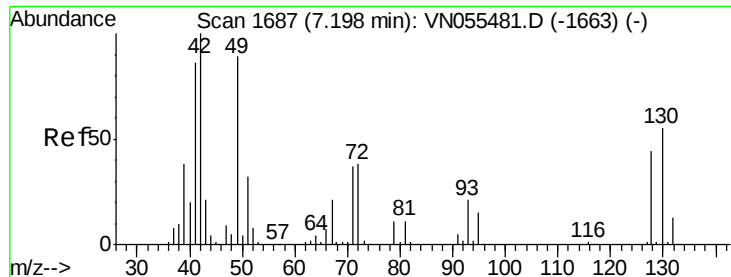
Ion Ratio Lower Upper

96 100

61 147.4 0.0 310.8

98 33.2 0.0 129.4





#28

Bromochloromethane

Concen: 0.838 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

Instrument :
MSVOA_N
ClientSampleId :

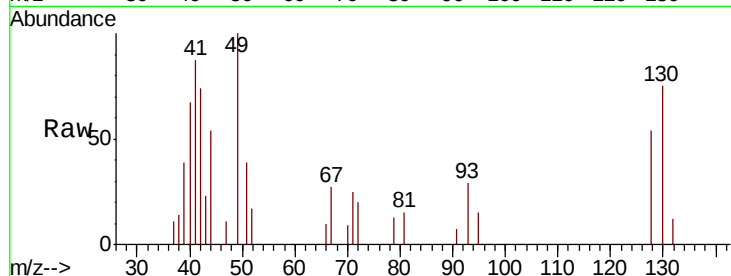
Tot Ion: 49 Resp: 7238

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.2

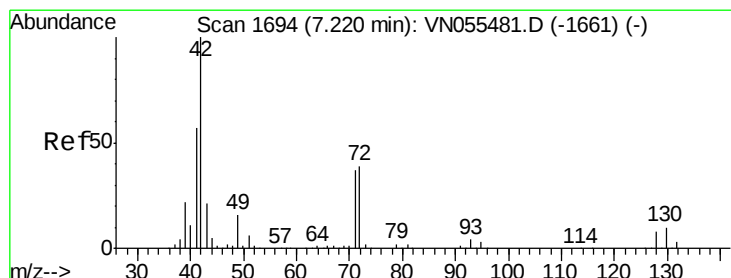
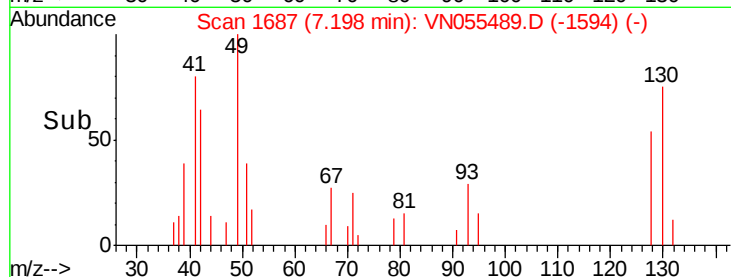
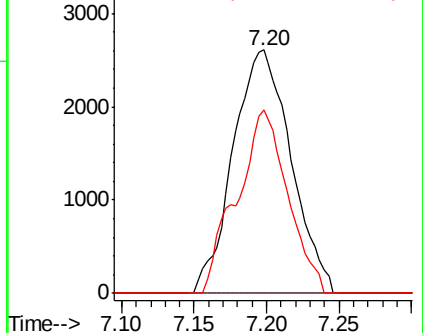
130 66.4 49.5 74.3



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 4.283 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

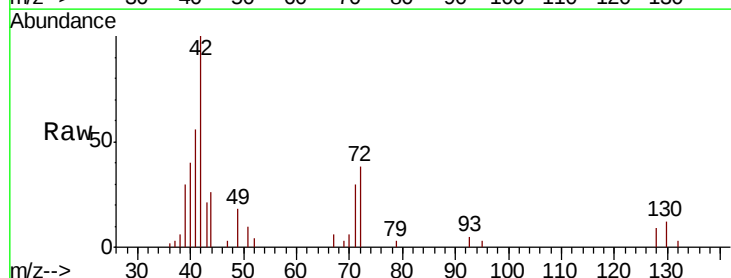
Tgt Ion: 42 Resp: 18461

Ion Ratio Lower Upper

42 100

72 36.6 31.0 46.6

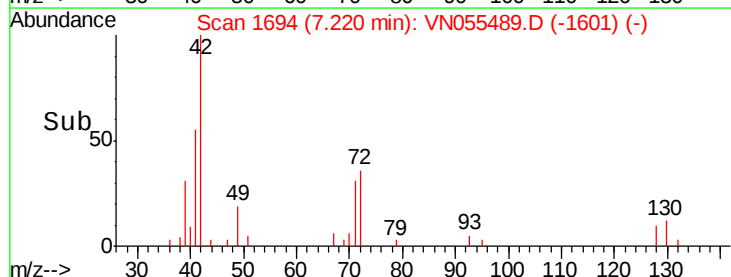
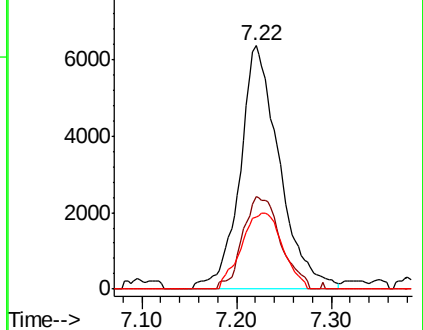
71 32.5 29.4 44.2

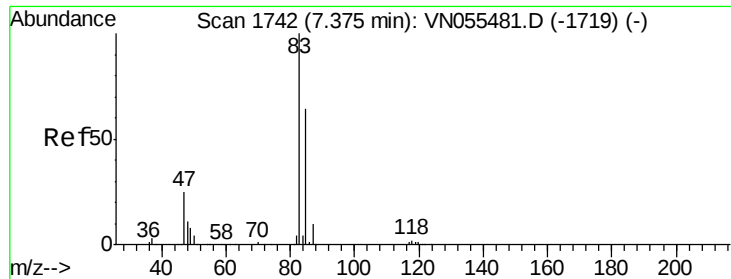


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

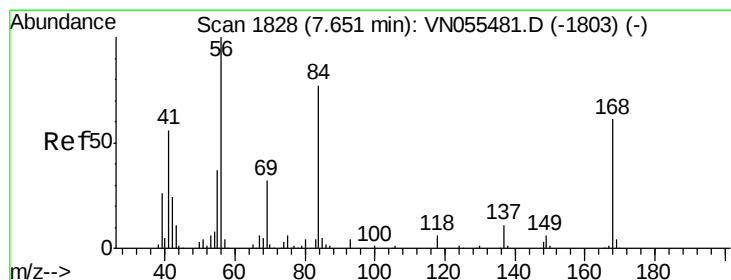
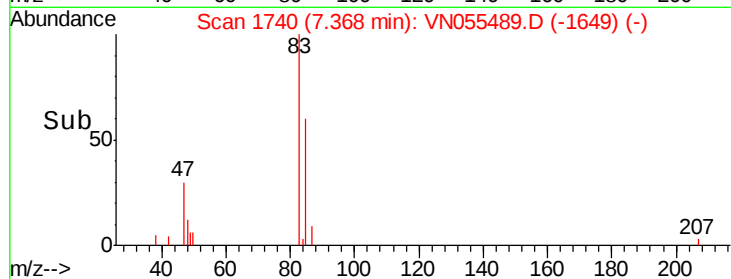
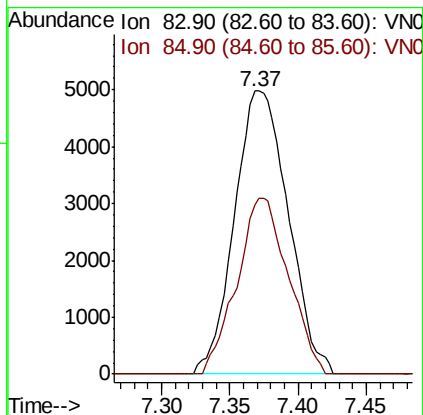
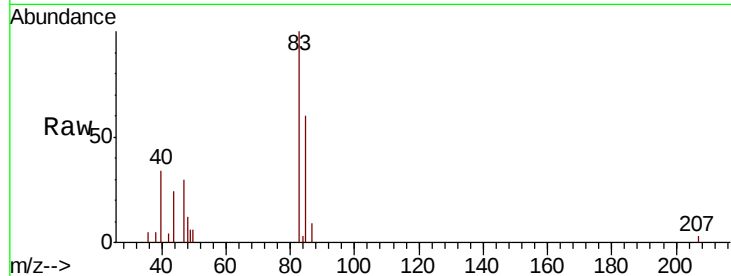




#30
Chloroform
Concen: 0.886 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VN055489.D
Acq: 9 May 2019 11:53

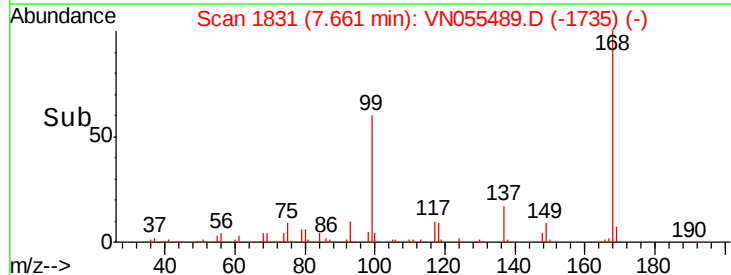
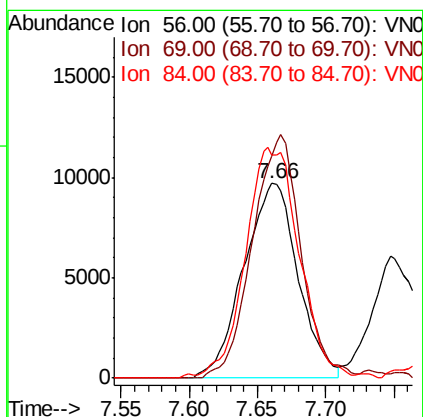
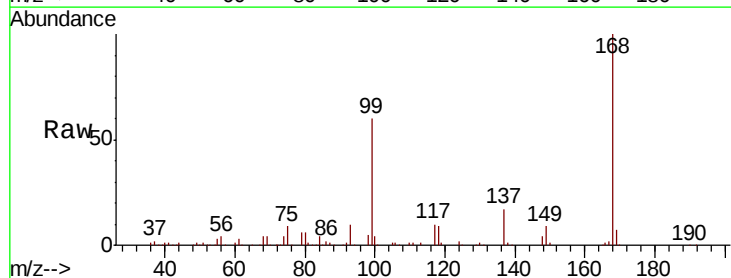
Instrument :
MSVOA_N
ClientSampled :

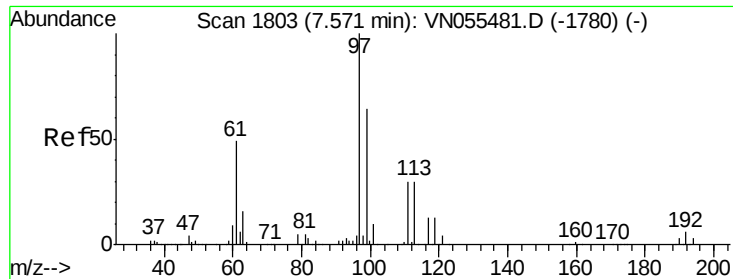
Tot Ion: 83 Resp: 13626
Ion Ratio Lower Upper
83 100
85 60.0 51.3 76.9



#31
Cyclohexane
Concen: 1.631 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN055489.D
Acq: 9 May 2019 11:53

Tgt Ion: 56 Resp: 26834
Ion Ratio Lower Upper
56 100
69 114.2 26.0 39.0#
84 112.9 61.9 92.9#

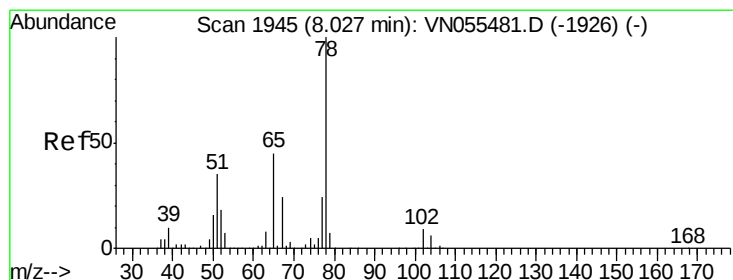
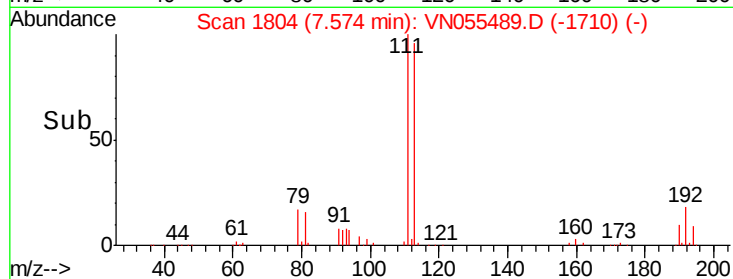
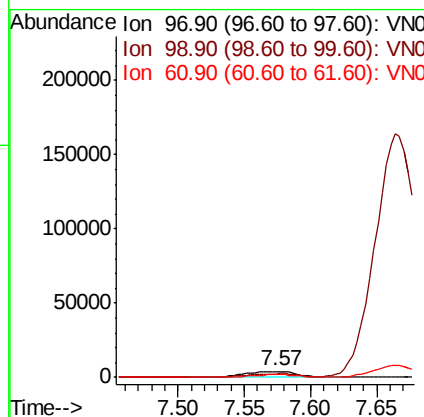
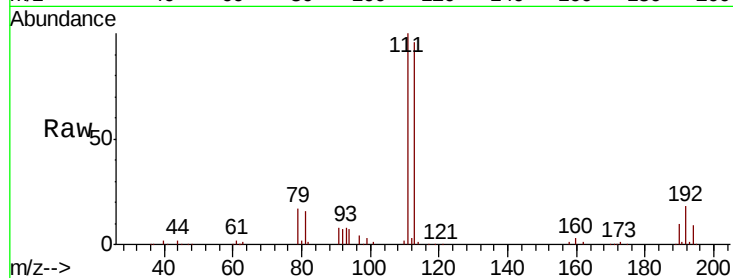




#32
 1,1,1-Trichloroethane
 Concen: 0.944 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN055489.D
 Acq: 9 May 2019 11:53

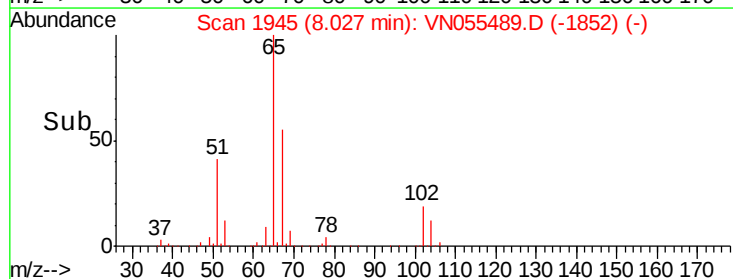
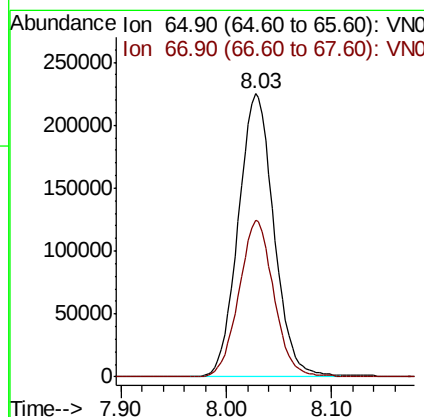
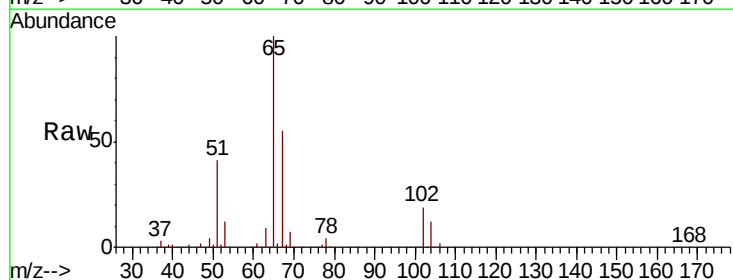
Instrument :
 MSVOA_N
 ClientSampleId :

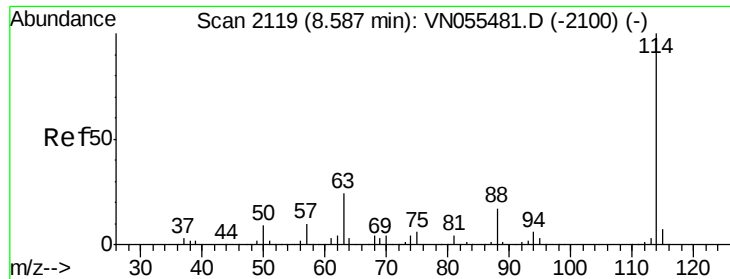
Tot Ion: 97 Resp: 11050
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.2 76.8#
 61 43.0 39.2 58.8



#33
 1,2-Dichloroethane-d4
 Concen: 51.765 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055489.D
 Acq: 9 May 2019 11:53

Tgt Ion: 65 Resp: 527723
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.6

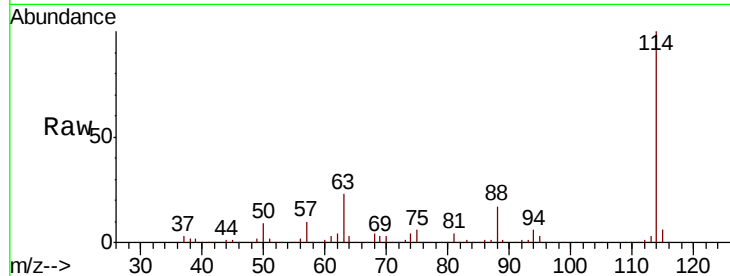




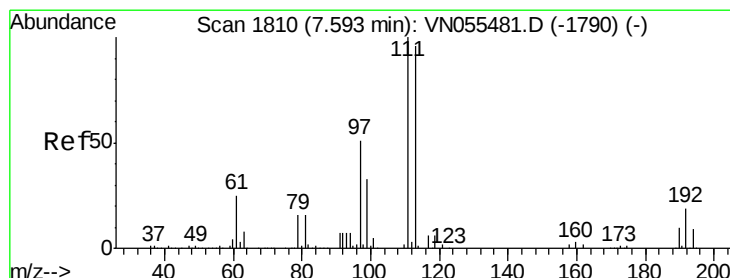
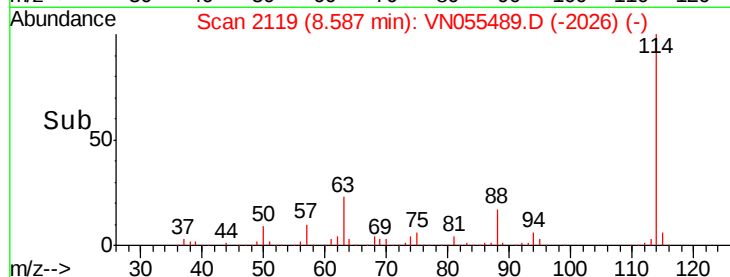
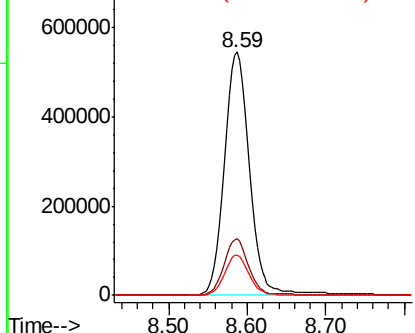
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055489.D
 Acq: 9 May 2019 11:53

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 1209792
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 47.4
 88 16.5 0.0 34.0

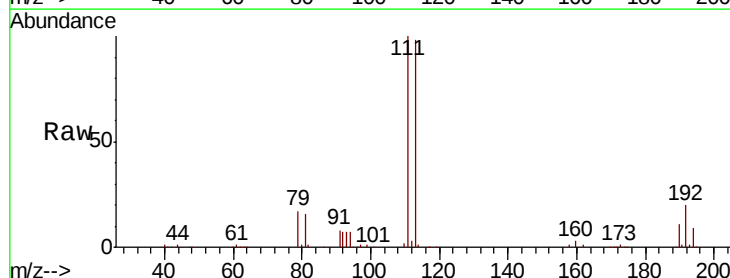


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

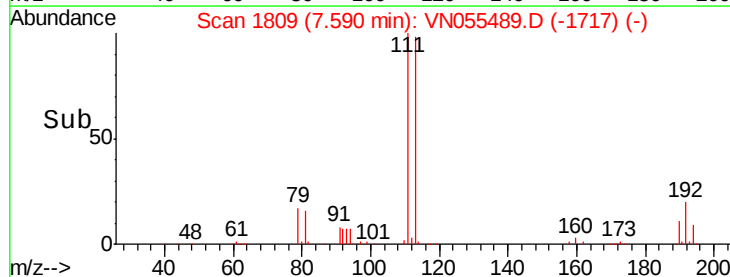
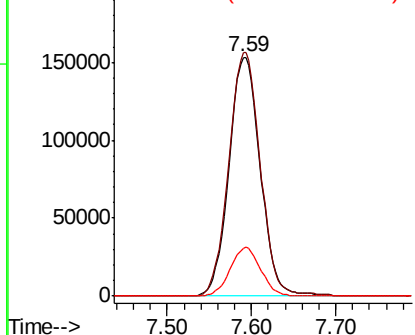


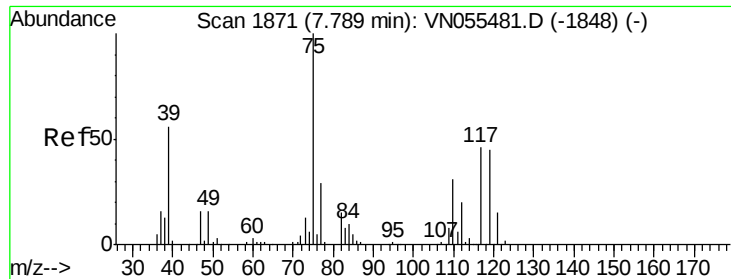
#35
 Dibromofluoromethane
 Concen: 50.610 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055489.D
 Acq: 9 May 2019 11:53

Tgt Ion:113 Resp: 394970
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.9 124.3
 192 19.9 15.6 23.4



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

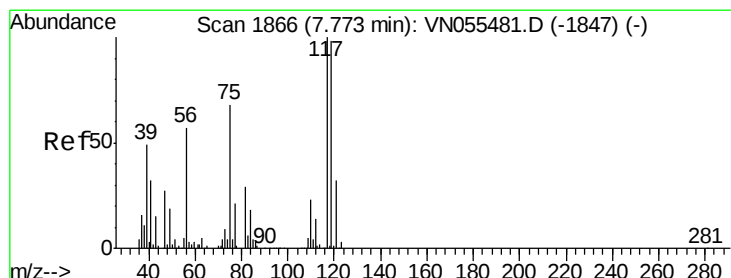
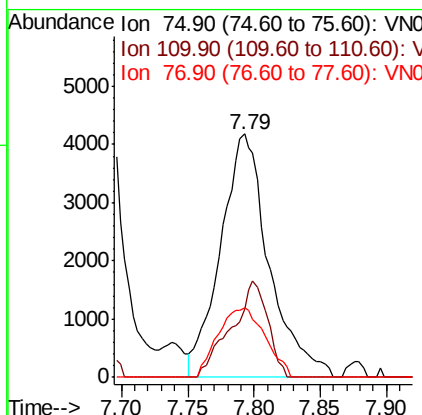
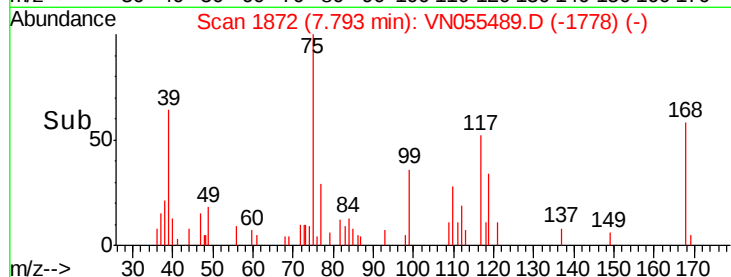
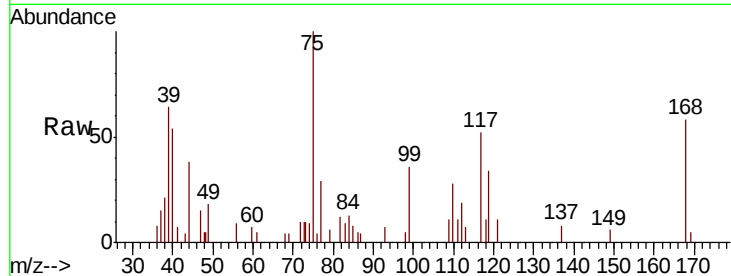




#36
 1,1-Dichloropropene
 Concen: 0.892 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055489.D
 Acq: 9 May 2019 11:53

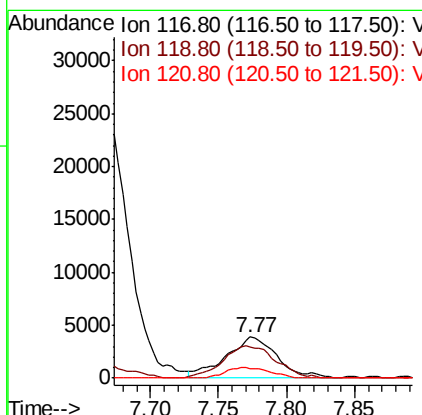
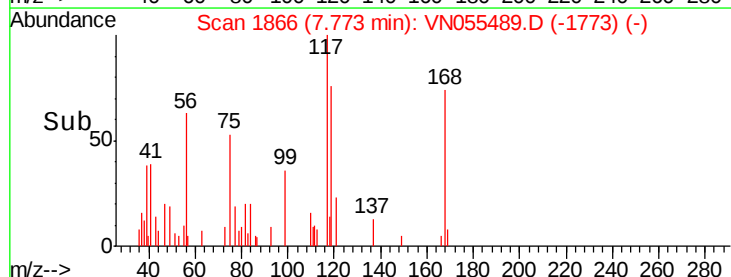
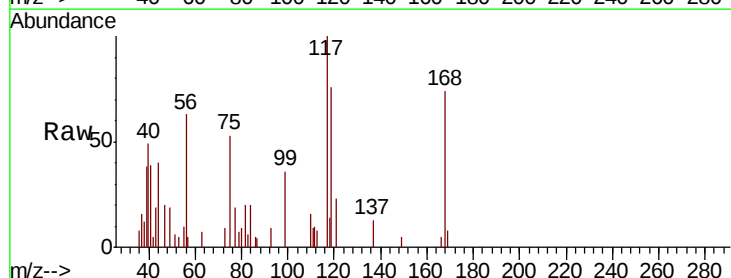
Instrument :
 MSVOA_N
 ClientSampled :

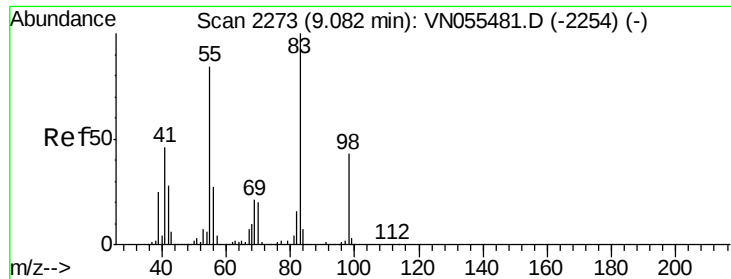
Tot Ion: 75 Resp: 10635
 Ion Ratio Lower Upper
 75 100
 110 29.5 16.1 48.3
 77 27.6 24.6 37.0



#38
 Carbon Tetrachloride
 Concen: 1.007 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN055489.D
 Acq: 9 May 2019 11:53

Tgt Ion: 117 Resp: 10104
 Ion Ratio Lower Upper
 117 100
 119 76.0 77.8 116.6#
 121 23.2 25.2 37.8#

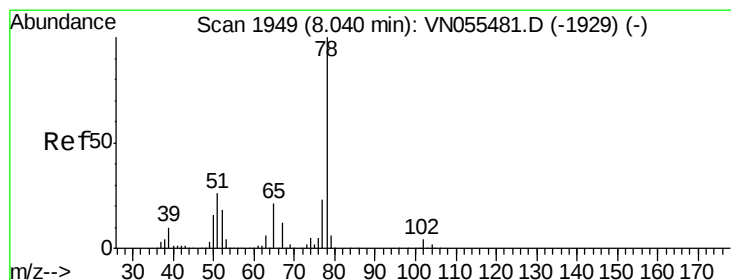
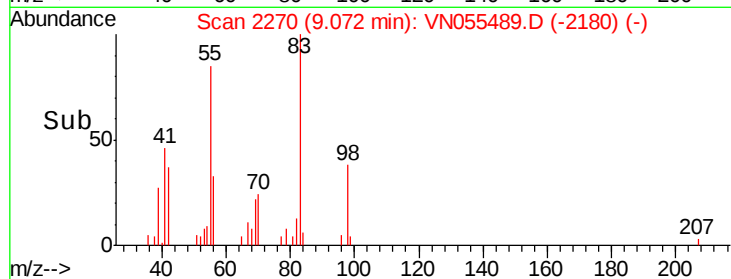
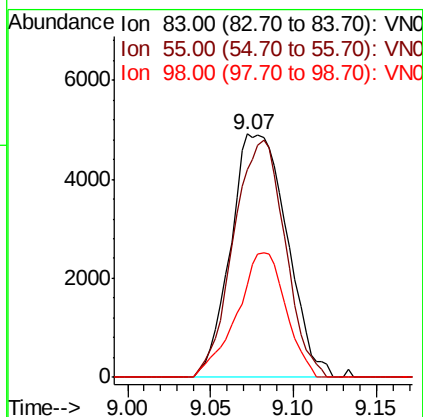
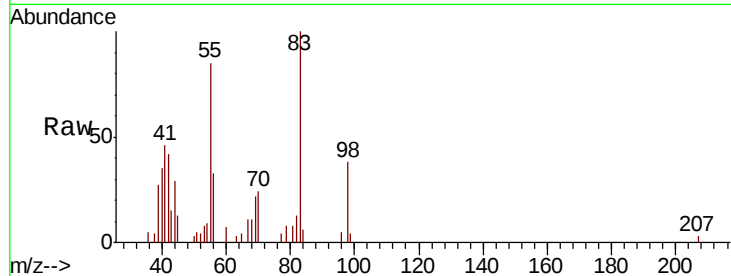




#39
Methvlcvclohexane
Concen: 0.796 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. -0.01 min
Lab File: VN055489.D
Acq: 9 May 2019 11:53

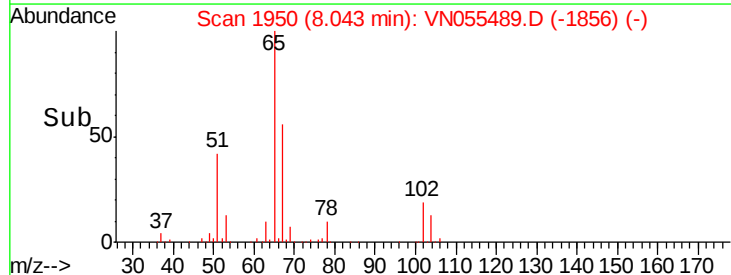
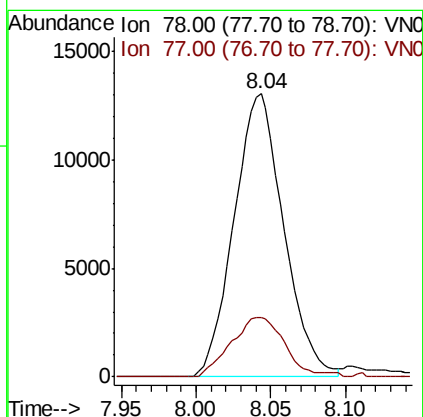
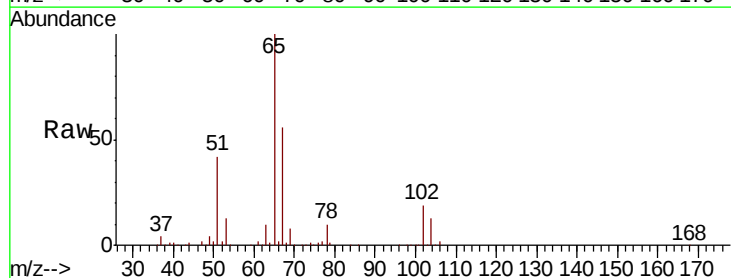
Instrument :
MSVOA_N
ClientSampleId :

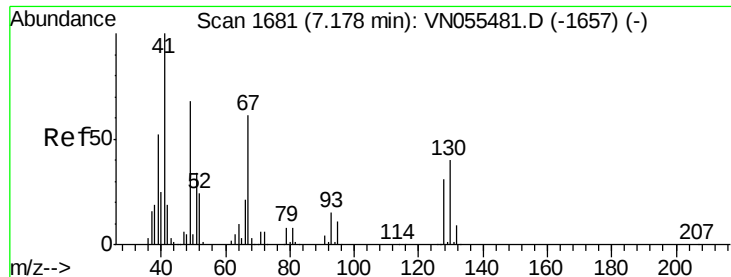
Tot Ion: 83 Resp: 11572
Ion Ratio Lower Upper
83 100
55 85.2 67.0 100.4
98 37.9 34.2 51.4



#40
Benzene
Concen: 0.815 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055489.D
Acq: 9 May 2019 11:53

Tgt Ion: 78 Resp: 30153
Ion Ratio Lower Upper
78 100
77 21.0 18.6 27.8

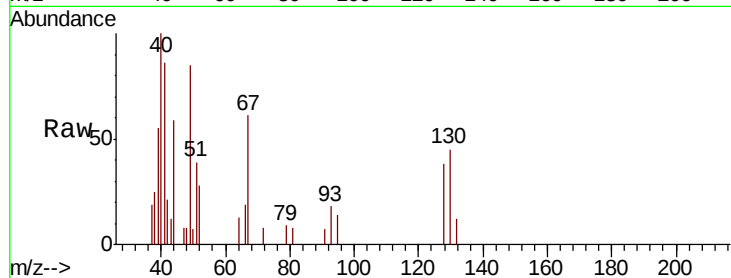




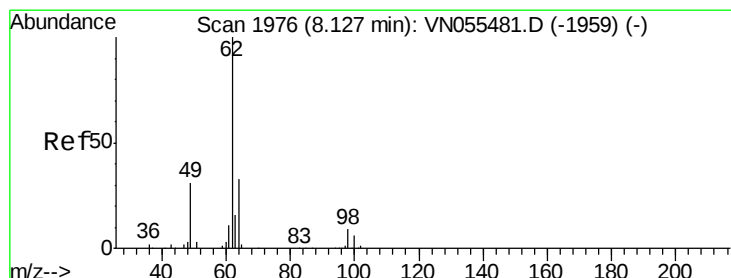
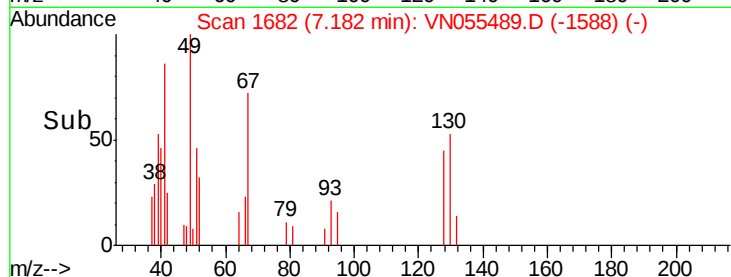
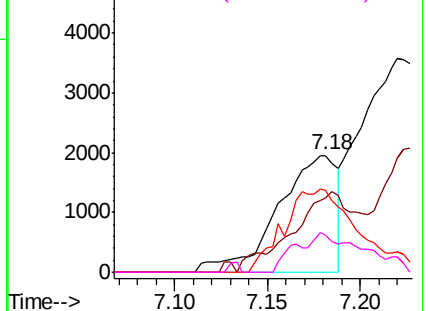
#41
Methacrylonitrile
Concen: 0.715 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN055489.D
Acq: 9 May 2019 11:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 4313
Ion Ratio Lower Upper
41 100
39 77.1 44.7 67.1#
67 91.5 61.4 92.0
52 31.0 25.0 37.4

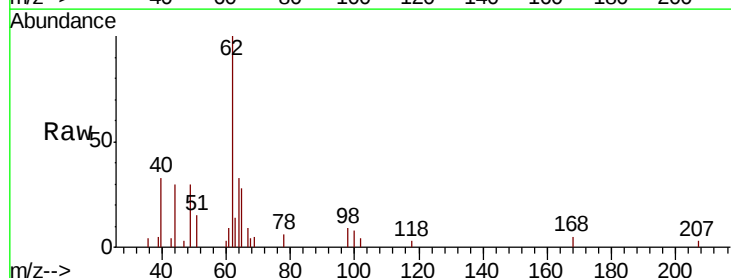


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

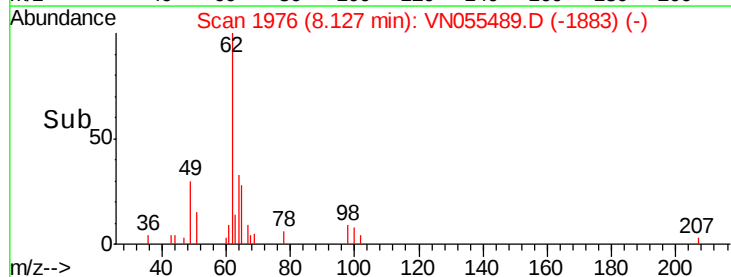
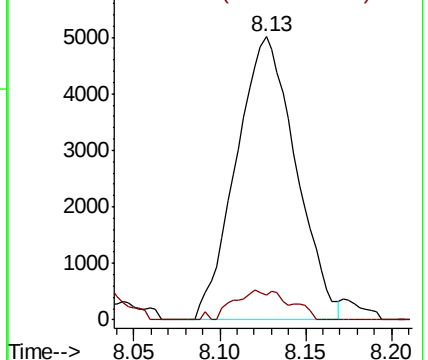


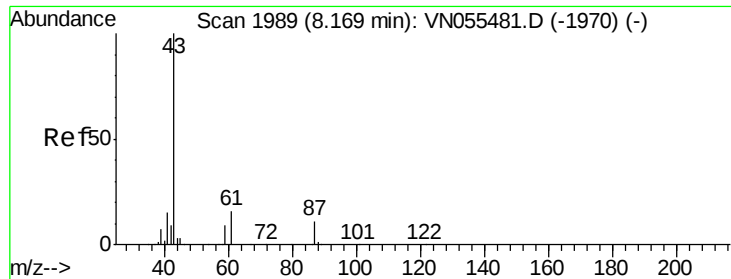
#42
1,2-Dichloroethane
Concen: 0.928 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN055489.D
Acq: 9 May 2019 11:53

Tgt Ion: 62 Resp: 12058
Ion Ratio Lower Upper
62 100
98 9.6 0.0 17.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 0.779 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

Instrument :

MSVOA_N

ClientSampled :

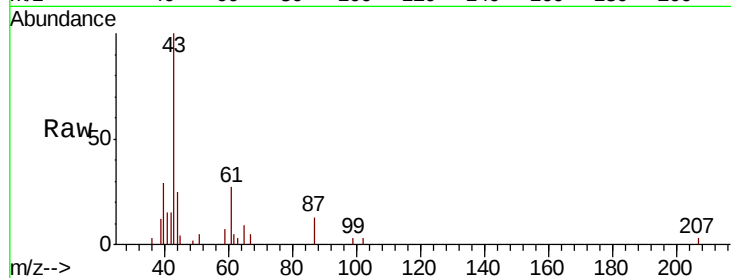
Tot Ion: 43 Resp: 15377

Ion Ratio Lower Upper

43 100

61 22.3 15.1 22.7

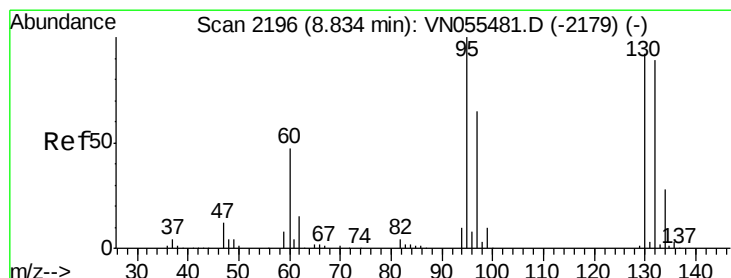
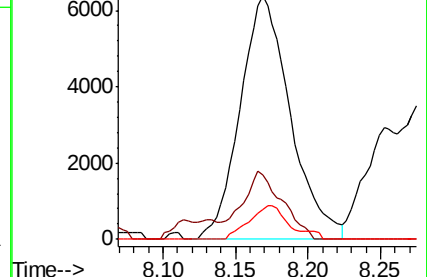
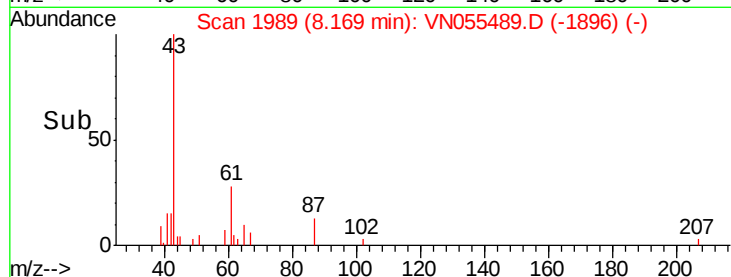
87 11.1 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN055489.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055489.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055489.D (-1970) (-)



#44

Trichloroethene

Concen: 0.901 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055489.D

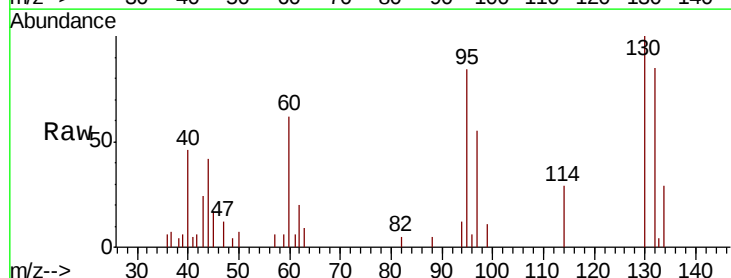
Acq: 9 May 2019 11:53

Tgt Ion: 130 Resp: 7928

Ion Ratio Lower Upper

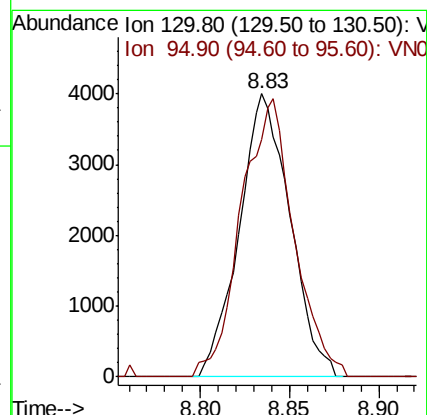
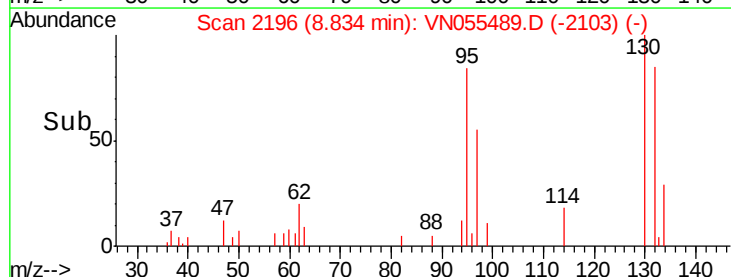
130 100

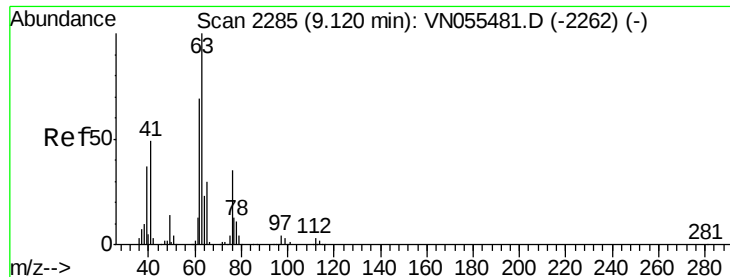
95 83.9 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN055489.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055489.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 0.803 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

Instrument :

MSVOA_N

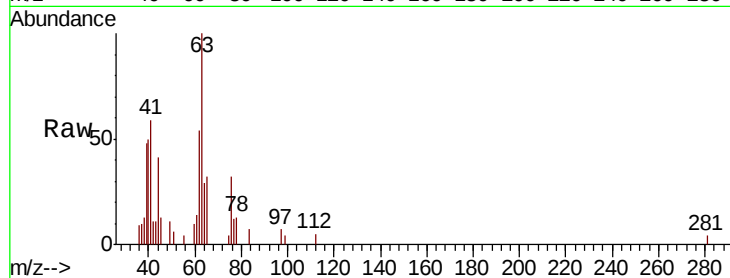
ClientSampleId :

Tot Ion: 63 Resp: 8499

Ion Ratio Lower Upper

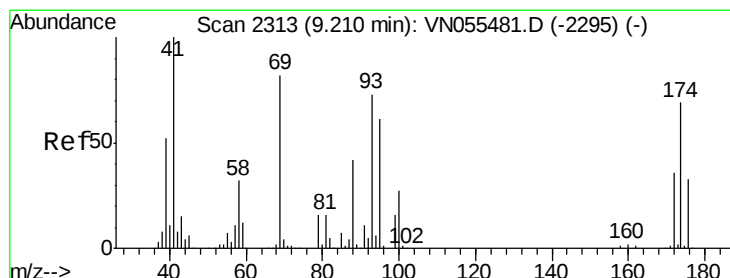
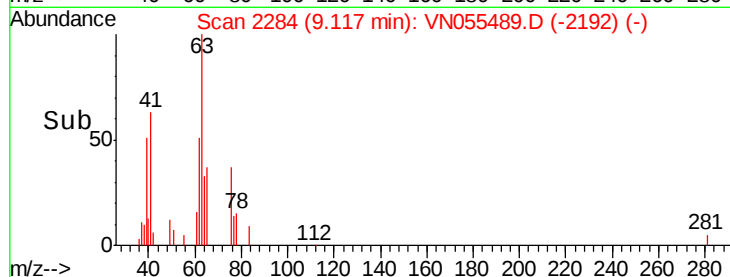
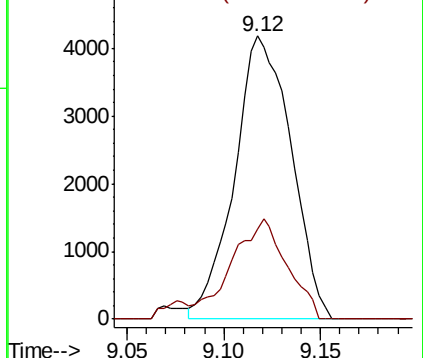
63 100

65 32.0 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 0.814 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

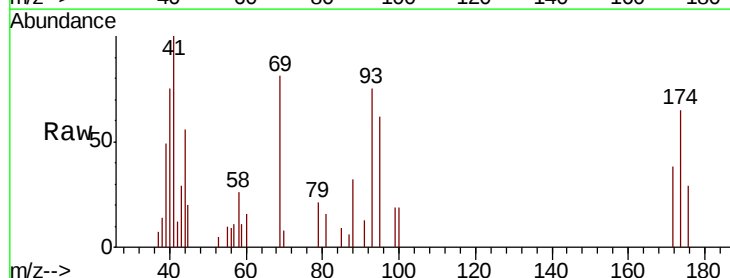
Tgt Ion: 93 Resp: 4994

Ion Ratio Lower Upper

93 100

95 84.0 64.8 97.2

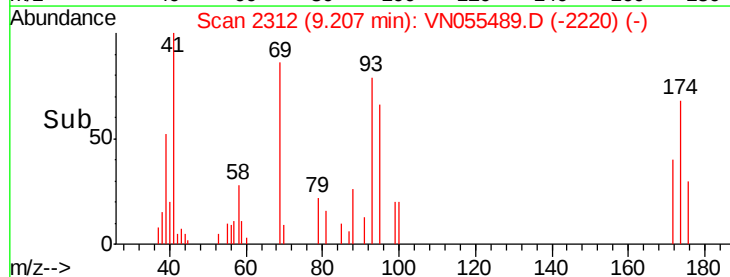
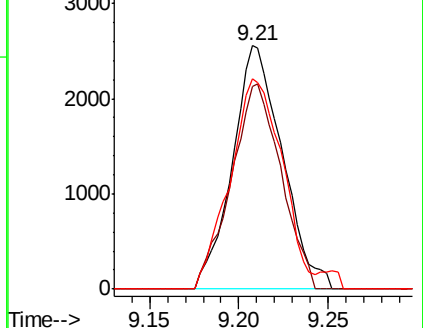
174 90.6 75.0 112.6

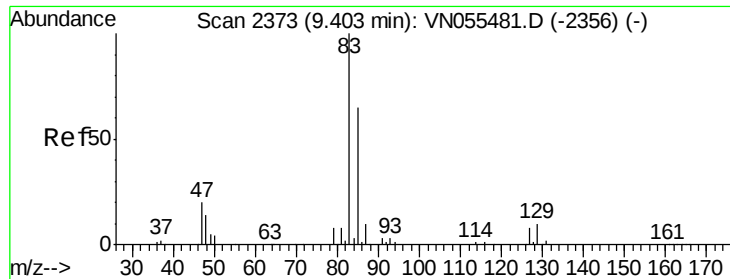


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 0.815 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

Instrument :

MSVOA_N

ClientSampleId :

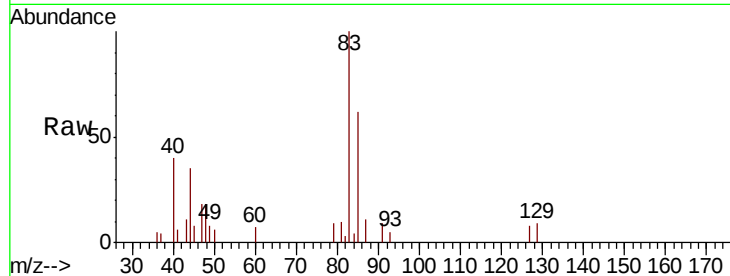
Tot Ion: 83 Resp: 9568

Ion Ratio Lower Upper

83 100

85 59.1 52.2 78.2

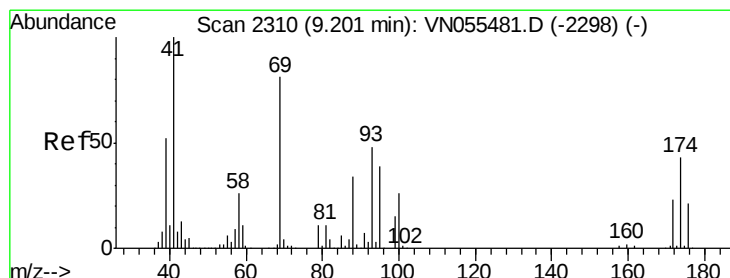
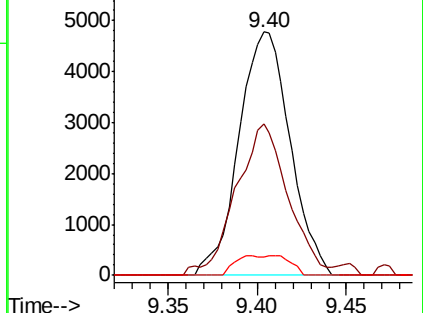
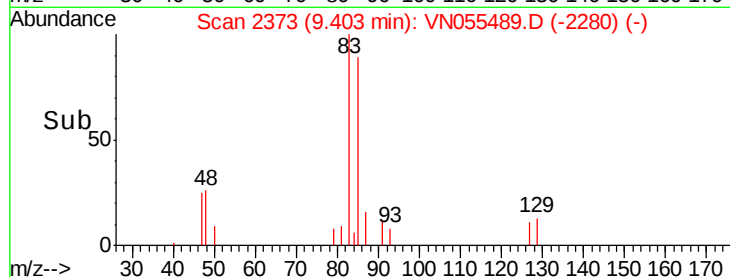
127 7.8 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN055489.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055489.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055489.D (-2280) (-)



#48

Methyl methacrylate

Concen: 0.854 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.01 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

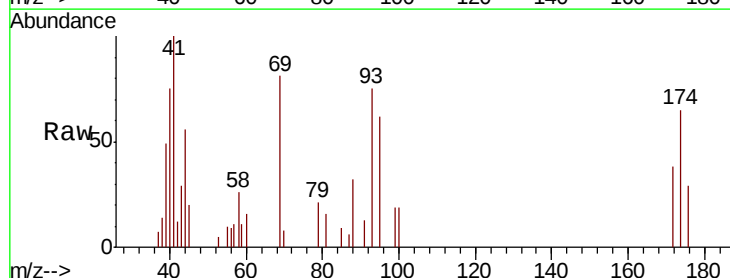
Tgt Ion: 41 Resp: 8126

Ion Ratio Lower Upper

41 100

69 64.6 64.2 96.2

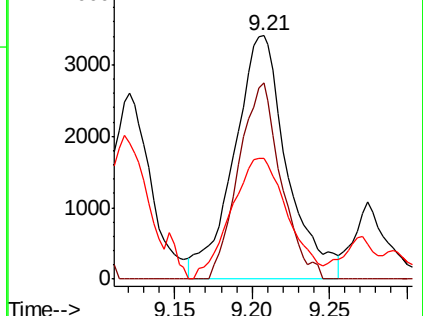
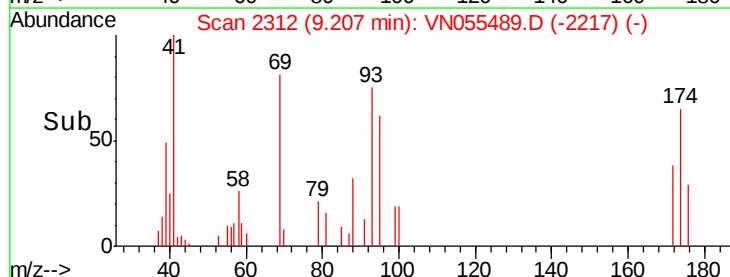
39 53.1 41.6 62.4

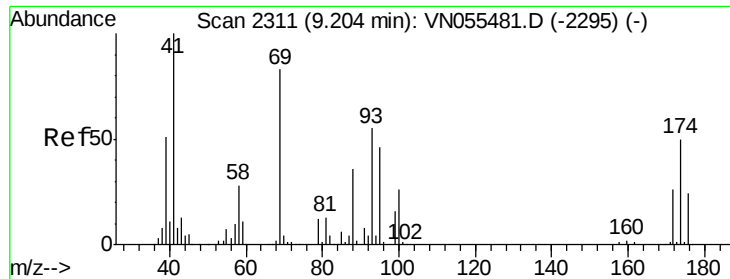


Abundance Ion 41.00 (40.70 to 41.70): VN055489.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055489.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055489.D (-2217) (-)

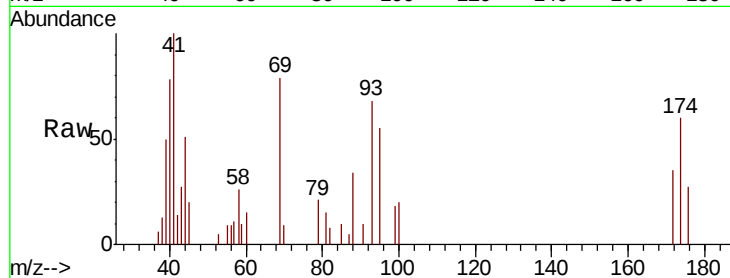




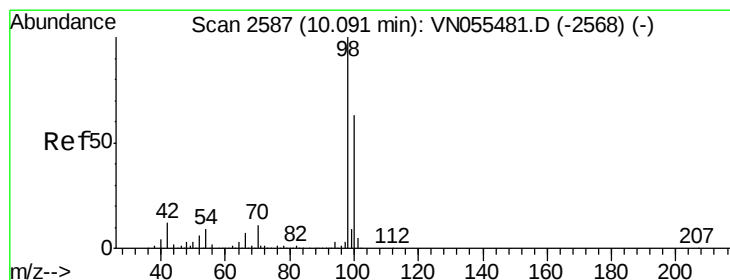
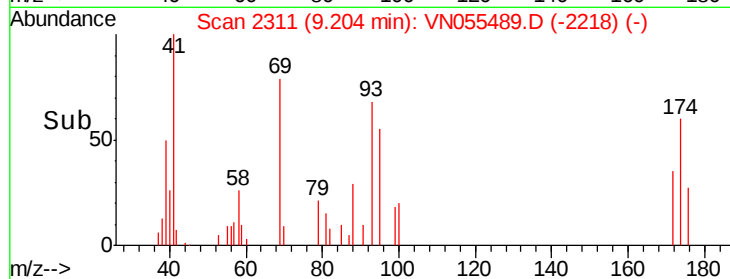
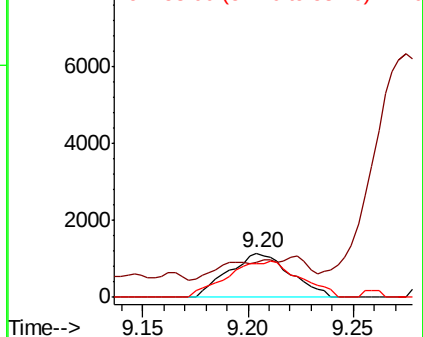
#49
1,4-Dioxane
Concen: 12.643 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN055489.D
Acq: 9 May 2019 11:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 2345
Ion Ratio Lower Upper
88 100
43 23.4 27.8 41.8#
58 95.9 61.8 92.6#

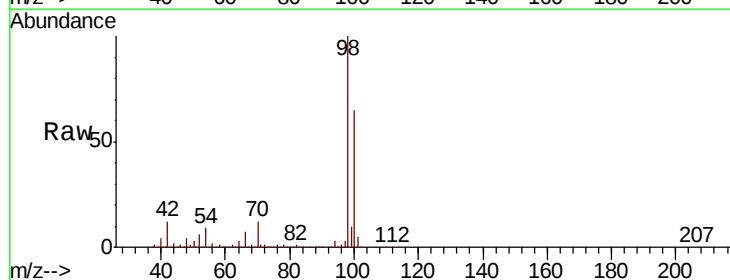


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

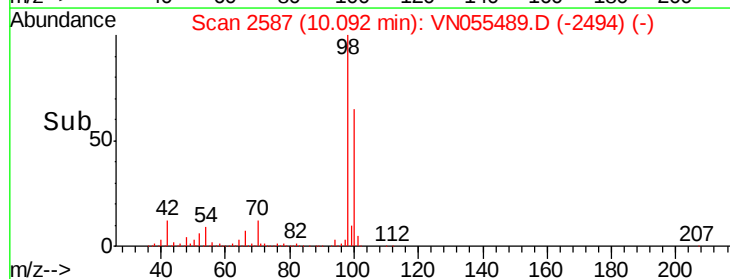
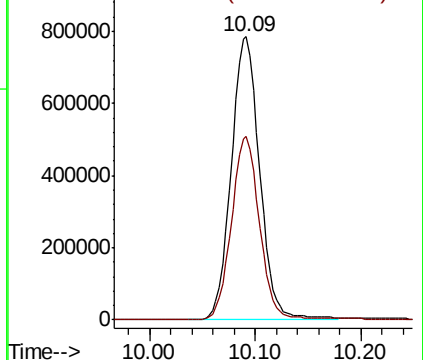


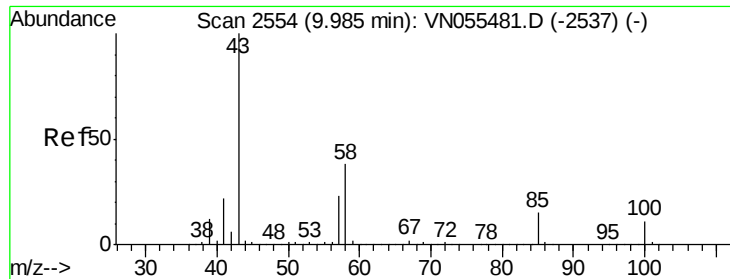
#50
Toluene-d8
Concen: 48.192 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055489.D
Acq: 9 May 2019 11:53

Tgt Ion: 98 Resp: 1465622
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 3.466 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

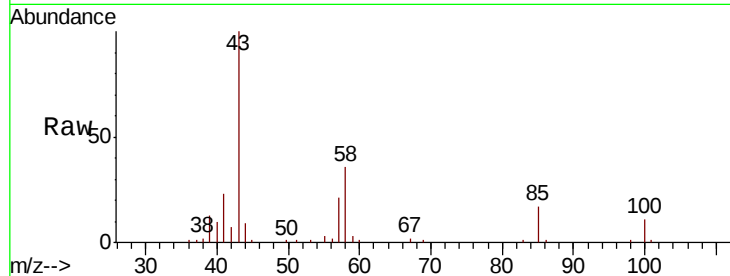
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 45020

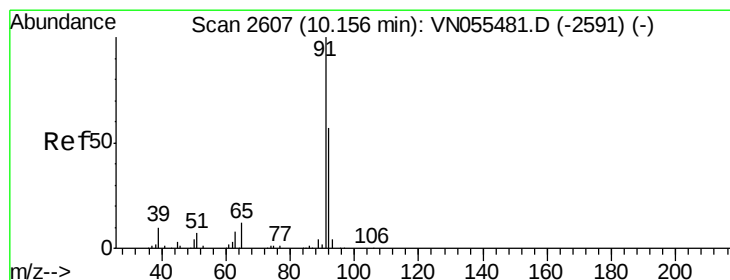
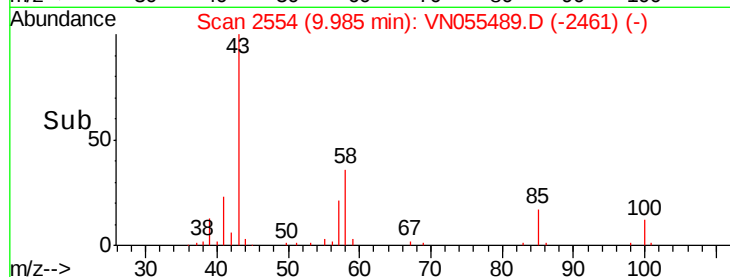
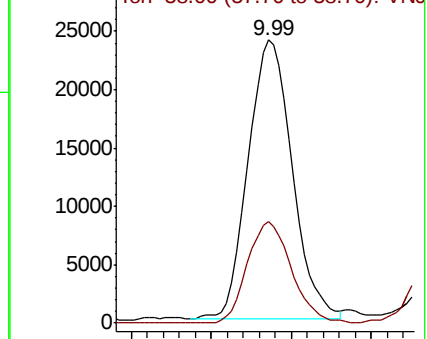
Ion Ratio Lower Upper

43 100

58 36.4 29.9 44.9



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



#52

Toluene

Concen: 0.829 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055489.D

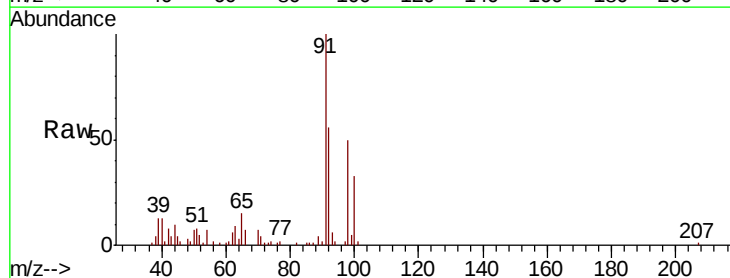
Acq: 9 May 2019 11:53

Tgt Ion: 92 Resp: 17528

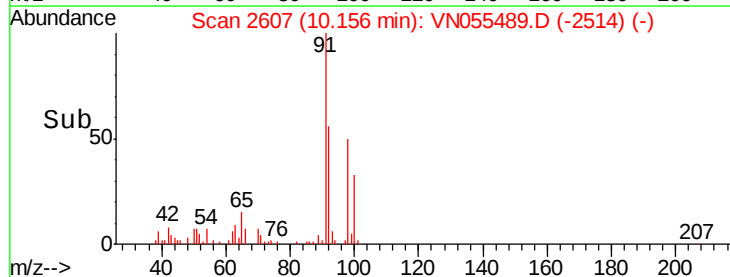
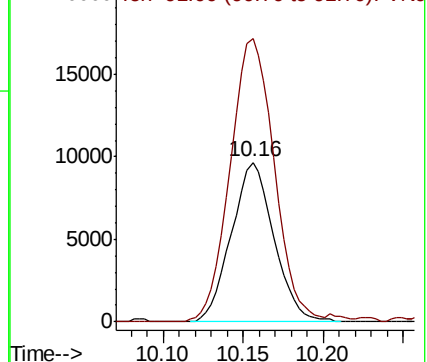
Ion Ratio Lower Upper

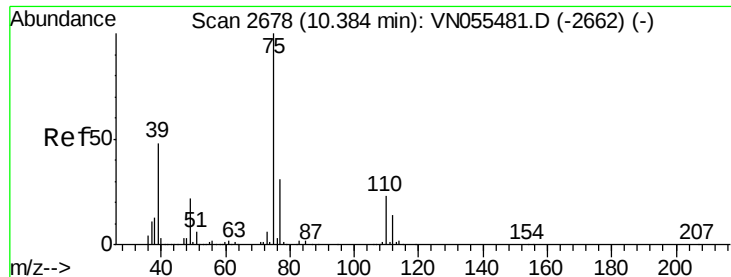
92 100

91 183.5 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VN0
Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 0.767 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

Instrument :

MSVOA_N

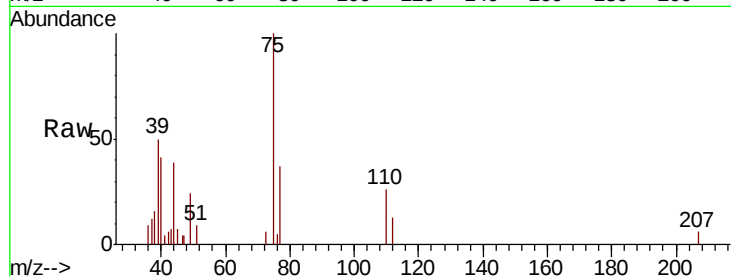
ClientSampled :

Tot Ion: 75 Resp: 8646

Ion Ratio Lower Upper

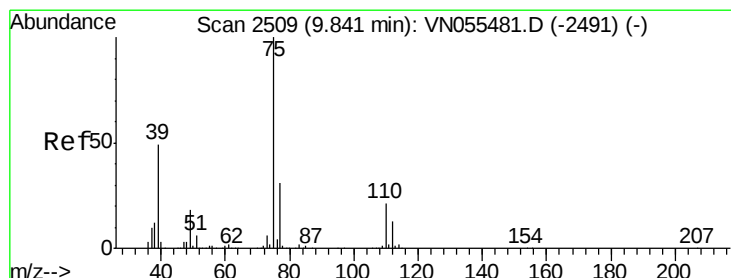
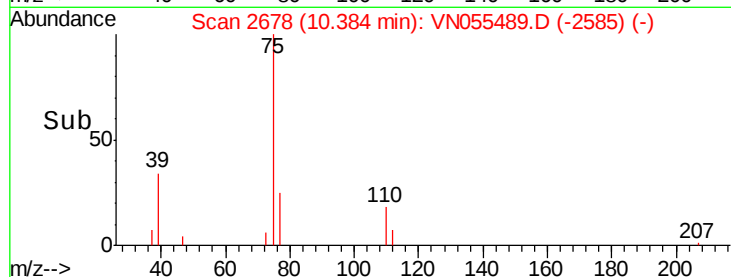
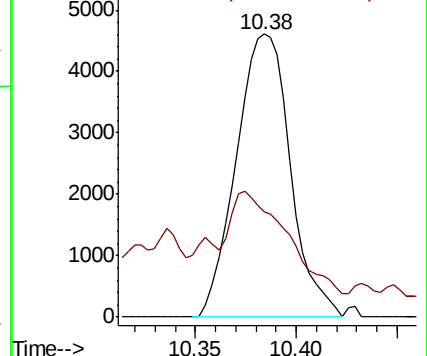
75 100

77 29.2 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 0.743 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

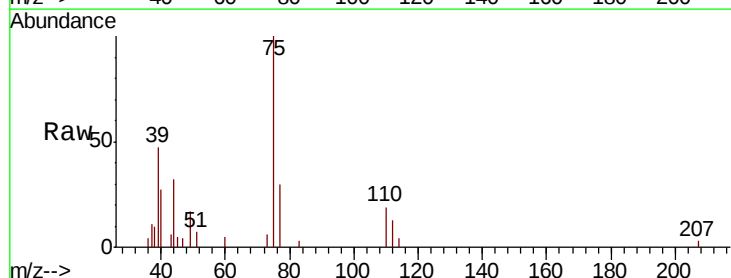
Tgt Ion: 75 Resp: 10013

Ion Ratio Lower Upper

75 100

77 30.1 24.4 36.6

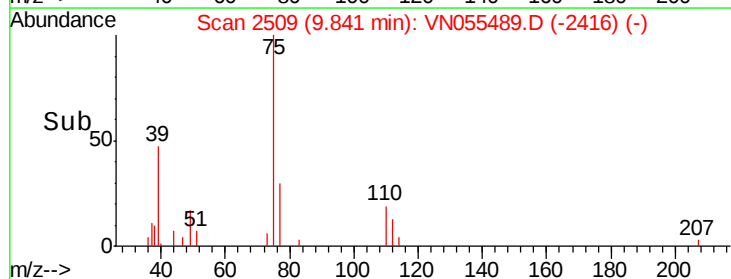
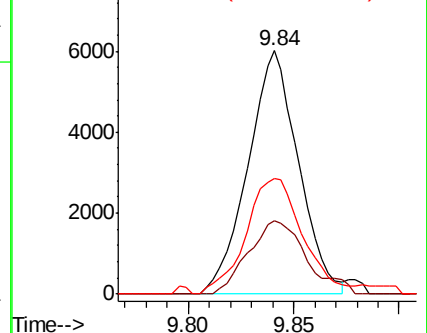
39 47.4 39.5 59.3

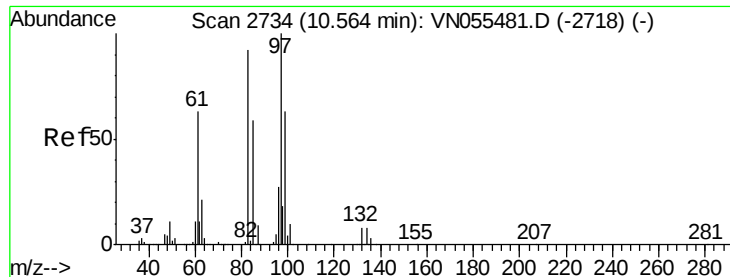


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

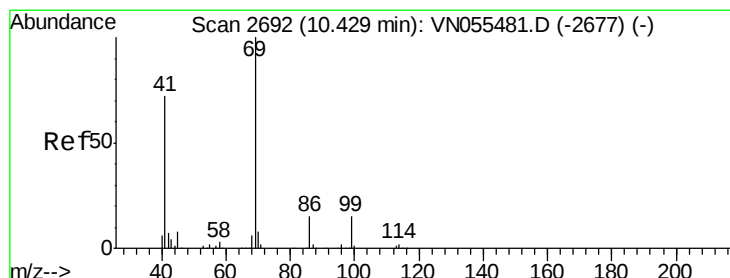
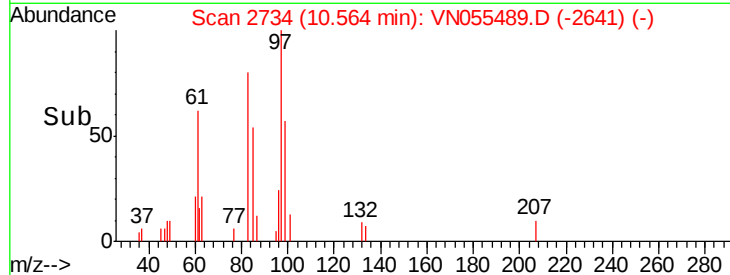
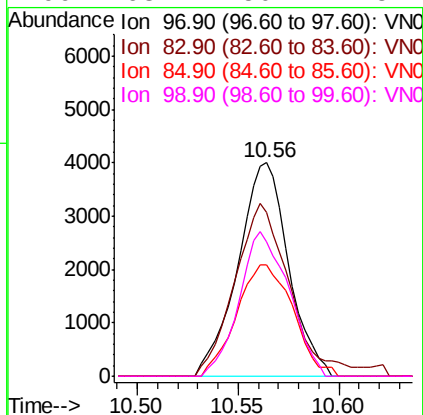
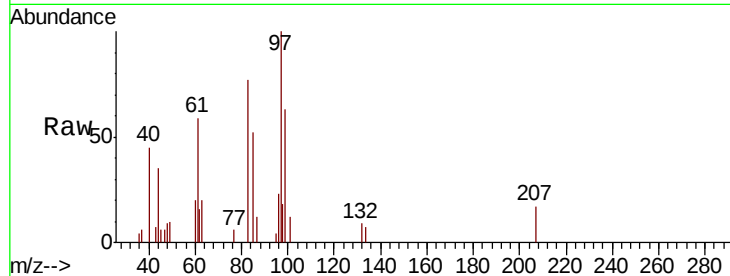




#55
 1,1,2-Trichloroethane
 Concen: 0.818 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN055489.D
 Acq: 9 May 2019 11:53

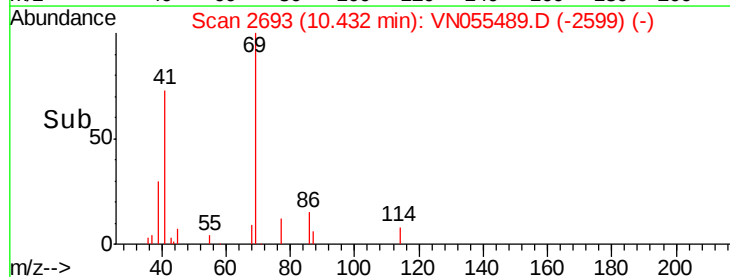
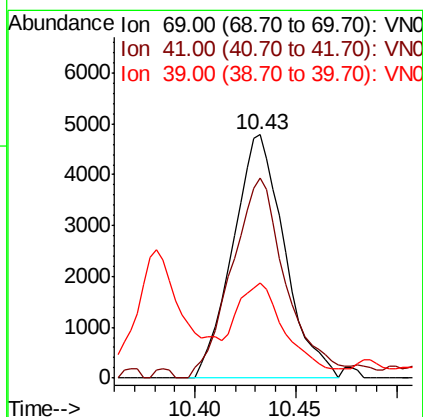
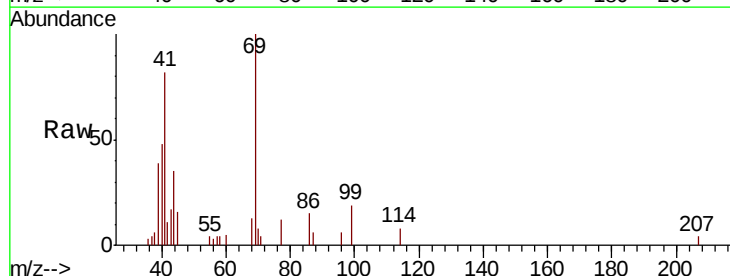
Instrument :
 MSVOA_N
 ClientSampleId :

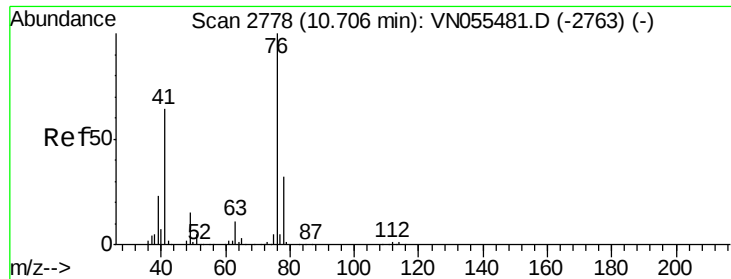
Tot Ion:	97	Resp:	7012
Ion	Ratio	Lower	Upper
97	100		
83	76.7	73.2	109.8
85	52.2	47.5	71.3
99	63.2	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 0.672 ug/l
 RT: 10.43 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN055489.D
 Acq: 9 May 2019 11:53

Tgt Ion:	69	Resp:	8566
Ion	Ratio	Lower	Upper
69	100		
41	89.2	56.2	84.2#
39	34.3	27.8	41.6

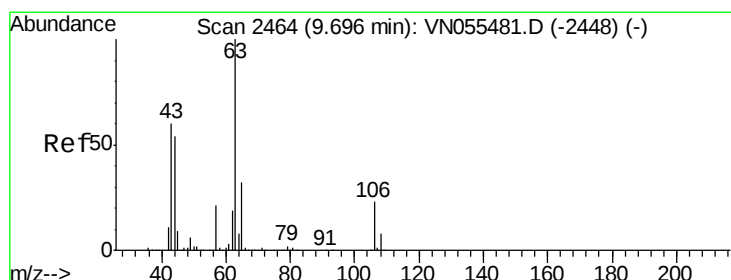
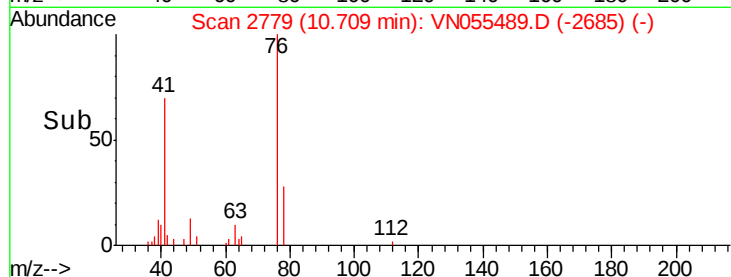
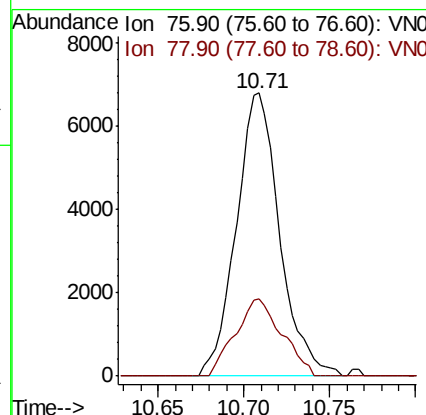
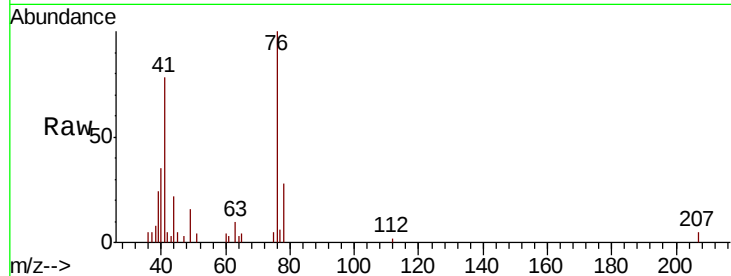




#57
 1,3-Dichloropropane
 Concen: 0.781 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN055489.D
 Acq: 9 May 2019 11:53

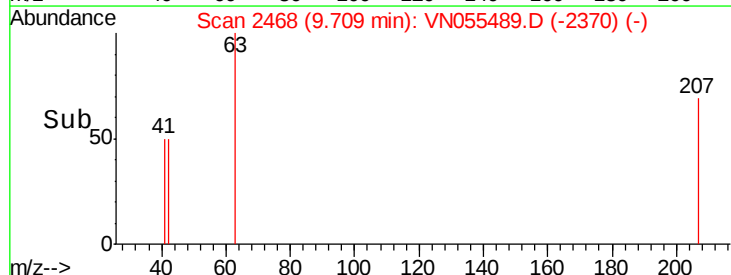
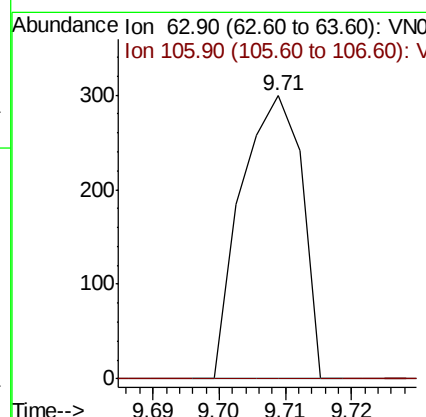
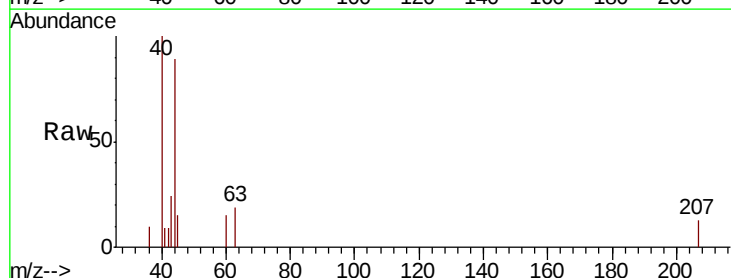
Instrument :
 MSVOA_N
 ClientSampled :

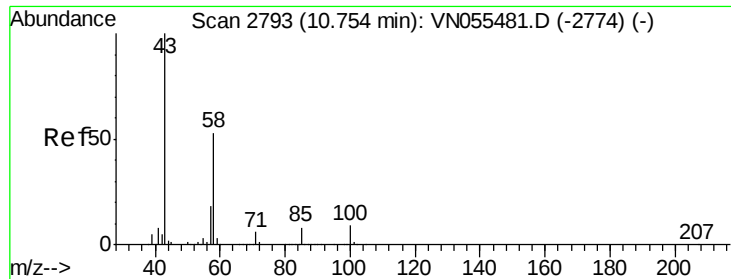
Tot Ion: 76 Resp: 11887
 Ion Ratio Lower Upper
 76 100
 78 29.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 12.554 ug/l
 RT: 9.71 min Scan# 2468
 Delta R.T. 0.01 min
 Lab File: VN055489.D
 Acq: 9 May 2019 11:53

Tgt Ion: 63 Resp: 190
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.6 27.8#

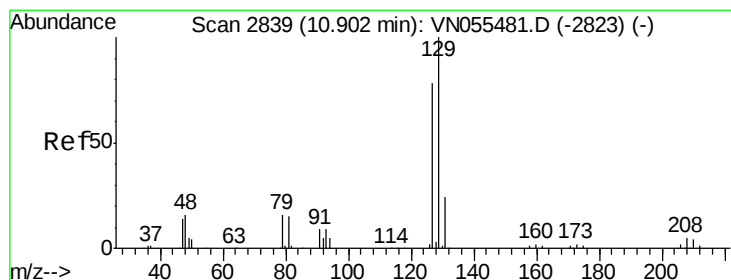
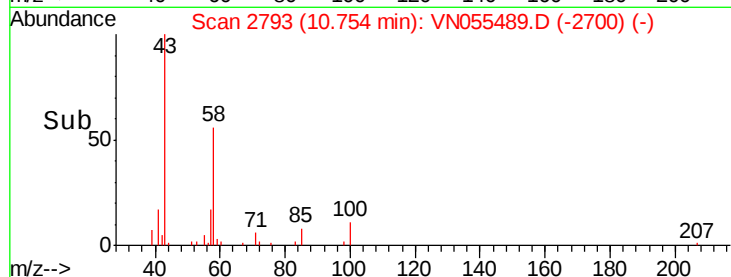
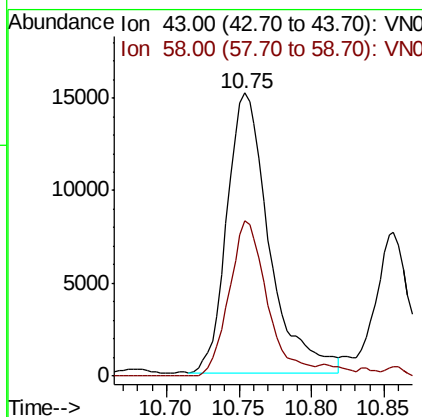
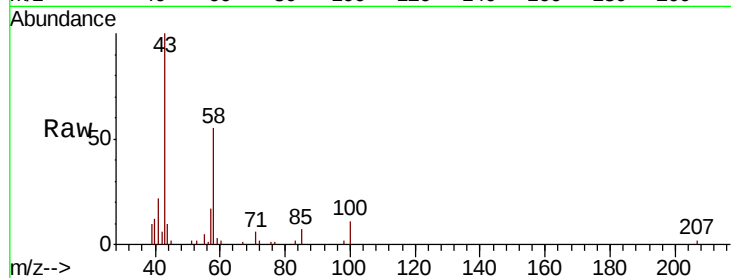




#59
2-Hexanone
Concen: 3.360 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055489.D
Acq: 9 May 2019 11:53

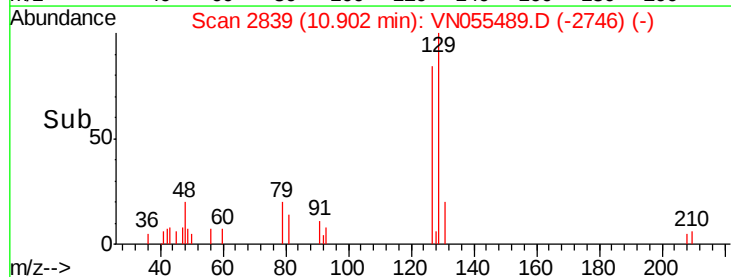
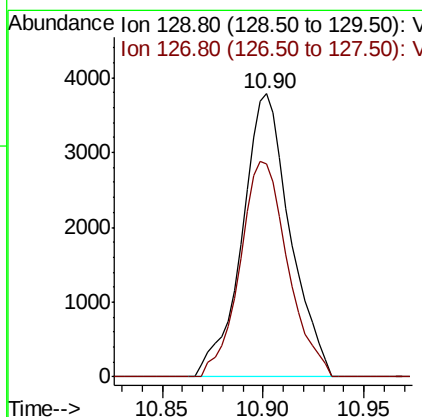
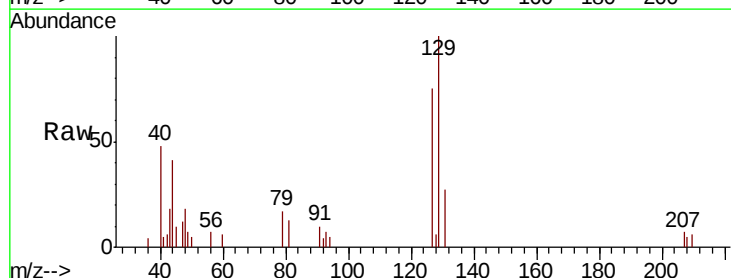
Instrument :
MSVOA_N
ClientSampleId :

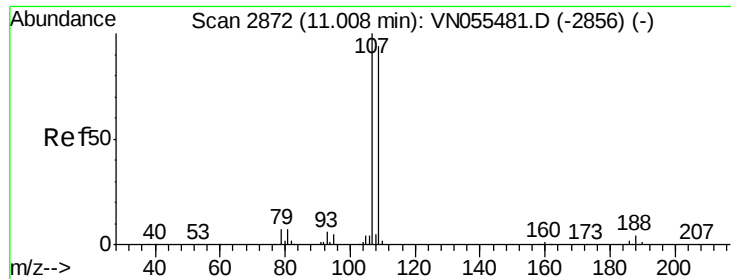
Tot Ion: 43 Resp: 30614
Ion Ratio Lower Upper
43 100
58 49.8 26.4 79.0



#60
Dibromochloromethane
Concen: 0.806 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055489.D
Acq: 9 May 2019 11:53

Tgt Ion: 129 Resp: 6280
Ion Ratio Lower Upper
129 100
127 76.0 38.6 116.0

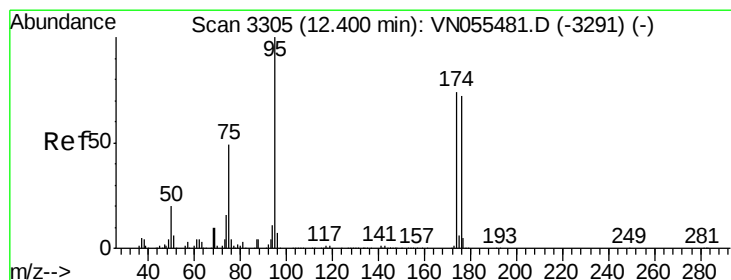
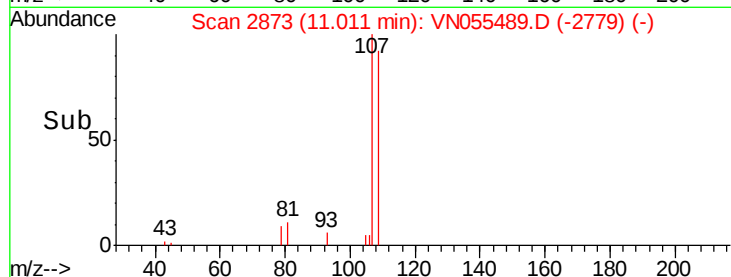
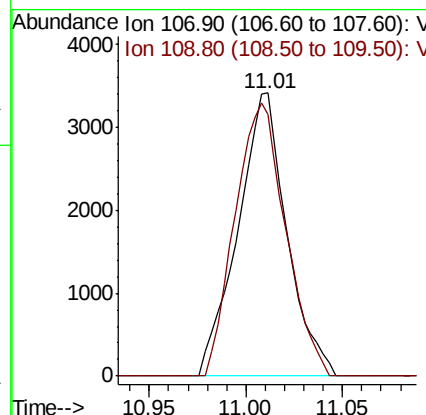
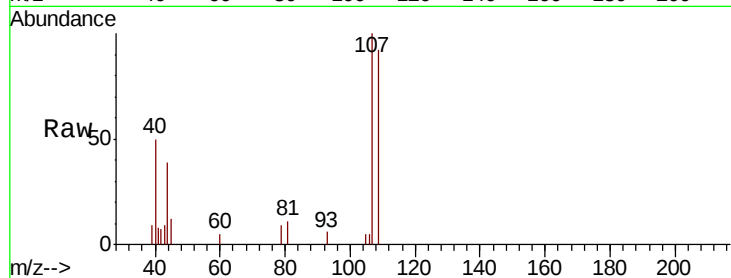




#61
 1,2-Dibromoethane
 Concen: 0.732 ug/l
 RT: 11.01 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN055489.D
 Acq: 9 May 2019 11:53

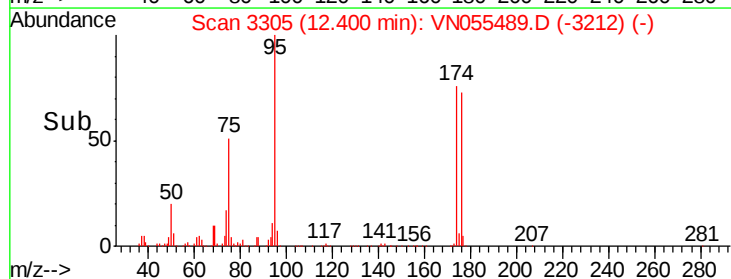
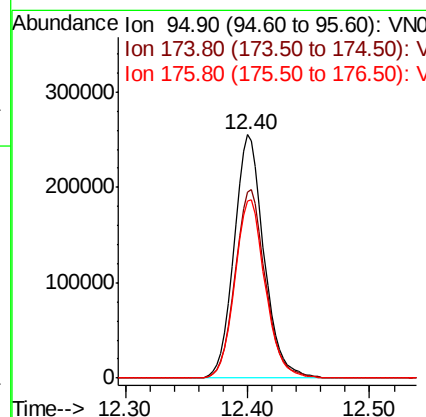
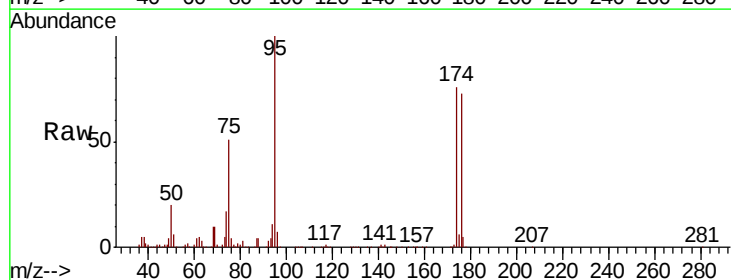
Instrument :
 MSVOA_N
 ClientSampleId :

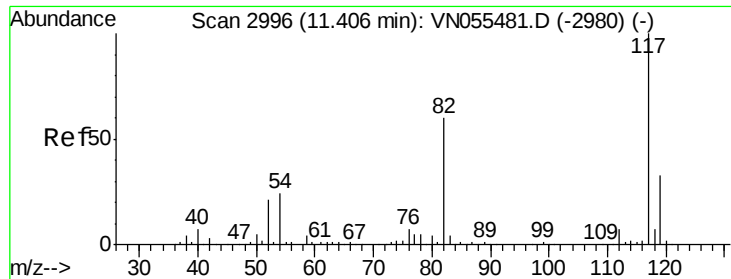
Tot Ion: 107 Resp: 6023
 Ion Ratio Lower Upper
 107 100
 109 99.6 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 42.479 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055489.D
 Acq: 9 May 2019 11:53

Tgt Ion: 95 Resp: 435595
 Ion Ratio Lower Upper
 95 100
 174 78.5 0.0 152.2
 176 74.5 0.0 147.8

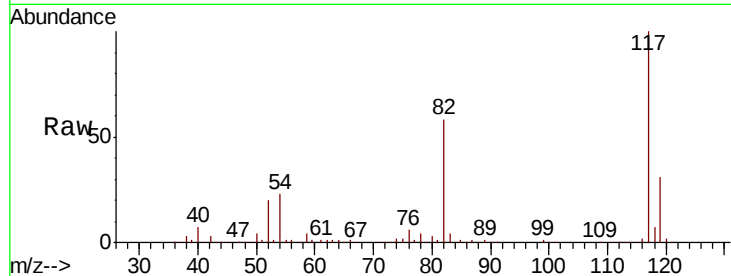




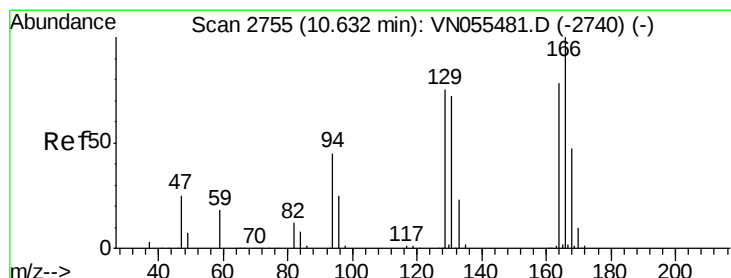
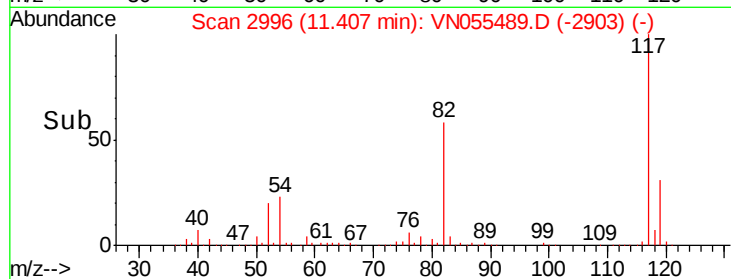
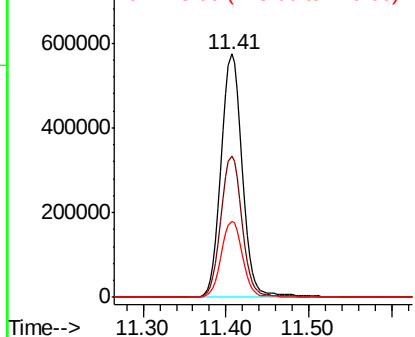
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055489.D
Acq: 9 May 2019 11:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1015690
Ion Ratio Lower Upper
117 100
82 58.1 48.0 72.0
119 31.4 26.0 39.0

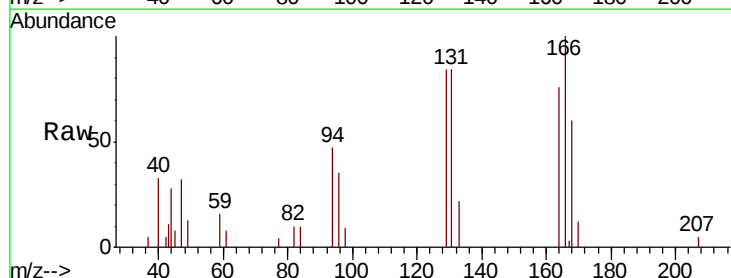


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

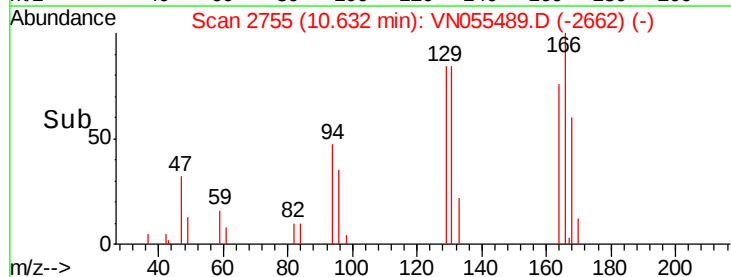
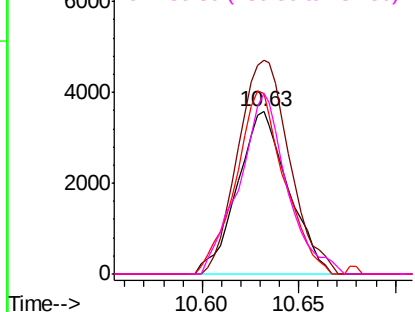


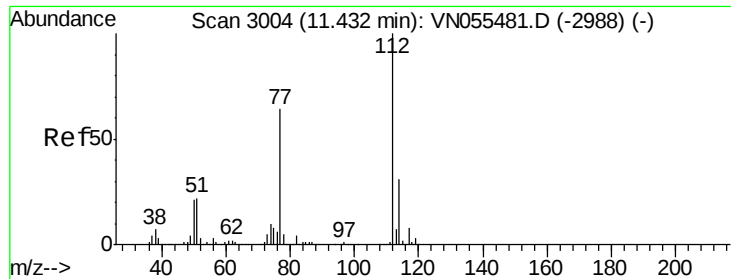
#64
Tetrachloroethene
Concen: 0.786 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055489.D
Acq: 9 May 2019 11:53

Tgt Ion:164 Resp: 6541
Ion Ratio Lower Upper
164 100
166 131.6 102.6 153.8
129 110.9 77.0 115.6
131 111.1 73.7 110.5#



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

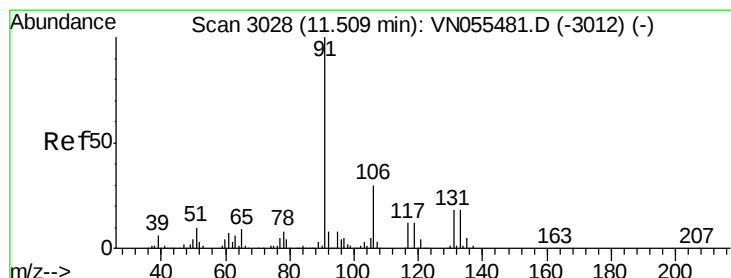
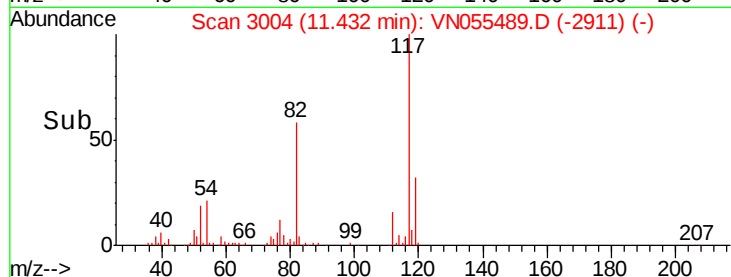
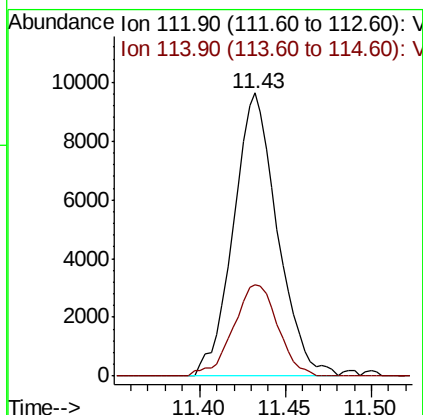
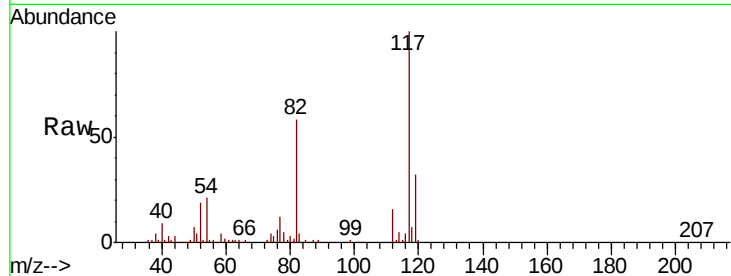




#65
Chlorobenzene
Concen: 0.820 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055489.D
Acq: 9 May 2019 11:53

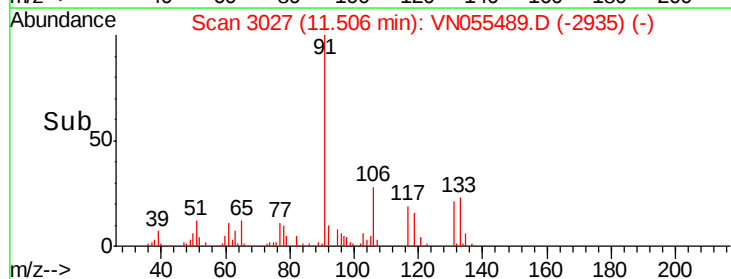
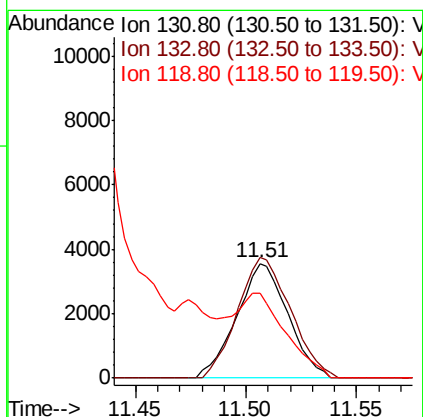
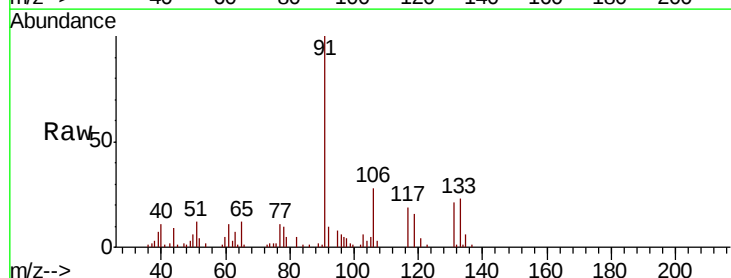
Instrument :
MSVOA_N
ClientSampleId :

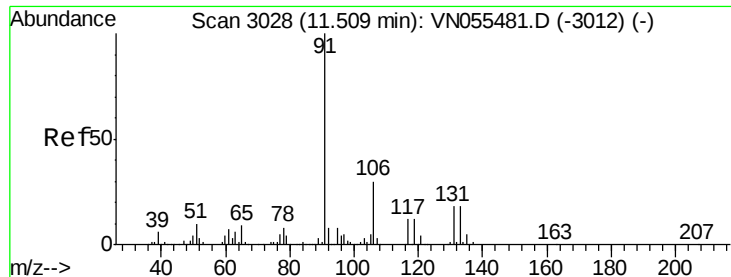
Tot Ion:112 Resp: 17137
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.796 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055489.D
Acq: 9 May 2019 11:53

Tgt Ion:131 Resp: 5724
Ion Ratio Lower Upper
131 100
133 108.8 47.4 142.2
119 0.0 34.1 102.2#





#67

Ethyl Benzene

Concen: 0.759 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

Instrument :

MSVOA_N

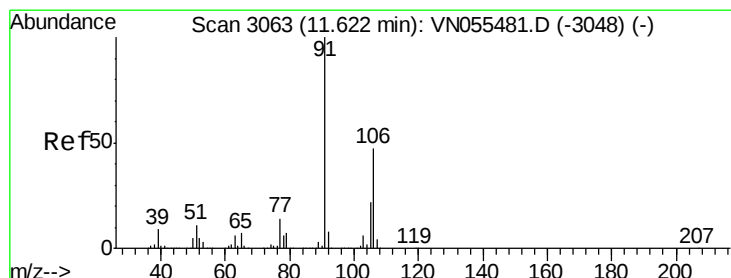
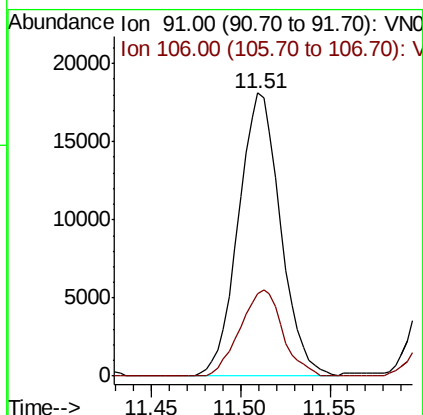
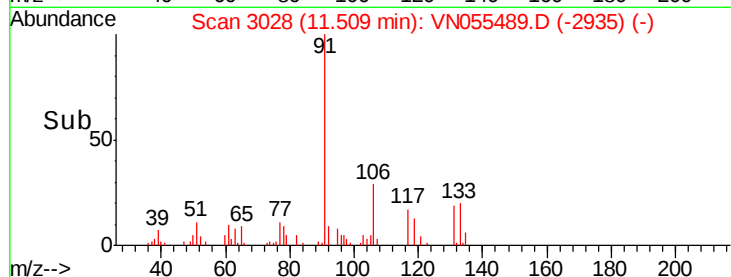
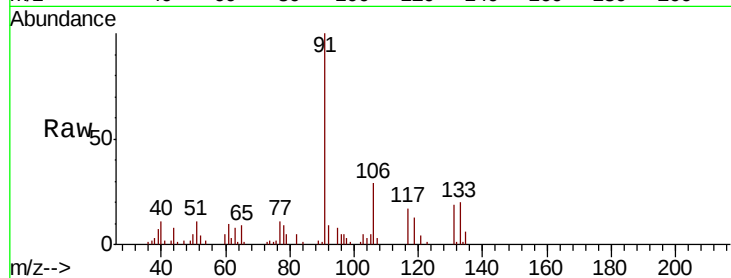
ClientSampleId :

Tot Ion: 91 Resp: 29769

Ion Ratio Lower Upper

91 100

106 29.2 23.8 35.6



#68

m/p-Xylenes

Concen: 1.464 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN055489.D

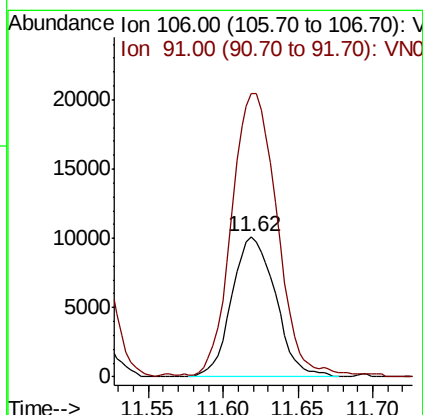
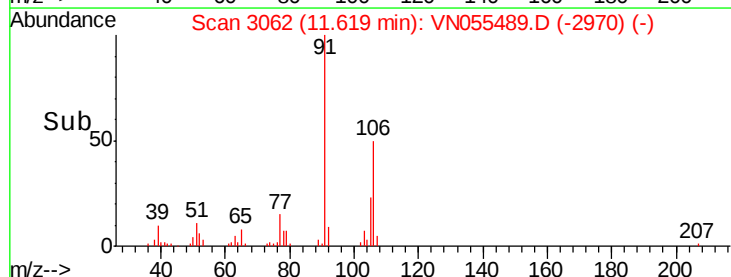
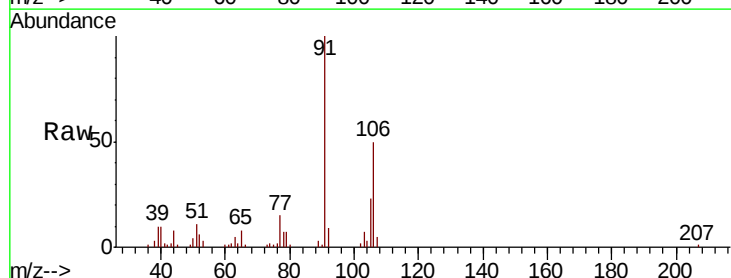
Acq: 9 May 2019 11:53

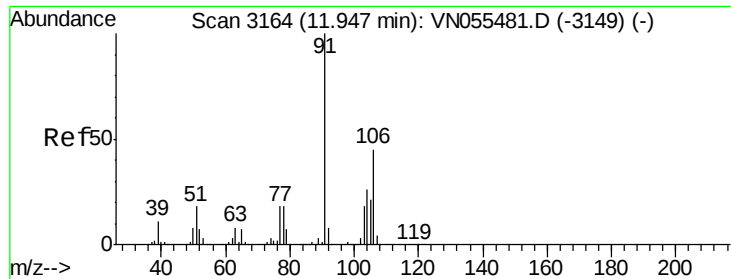
Tgt Ion: 106 Resp: 20621

Ion Ratio Lower Upper

106 100

91 205.5 169.2 253.8

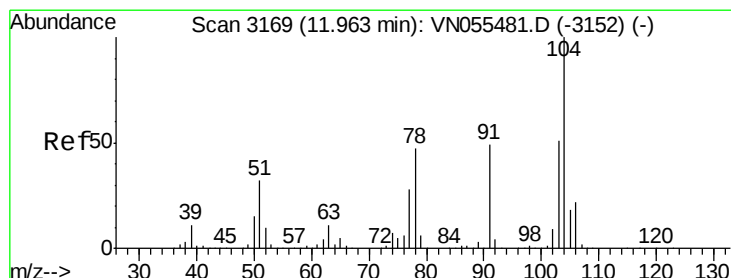
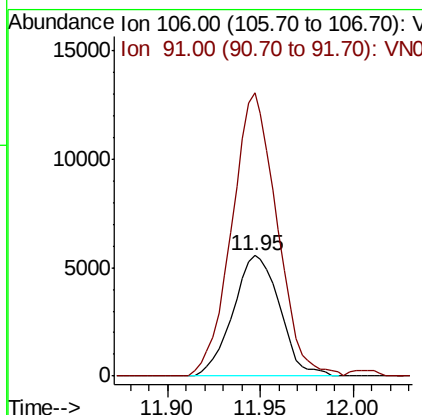
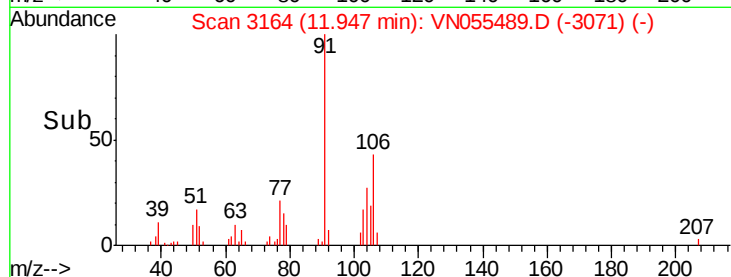
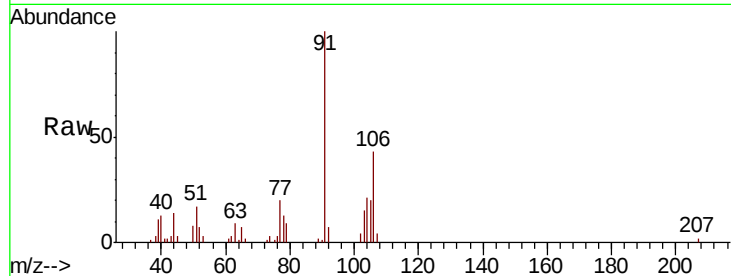




#69
o-Xylene
Concen: 0.704 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055489.D
Acq: 9 May 2019 11:53

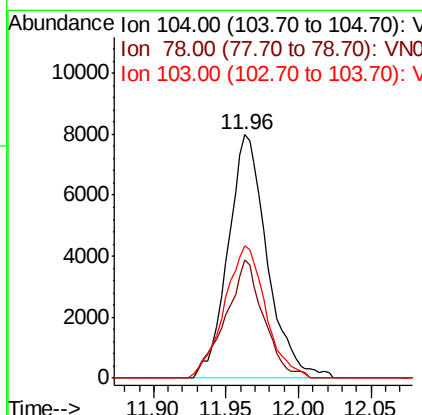
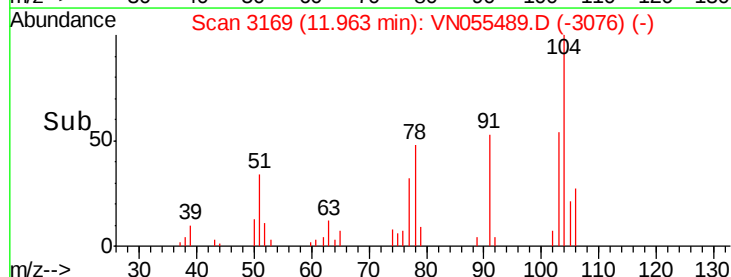
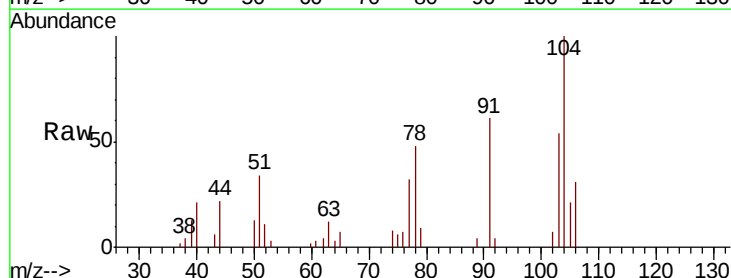
Instrument :
MSVOA_N
ClientSampled :

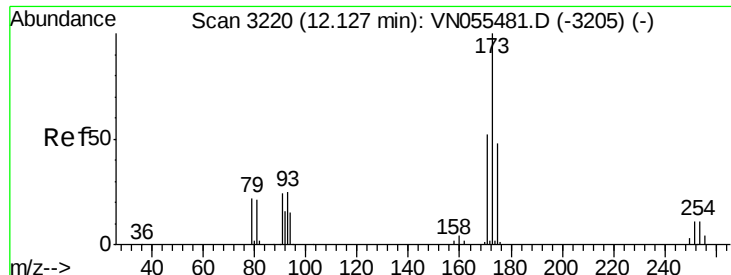
Tot Ion:106 Resp: 9739
Ion Ratio Lower Upper
106 100
91 226.0 111.3 333.8



#70
Styrene
Concen: 0.672 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055489.D
Acq: 9 May 2019 11:53

Tgt Ion:104 Resp: 14913
Ion Ratio Lower Upper
104 100
78 47.5 41.6 62.4
103 57.0 44.4 66.6





#71

Bromoform

Concen: 0.704 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

Instrument :

MSVOA_N

ClientSampled :

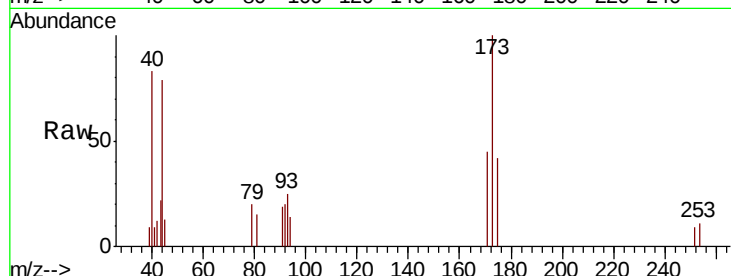
Tot Ion:173 Resp: 3416

Ion Ratio Lower Upper

173 100

175 48.0 24.1 72.4

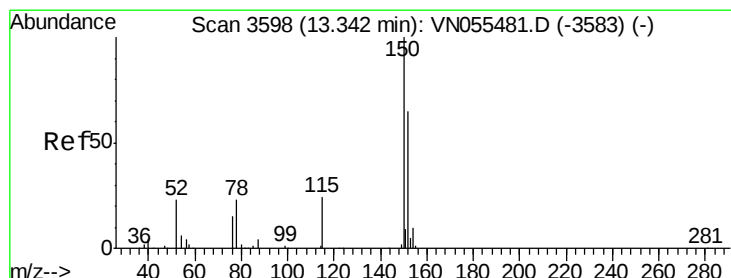
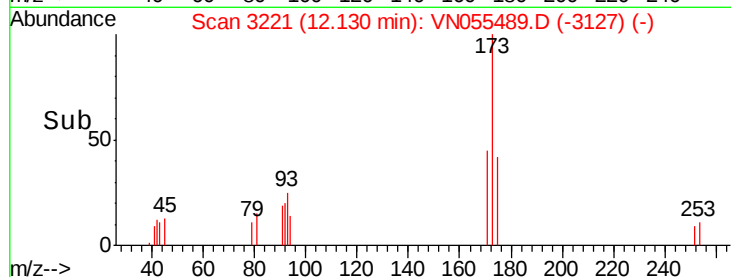
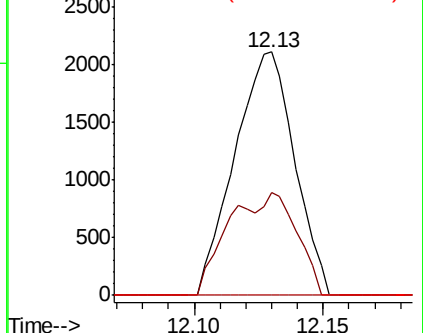
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

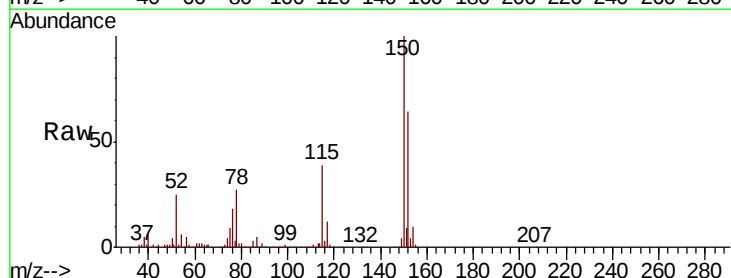
Tgt Ion:152 Resp: 286466

Ion Ratio Lower Upper

152 100

115 59.3 30.1 90.5

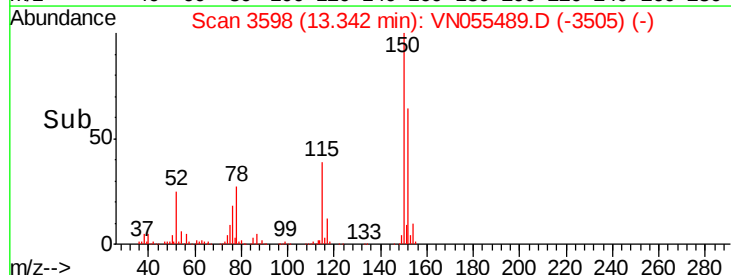
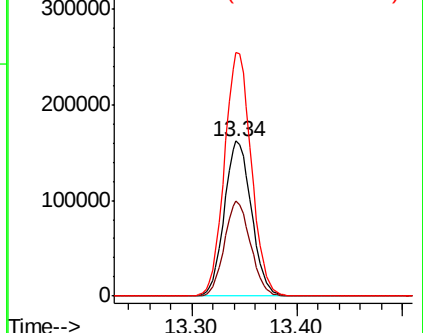
150 156.1 0.0 355.0

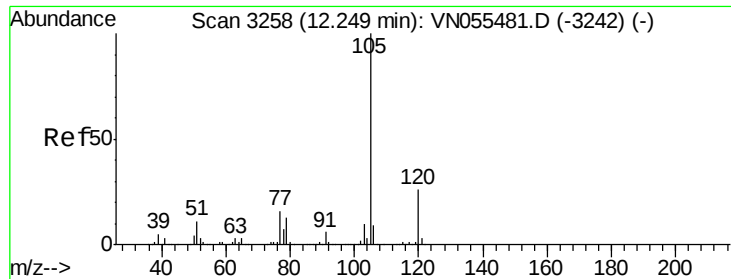


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

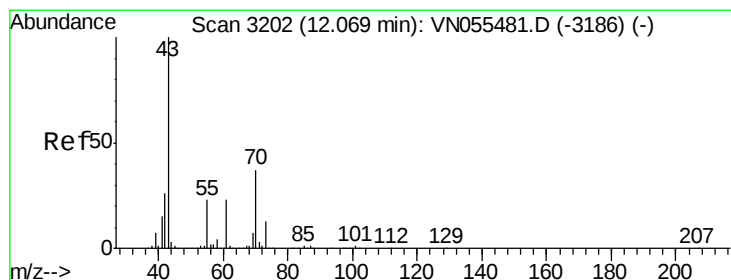
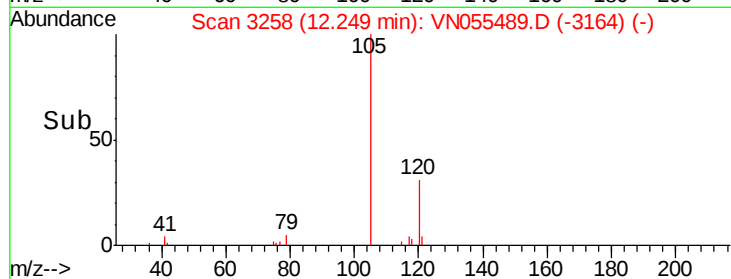
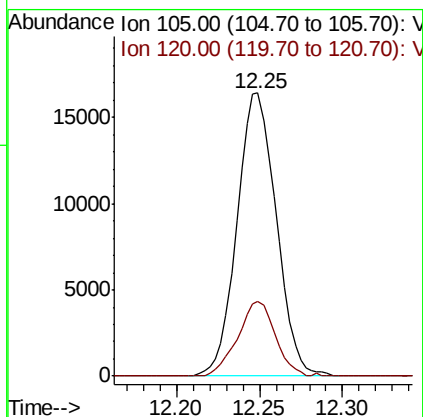
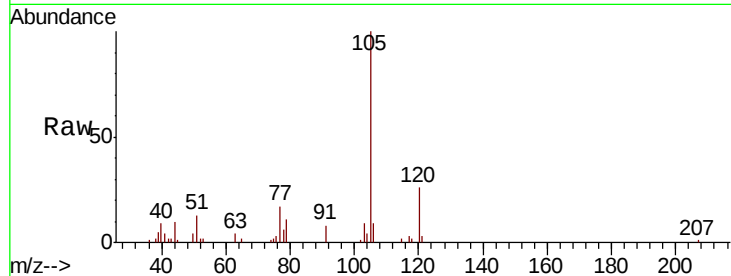




#73
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055489.D
Acq: 9 May 2019 11:53

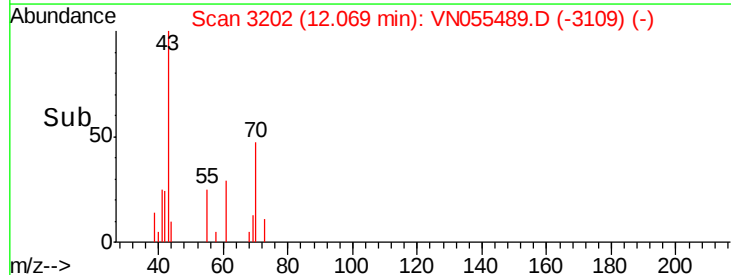
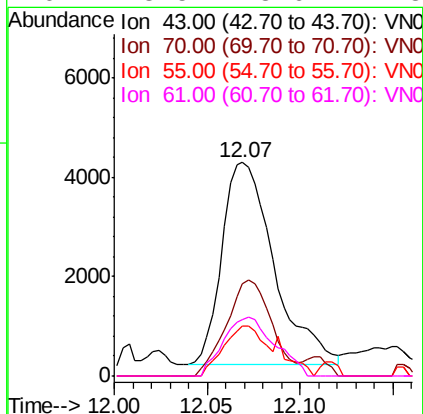
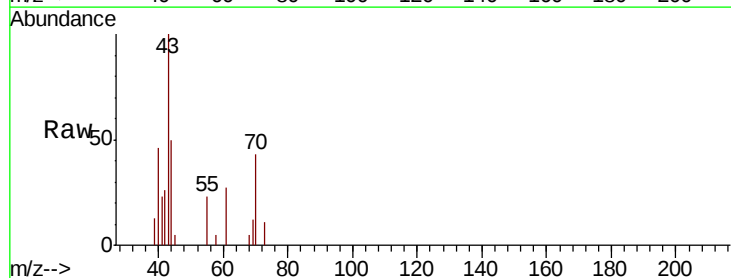
Instrument :
MSVOA_N
ClientSampleId :

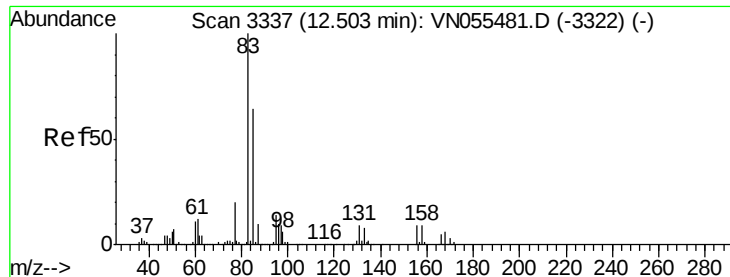
Tot Ion:105 Resp: 27045
Ion Ratio Lower Upper
105 100
120 25.1 13.0 39.0



#74
N-ethyl acetate
Concen: 0.730 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN055489.D
Acq: 9 May 2019 11:53

Tgt Ion: 43 Resp: 7943
Ion Ratio Lower Upper
43 100
70 40.9 30.7 46.1
55 24.5 19.3 28.9
61 28.5 18.6 27.8#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

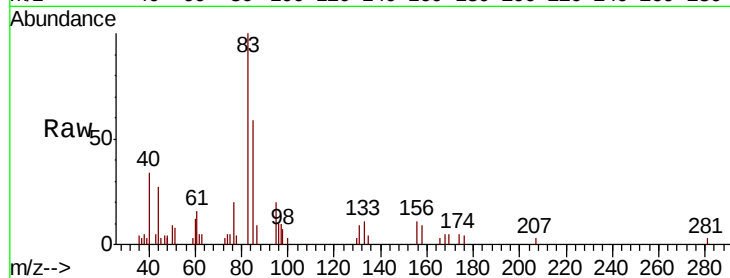
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 83 Resp: 9527

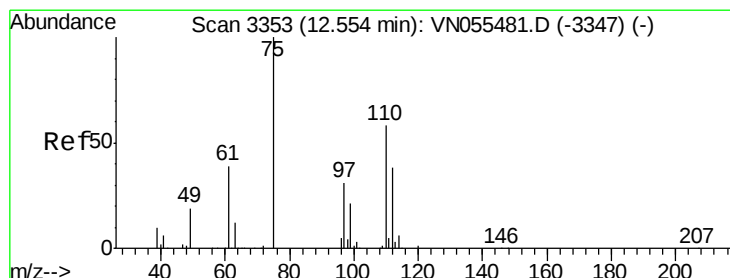
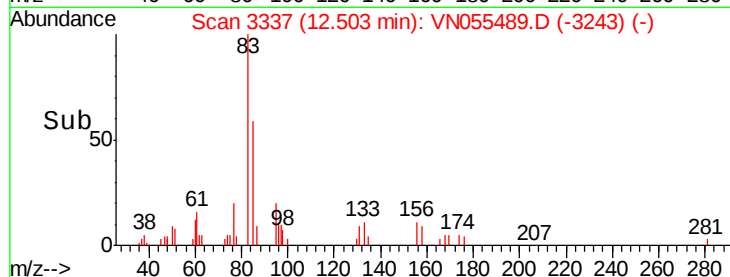
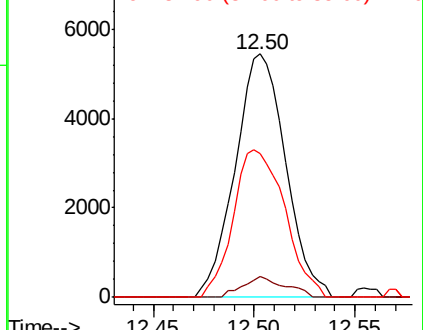
Ion	Ratio	Lower	Upper
83	100		
131	7.3	4.5	13.5
85	61.9	32.0	96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 1.479 ug/l

RT: 12.55 min Scan# 3353

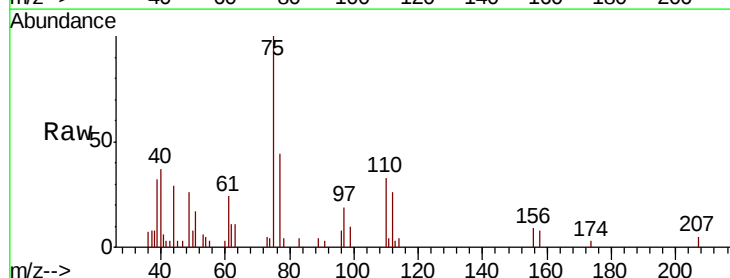
Delta R.T. 0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

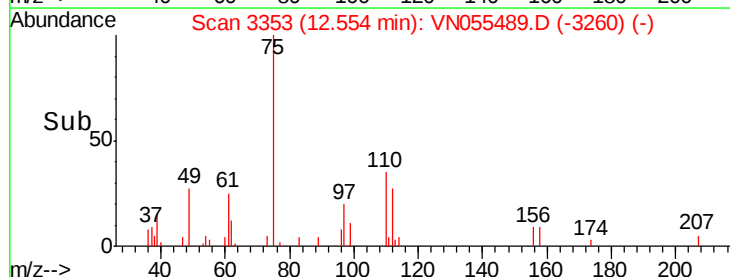
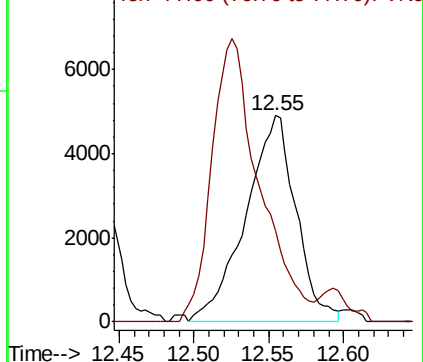
Tgt Ion: 75 Resp: 11532

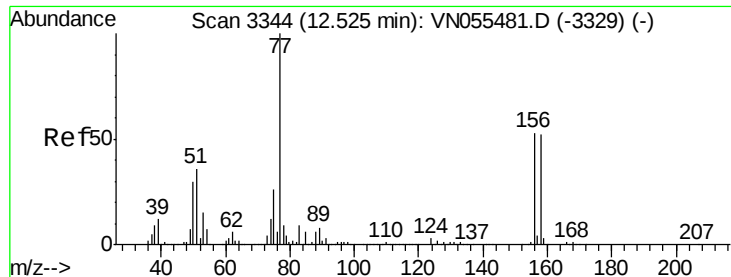
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 1.070 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

Instrument :

MSVOA_N

ClientSampled :

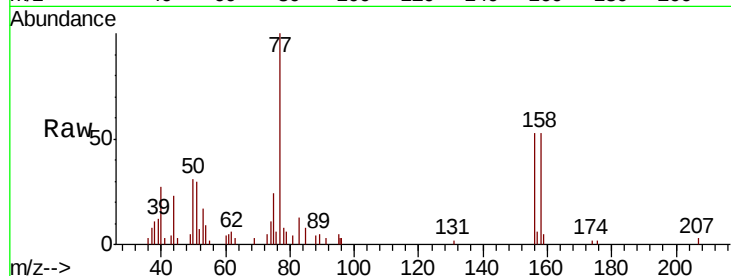
Tot Ion:156 Resp: 6754

Ion Ratio Lower Upper

156 100

77 222.0 115.4 346.2

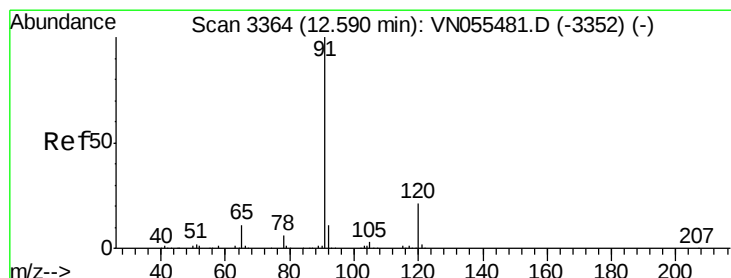
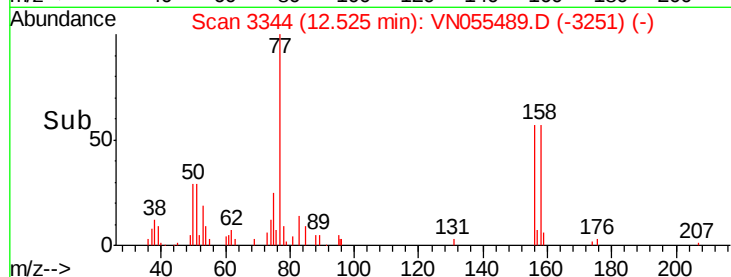
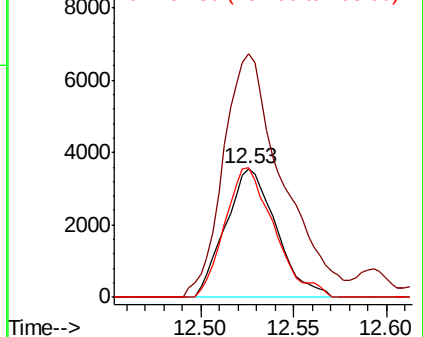
158 98.5 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.888 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055489.D

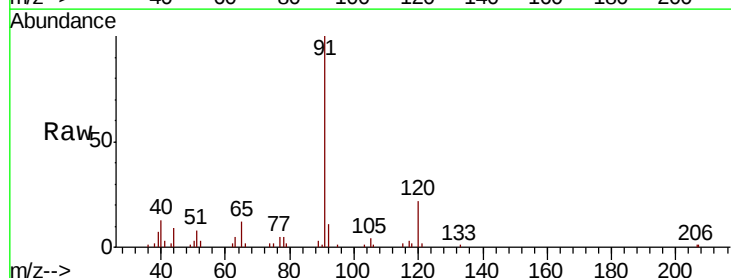
Acq: 9 May 2019 11:53

Tgt Ion: 91 Resp: 27297

Ion Ratio Lower Upper

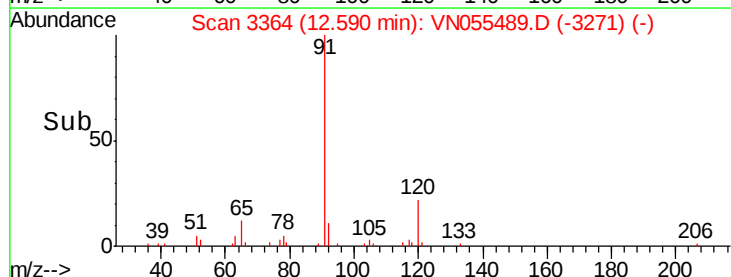
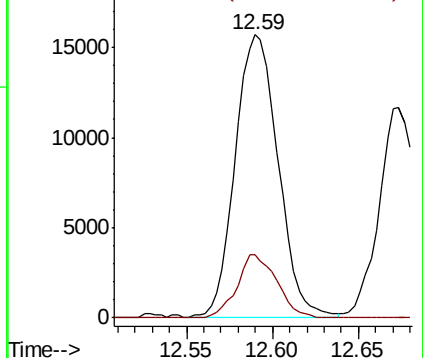
91 100

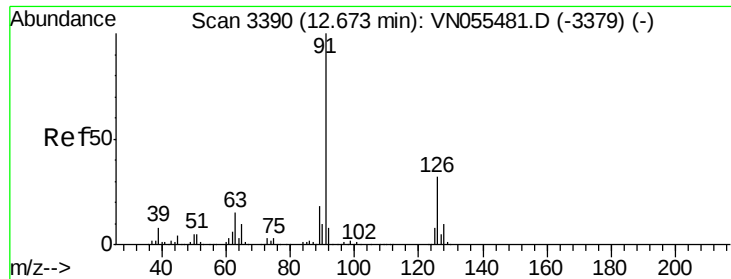
120 20.5 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.006 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

Instrument :

MSVOA_N

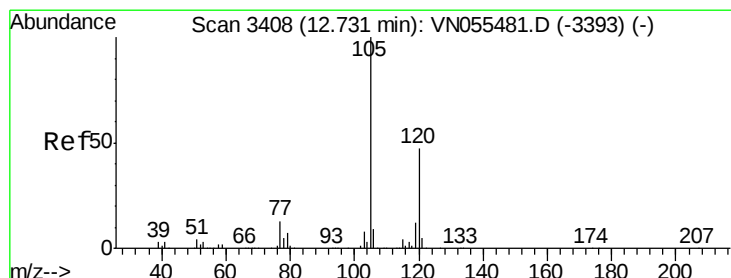
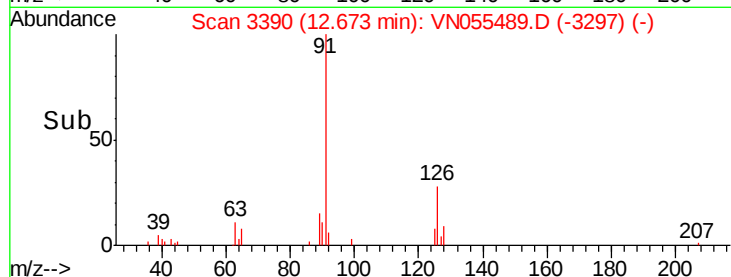
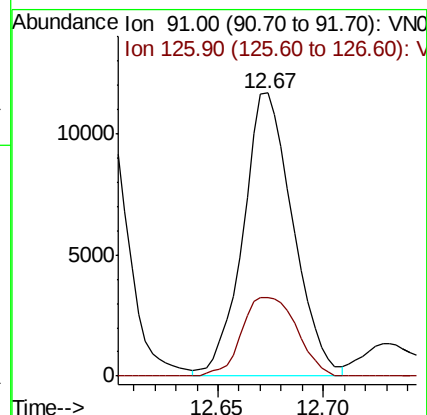
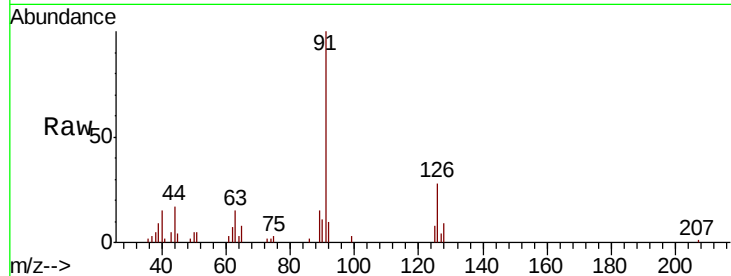
ClientSampled :

Tot Ion: 91 Resp: 19270

Ion Ratio Lower Upper

91 100

126 30.7 16.0 47.9



#80

1,3,5-Trimethylbenzene

Concen: 0.919 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055489.D

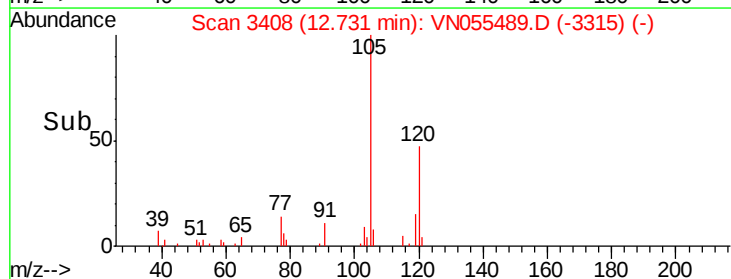
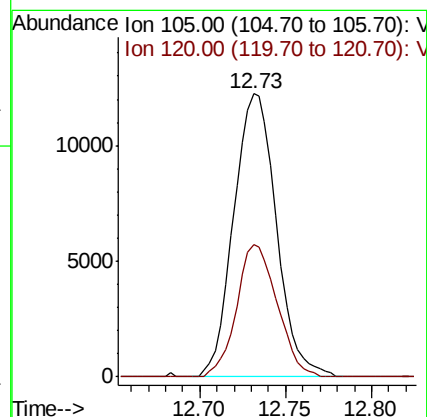
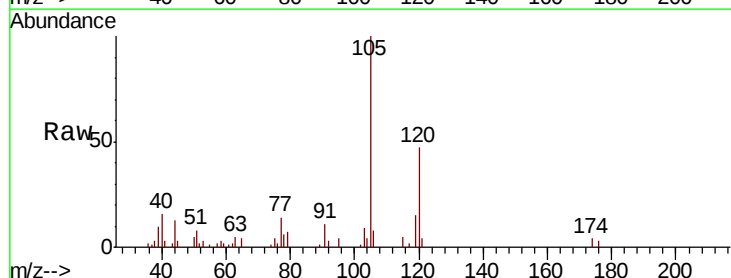
Acq: 9 May 2019 11:53

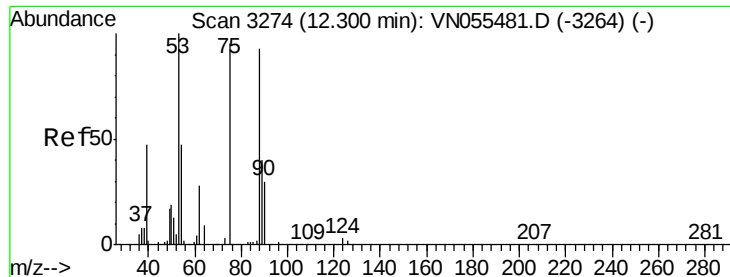
Tgt Ion:105 Resp: 21056

Ion Ratio Lower Upper

105 100

120 44.4 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 104.224 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

Instrument :

MSVOA_N

ClientSampleId :

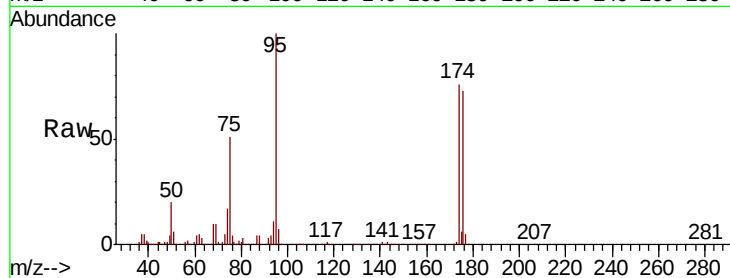
Tot Ion: 75 Resp: 220278

Ion Ratio Lower Upper

75 100

53 0.0 86.5 129.7#

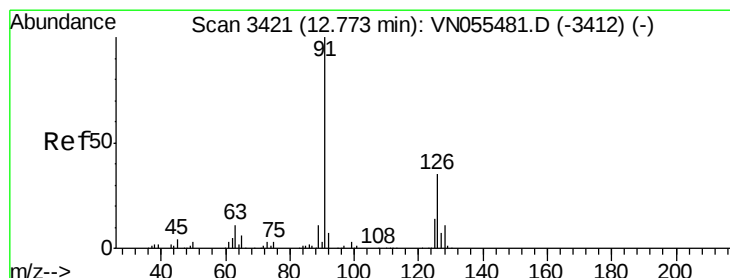
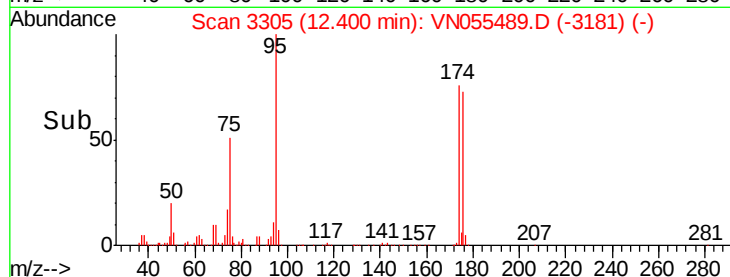
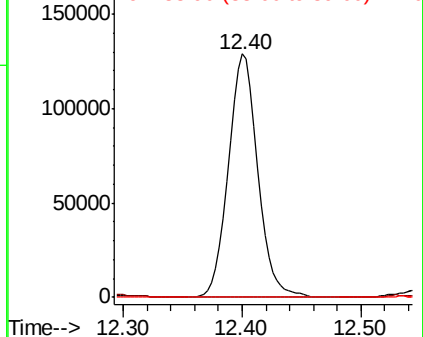
89 0.0 35.7 53.5#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.860 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055489.D

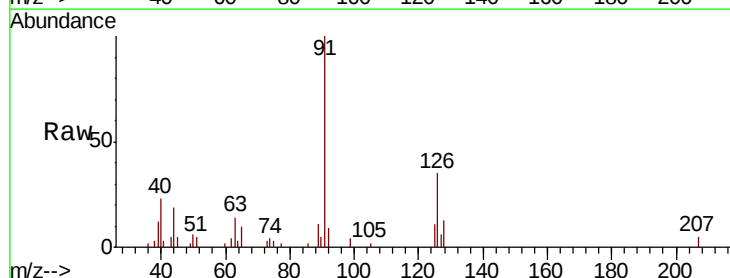
Acq: 9 May 2019 11:53

Tgt Ion: 91 Resp: 15566

Ion Ratio Lower Upper

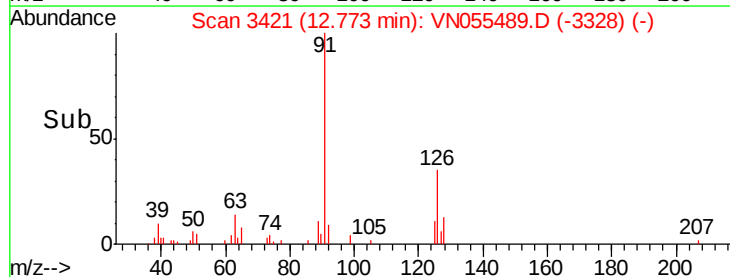
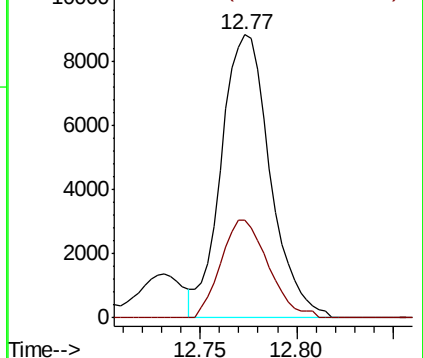
91 100

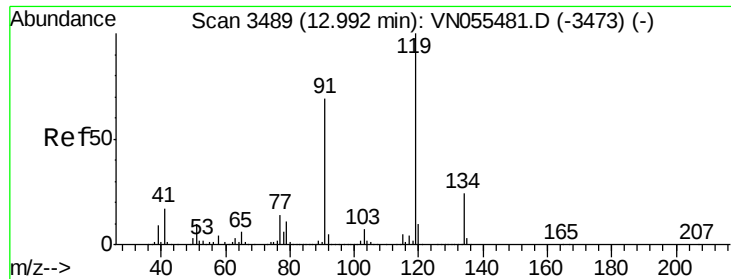
126 33.5 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.918 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

Instrument :

MSVOA_N

ClientSampled :

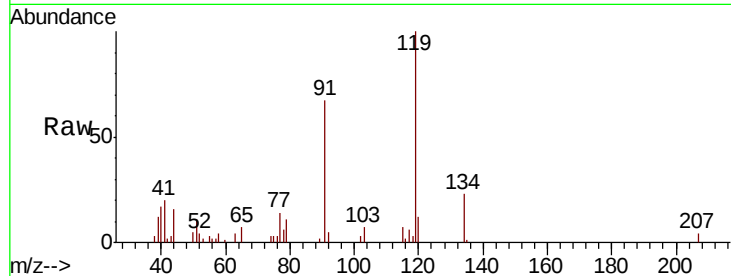
Tot Ion:119 Resp: 18027

Ion Ratio Lower Upper

119 100

91 71.6 33.8 101.3

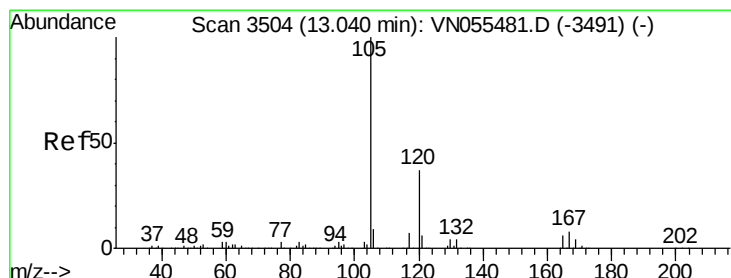
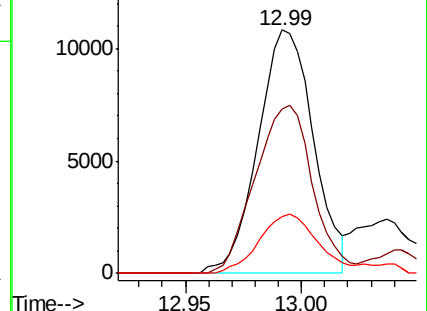
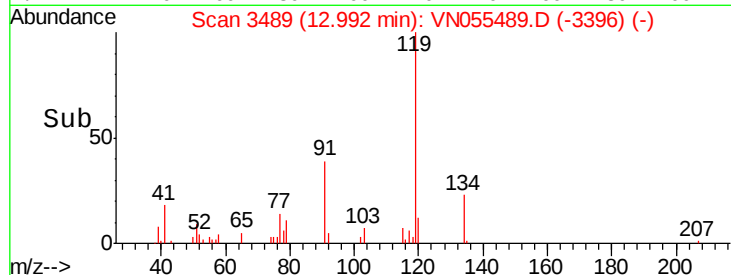
134 25.7 12.5 37.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.826 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055489.D

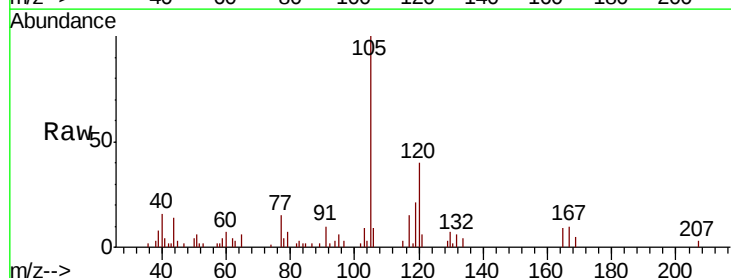
Acq: 9 May 2019 11:53

Tgt Ion:105 Resp: 17360

Ion Ratio Lower Upper

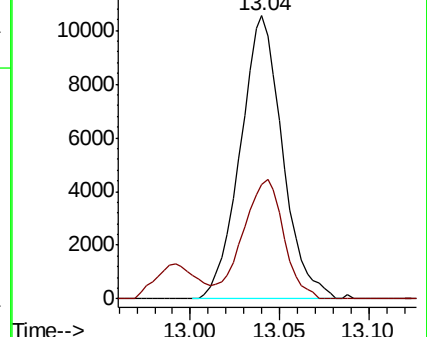
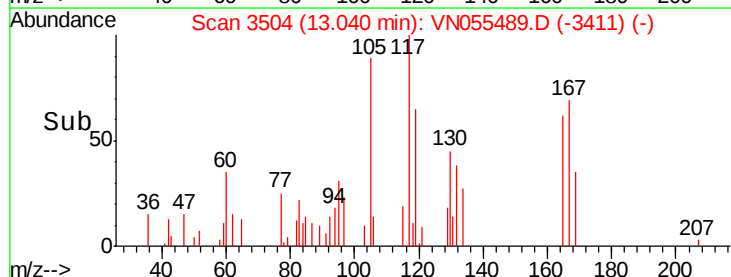
105 100

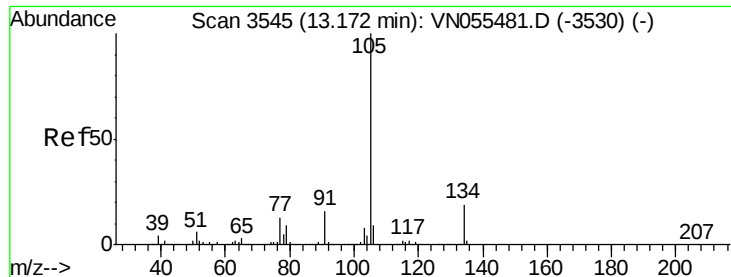
120 40.9 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.873 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

Instrument :

MSVOA_N

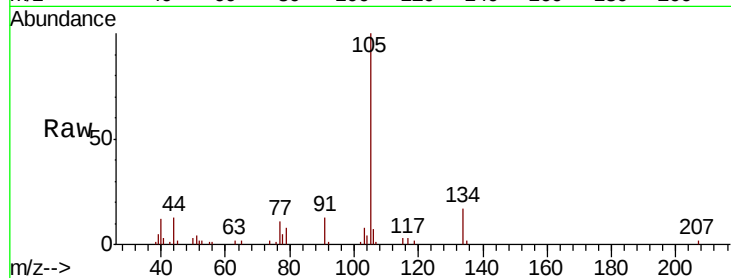
ClientSampled :

Tot Ion:105 Resp: 22779

Ion Ratio Lower Upper

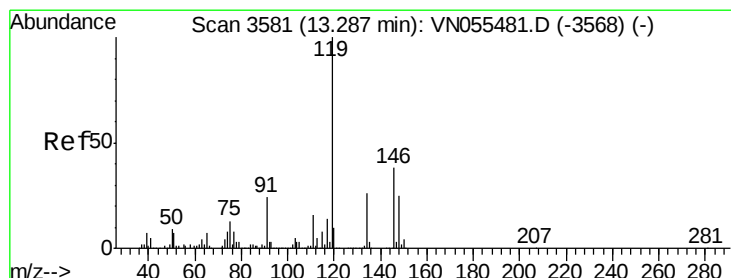
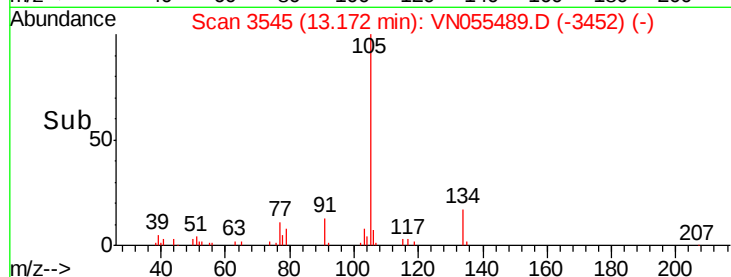
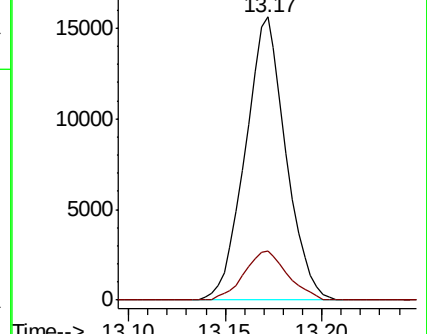
105 100

134 18.7 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.778 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

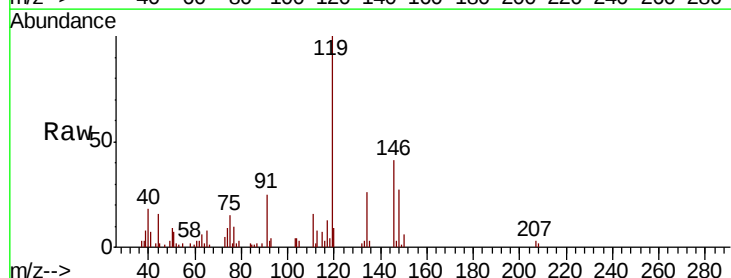
Tgt Ion:119 Resp: 16518

Ion Ratio Lower Upper

119 100

134 25.1 12.8 38.4

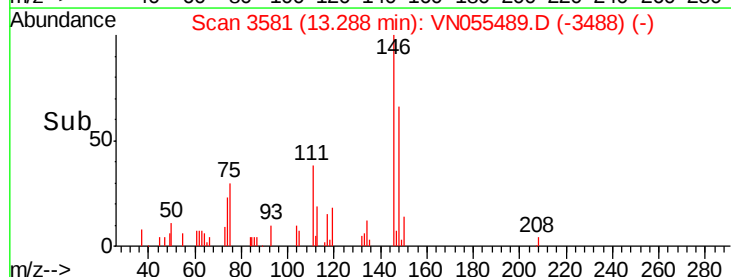
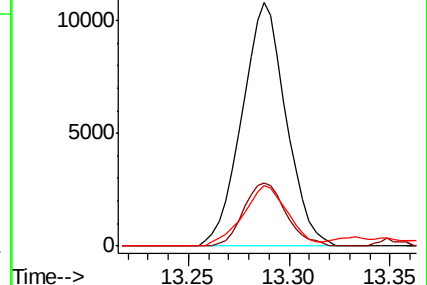
91 25.3 12.0 36.0

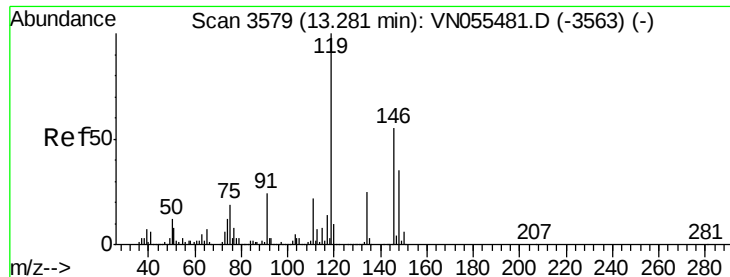


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

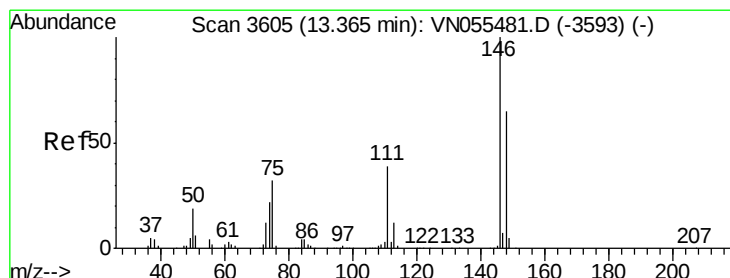
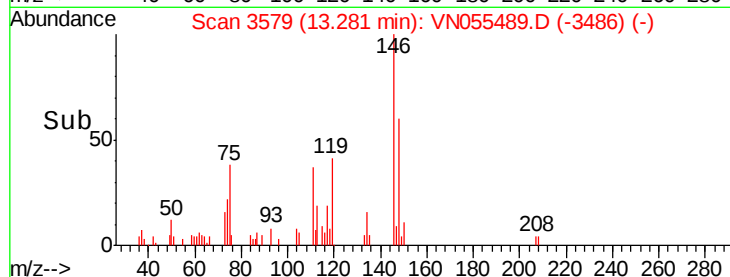
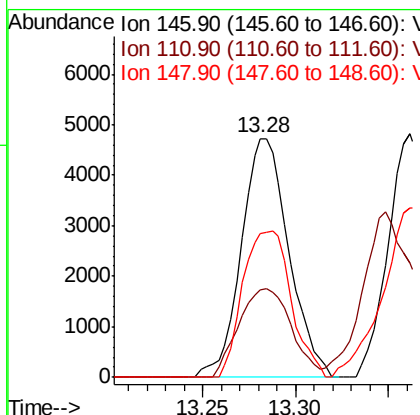
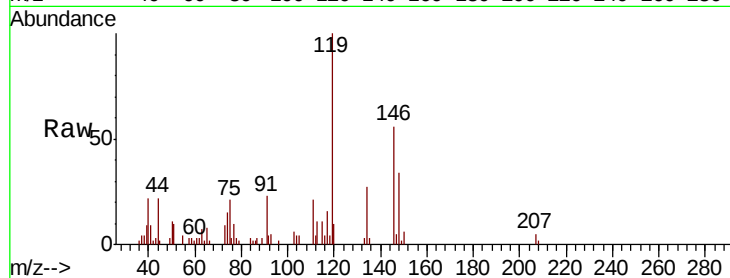




#87
 1,3-Dichlorobenzene
 Concen: 0.858 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055489.D
 Acq: 9 May 2019 11:53

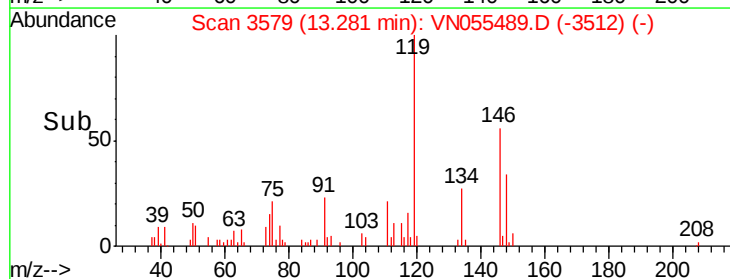
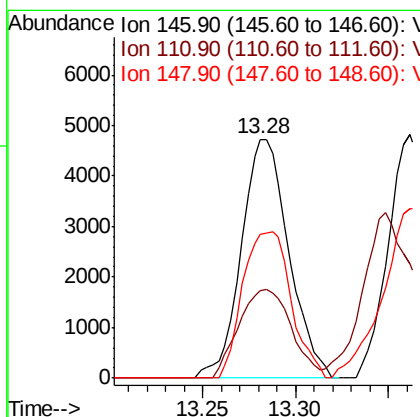
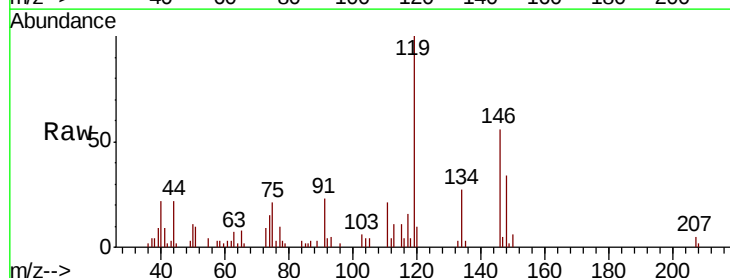
Instrument :
 MSVOA_N
 ClientSampleId :

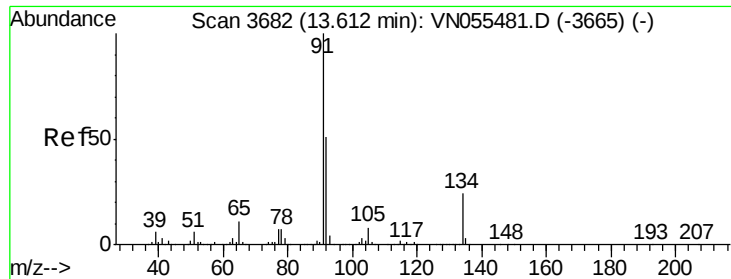
Tot Ion:146 Resp: 8372
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.4 61.3
 148 62.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 0.870 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.08 min
 Lab File: VN055489.D
 Acq: 9 May 2019 11:53

Tgt Ion:146 Resp: 8372
 Ion Ratio Lower Upper
 146 100
 111 41.1 19.6 58.8
 148 62.3 32.5 97.4





#89

n-Butylbenzene

Concen: 0.707 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

Instrument :

MSVOA_N

ClientSampled :

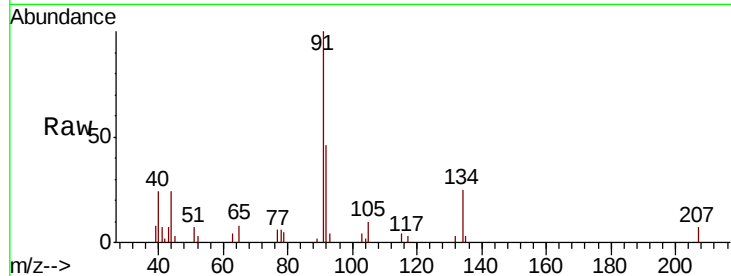
Tot Ion: 91 Resp: 11640

Ion Ratio Lower Upper

91 100

92 48.8 25.9 77.7

134 23.5 11.8 35.4

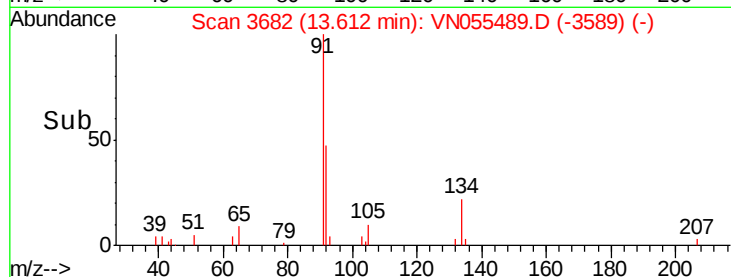


Abundance Ion 91.00 (90.70 to 91.70): VN055489.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN055489.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN055489.D (-3682) (-)

Time-->

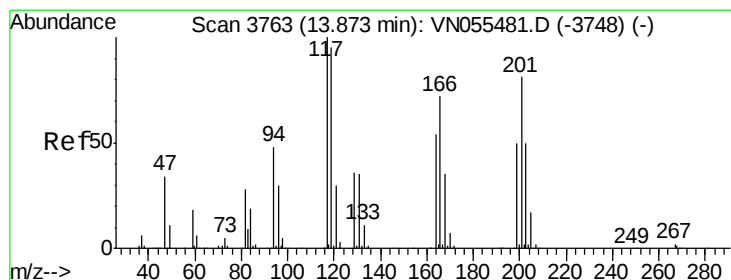


Abundance Ion 91.00 (90.70 to 91.70): VN055489.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN055489.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN055489.D (-3682) (-)

Time-->



#90

Hexachloroethane

Concen: 1.057 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN055489.D

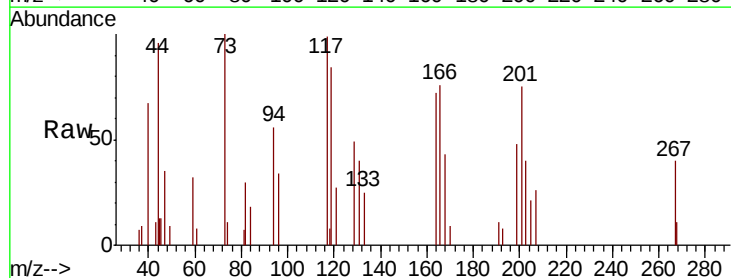
Acq: 9 May 2019 11:53

Tgt Ion: 117 Resp: 3661

Ion Ratio Lower Upper

117 100

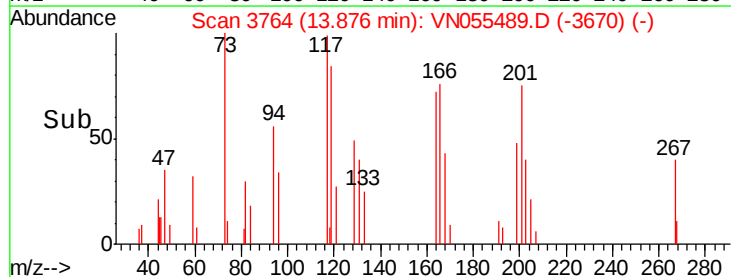
201 79.7 40.1 120.2



Abundance Ion 116.80 (116.50 to 117.50): VN055489.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN055489.D (-3763) (-)

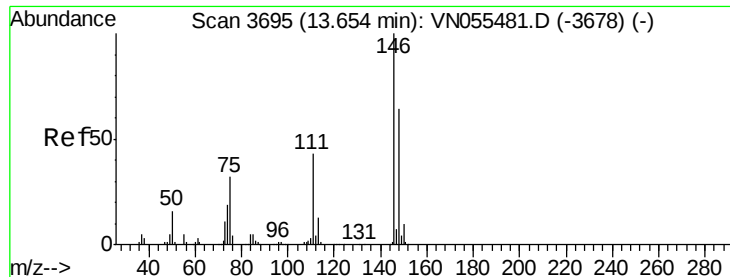
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN055489.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN055489.D (-3763) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.801 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

Instrument :

MSVOA_N

ClientSampled :

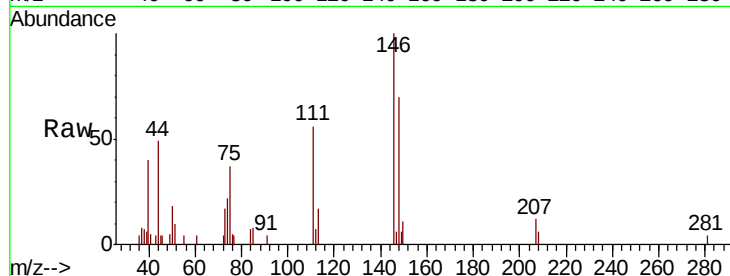
Tot Ion:146 Resp: 7812

Ion Ratio Lower Upper

146 100

111 48.6 21.3 63.7

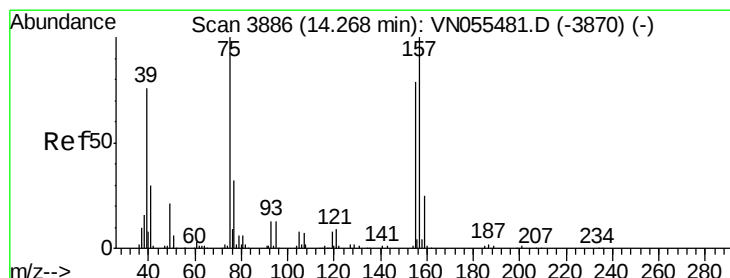
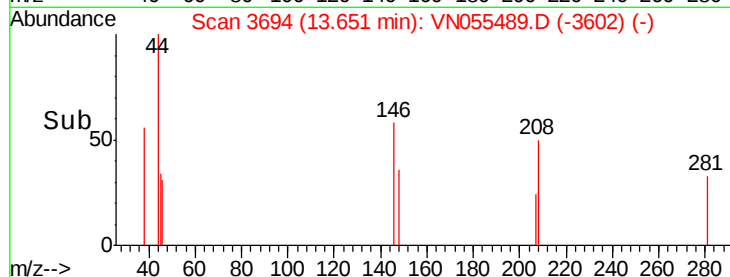
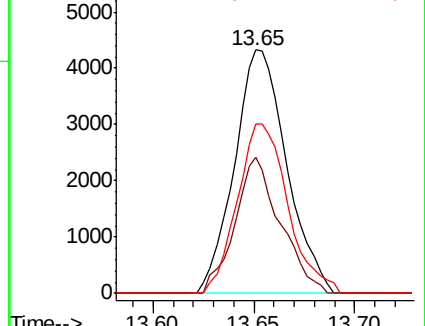
148 67.6 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.925 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

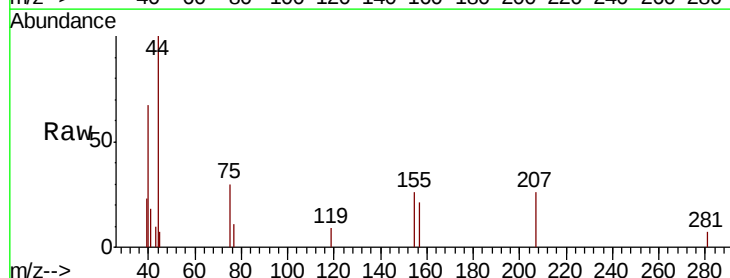
Tgt Ion: 75 Resp: 1218

Ion Ratio Lower Upper

75 100

155 88.5 39.3 117.8

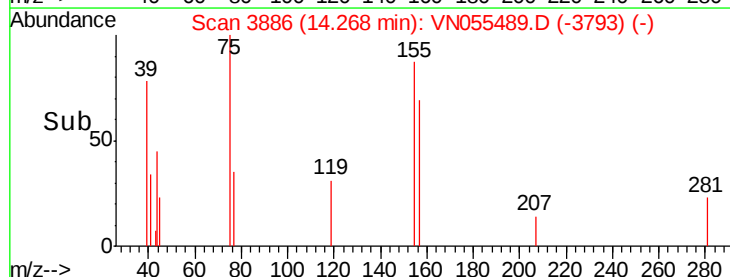
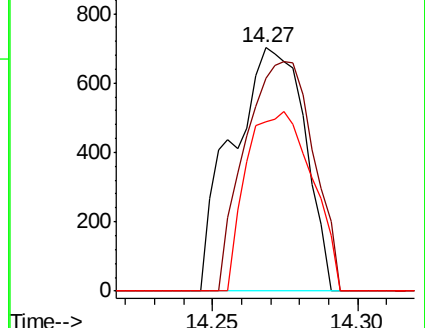
157 66.7 50.6 151.8

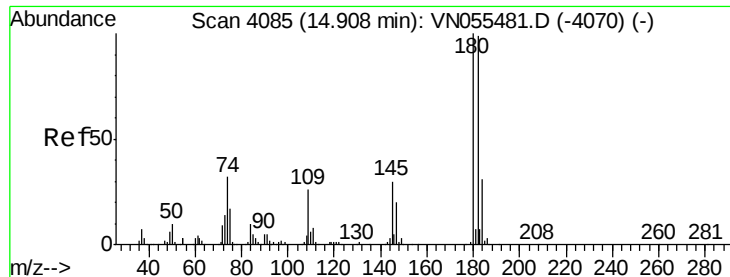


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

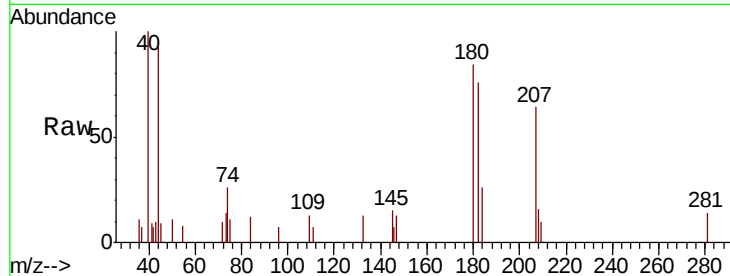




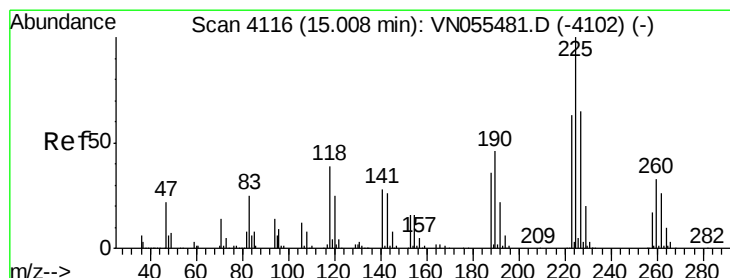
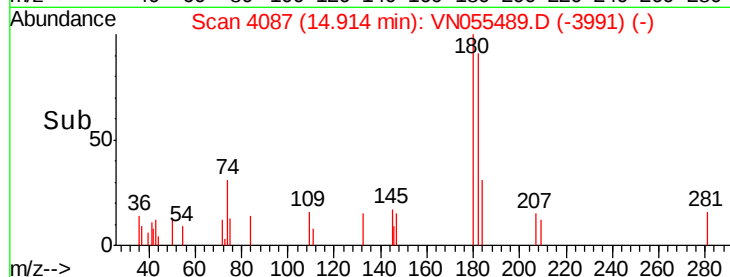
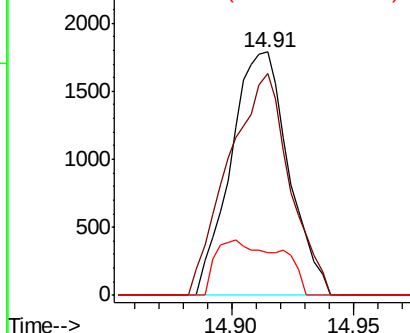
#93
 1,2,4-Trichlorobenzene
 Concen: 3.851 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN055489.D
 Acq: 9 May 2019 11:53

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 2930
 Ion Ratio Lower Upper
 180 100
 182 96.5 48.7 146.1
 145 25.6 15.3 45.9

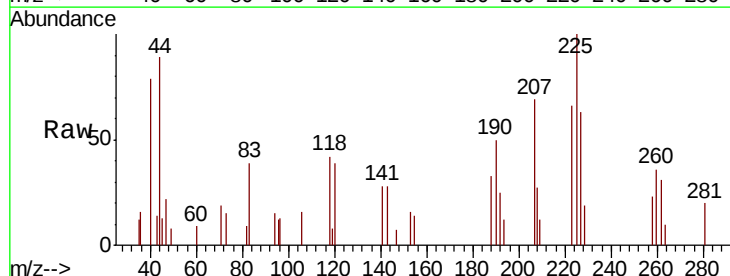


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

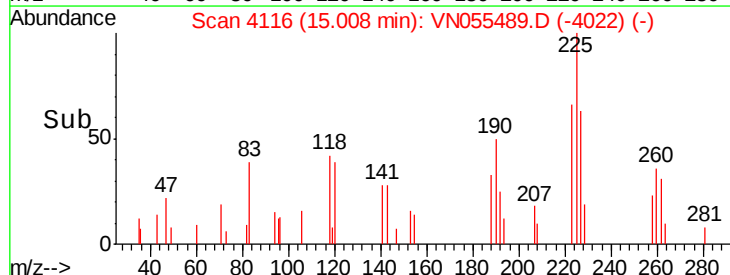
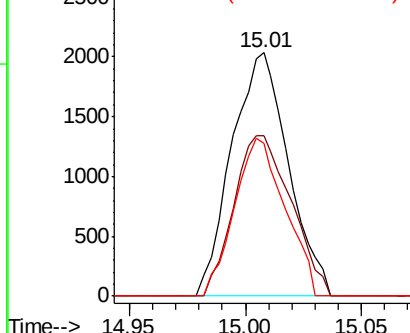


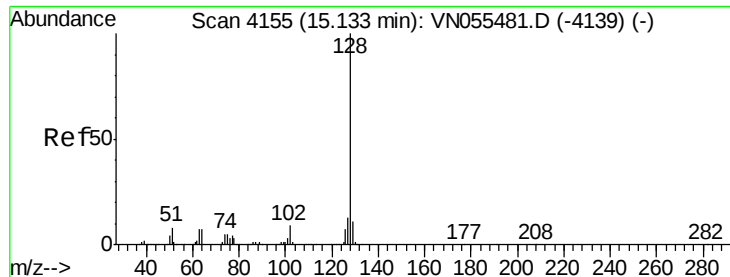
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055489.D
 Acq: 9 May 2019 11:53

Tgt Ion:225 Resp: 3450
 Ion Ratio Lower Upper
 225 100
 223 66.7 31.4 94.3
 227 57.7 32.0 96.0



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: 3.527 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

Instrument :

MSVOA_N

ClientSampled :

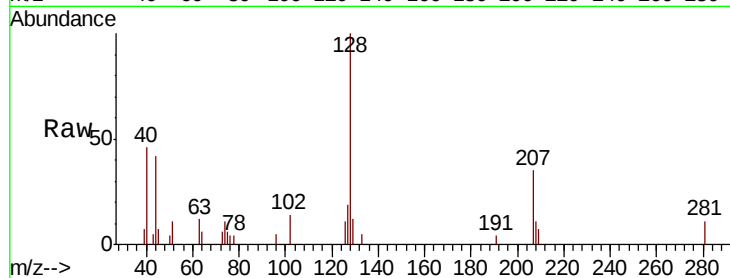
Tot Ion:128 Resp: 7485

Ion Ratio Lower Upper

128 100

127 13.7 10.0 15.0

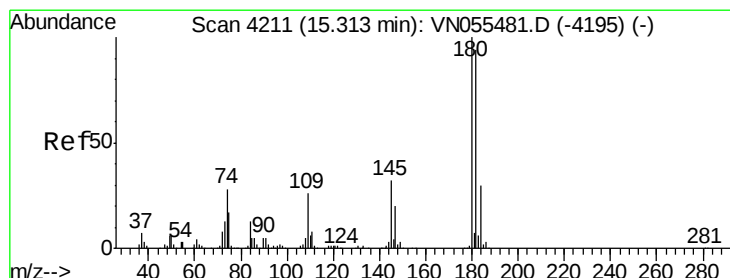
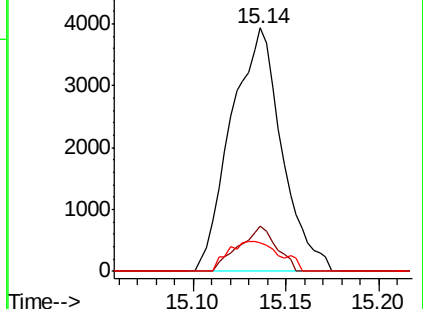
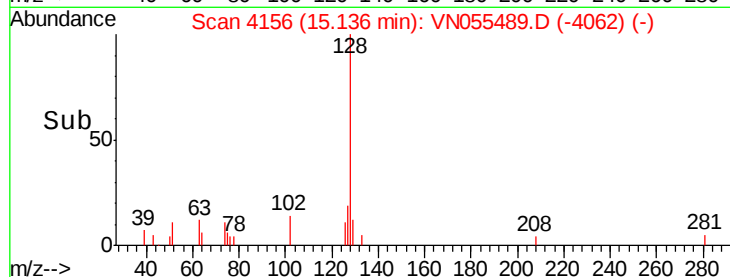
129 12.4 8.8 13.2



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: 3.035 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055489.D

Acq: 9 May 2019 11:53

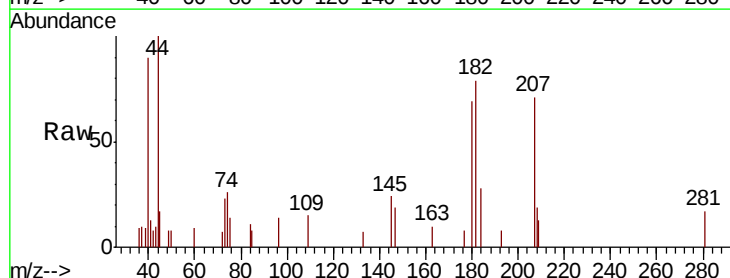
Tgt Ion:180 Resp: 2957

Ion Ratio Lower Upper

180 100

182 90.0 47.1 141.3

145 29.7 15.8 47.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

