

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055548.D
 Acq On : 10 May 2019 13:37
 Operator : JC/SP
 Sample : VN0510WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBSD02

Quant Time: May 11 00:56:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	693916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1209451	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1046760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	406577	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	514372	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
35) Dibromofluoromethane	7.59	113	401884	51.51	ug/l	0.00
Spiked Amount			Recovery	=	103.02%	
50) Toluene-d8	10.09	98	1529253	50.30	ug/l	0.00
Spiked Amount			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.40	95	498465	48.62	ug/l	0.00
Spiked Amount			Recovery	=	97.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	126882	17.960	ug/l	99
3) Chloromethane	2.06	50	208106	18.132	ug/l	100
4) Vinyl Chloride	2.19	62	201970	18.641	ug/l	99
5) Bromomethane	2.54	94	110222	18.568	ug/l	96
6) Chloroethane	2.69	64	126353	20.022	ug/l	99
7) Trichlorofluoromethane	3.01	101	235479	19.812	ug/l	100
8) Diethyl Ether	3.41	74	106163	19.888	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	145083	19.185	ug/l	99
10) Methyl Iodide	3.95	142	152878	14.957	ug/l	99
11) Tert butyl alcohol	4.82	59	142761	92.542	ug/l	100
12) 1,1-Dichloroethene	3.73	96	149196	19.672	ug/l	100
13) Acrolein	3.61	56	94538	91.951	ug/l	98
14) Allyl chloride	4.32	41	289204	18.615	ug/l	99
15) Acrylonitrile	5.00	53	472414	98.897	ug/l	99
16) Acetone	3.82	43	403744	83.457	ug/l	98
17) Carbon Disulfide	4.05	76	386128	18.654	ug/l	100
18) Methyl Acetate	4.33	43	204248	19.443	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	495032	19.644	ug/l	97
20) Methylene Chloride	4.54	84	187319	18.936	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	162687	19.785	ug/l	93
22) Diisopropyl ether	5.96	45	618514	19.592	ug/l	97
23) Vinyl Acetate	5.90	43	2371158	97.118	ug/l	100
24) 1,1-Dichloroethane	5.85	63	331374	19.444	ug/l	99
25) 2-Butanone	6.85	43	618542	92.558	ug/l	98
26) 2,2-Dichloropropane	6.82	77	201115	18.930	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	194886	20.508	ug/l	96
28) Bromochloromethane	7.20	49	194137	21.935	ug/l	96
29) Tetrahydrofuran	7.22	42	420878	95.267	ug/l	98
30) Chloroform	7.37	83	308880	19.606	ug/l	99
31) Cyclohexane	7.65	56	307116	18.214	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	241353	20.117	ug/l	100
36) 1,1-Dichloropropene	7.79	75	227523	19.095	ug/l	98
37) Ethyl Acetate	6.93	43	250750	19.292	ug/l	100
38) Carbon Tetrachloride	7.77	117	194824	19.418	ug/l	99

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 Misc : 5.00mL/MSVOA N/WATER
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Quant Time: May 11 00:56:38 2019
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 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	263651	18.148	ug/l	97
40) Benzene	8.04	78	735129	19.879	ug/l	99
41) Methacrylonitrile	7.18	41	119895	19.874	ug/l	97
42) 1,2-Dichloroethane	8.13	62	250895	19.311	ug/l	100
43) Isopropyl Acetate	8.17	43	375575	19.020	ug/l	98
44) Trichloroethene	8.84	130	174774	19.863	ug/l	93
45) 1,2-Dichloropropane	9.12	63	202199	19.110	ug/l	99
46) Dibromomethane	9.21	93	122669	20.001	ug/l	99
47) Bromodichloromethane	9.40	83	228871	19.507	ug/l	96
48) Methyl methacrylate	9.20	41	177097	18.614	ug/l	97
49) 1,4-Dioxane	9.20	88	71562	385.926	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1229113	94.643	ug/l	100
52) Toluene	10.16	92	423193	20.018	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	218351	19.377	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	267378	19.857	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	171186	19.985	ug/l	98
56) Ethyl methacrylate	10.43	69	241741	18.974	ug/l	98
57) 1,3-Dichloropropane	10.71	76	301736	19.842	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	323535	84.170	ug/l	99
59) 2-Hexanone	10.75	43	845863	92.873	ug/l	100
60) Dibromochloromethane	10.90	129	153667	19.731	ug/l	96
61) 1,2-Dibromoethane	11.01	107	159170	19.340	ug/l	94
64) Tetrachloroethene	10.63	164	163659	19.081	ug/l	98
65) Chlorobenzene	11.43	112	423489	19.665	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	152803	20.610	ug/l	99
67) Ethyl Benzene	11.51	91	771528	19.075	ug/l	99
68) m/p-Xylenes	11.62	106	569047	39.203	ug/l	99
69) o-Xylene	11.95	106	283341	19.860	ug/l	96
70) Styrene	11.96	104	455258	19.918	ug/l	100
71) Bromoform	12.13	173	101425	20.273	ug/l #	99
73) Isopropylbenzene	12.25	105	746020	20.789	ug/l	99
74) N-amyl acetate	12.07	43	287029	18.595	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	241086	20.684	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	287317	25.958	ug/l #	100
77) Bromobenzene	12.53	156	172931	19.300	ug/l	95
78) n-propylbenzene	12.59	91	814913	18.687	ug/l	99
79) 2-Chlorotoluene	12.67	91	507306	18.667	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	610402	18.772	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	53718	17.908	ug/l	93
82) 4-Chlorotoluene	12.77	91	477516	18.595	ug/l	98
83) tert-Butylbenzene	12.99	119	530206	19.023	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	553683	18.567	ug/l	99
85) sec-Butylbenzene	13.17	105	690279	18.635	ug/l	99
86) p-Isopropyltoluene	13.29	119	555023	18.411	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	266428	19.243	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	258249	18.900	ug/l	98
89) n-Butylbenzene	13.61	91	390001	16.691	ug/l	100
90) Hexachloroethane	13.87	117	90892	18.483	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	270677	19.561	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	34354	18.375	ug/l	98

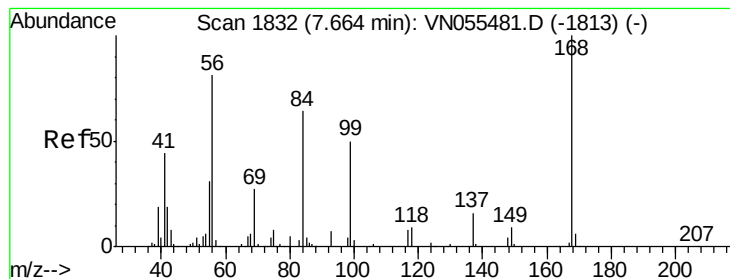
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
Data File : VN055548.D
Acq On : 10 May 2019 13:37
Operator : JC/SP
Sample : VN0510WBSD02
Misc : 5.00mL/MSVOA N/WATER
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Instrument :
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Quant Time: May 11 00:56:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Fri May 10 06:48:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	78337	15.374	ug/l	98
94) Hexachlorobutadiene	15.01	225	83732	19.004	ug/l	99
95) Naphthalene	15.13	128	226690	15.524	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	91590	15.781	ug/l	97

(#) = 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: VN055548.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

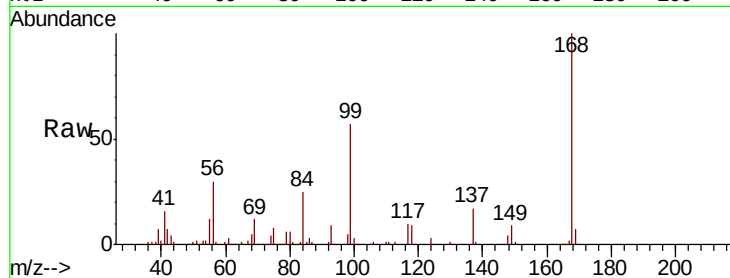
VN0510WBSD02

Tot Ion:168 Resp: 693916

Ion Ratio Lower Upper

168 100

99 55.8 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

300000

250000

200000

150000

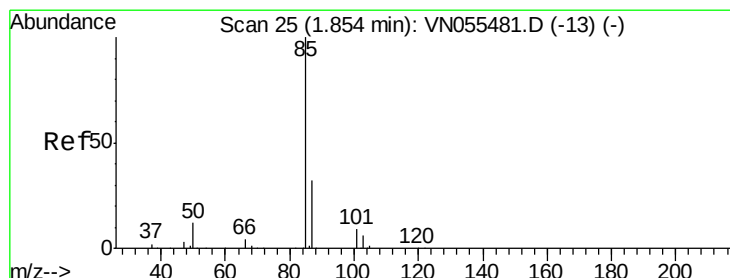
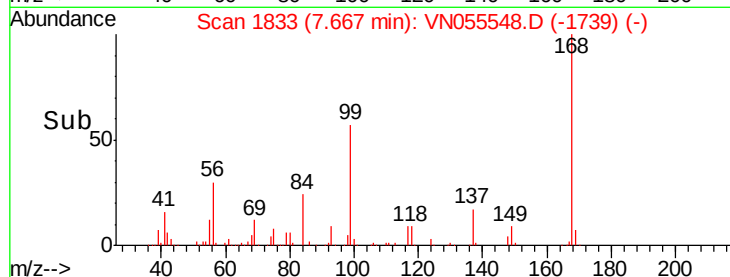
100000

50000

0

Time-->

7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 17.960 ug/l

RT: 1.85 min Scan# 25

Delta R.T. -0.00 min

Lab File: VN055548.D

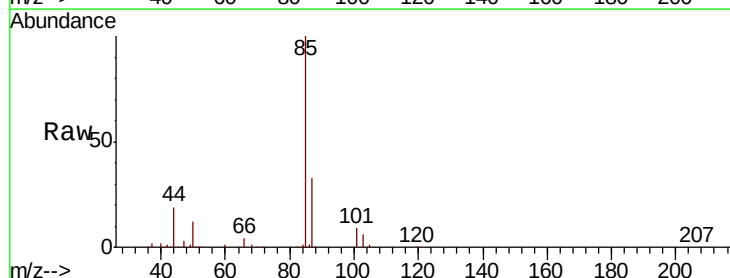
Acq: 10 May 2019 13:37

Tgt Ion: 85 Resp: 126882

Ion Ratio Lower Upper

85 100

87 32.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

100000

80000

60000

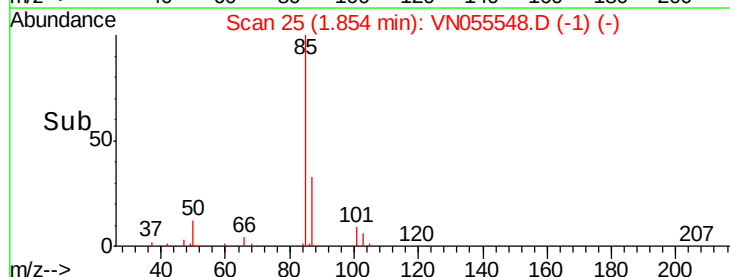
40000

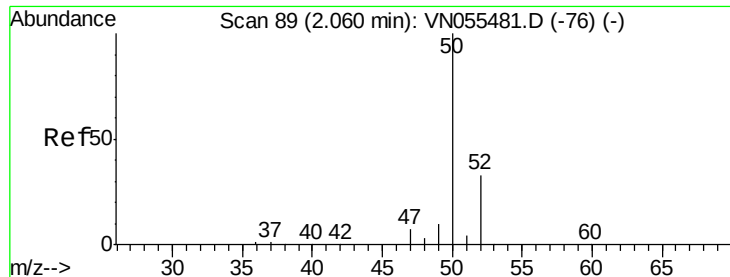
20000

0

Time-->

1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 18.132 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

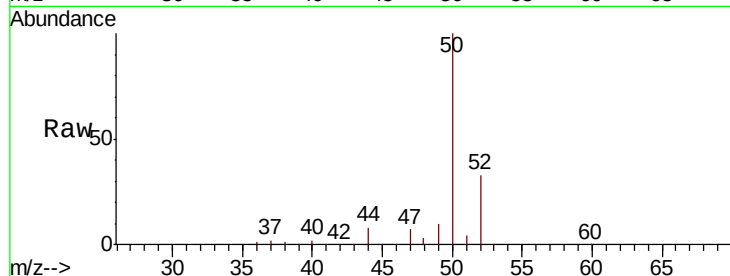
VN0510WBSD02

Tot Ion: 50 Resp: 208106

Ion Ratio Lower Upper

50 100

52 33.3 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

150000

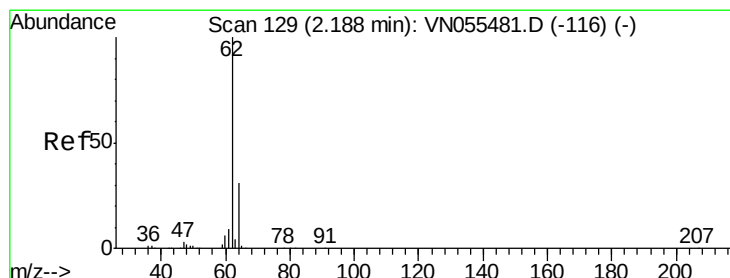
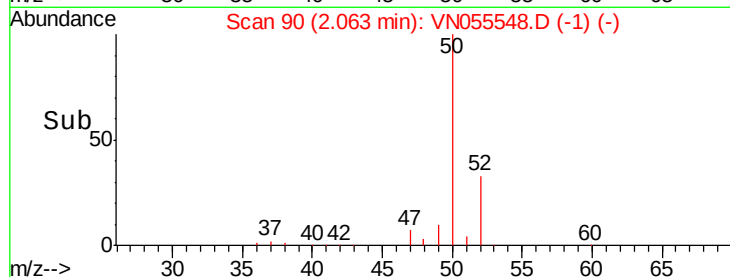
100000

50000

0

2.00 2.05 2.10 2.15

Time-->



#4

Vinyl Chloride

Concen: 18.641 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN055548.D

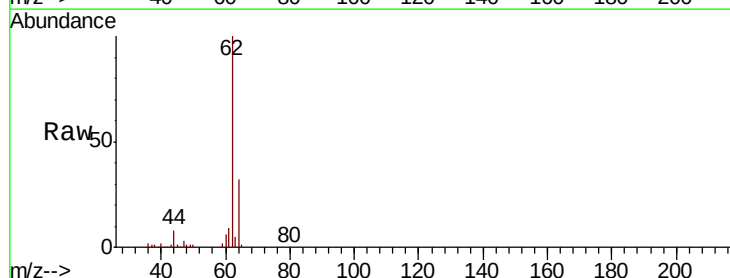
Acq: 10 May 2019 13:37

Tgt Ion: 62 Resp: 201970

Ion Ratio Lower Upper

62 100

64 32.1 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

150000

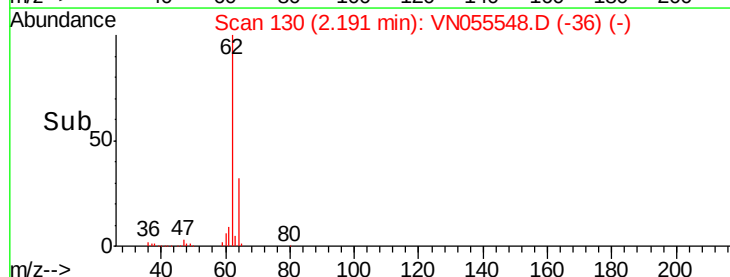
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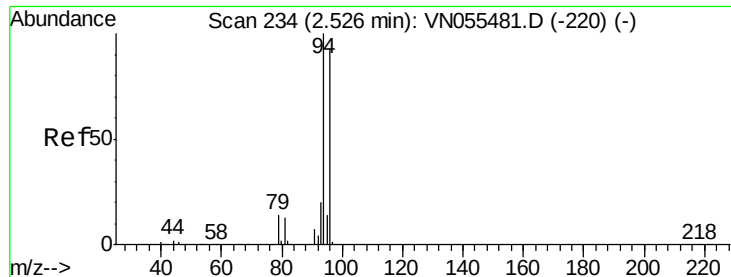
50000

0

2.10 2.15 2.20 2.25

Time-->





#5

Bromomethane

Concen: 18.568 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.02 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

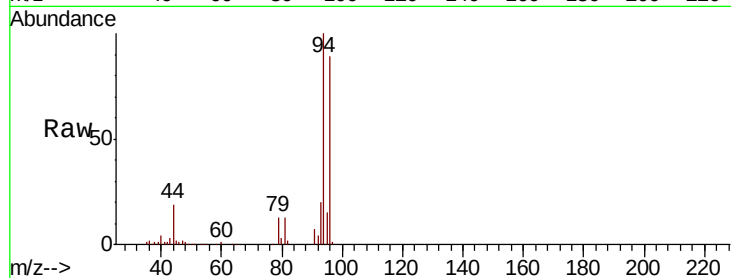
VN0510WBSD02

Tot Ion: 94 Resp: 110222

Ion Ratio Lower Upper

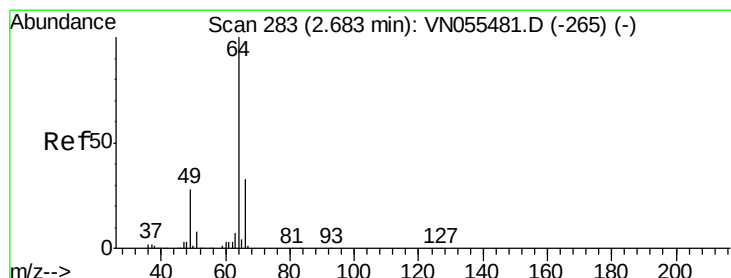
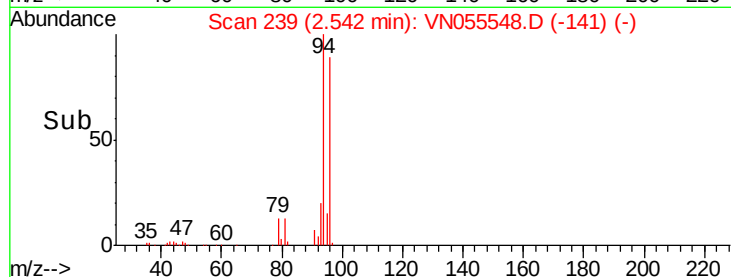
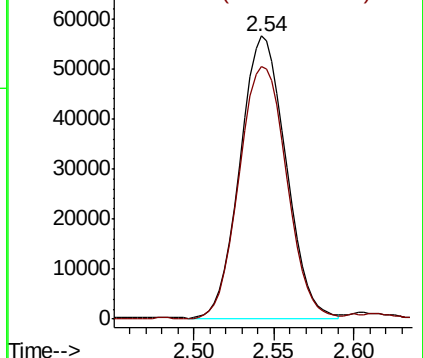
94 100

96 89.2 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.022 ug/l

RT: 2.69 min Scan# 286

Delta R.T. 0.01 min

Lab File: VN055548.D

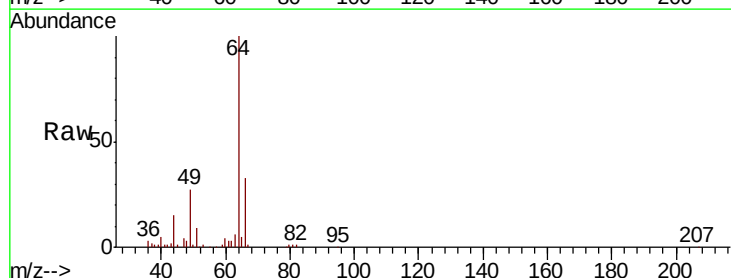
Acq: 10 May 2019 13:37

Tgt Ion: 64 Resp: 126353

Ion Ratio Lower Upper

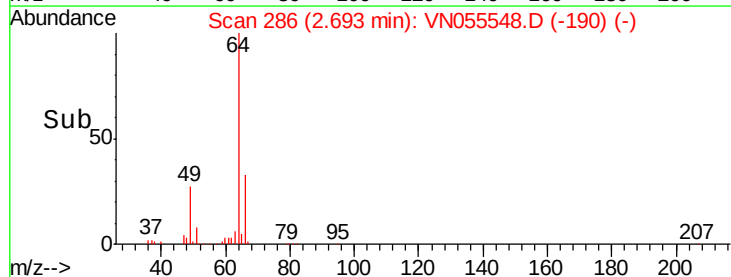
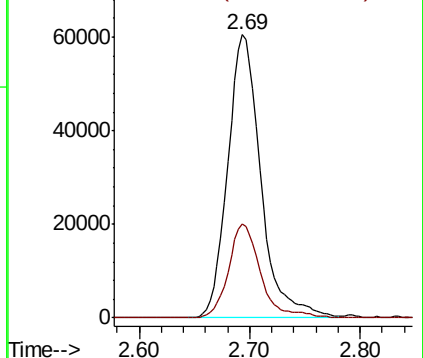
64 100

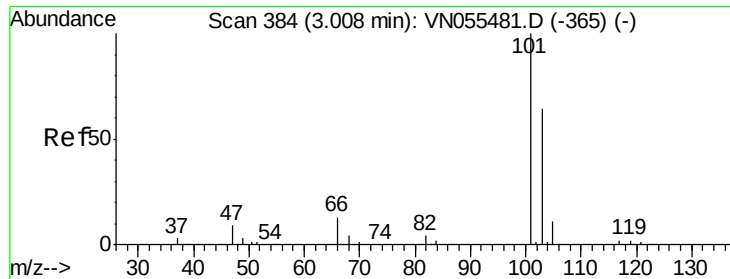
66 33.0 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



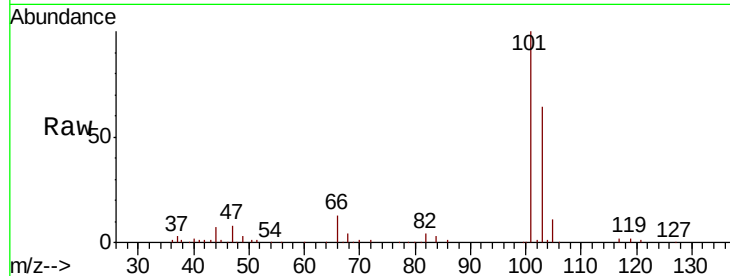


#7

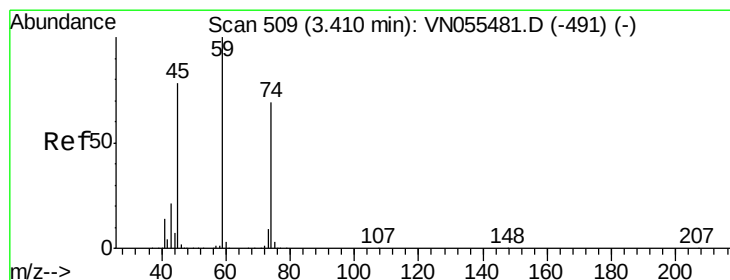
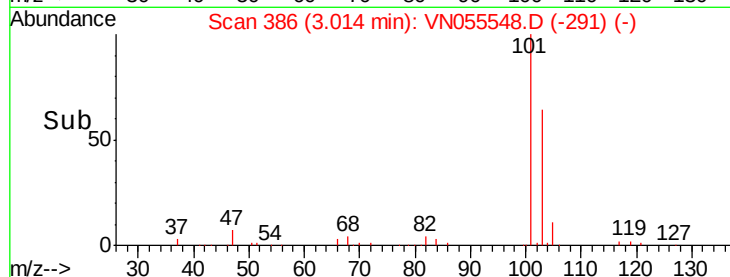
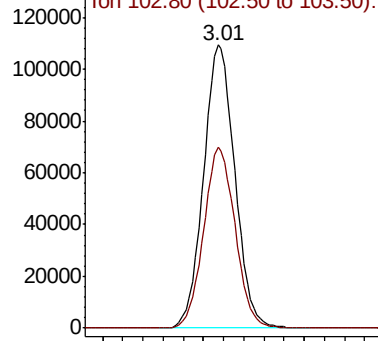
Trichlorofluoromethane
Concen: 19.812 ug/l
RT: 3.01 min Scan# 386
Delta R.T. 0.01 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD02

Tot Ion:101 Resp: 235479
Ion Ratio Lower Upper
101 100
103 63.9 51.2 76.8



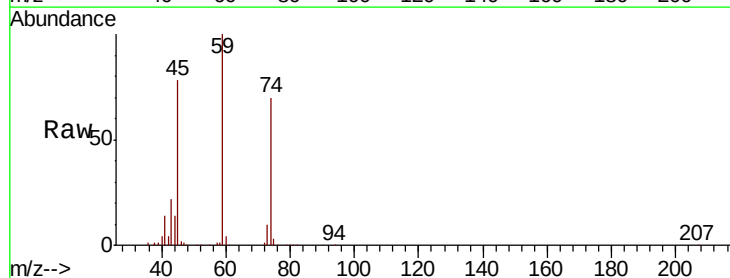
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



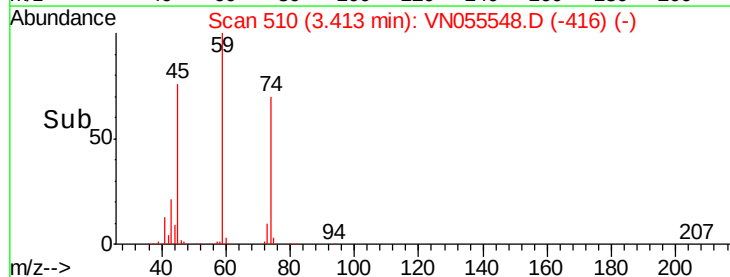
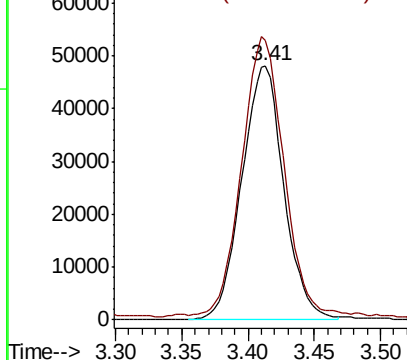
#8

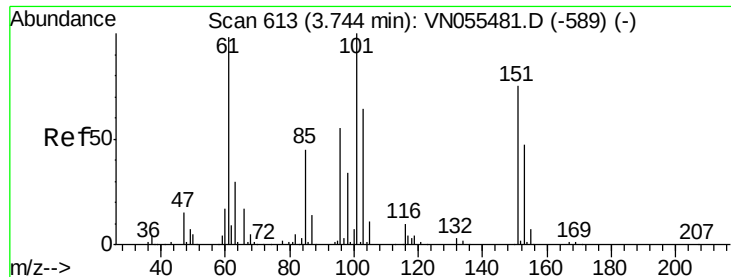
Diethyl Ether
Concen: 19.888 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

Tgt Ion: 74 Resp: 106163
Ion Ratio Lower Upper
74 100
45 112.8 58.1 174.3



Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.185 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.01 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBSD02

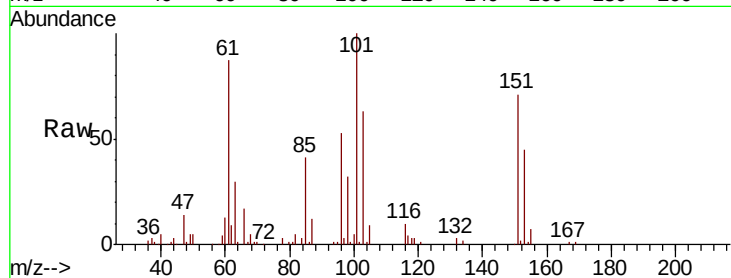
Tot Ion:101 Resp: 145083

Ion Ratio Lower Upper

101 100

85 43.7 35.5 53.3

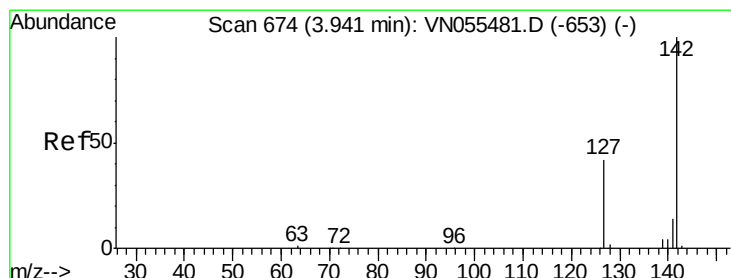
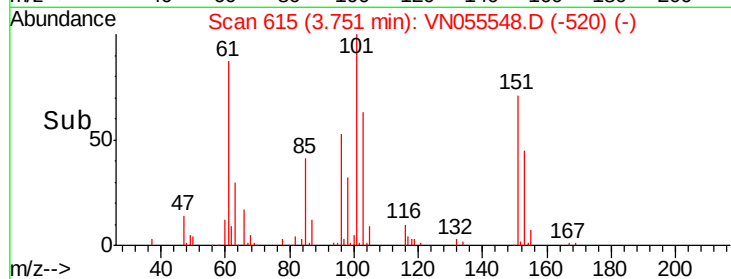
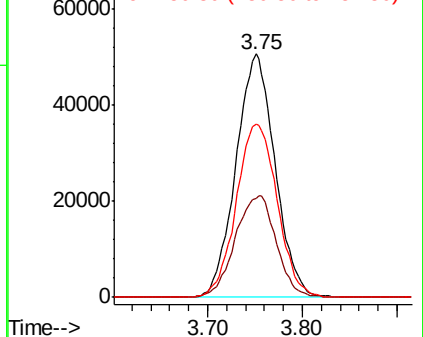
151 74.5 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.957 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.01 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

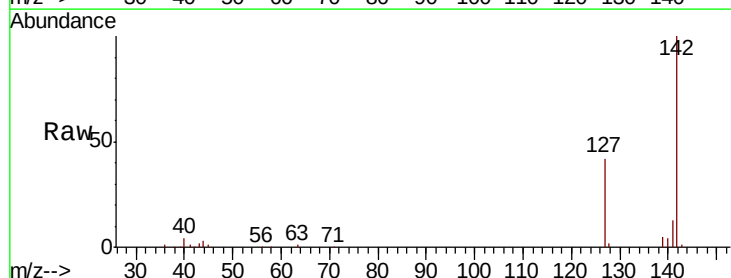
Tgt Ion:142 Resp: 152878

Ion Ratio Lower Upper

142 100

127 41.4 33.0 49.4

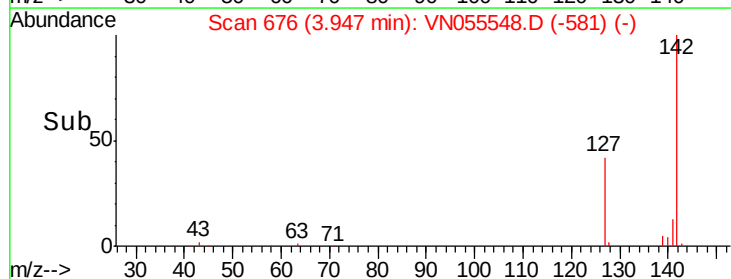
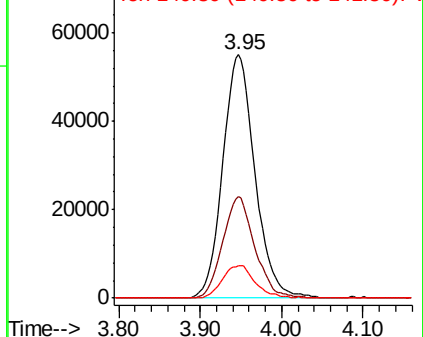
141 13.7 11.4 17.0

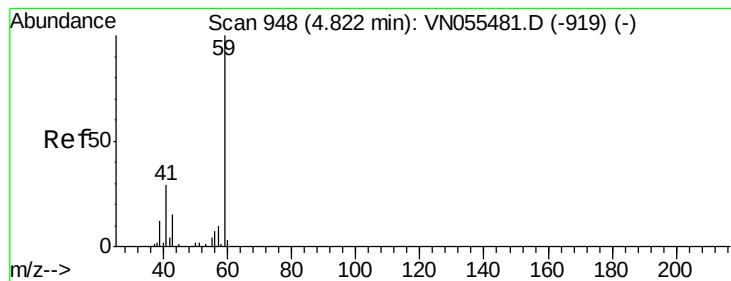


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



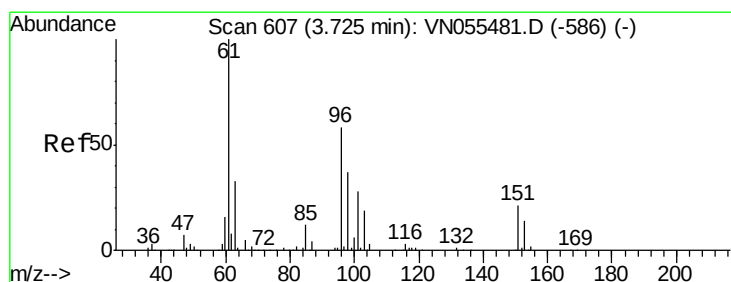
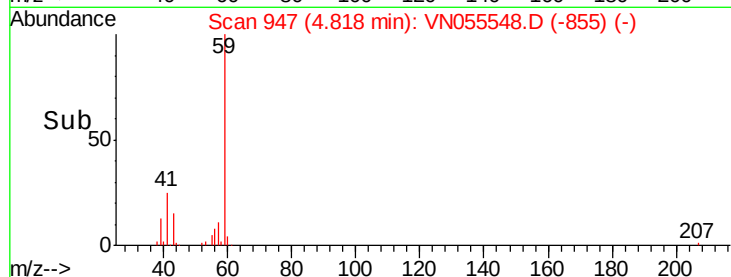
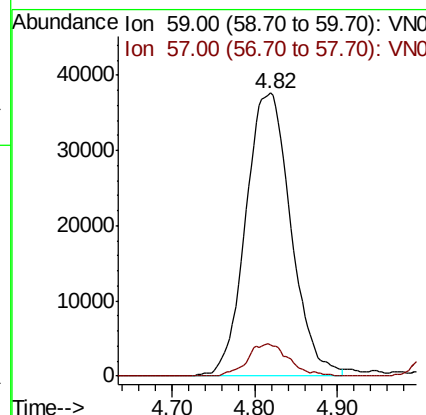
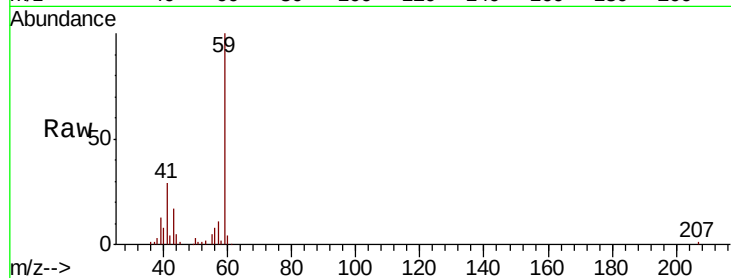


#11

Tert butyl alcohol
 Concen: 92.542 ug/l
 RT: 4.82 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: VN055548.D
 Acq: 10 May 2019 13:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBSD02

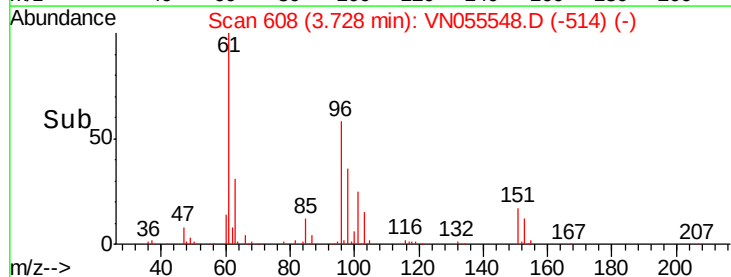
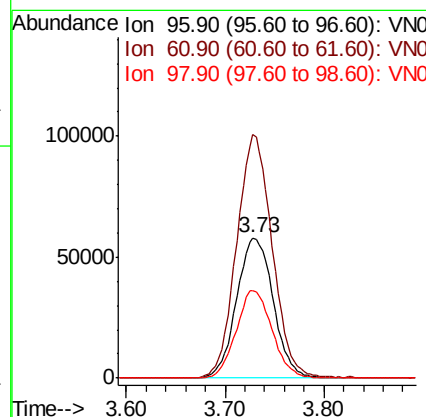
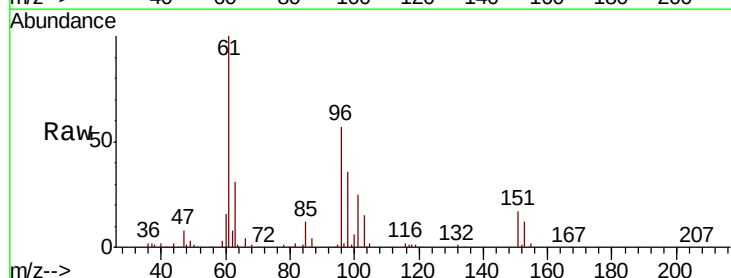
Tot Ion: 59 Resp: 142761
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.0 12.0

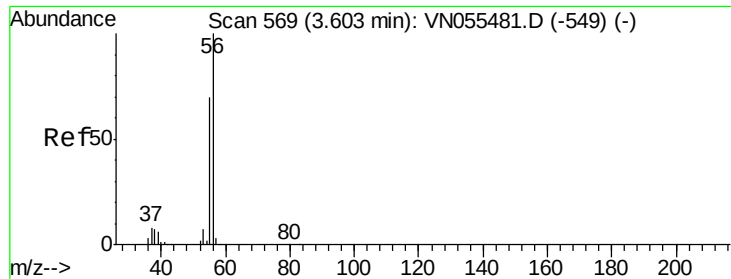


#12

1,1-Dichloroethene
 Concen: 19.672 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN055548.D
 Acq: 10 May 2019 13:37

Tgt Ion: 96 Resp: 149196
 Ion Ratio Lower Upper
 96 100
 61 174.0 138.7 208.1
 98 62.9 50.6 76.0





#13

Acrolein

Concen: 91.951 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

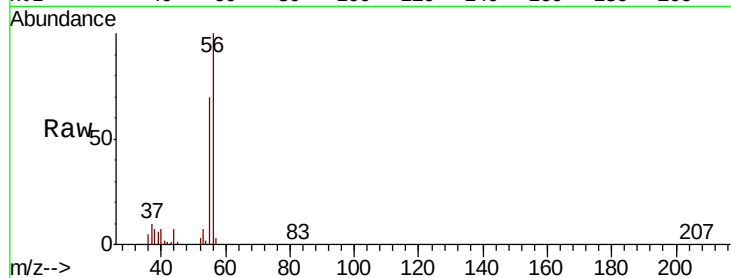
VN0510WBSD02

Tot Ion: 56 Resp: 94538

Ion Ratio Lower Upper

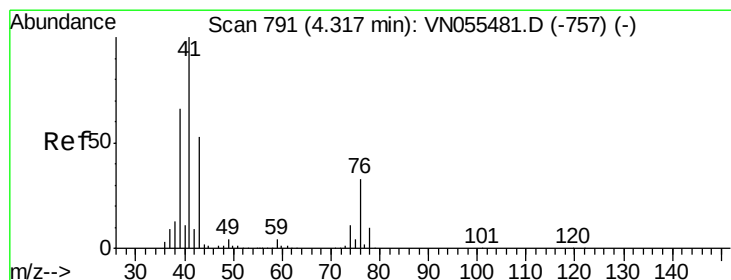
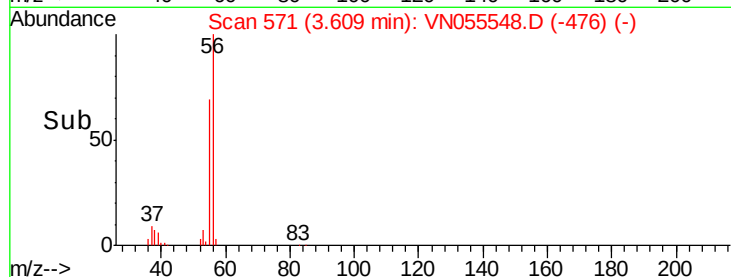
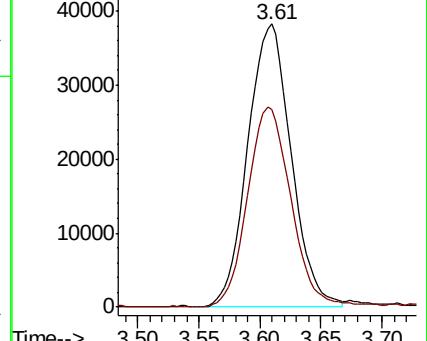
56 100

55 70.3 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.615 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

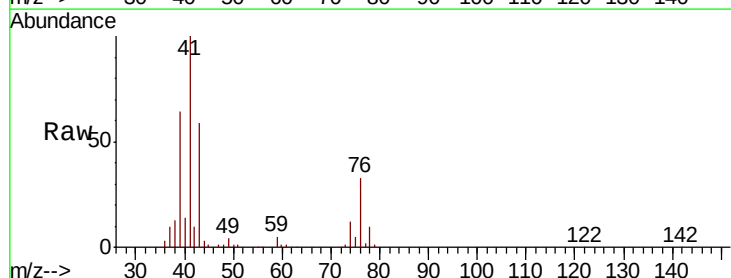
Tgt Ion: 41 Resp: 289204

Ion Ratio Lower Upper

41 100

39 61.7 49.8 74.8

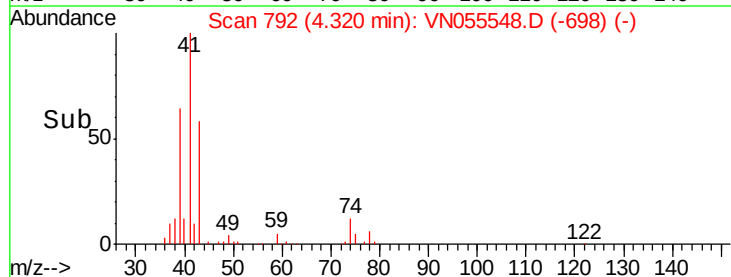
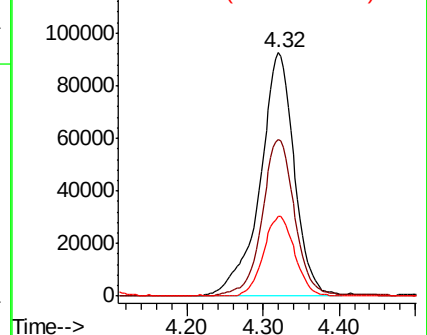
76 30.1 23.5 35.3

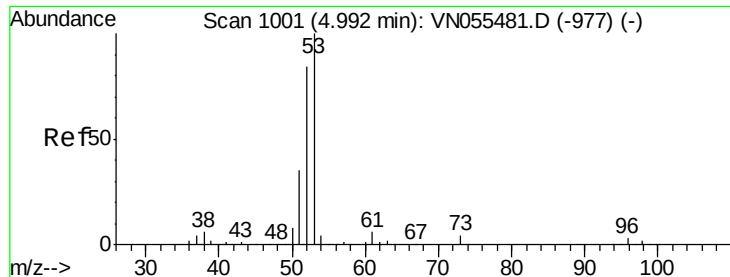


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 98.897 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBSD02

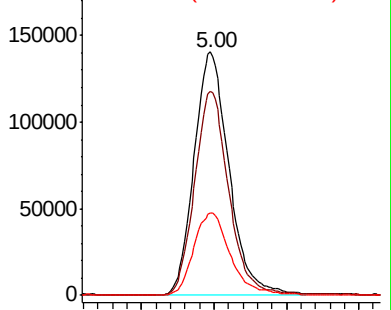
Tot Ion: 53 Resp: 472414

Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.1	99.1
51	35.2	28.3	42.5

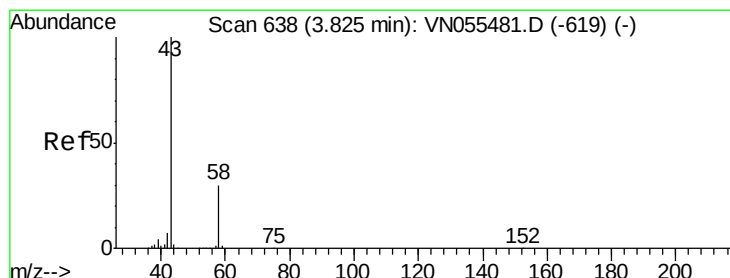
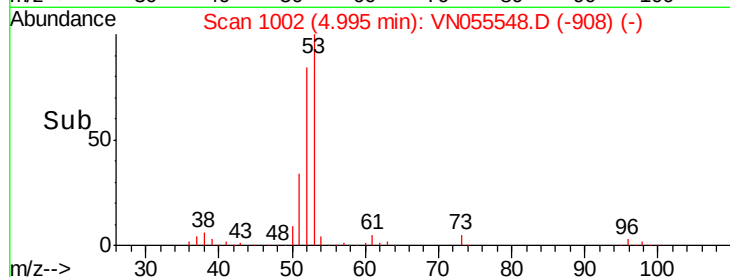
Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



Time-->



#16

Acetone

Concen: 83.457 ug/l

RT: 3.82 min Scan# 638

Delta R.T. -0.00 min

Lab File: VN055548.D

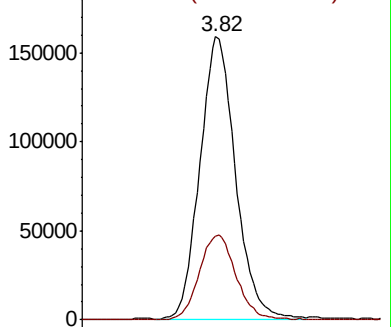
Acq: 10 May 2019 13:37

Tgt Ion: 43 Resp: 403744

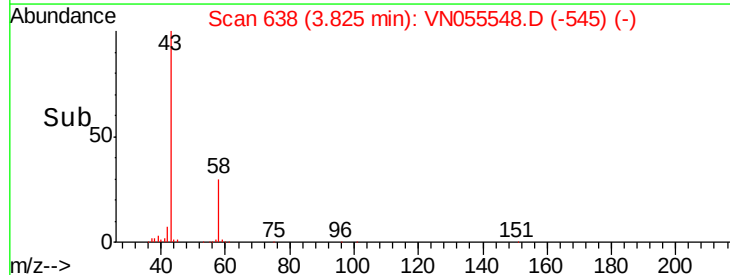
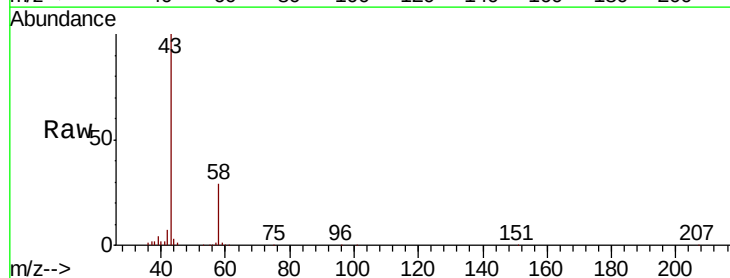
Ion	Ratio	Lower	Upper
43	100		
58	29.4	24.2	36.2

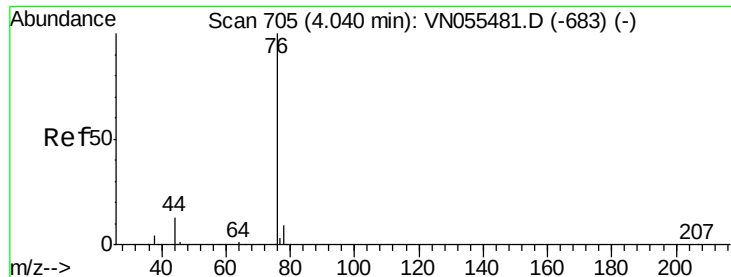
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->





#17

Carbon Disulfide

Concen: 18.654 ug/l

RT: 4.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

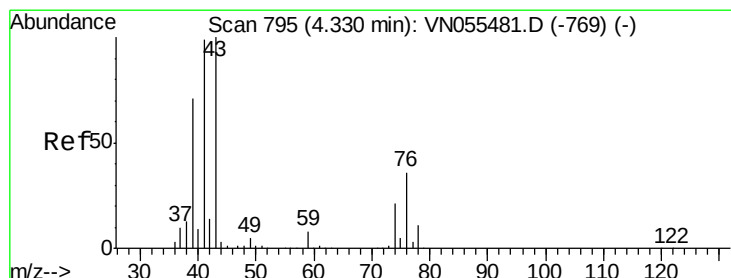
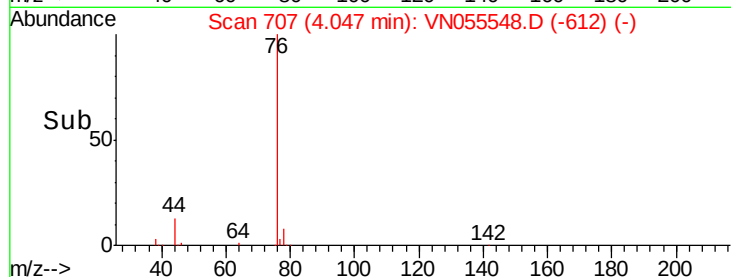
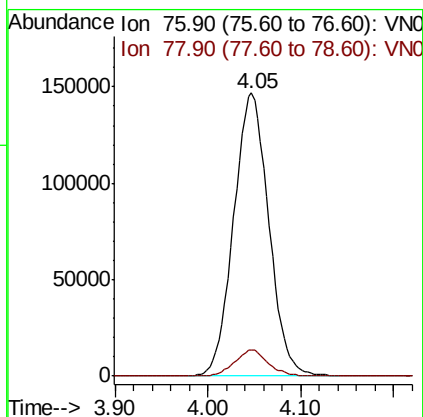
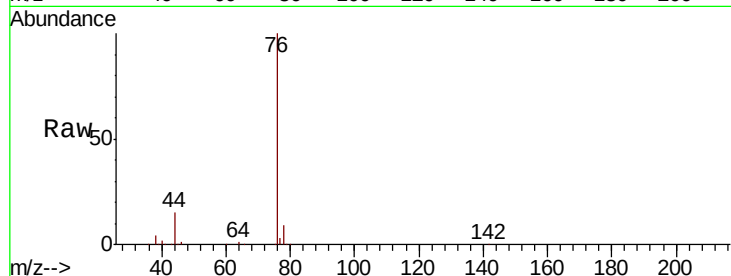
VN0510WBSD02

Tot Ion: 76 Resp: 386128

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



#18

Methyl Acetate

Concen: 19.443 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.00 min

Lab File: VN055548.D

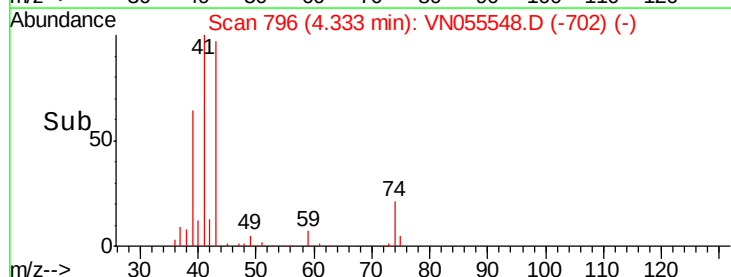
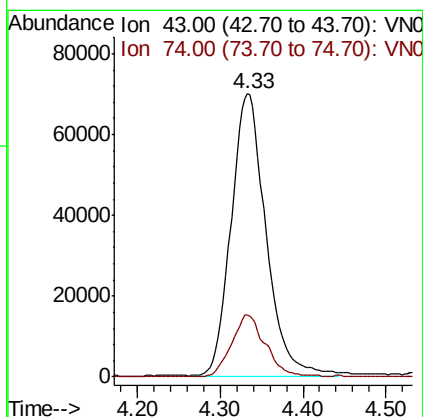
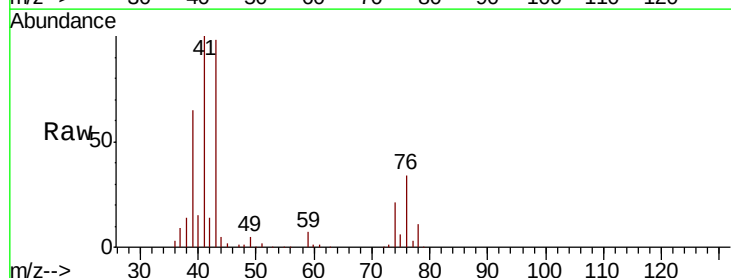
Acq: 10 May 2019 13:37

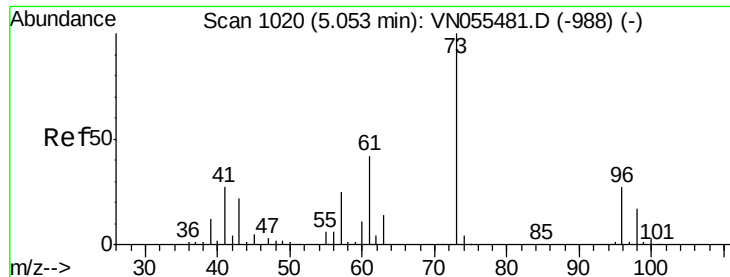
Tgt Ion: 43 Resp: 204248

Ion Ratio Lower Upper

43 100

74 21.2 16.3 24.5

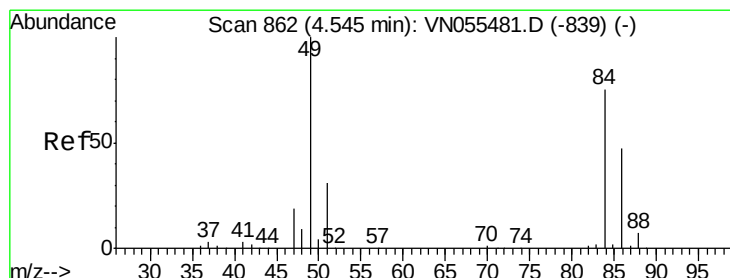
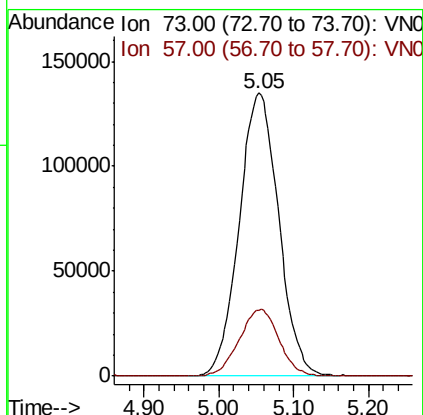
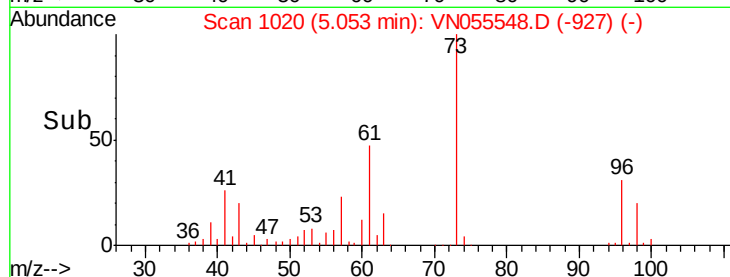
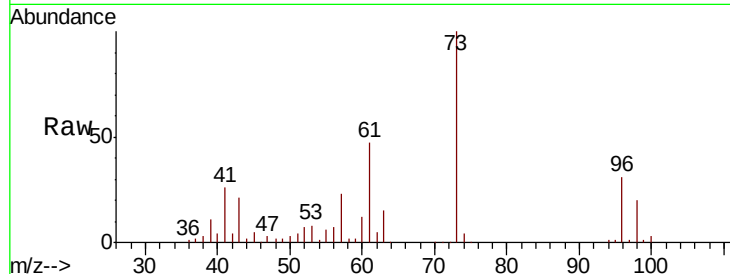




#19
Methvl tert-butyl Ether
Concen: 19.644 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

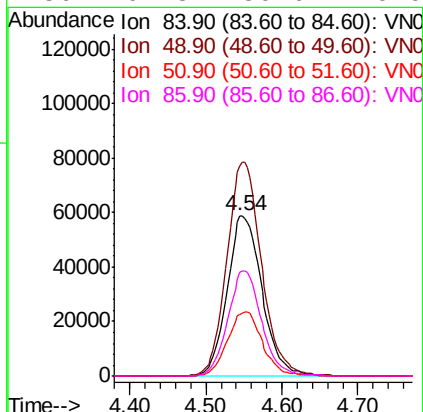
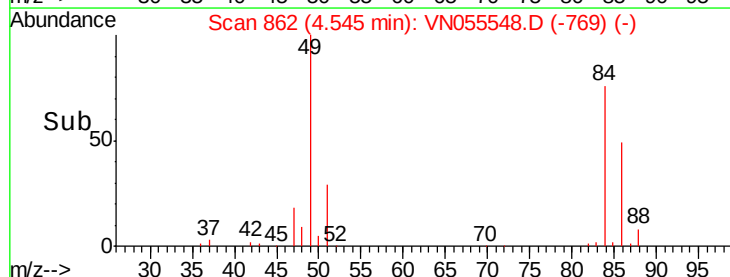
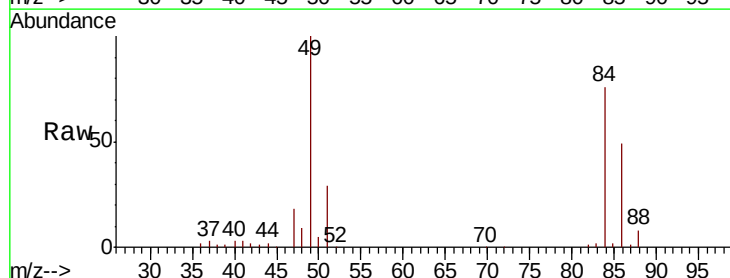
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD02

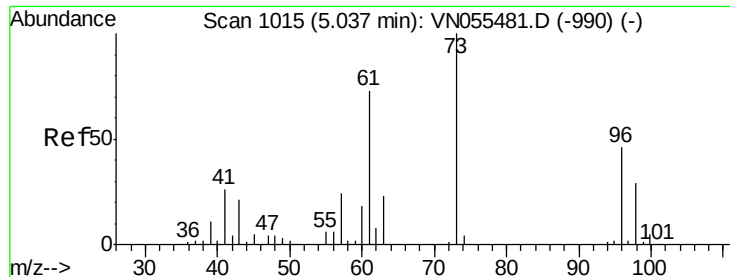
Tot Ion: 73 Resp: 495032
Ion Ratio Lower Upper
73 100
57 23.5 20.0 30.0



#20
Methylene Chloride
Concen: 18.936 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

Tgt Ion: 84 Resp: 187319
Ion Ratio Lower Upper
84 100
49 130.7 107.0 160.6
51 38.4 33.0 49.4
86 64.3 50.6 76.0

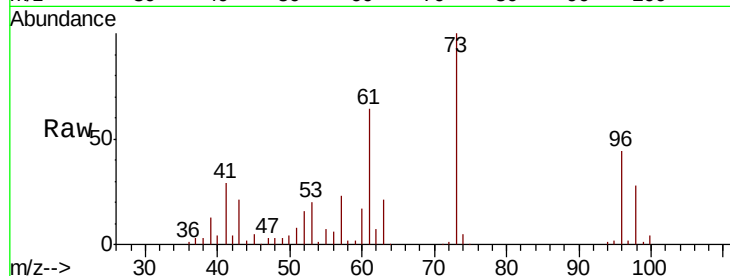




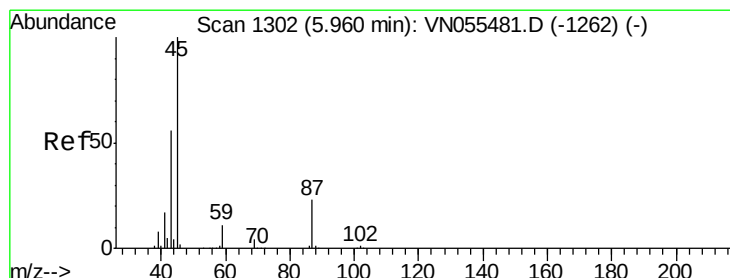
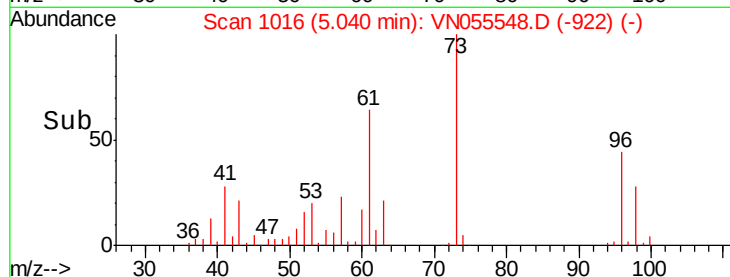
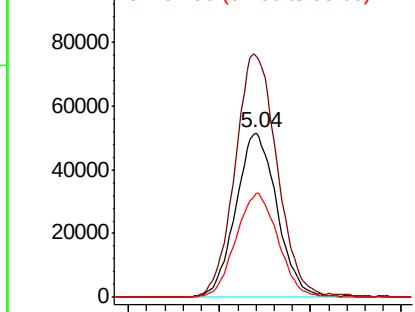
#21
trans-1,2-Dichloroethene
Concen: 19.785 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD02

Tot Ion: 96 Resp: 162687
Ion Ratio Lower Upper
96 100
61 146.8 127.4 191.0
98 63.0 51.6 77.4

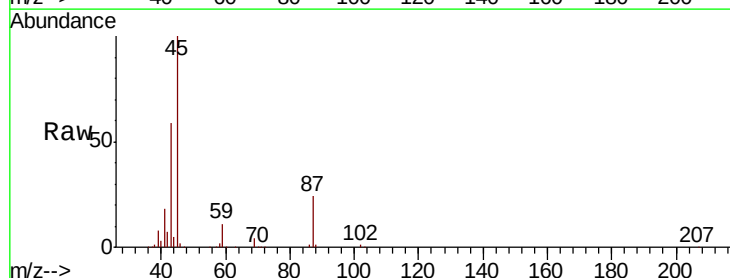


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

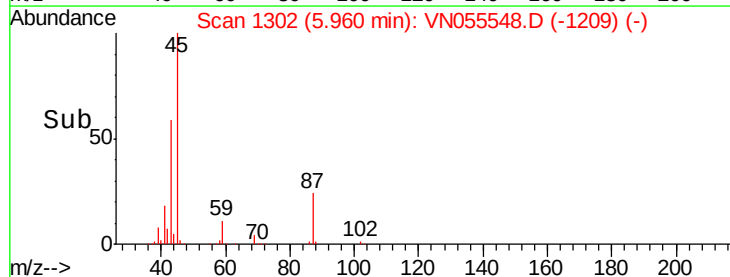
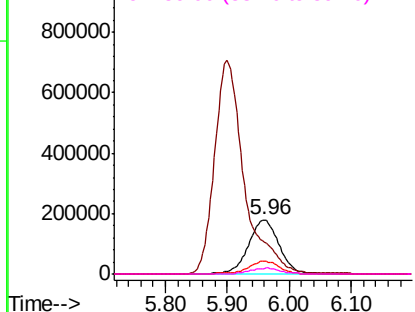


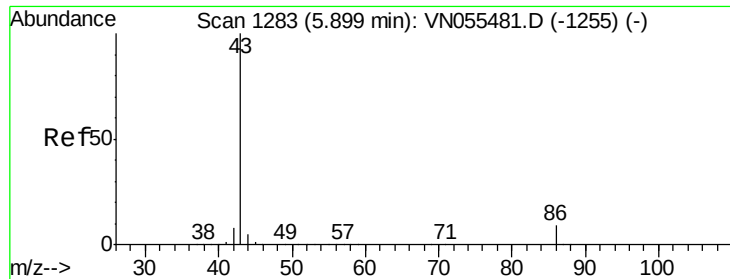
#22
Diisopropyl ether
Concen: 19.592 ug/l
RT: 5.96 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

Tgt Ion: 45 Resp: 618514
Ion Ratio Lower Upper
45 100
43 58.2 44.6 66.8
87 23.9 18.6 28.0
59 10.4 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: 97.118 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

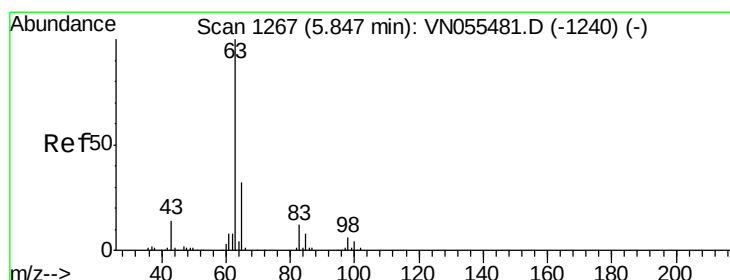
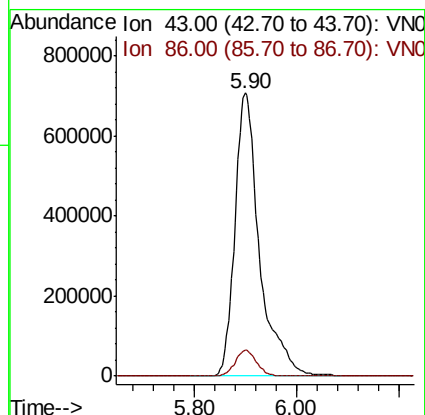
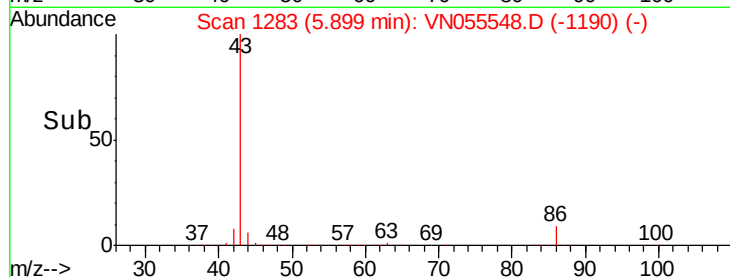
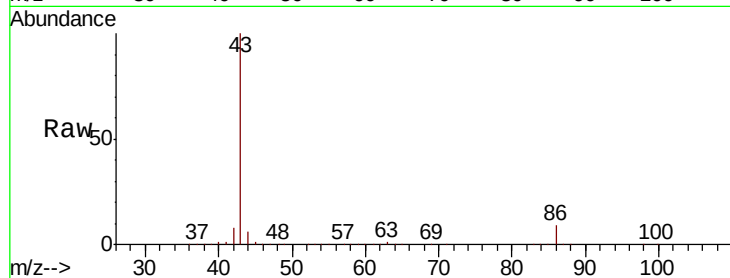
VN0510WBSD02

Tot Ion: 43 Resp: 2371158

Ion Ratio Lower Upper

43 100

86 9.1 7.1 10.7



#24

1,1-Dichloroethane

Concen: 19.444 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

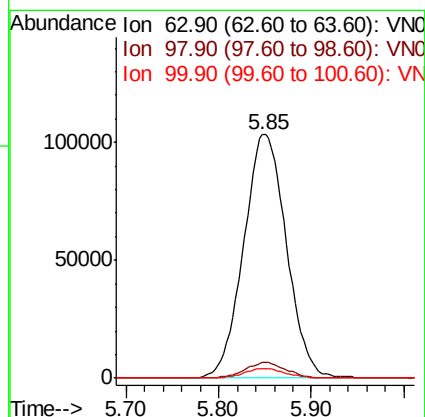
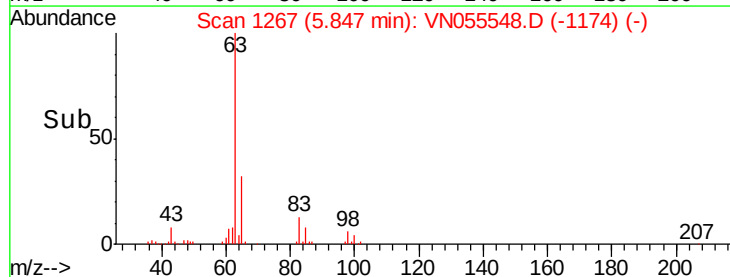
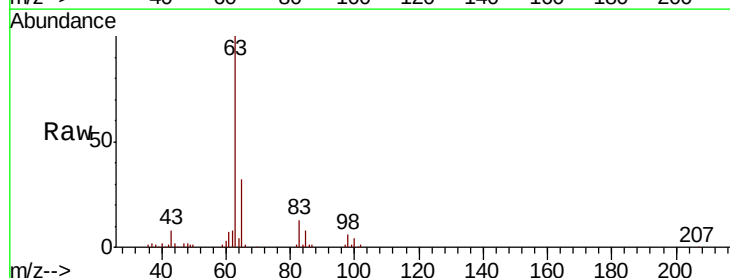
Tgt Ion: 63 Resp: 331374

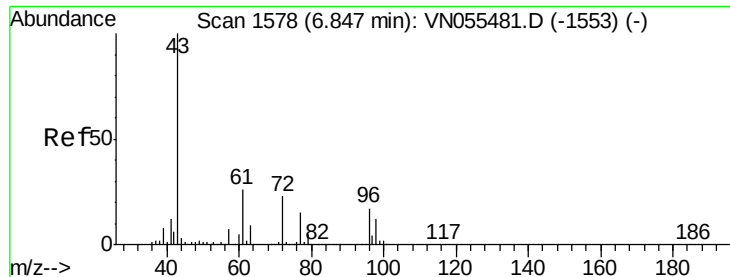
Ion Ratio Lower Upper

63 100

98 6.3 3.0 9.0

100 3.8 1.9 5.7





#25

2-Butanone

Concen: 92.558 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

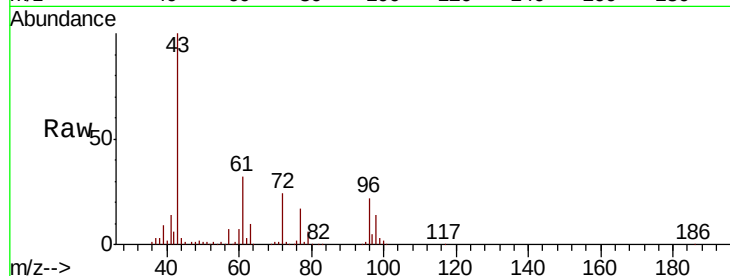
VN0510WBSD02

Tot Ion: 43 Resp: 618542

Ion Ratio Lower Upper

43 100

72 24.4 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

250000

200000

150000

100000

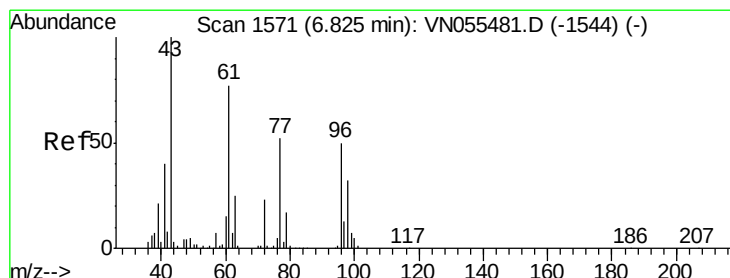
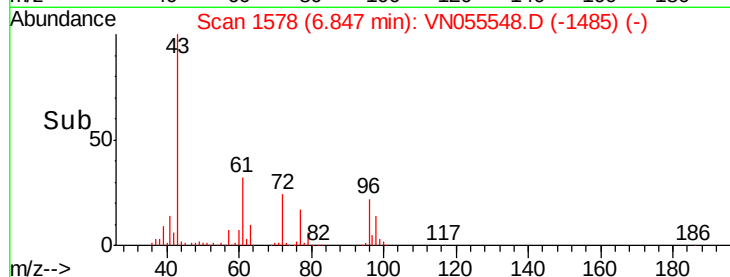
50000

0

6.70 6.80 6.90

6.85

Time-->



#26

2,2-Dichloropropane

Concen: 18.930 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055548.D

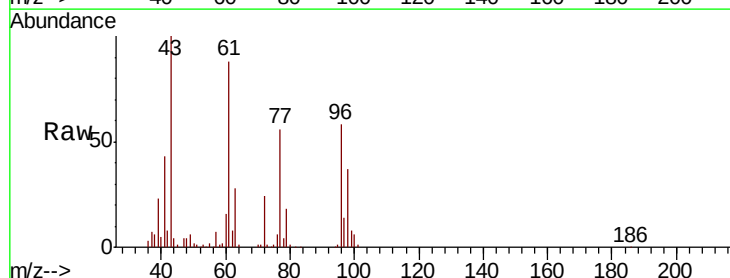
Acq: 10 May 2019 13:37

Tgt Ion: 77 Resp: 201115

Ion Ratio Lower Upper

77 100

97 24.1 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

60000

40000

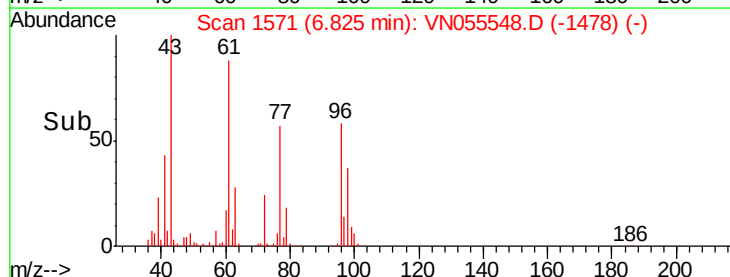
20000

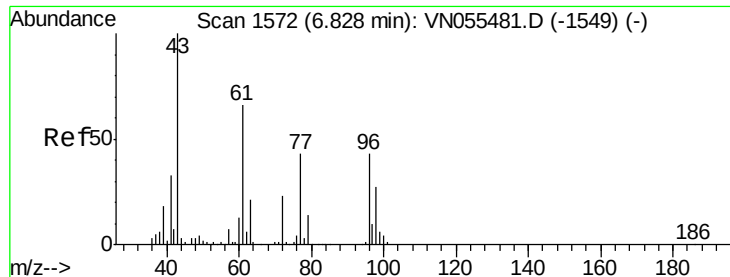
0

6.70 6.80 6.90

6.82

Time-->

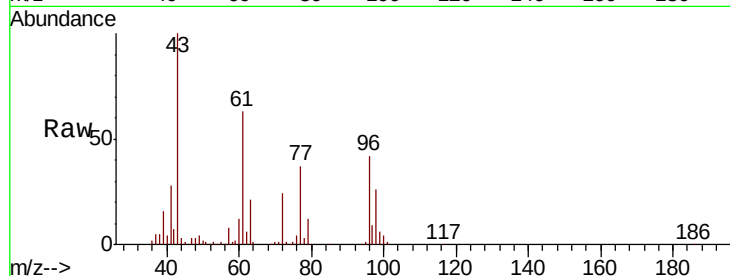




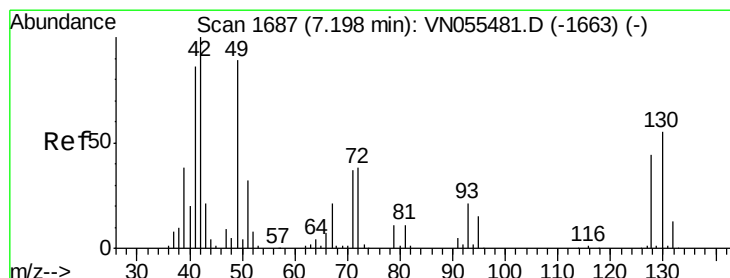
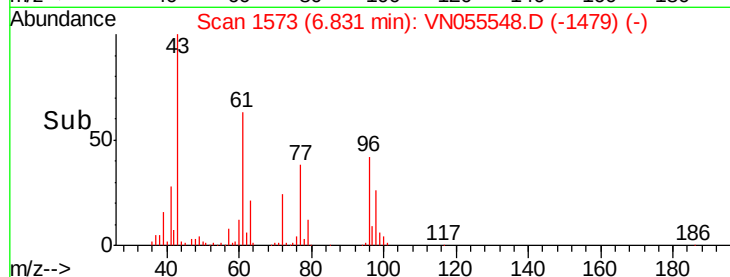
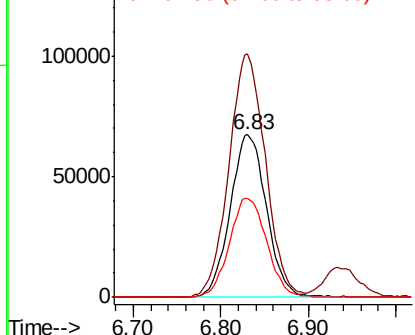
#27
 cis-1,2-Dichloroethene
 Concen: 20.508 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN055548.D
 Acq: 10 May 2019 13:37

Instrument :
 MSVOA_N
 ClientSampled :
 VN0510WBSD02

Tot Ion: 96 Resp: 194886
 Ion Ratio Lower Upper
 96 100
 61 150.1 0.0 310.8
 98 62.7 0.0 129.4

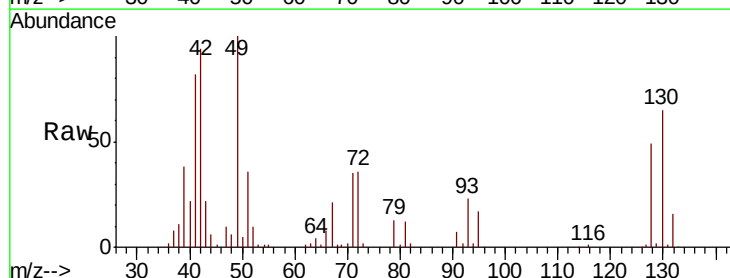


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

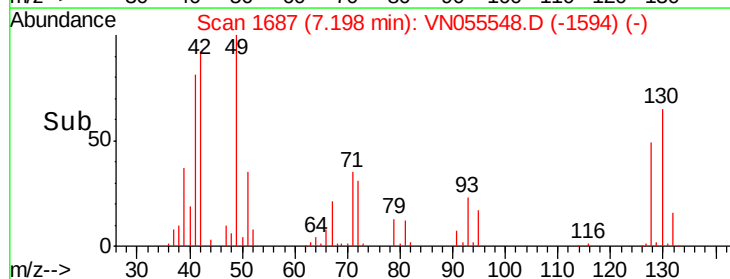
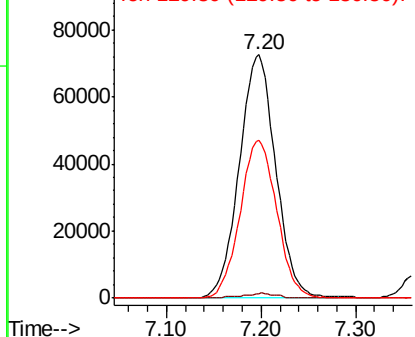


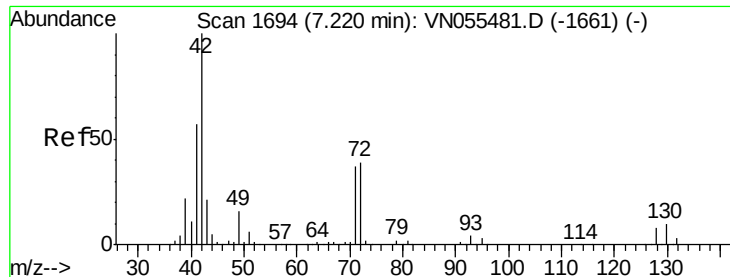
#28
 Bromochloromethane
 Concen: 21.935 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: VN055548.D
 Acq: 10 May 2019 13:37

Tgt Ion: 49 Resp: 194137
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.2
 130 65.3 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

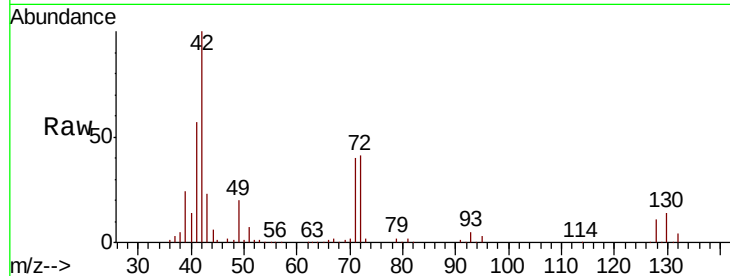




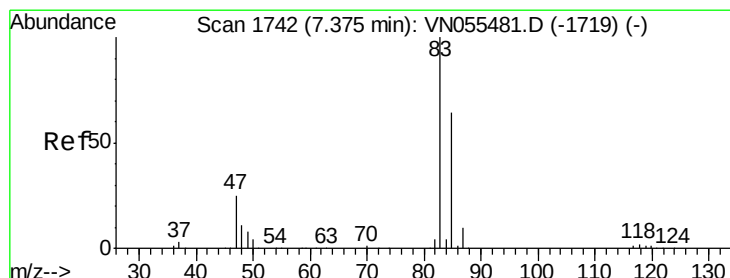
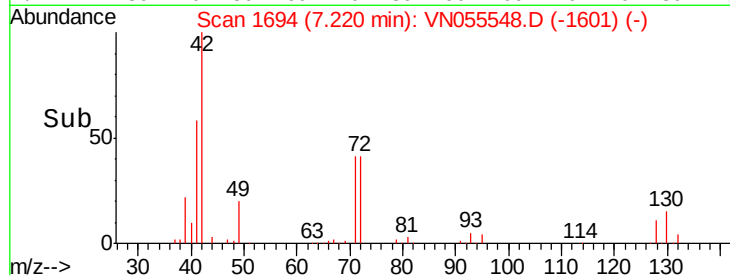
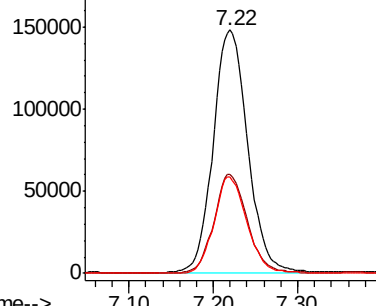
#29
Tetrahydrofuran
Concen: 95.267 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. -0.00 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD02

Tot Ion: 42 Resp: 420878
Ion Ratio Lower Upper
42 100
72 39.7 31.0 46.6
71 38.0 29.4 44.2

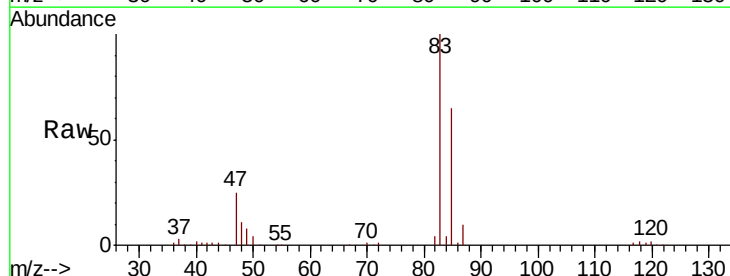


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

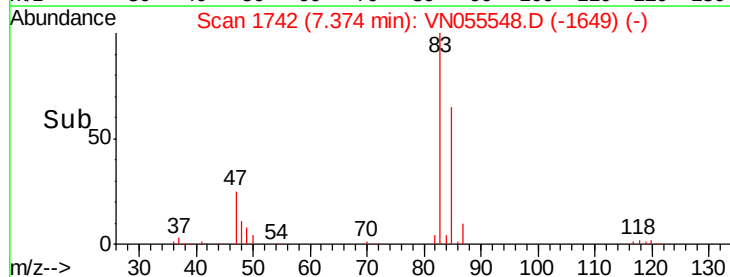
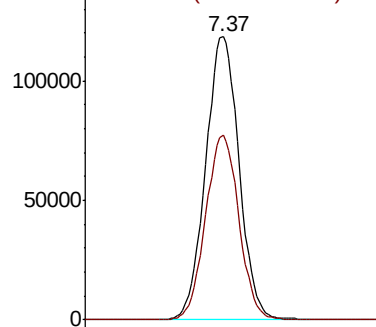


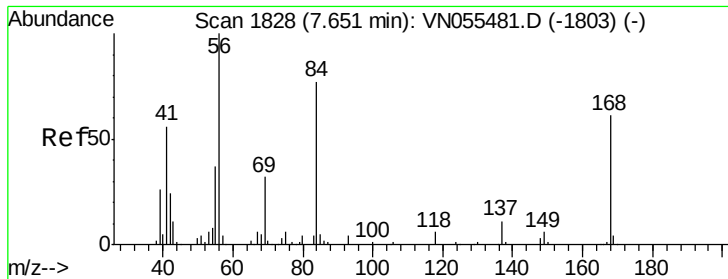
#30
Chloroform
Concen: 19.606 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

Tgt Ion: 83 Resp: 308880
Ion Ratio Lower Upper
83 100
85 65.1 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

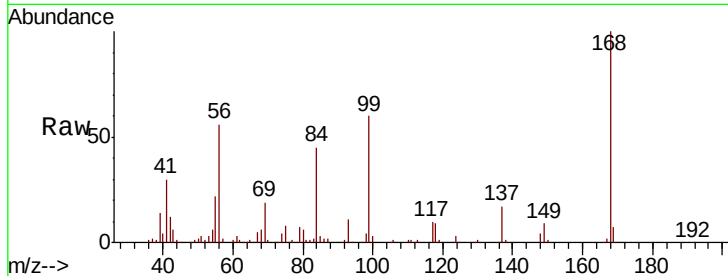




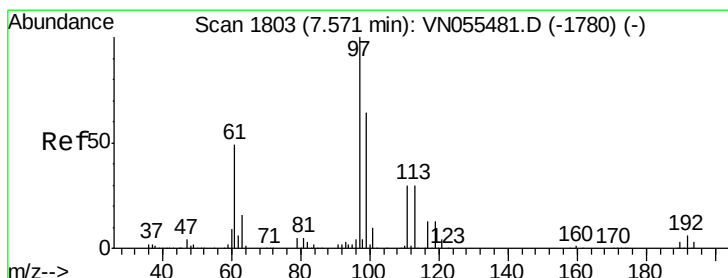
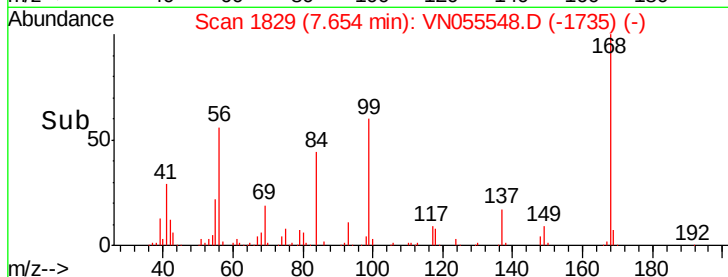
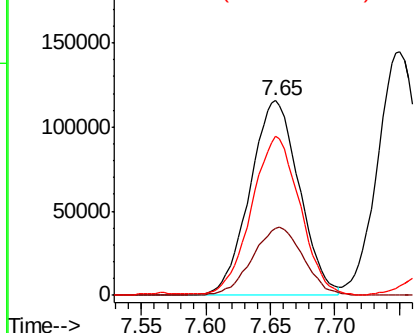
#31
Cyclohexane
Concen: 18.214 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD02

Tot Ion: 56 Resp: 307116
Ion Ratio Lower Upper
56 100
69 34.6 26.0 39.0
84 80.7 61.9 92.9

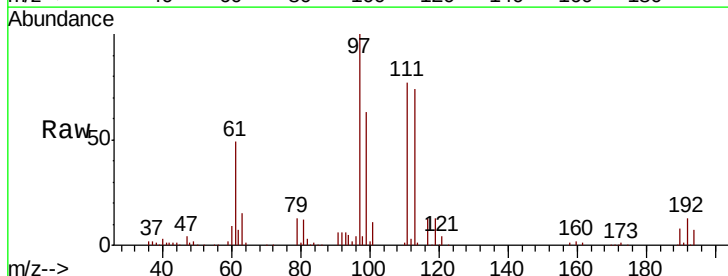


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

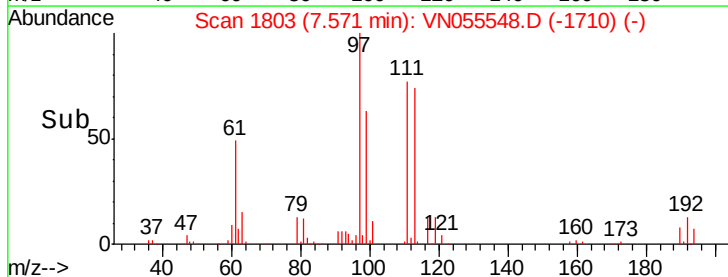
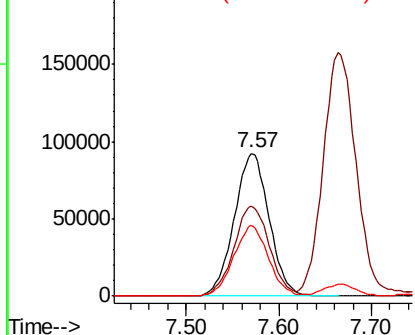


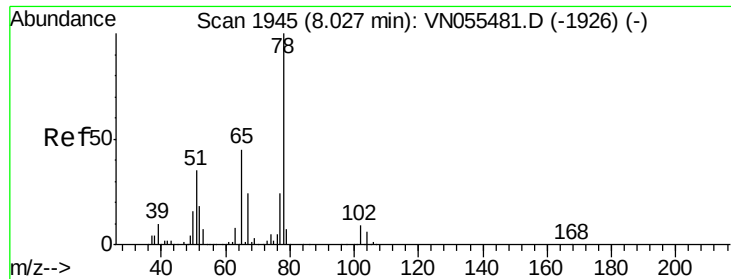
#32
1,1,1-Trichloroethane
Concen: 20.117 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

Tgt Ion: 97 Resp: 241353
Ion Ratio Lower Upper
97 100
99 64.1 51.2 76.8
61 48.9 39.2 58.8



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO

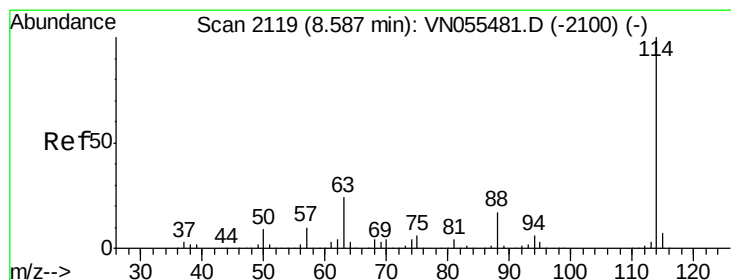
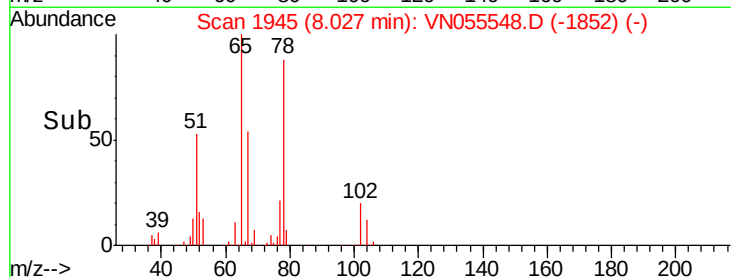
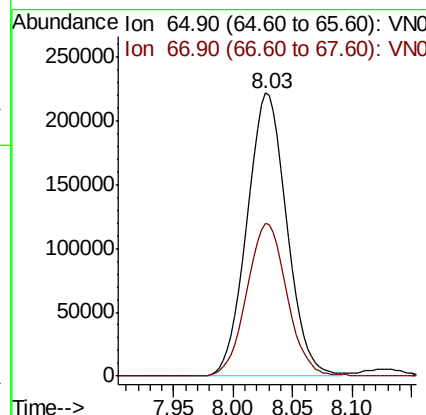
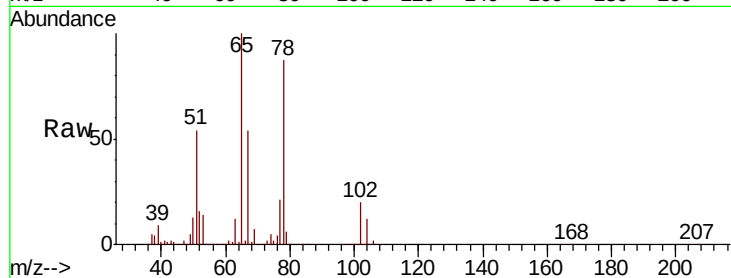




#33
 1,2-Dichloroethane-d4
 Concen: 49.231 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055548.D
 Acq: 10 May 2019 13:37

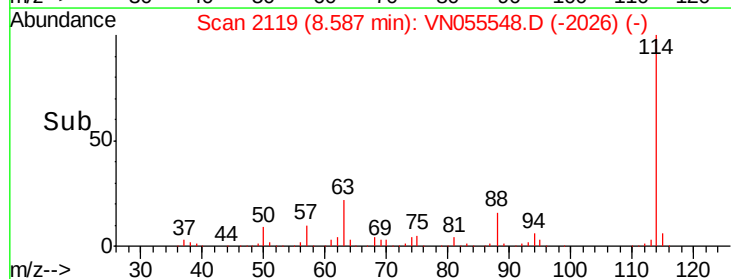
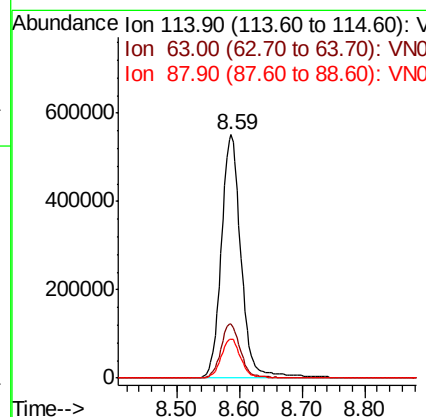
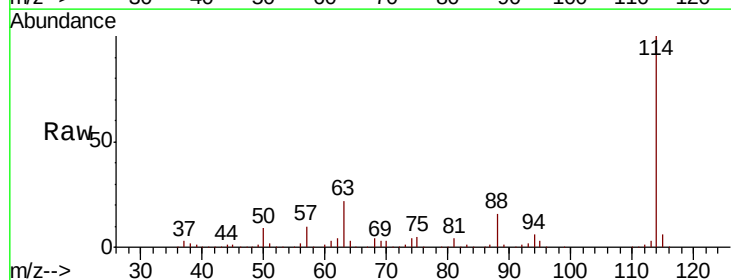
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBSD02

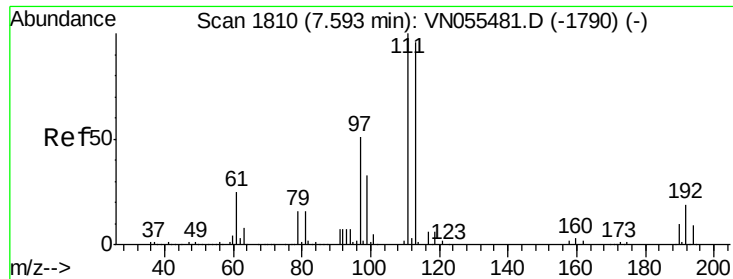
Tot Ion: 65 Resp: 514372
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055548.D
 Acq: 10 May 2019 13:37

Tgt Ion: 114 Resp: 1209451
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 47.4
 88 16.2 0.0 34.0

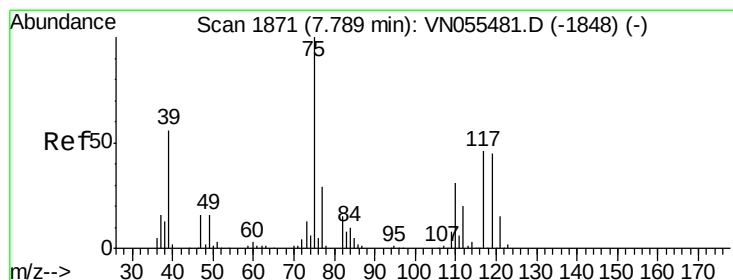
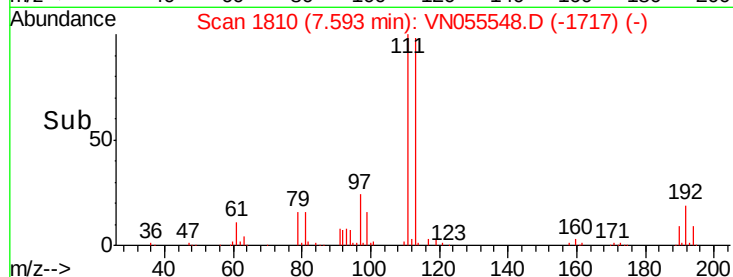
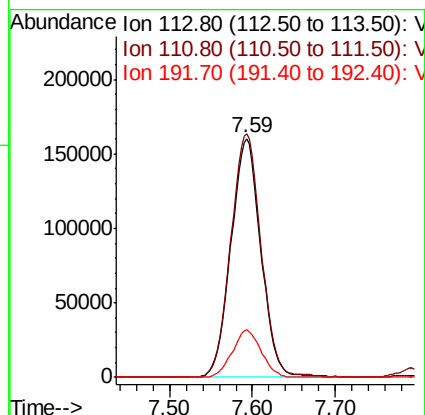
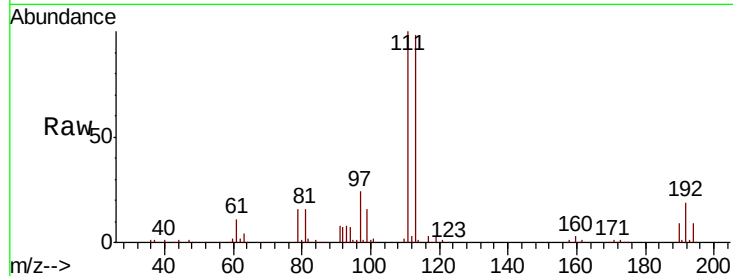




#35
 Dibromofluoromethane
 Concen: 51.511 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055548.D
 Acq: 10 May 2019 13:37

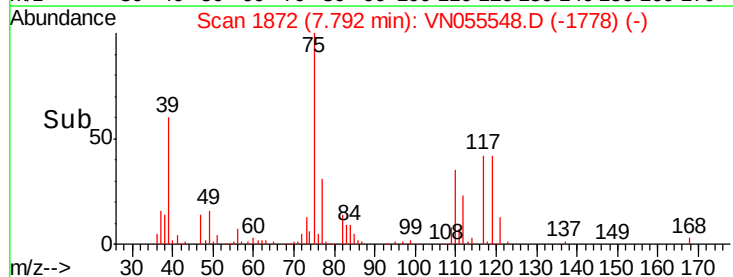
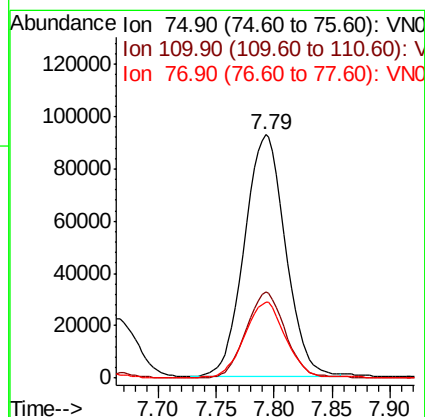
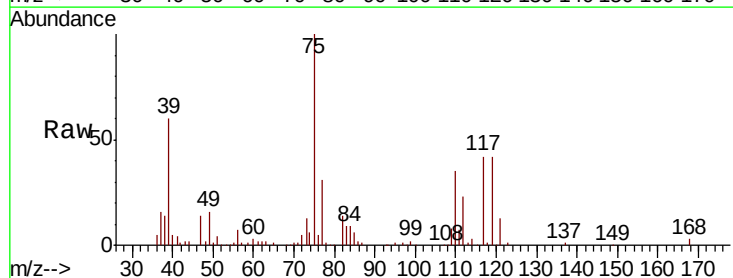
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBSD02

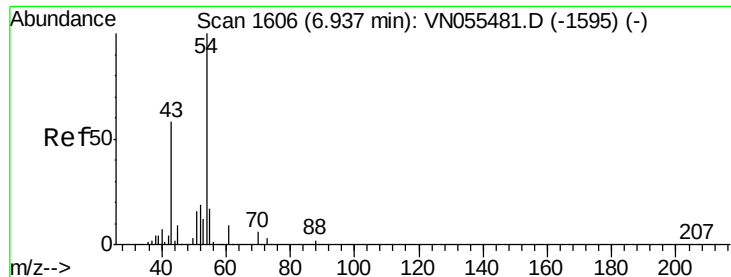
Tot Ion:113 Resp: 401884
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.9 124.3
 192 19.3 15.6 23.4



#36
 1,1-Dichloropropene
 Concen: 19.095 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055548.D
 Acq: 10 May 2019 13:37

Tgt Ion: 75 Resp: 227523
 Ion Ratio Lower Upper
 75 100
 110 34.4 16.1 48.3
 77 31.3 24.6 37.0

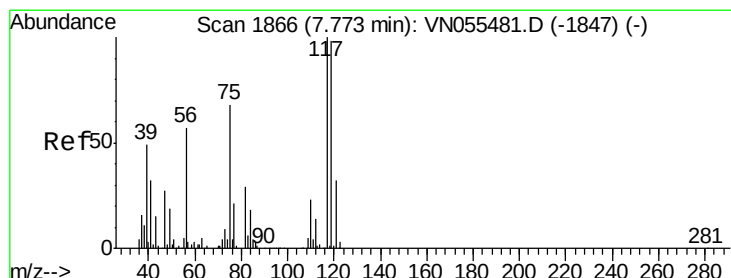
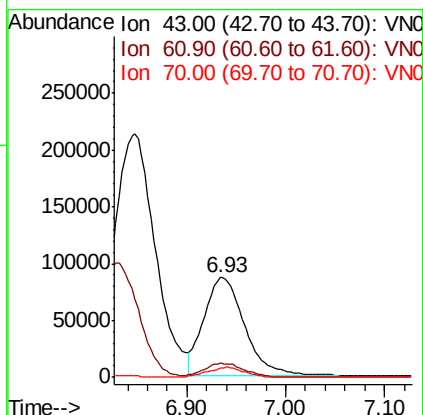
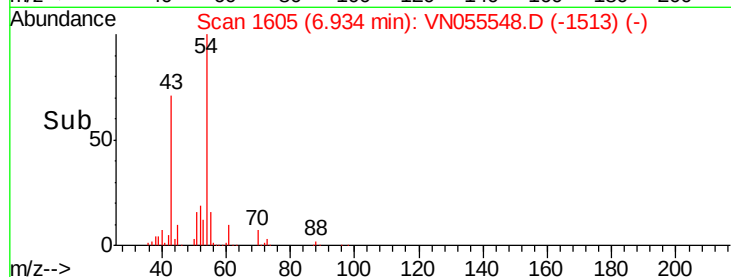
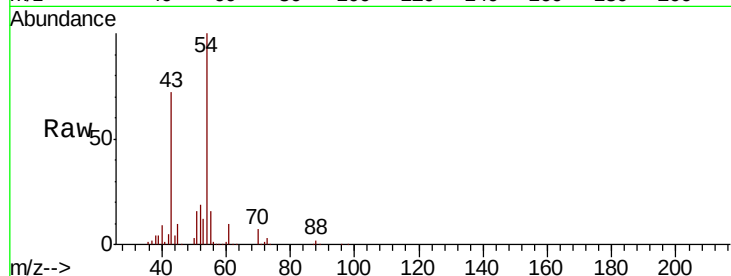




#37
Ethyl Acetate
Concen: 19.292 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

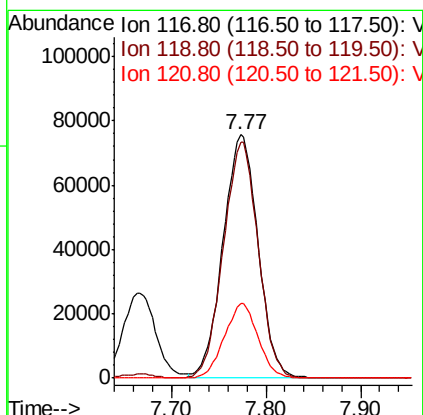
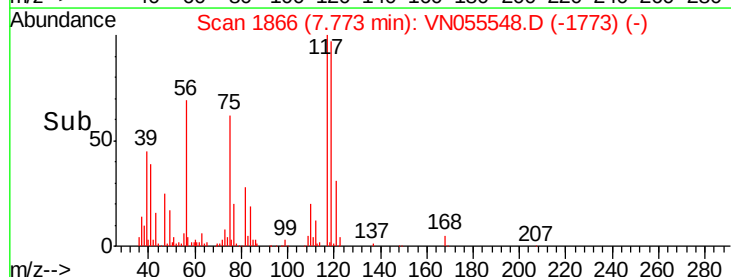
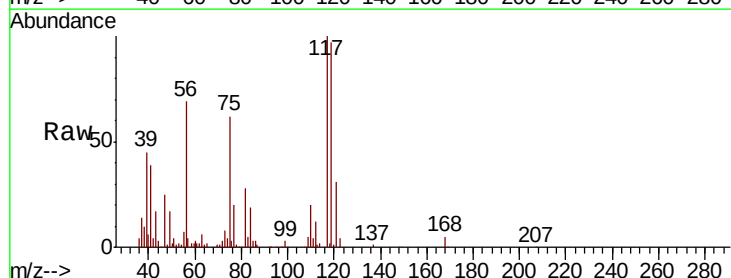
Instrument :
MSVOA_N
ClientSampled :
VN0510WBSD02

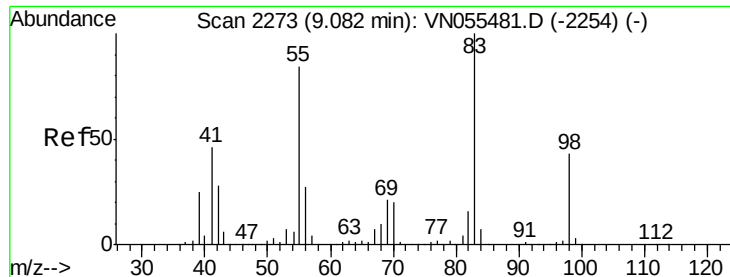
Tot Ion: 43 Resp: 250750
Ion Ratio Lower Upper
43 100
61 13.3 10.9 16.3
70 8.7 7.0 10.6



#38
Carbon Tetrachloride
Concen: 19.418 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

Tgt Ion: 117 Resp: 194824
Ion Ratio Lower Upper
117 100
119 97.0 77.8 116.6
121 30.7 25.2 37.8

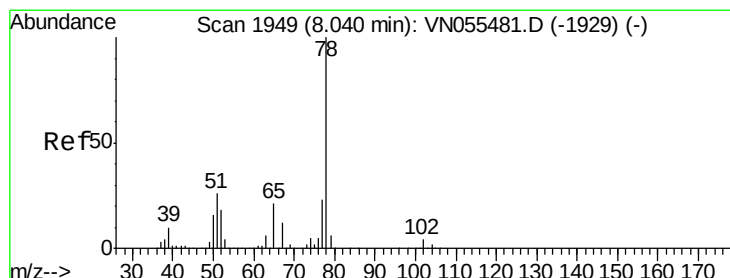
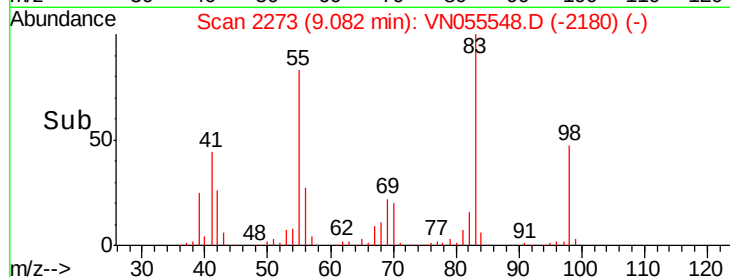
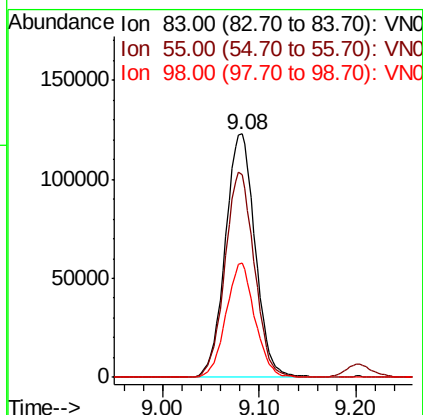
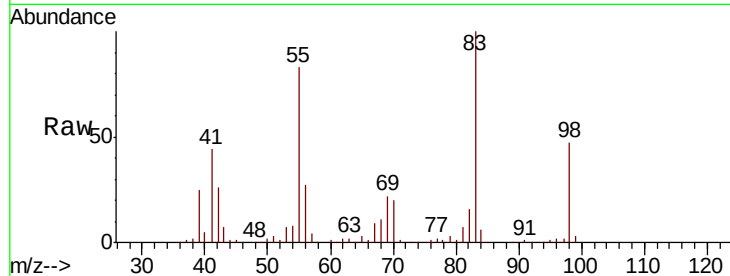




#39
Methylvlcyclohexane
Concen: 18.148 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

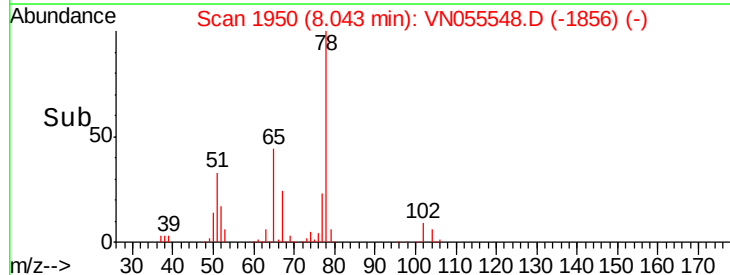
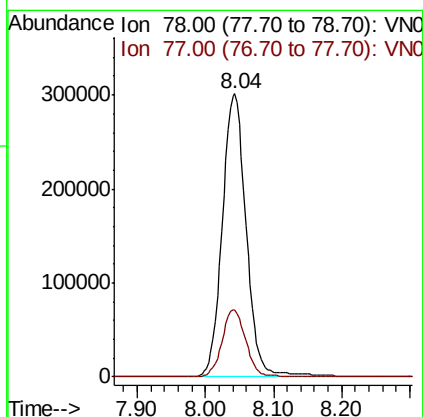
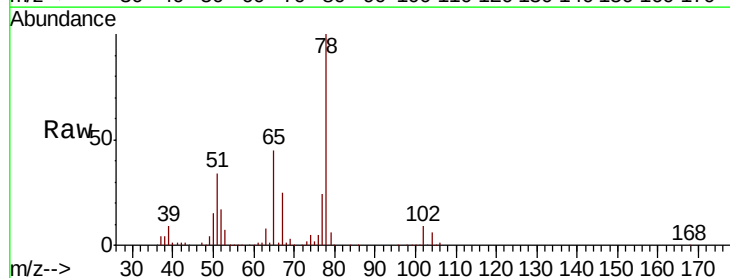
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD02

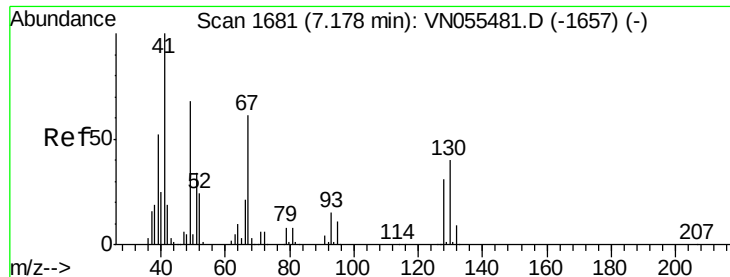
Tot Ion: 83 Resp: 263651
Ion Ratio Lower Upper
83 100
55 83.2 67.0 100.4
98 46.9 34.2 51.4



#40
Benzene
Concen: 19.879 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

Tgt Ion: 78 Resp: 735129
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8

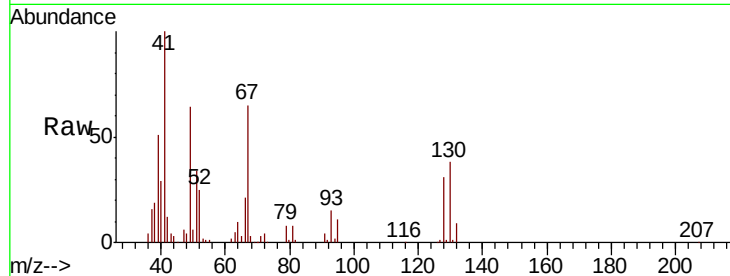




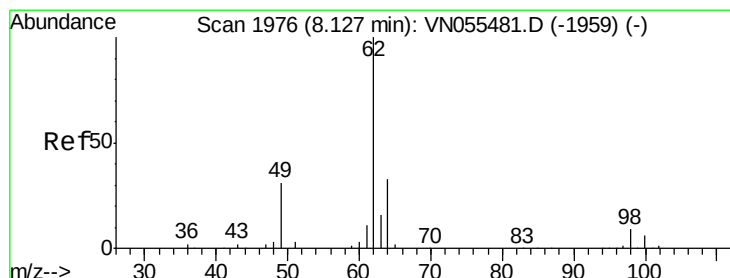
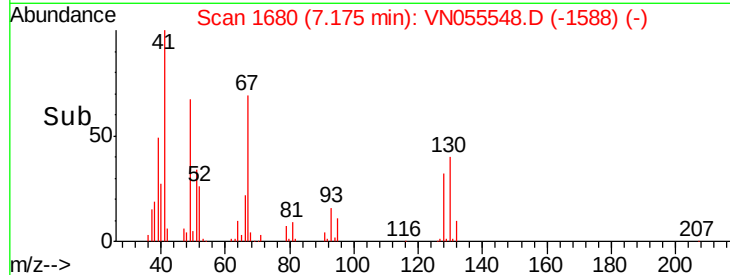
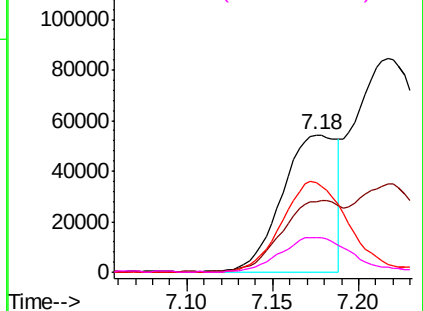
#41
Methacrylonitrile
Concen: 19.874 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD02

Tot Ion:	41	Resp:	119895
Ion	Ratio	Lower	Upper
41	100		
39	55.6	44.7	67.1
67	81.7	61.4	92.0
52	32.7	25.0	37.4

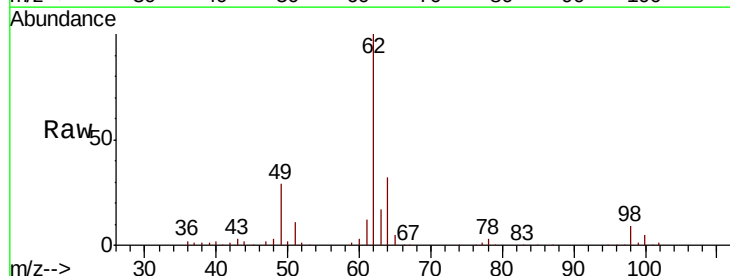


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

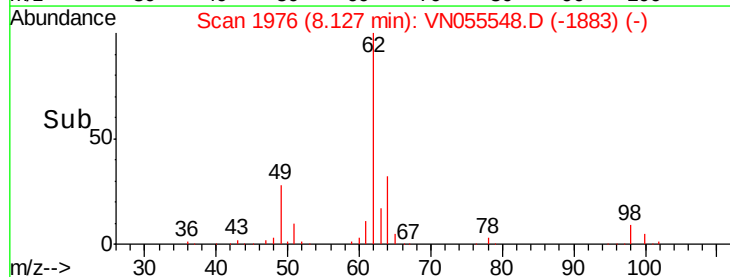
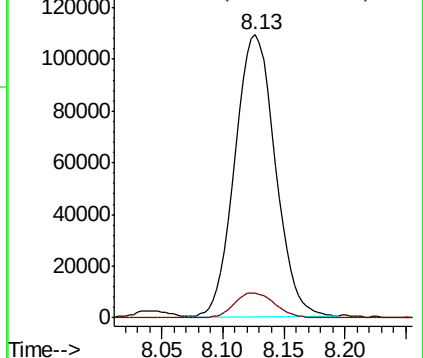


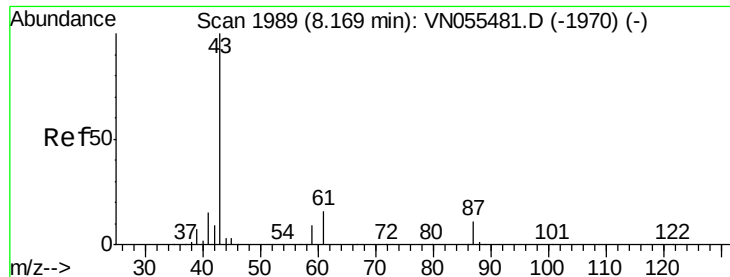
#42
1,2-Dichloroethane
Concen: 19.311 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

Tgt Ion:	62	Resp:	250895
Ion	Ratio	Lower	Upper
62	100		
98	8.8	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: 19.020 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBSD02

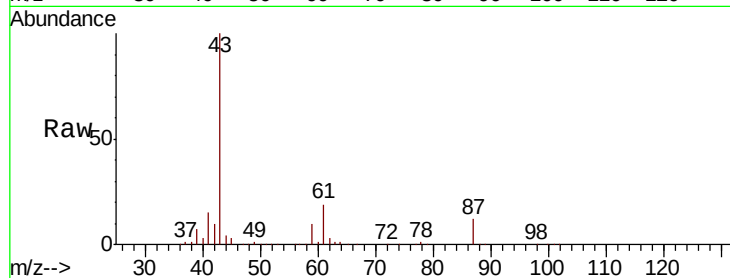
Tot Ion: 43 Resp: 375575

Ion Ratio Lower Upper

43 100

61 19.7 15.1 22.7

87 12.1 9.0 13.6

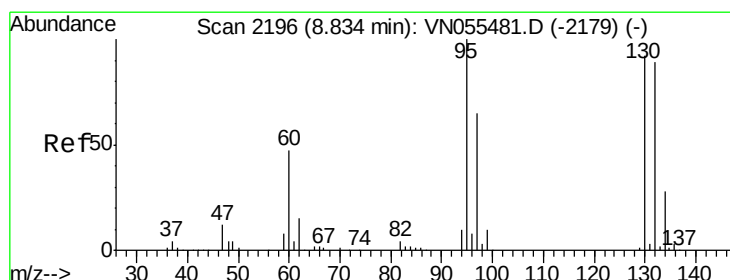
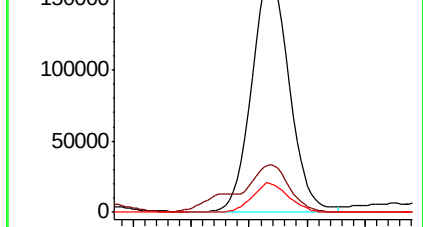
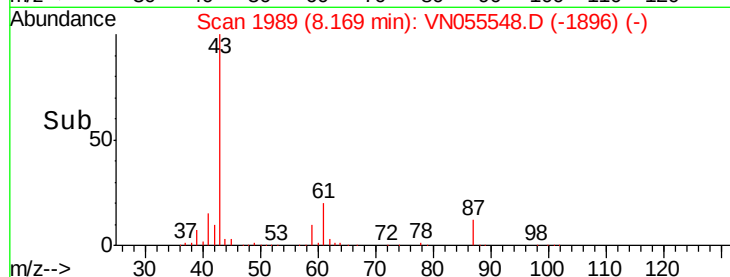


Abundance Ion 43.00 (42.70 to 43.70): VN055481.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055481.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055481.D (-1970) (-)

8.17



#44

Trichloroethene

Concen: 19.863 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055548.D

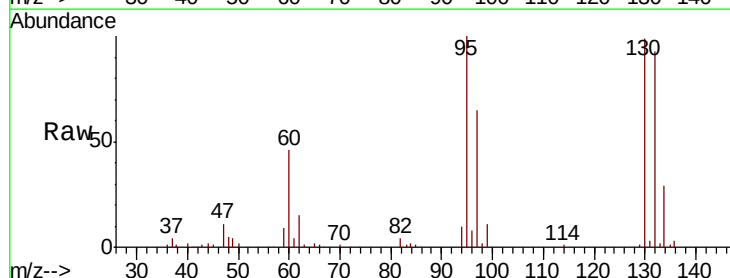
Acq: 10 May 2019 13:37

Tgt Ion:130 Resp: 174774

Ion Ratio Lower Upper

130 100

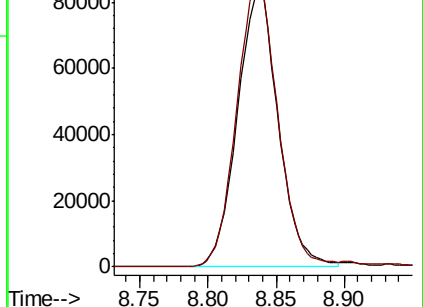
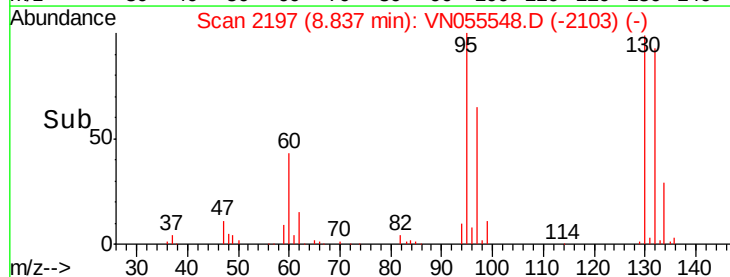
95 101.2 0.0 216.8

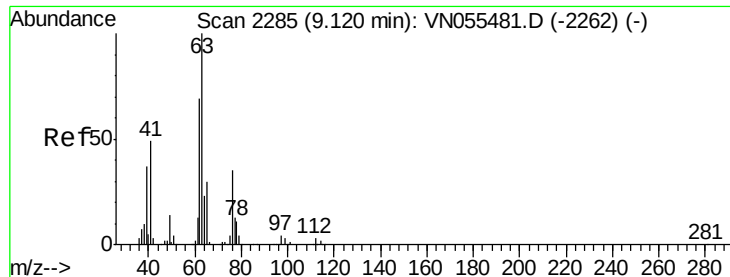


Abundance Ion 129.80 (129.50 to 130.50): VN055481.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055481.D (-2179) (-)

8.84

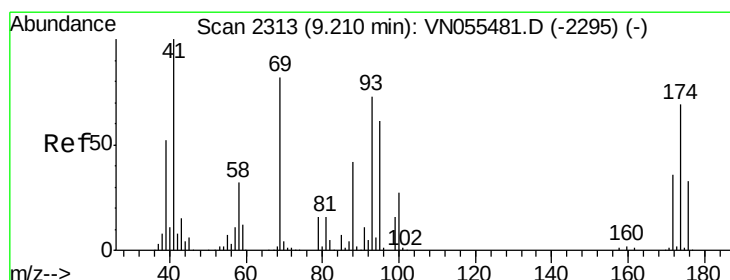
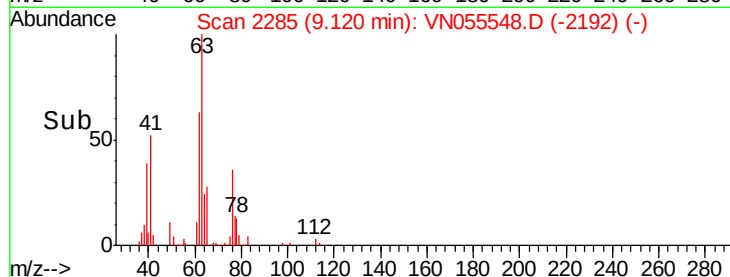
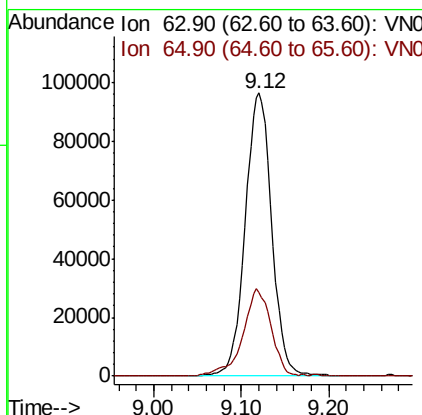
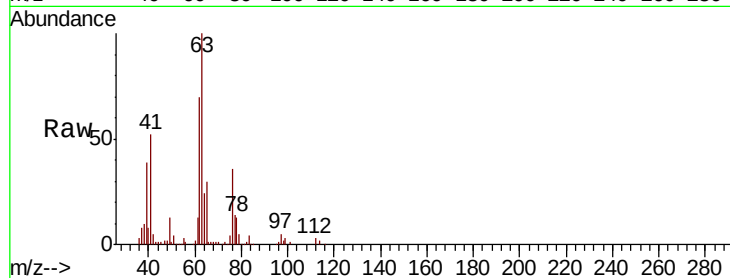




#45
 1,2-Dichloropropane
 Concen: 19.110 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN055548.D
 Acq: 10 May 2019 13:37

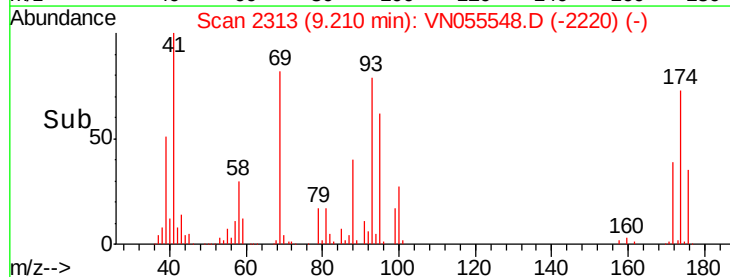
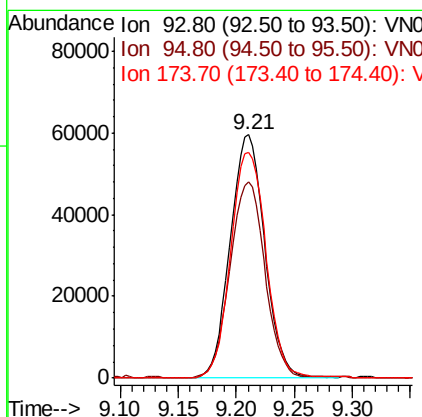
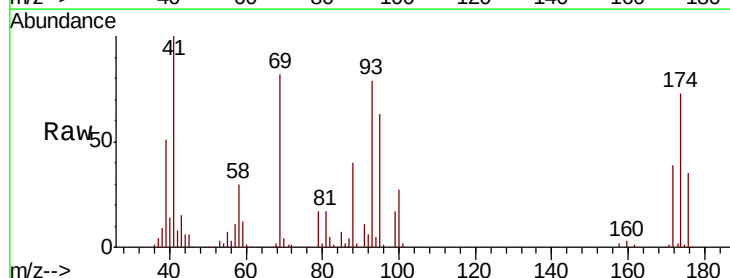
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0510WBSD02

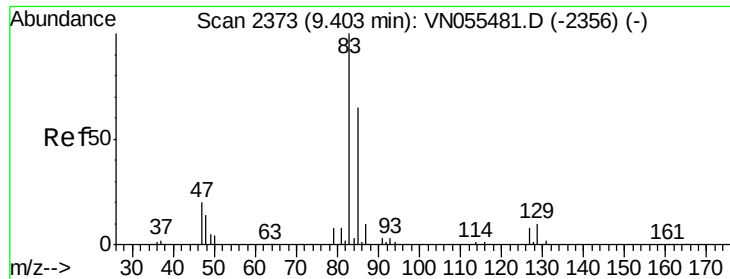
Tot Ion: 63 Resp: 202199
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.1 36.1



#46
 Dibromomethane
 Concen: 20.001 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: VN055548.D
 Acq: 10 May 2019 13:37

Tgt Ion: 93 Resp: 122669
 Ion Ratio Lower Upper
 93 100
 95 82.3 64.8 97.2
 174 95.0 75.0 112.6





#47

Bromodichloromethane

Concen: 19.507 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBSD02

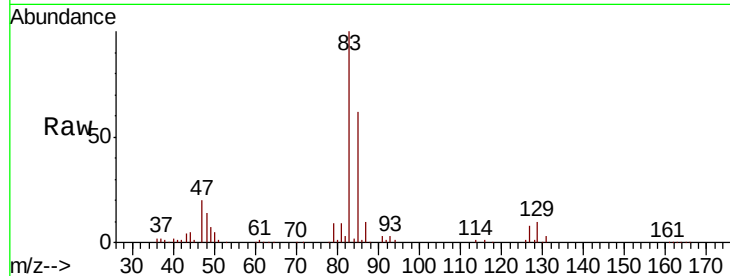
Tot Ion: 83 Resp: 228871

Ion Ratio Lower Upper

83 100

85 61.9 52.2 78.2

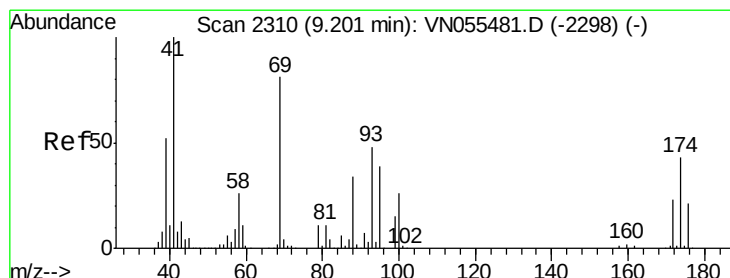
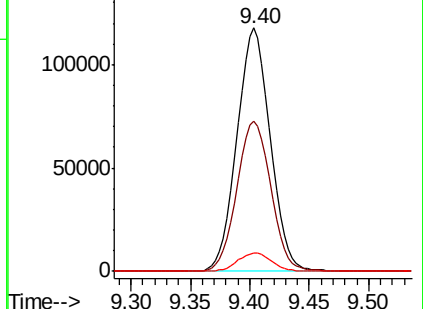
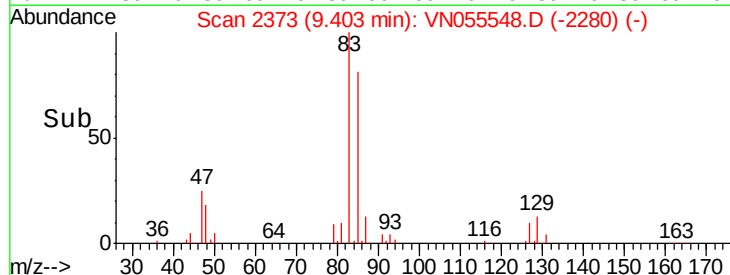
127 7.6 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN055548.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055548.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055548.D (-2280) (-)



#48

Methyl methacrylate

Concen: 18.614 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

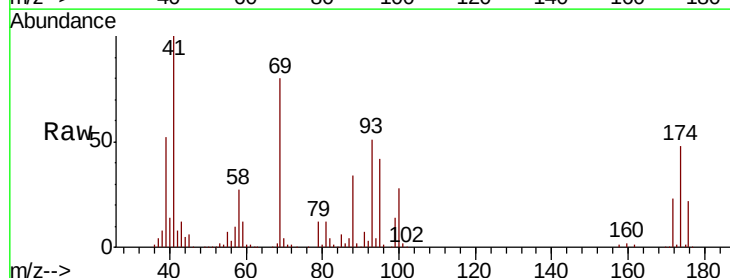
Tgt Ion: 41 Resp: 177097

Ion Ratio Lower Upper

41 100

69 83.4 64.2 96.2

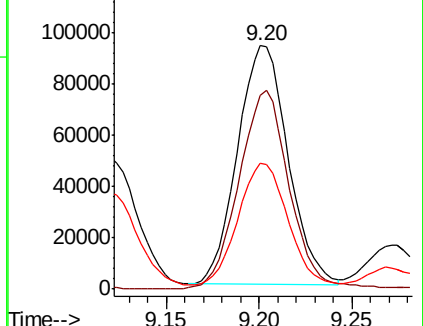
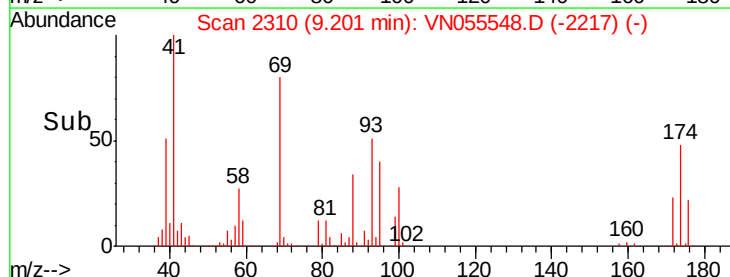
39 52.9 41.6 62.4

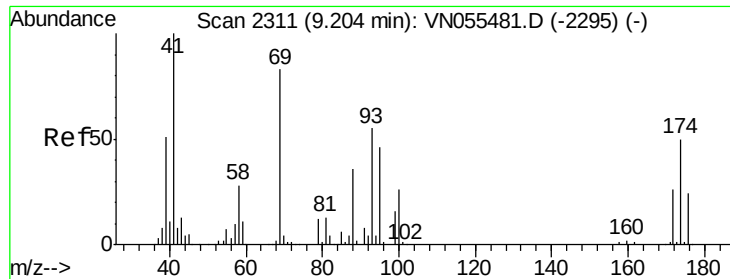


Abundance Ion 41.00 (40.70 to 41.70): VN055548.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055548.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055548.D (-2217) (-)

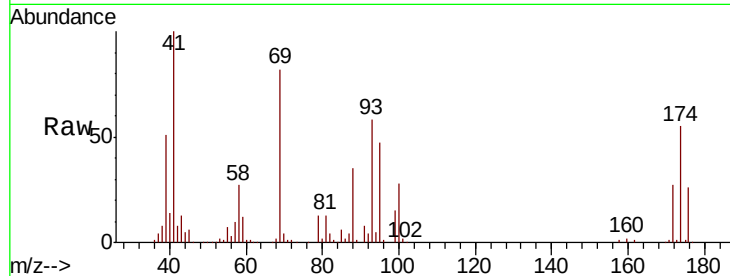




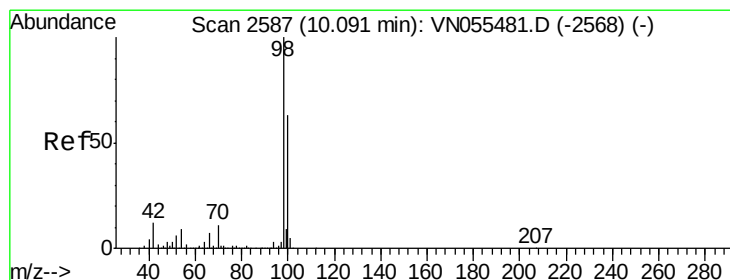
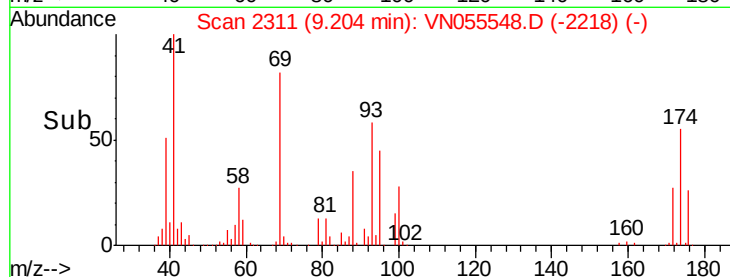
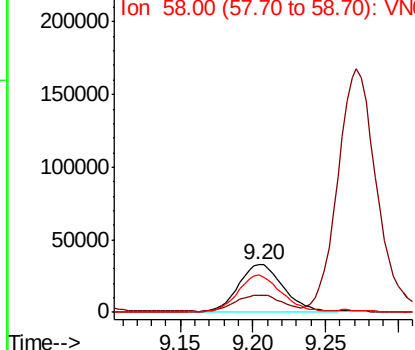
#49
1,4-Dioxane
Concen: 385.926 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD02

Tot Ion: 88 Resp: 71562
Ion Ratio Lower Upper
88 100
43 34.6 27.8 41.8
58 75.3 61.8 92.6

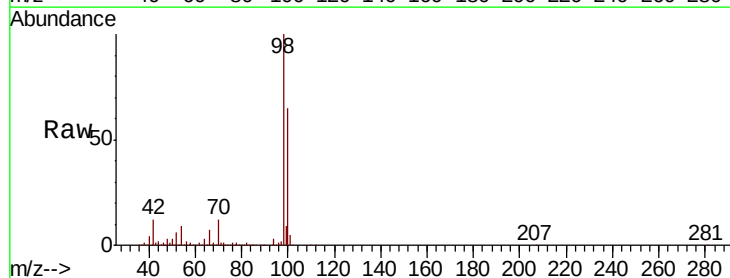


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

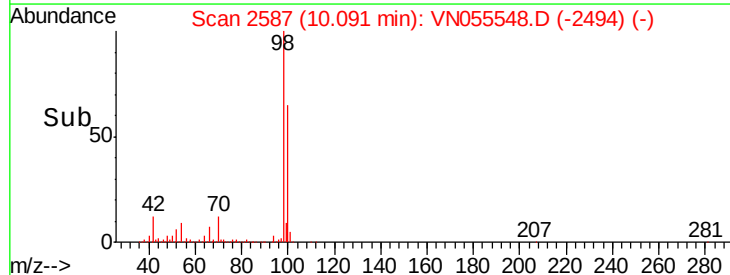
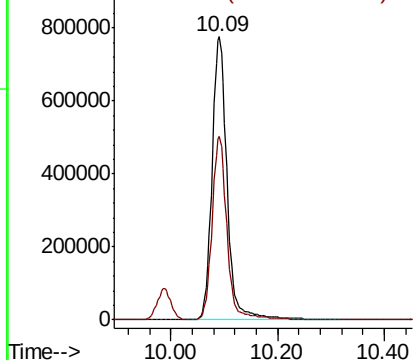


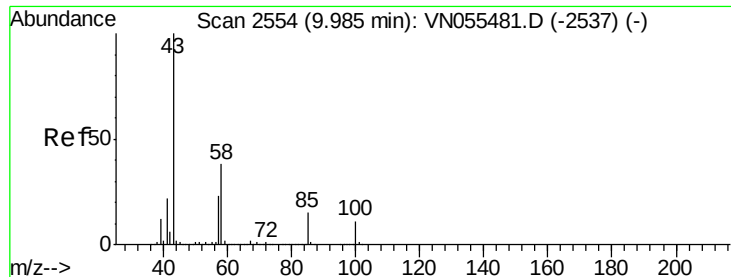
#50
Toluene-d8
Concen: 50.299 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

Tgt Ion: 98 Resp: 1529253
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6



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

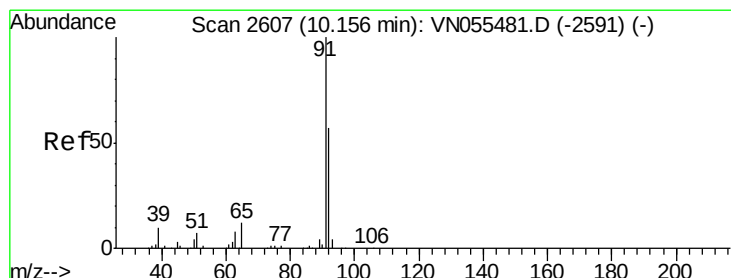
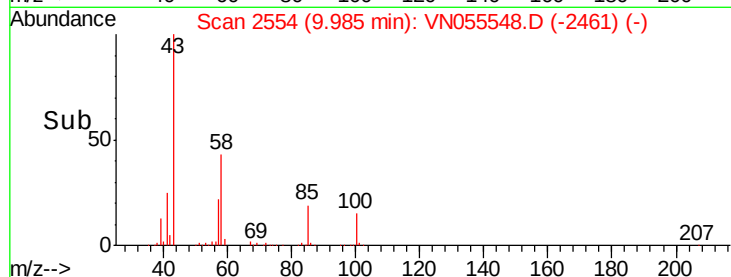
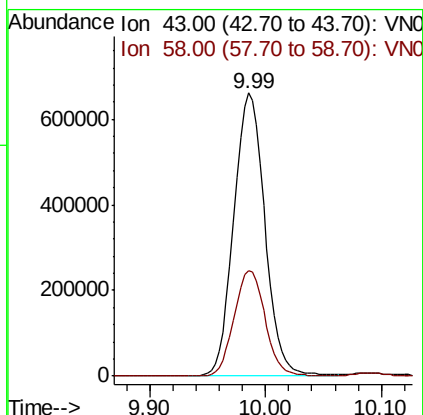
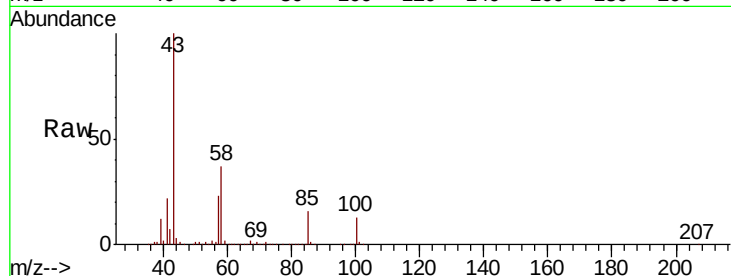




#51
 4-Methyl-2-Pentanone
 Concen: 94.643 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN055548.D
 Acq: 10 May 2019 13:37

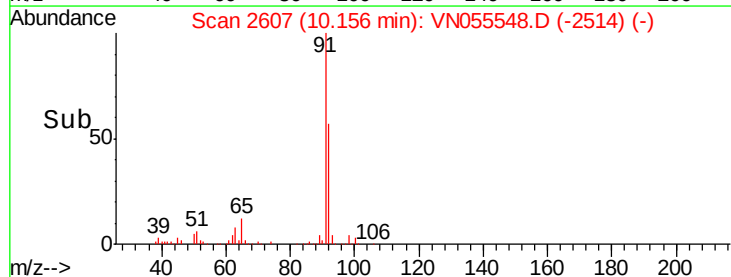
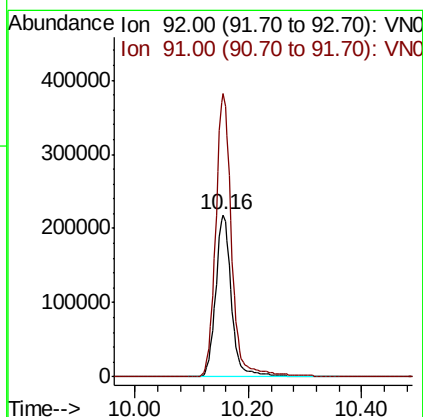
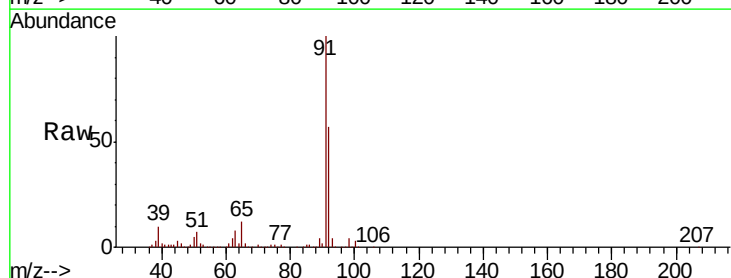
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBSD02

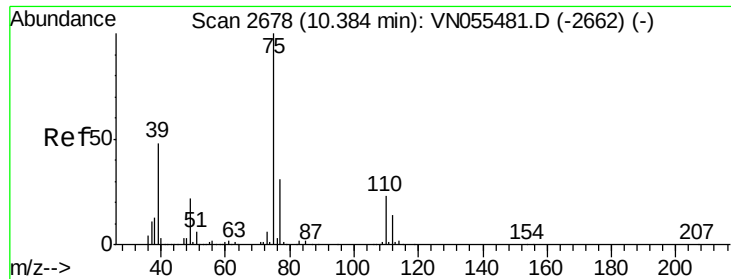
Tot Ion: 43 Resp: 1229113
 Ion Ratio Lower Upper
 43 100
 58 37.4 29.9 44.9



#52
 Toluene
 Concen: 20.018 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN055548.D
 Acq: 10 May 2019 13:37

Tgt Ion: 92 Resp: 423193
 Ion Ratio Lower Upper
 92 100
 91 175.3 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 19.377 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

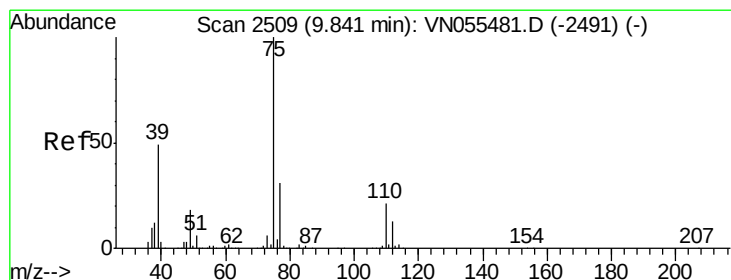
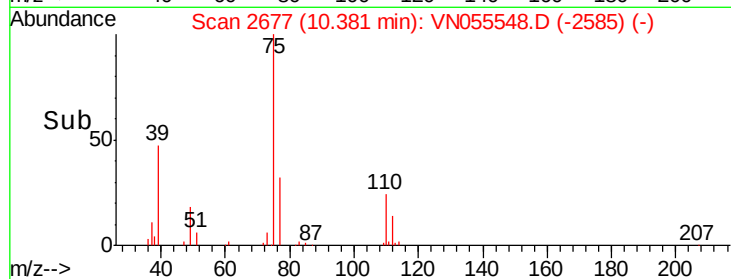
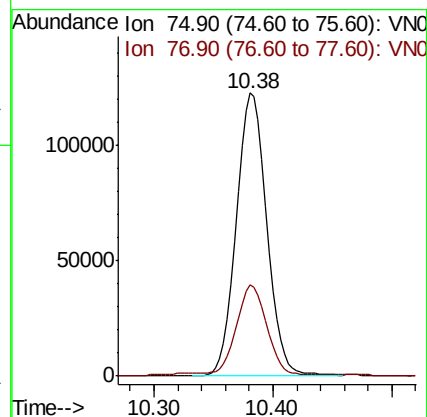
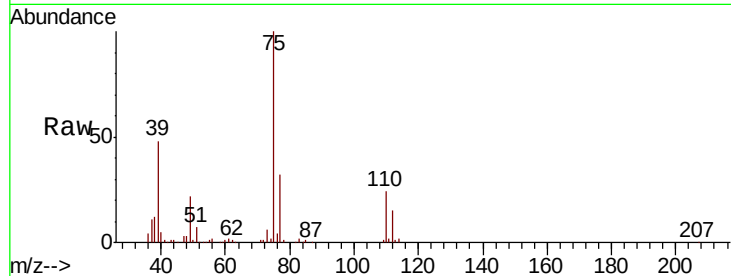
VN0510WBSD02

Tot Ion: 75 Resp: 218351

Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.857 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

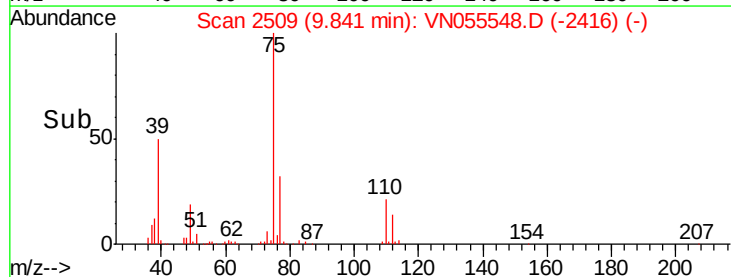
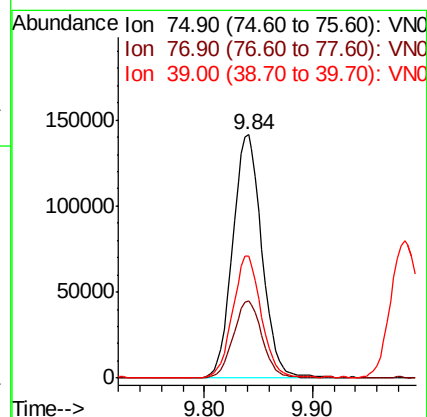
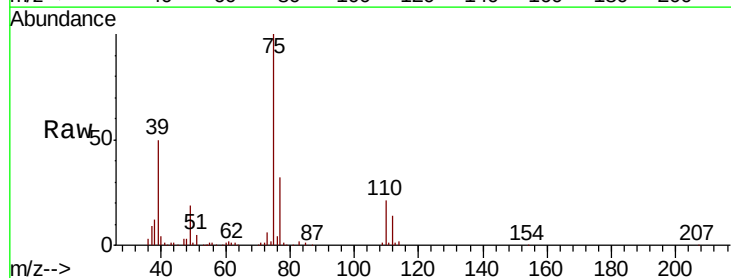
Tgt Ion: 75 Resp: 267378

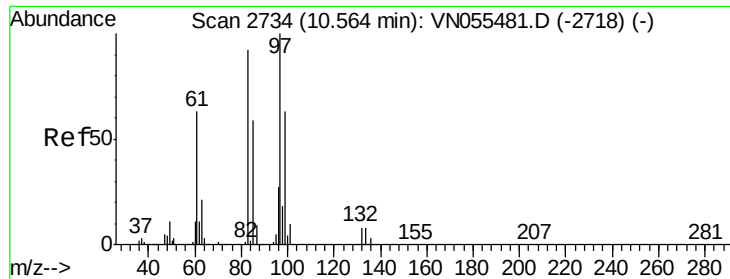
Ion Ratio Lower Upper

75 100

77 31.9 24.4 36.6

39 50.0 39.5 59.3





#55

1,1,2-Trichloroethane

Concen: 19.985 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

Instrument :

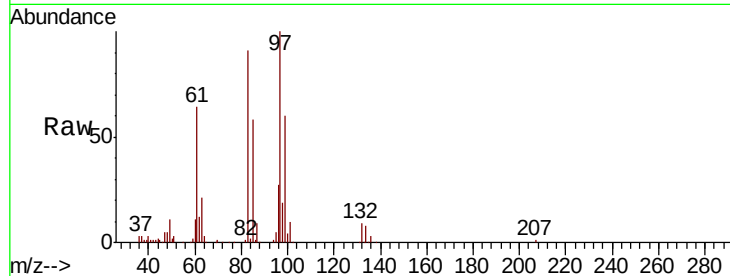
MSVOA_N

ClientSampleId :

VN0510WBSD02

Tot Ion: 97 Resp: 171186

Ion	Ratio	Lower	Upper
97	100		
83	90.7	73.2	109.8
85	57.8	47.5	71.3
99	59.6	50.2	75.2



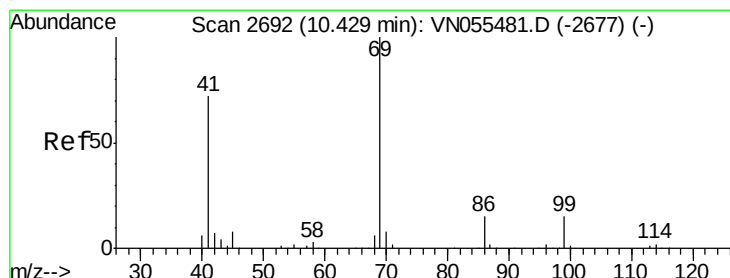
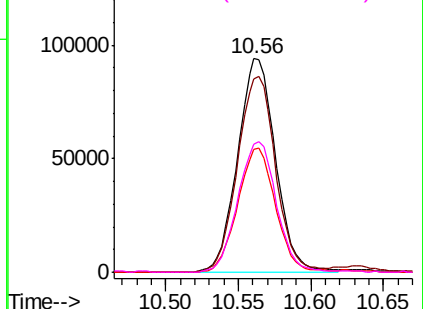
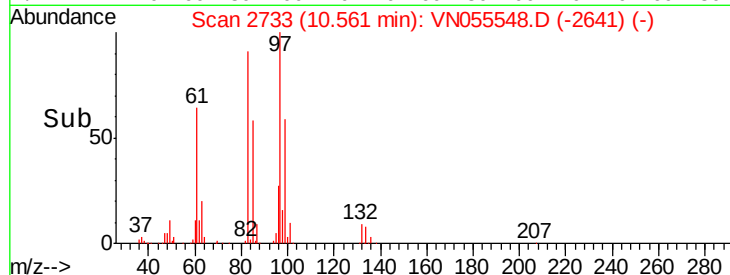
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.974 ug/l

RT: 10.43 min Scan# 2692

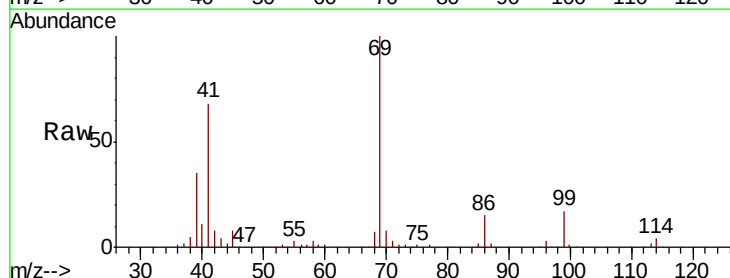
Delta R.T. -0.00 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

Tgt Ion: 69 Resp: 241741

Ion	Ratio	Lower	Upper
69	100		
41	68.9	56.2	84.2
39	33.6	27.8	41.6

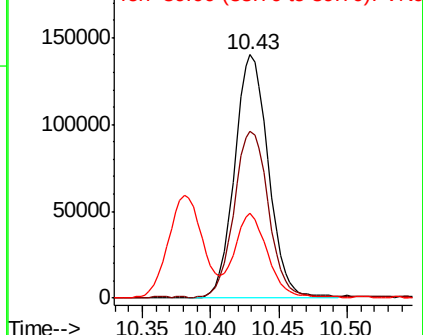
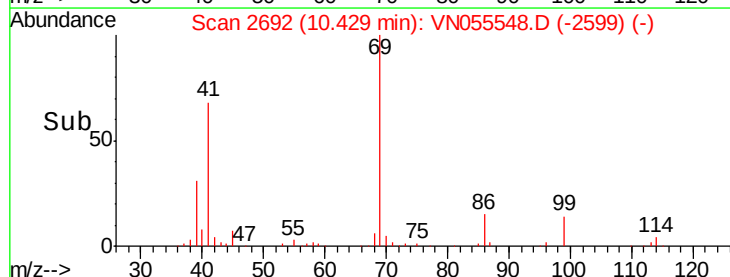


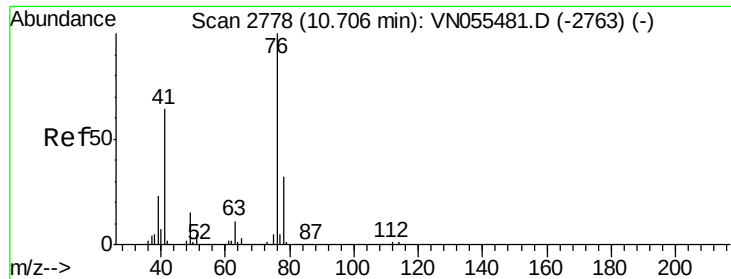
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.842 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

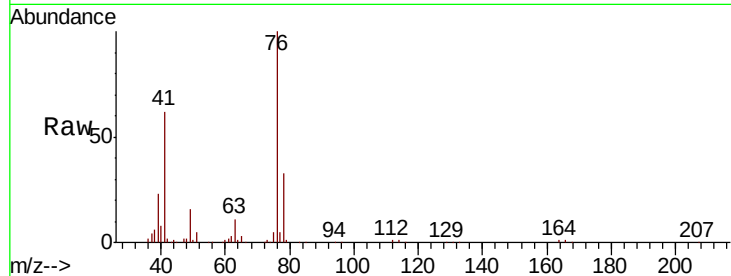
VN0510WBSD02

Tot Ion: 76 Resp: 301736

Ion Ratio Lower Upper

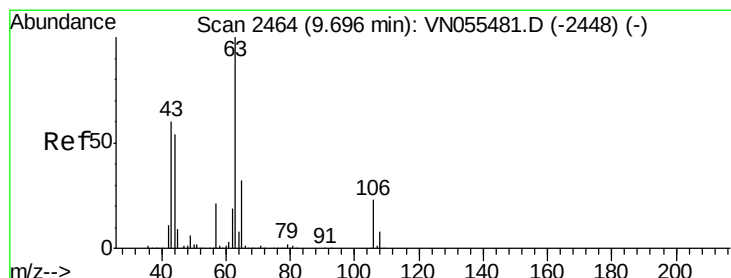
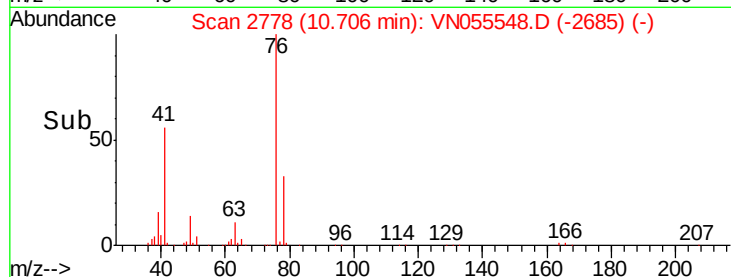
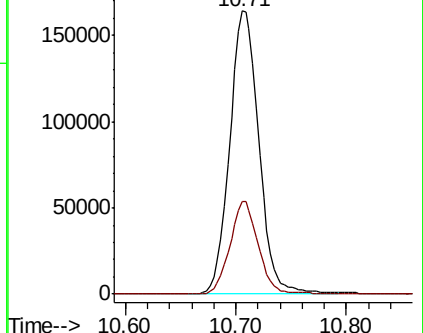
76 100

78 32.0 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 84.170 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055548.D

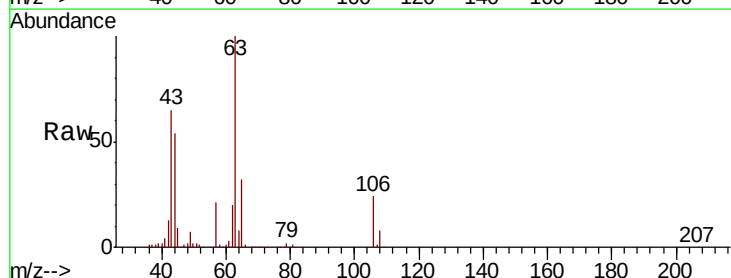
Acq: 10 May 2019 13:37

Tgt Ion: 63 Resp: 323535

Ion Ratio Lower Upper

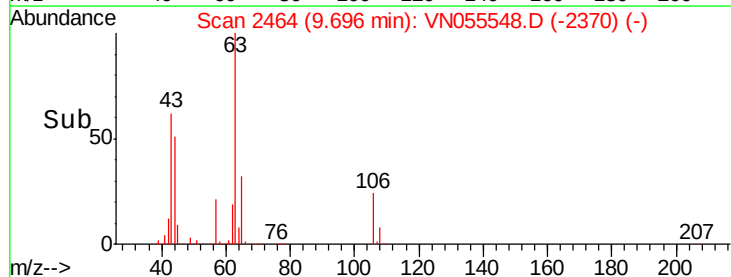
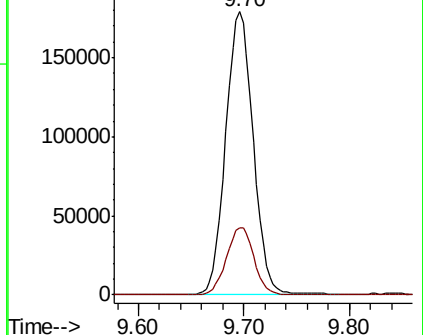
63 100

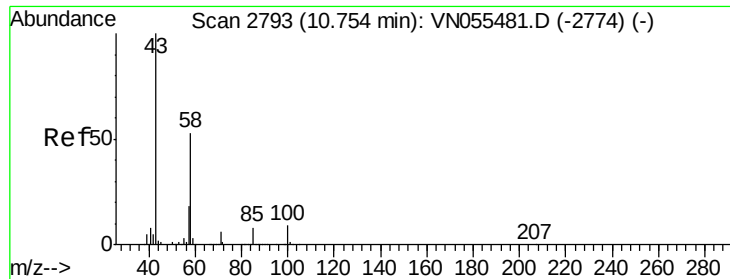
106 23.8 18.6 27.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

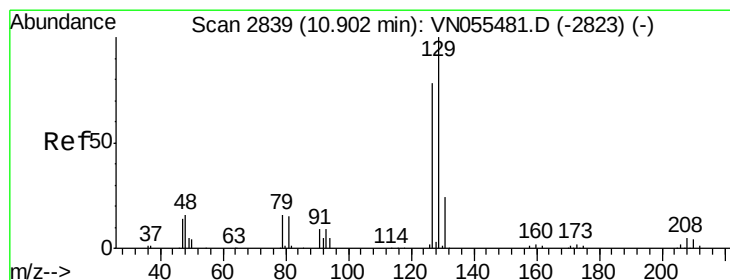
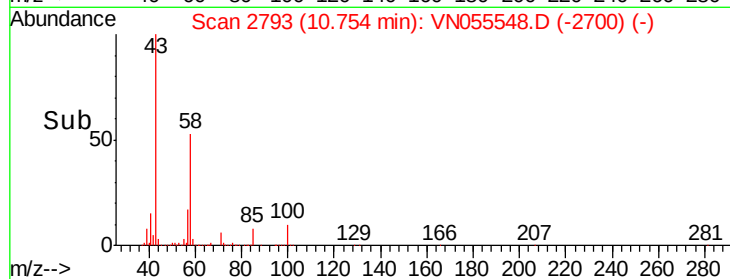
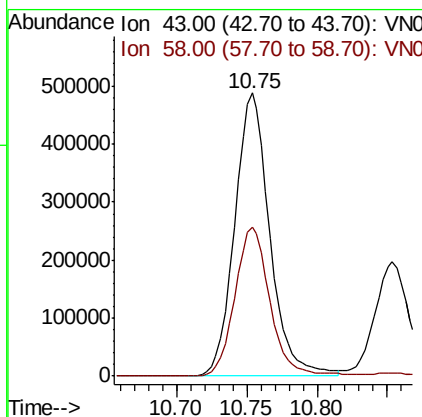
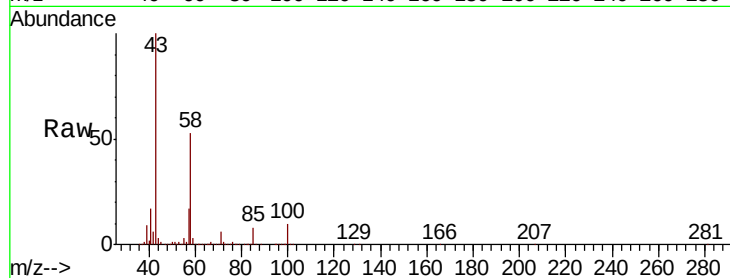




#59
2-Hexanone
Concen: 92.873 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

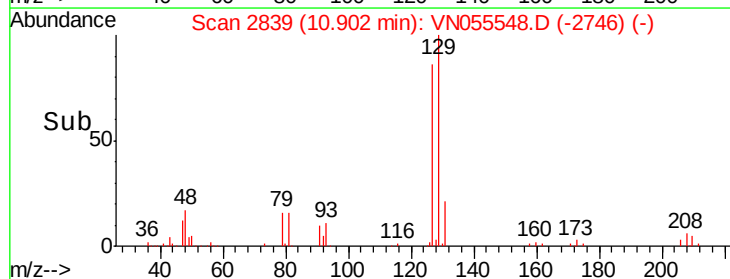
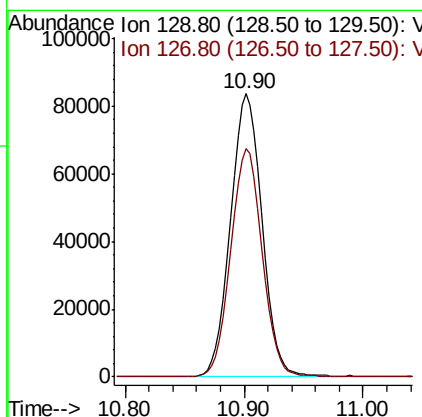
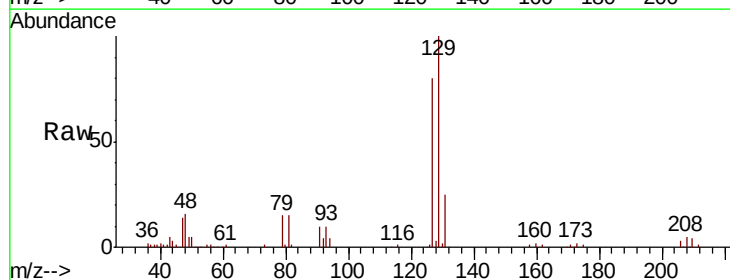
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD02

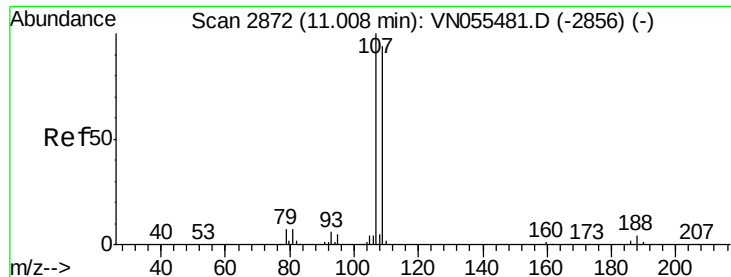
Tot Ion: 43 Resp: 845863
Ion Ratio Lower Upper
43 100
58 52.9 26.4 79.0



#60
Dibromochloromethane
Concen: 19.731 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

Tgt Ion: 129 Resp: 153667
Ion Ratio Lower Upper
129 100
127 80.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.340 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

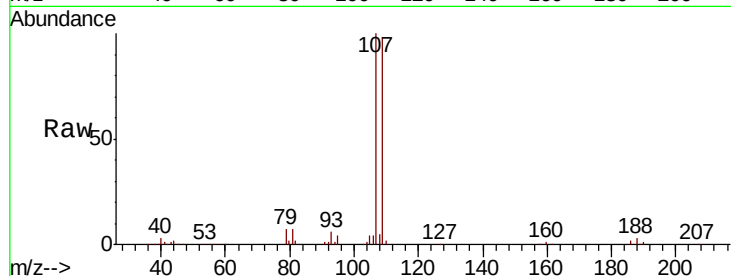
VN0510WBSD02

Tot Ion:107 Resp: 159170

Ion Ratio Lower Upper

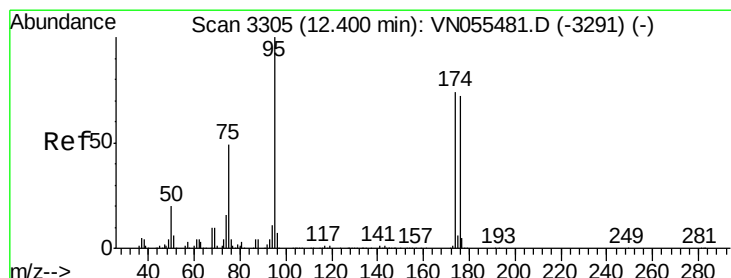
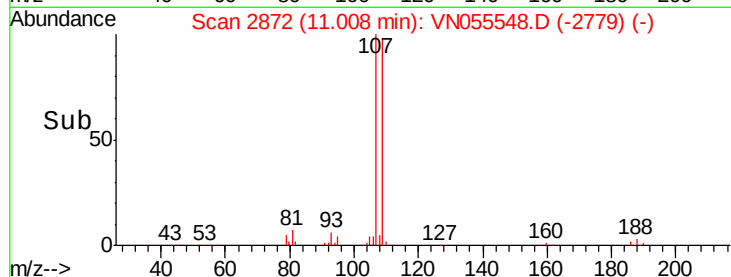
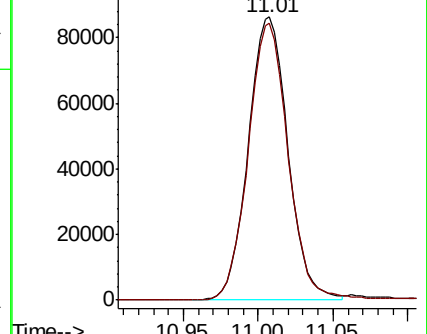
107 100

109 98.4 74.2 111.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.623 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

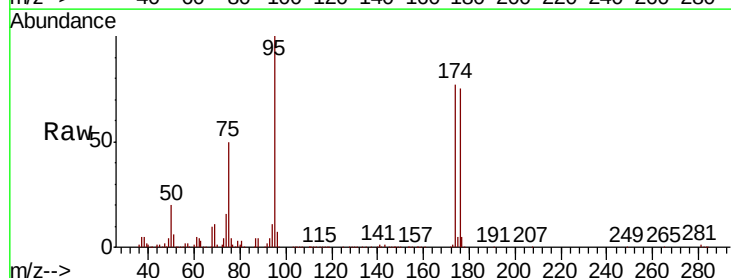
Tgt Ion: 95 Resp: 498465

Ion Ratio Lower Upper

95 100

174 78.2 0.0 152.2

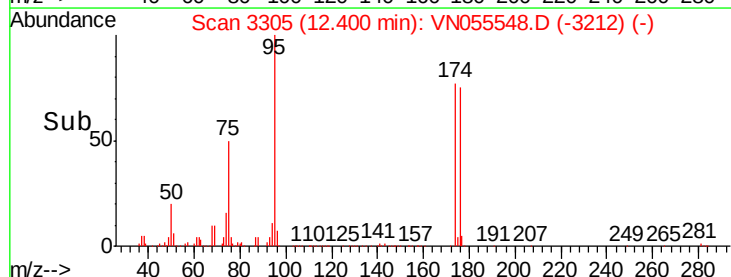
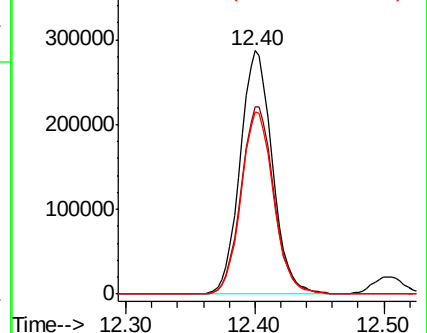
176 75.4 0.0 147.8

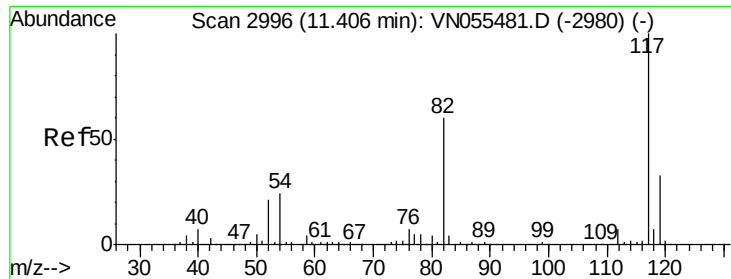


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

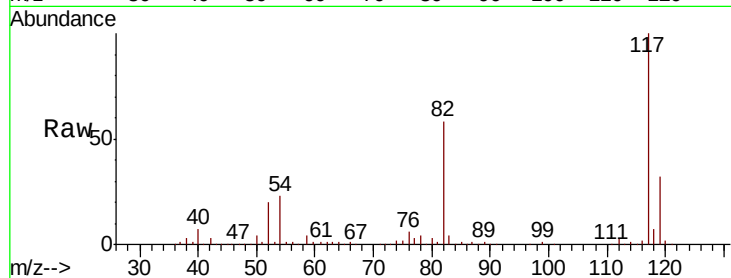




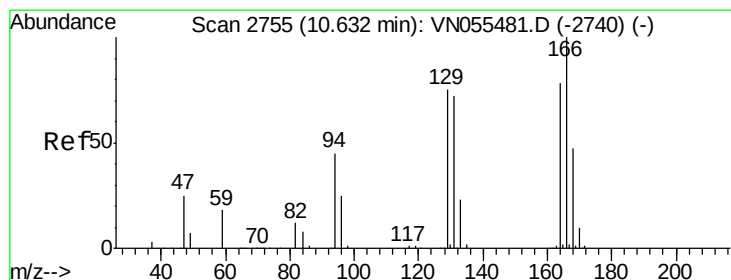
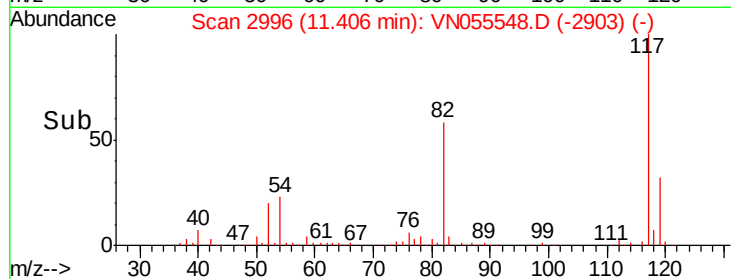
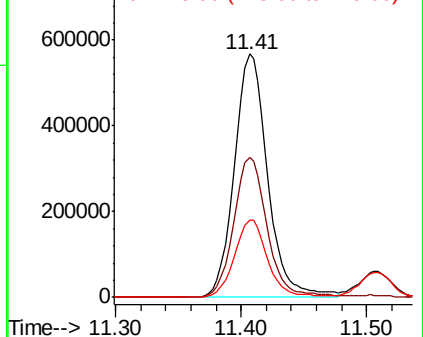
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD02

Tot Ion:117 Resp: 1046760
Ion Ratio Lower Upper
117 100
82 57.7 48.0 72.0
119 31.9 26.0 39.0

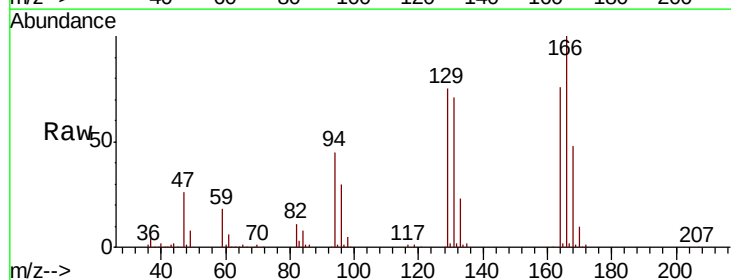


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

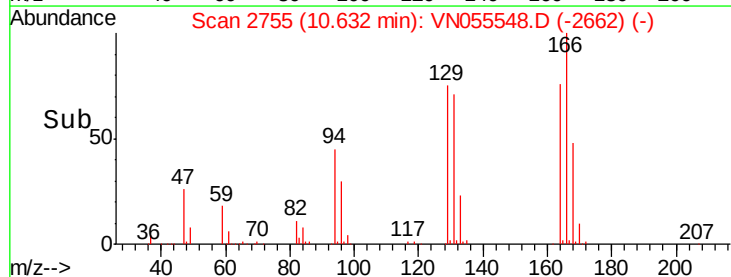
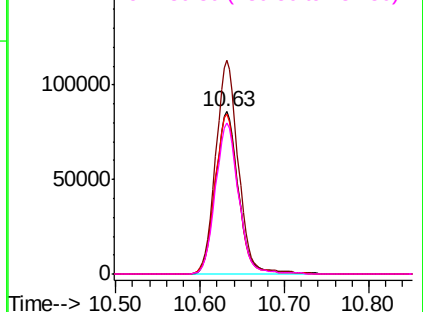


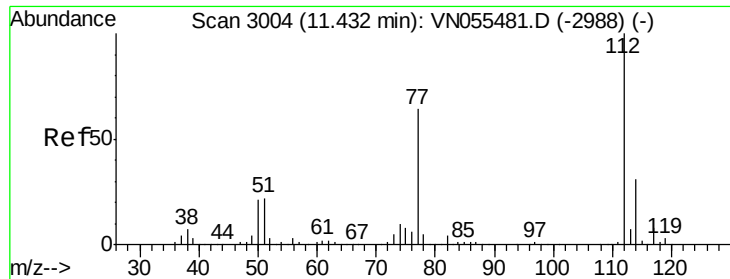
#64
Tetrachloroethene
Concen: 19.081 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

Tgt Ion:164 Resp: 163659
Ion Ratio Lower Upper
164 100
166 131.8 102.6 153.8
129 98.5 77.0 115.6
131 93.1 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

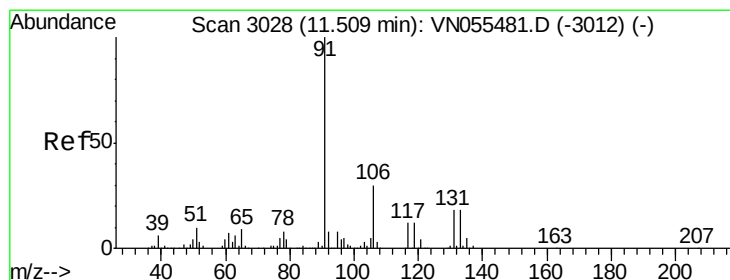
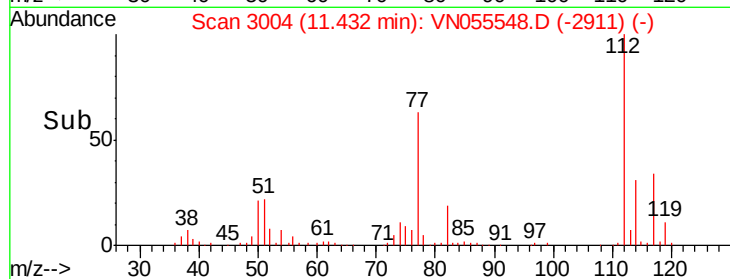
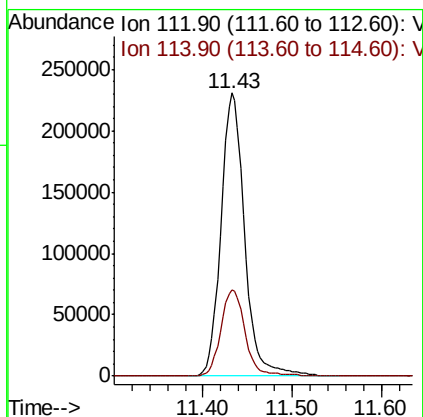
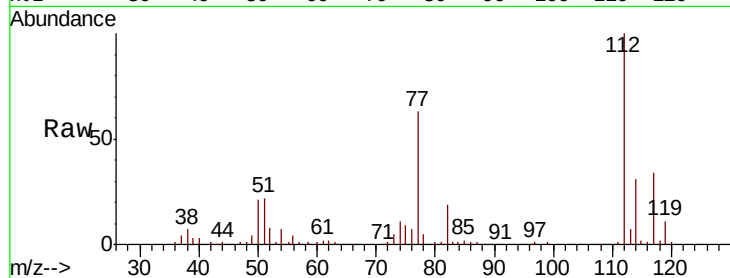




#65
Chlorobenzene
Concen: 19.665 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

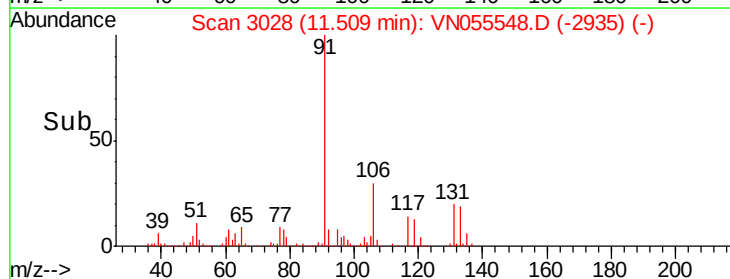
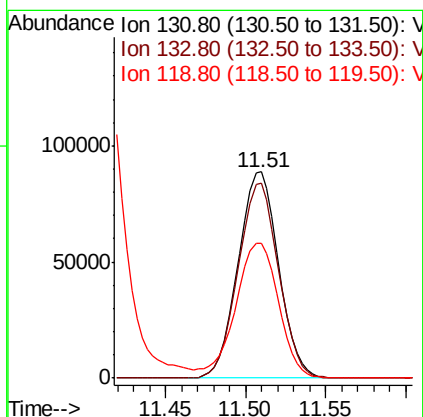
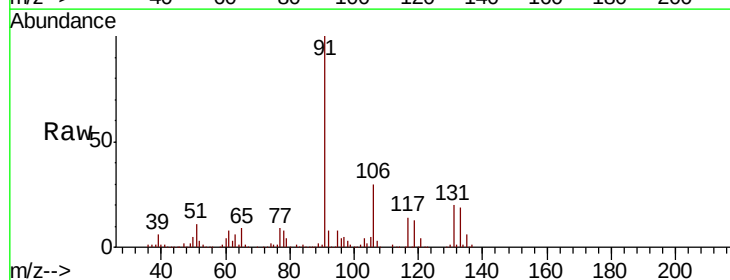
Instrument :
MSVOA_N
ClientSampled :
VN0510WBSD02

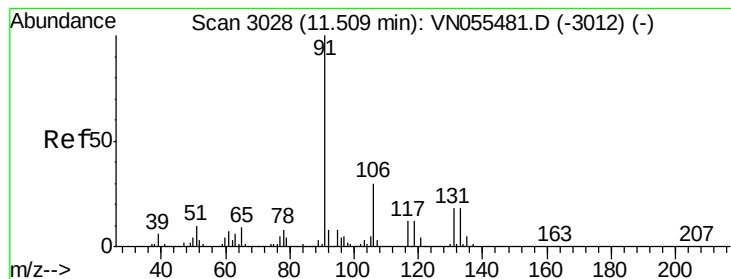
Tot Ion:112 Resp: 423489
Ion Ratio Lower Upper
112 100
114 30.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.610 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

Tgt Ion:131 Resp: 152803
Ion Ratio Lower Upper
131 100
133 94.8 47.4 142.2
119 69.2 34.1 102.2





#67

Ethyl Benzene

Concen: 19.075 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

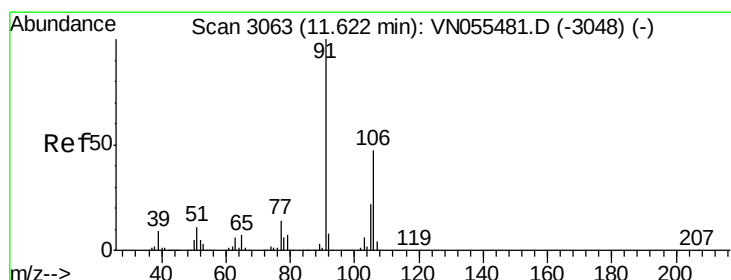
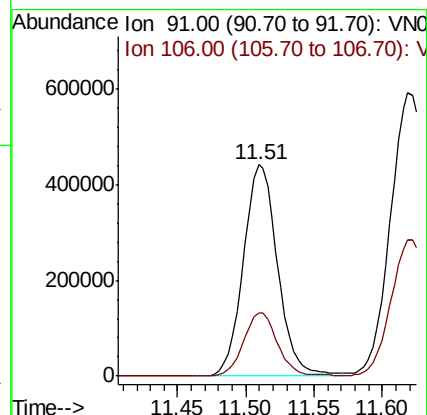
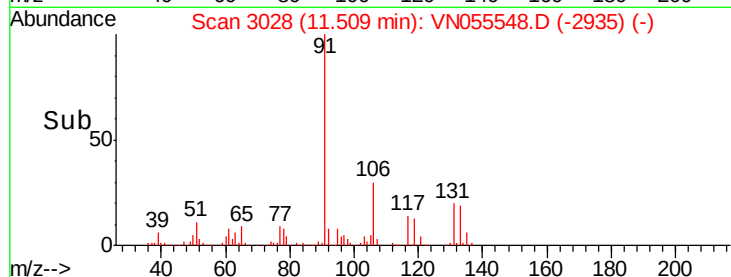
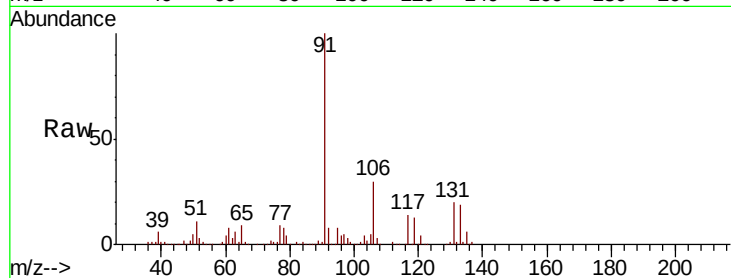
VN0510WBSD02

Tot Ion: 91 Resp: 771528

Ion Ratio Lower Upper

91 100

106 30.2 23.8 35.6



#68

m/p-Xylenes

Concen: 39.203 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN055548.D

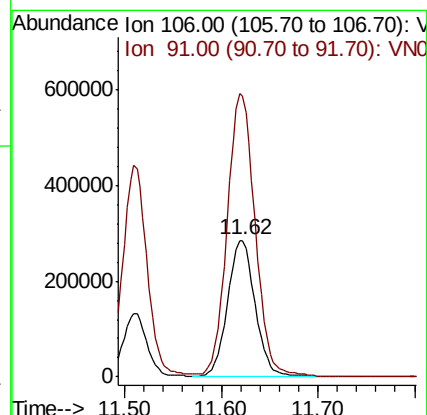
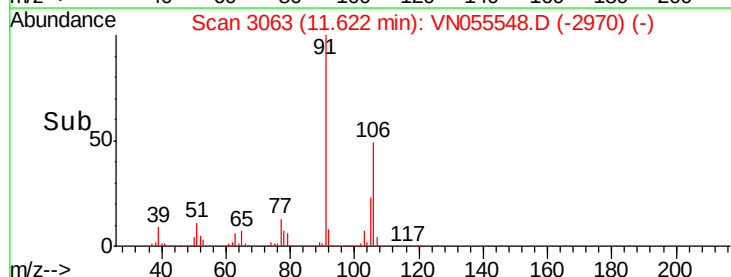
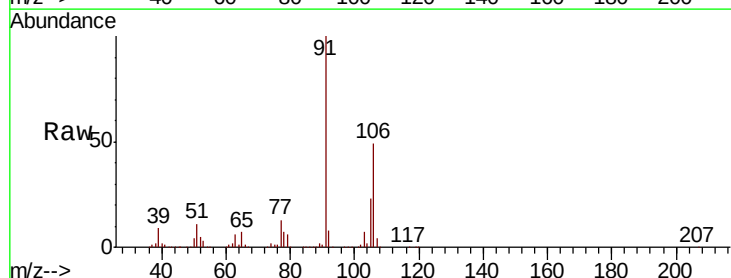
Acq: 10 May 2019 13:37

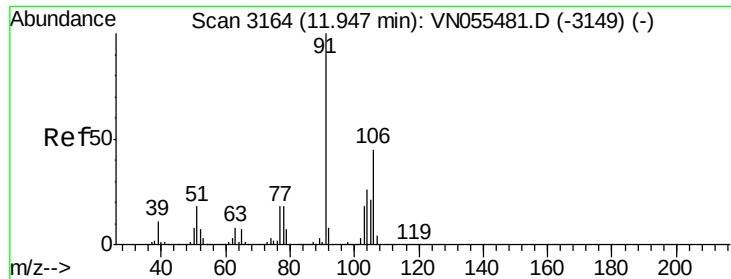
Tgt Ion: 106 Resp: 569047

Ion Ratio Lower Upper

106 100

91 209.2 169.2 253.8

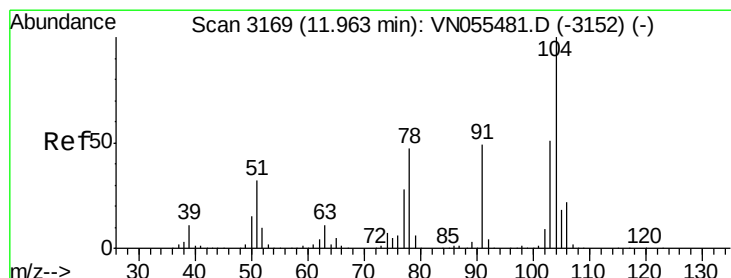
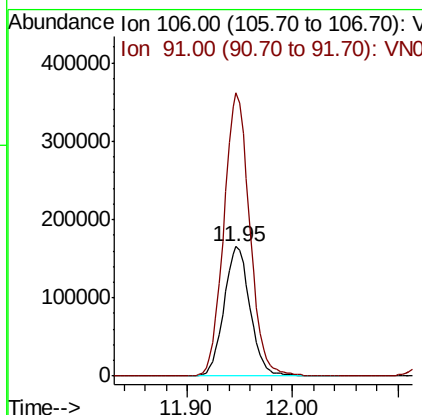
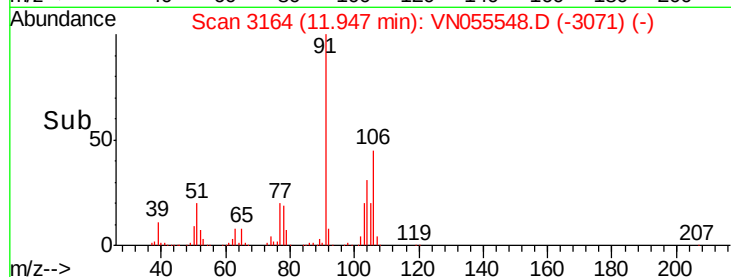
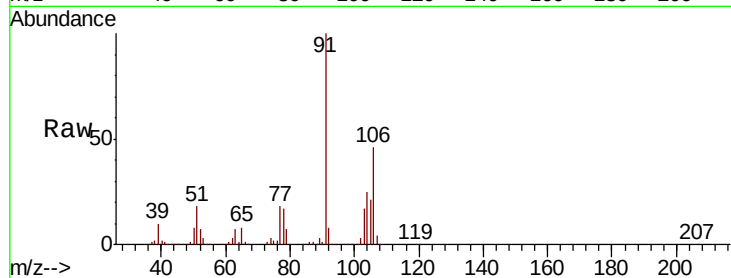




#69
o-Xylene
Concen: 19.860 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

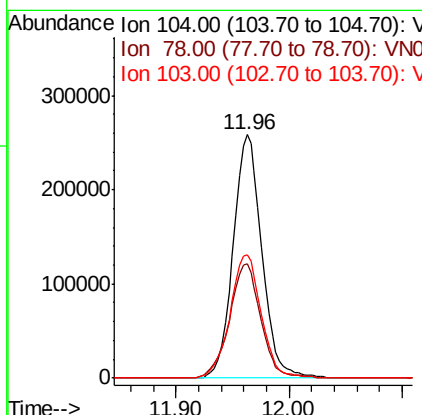
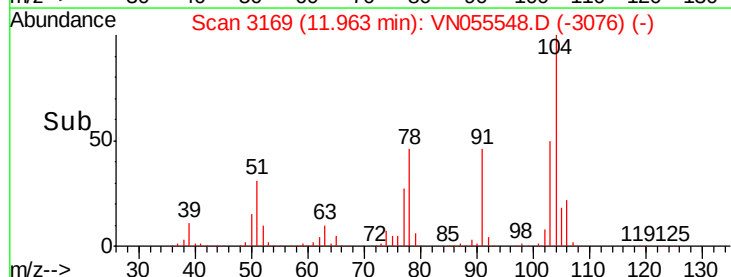
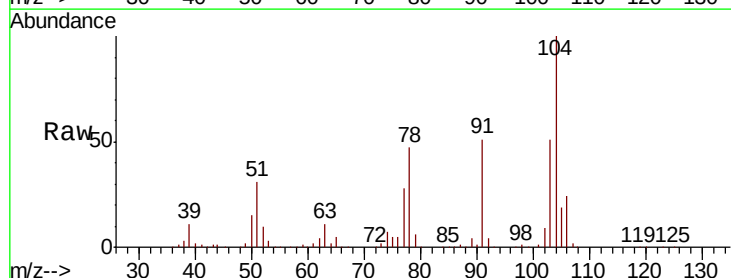
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD02

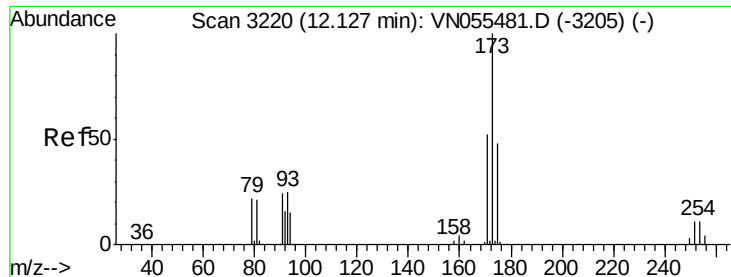
Tot Ion:106 Resp: 283341
Ion Ratio Lower Upper
106 100
91 216.4 111.3 333.8



#70
Styrene
Concen: 19.918 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

Tgt Ion:104 Resp: 455258
Ion Ratio Lower Upper
104 100
78 51.3 41.6 62.4
103 55.5 44.4 66.6





#71

Bromoform

Concen: 20.273 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBSD02

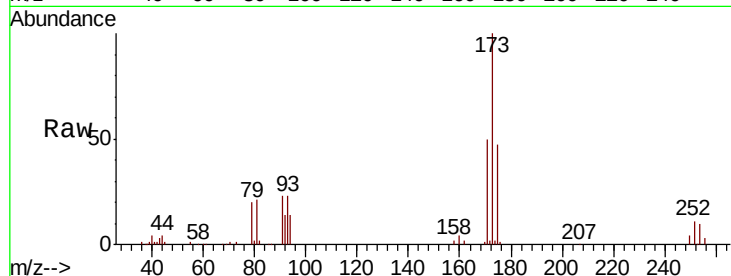
Tot Ion:173 Resp: 101425

Ion Ratio Lower Upper

173 100

175 47.3 24.1 72.4

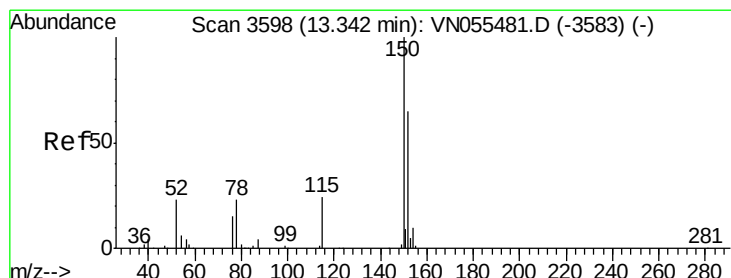
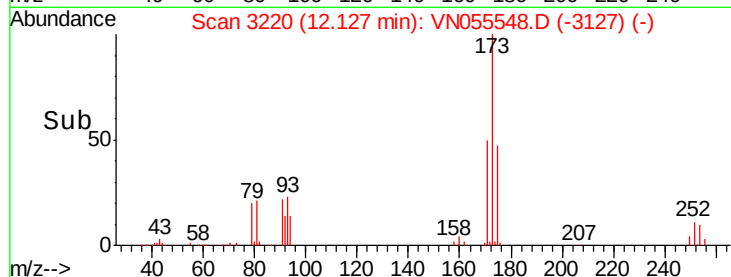
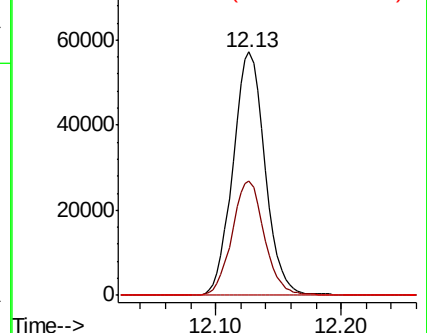
254 0.0 0.1 0.1#



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: VN055548.D

Acq: 10 May 2019 13:37

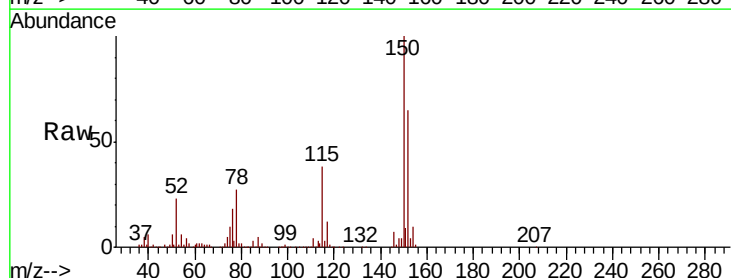
Tgt Ion:152 Resp: 406577

Ion Ratio Lower Upper

152 100

115 58.2 30.1 90.5

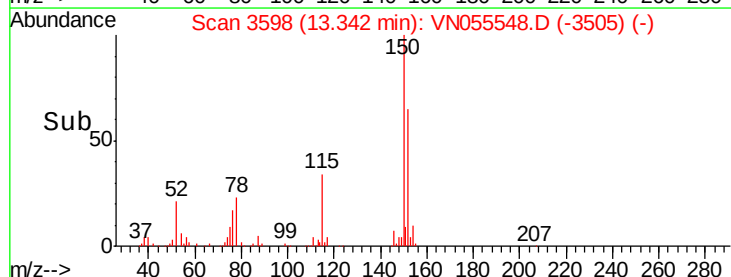
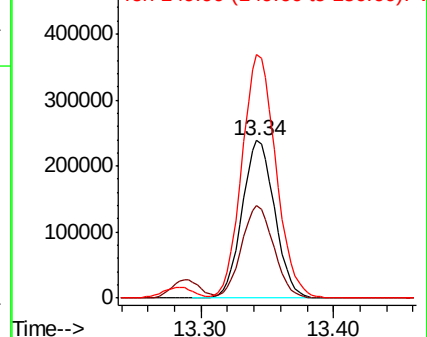
150 161.2 0.0 355.0

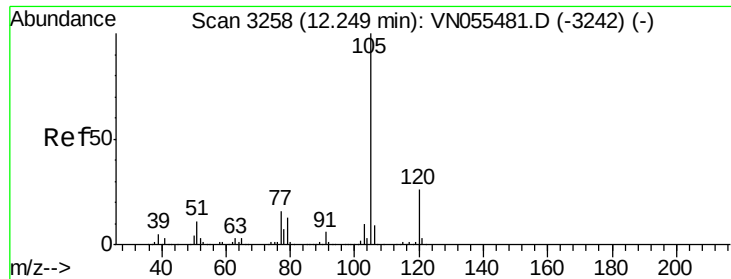


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.789 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

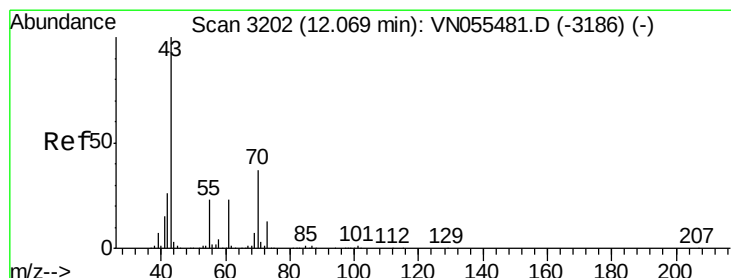
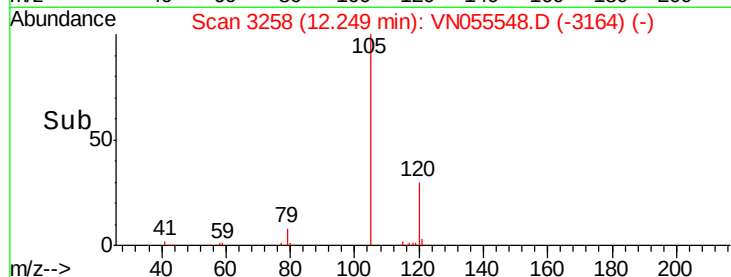
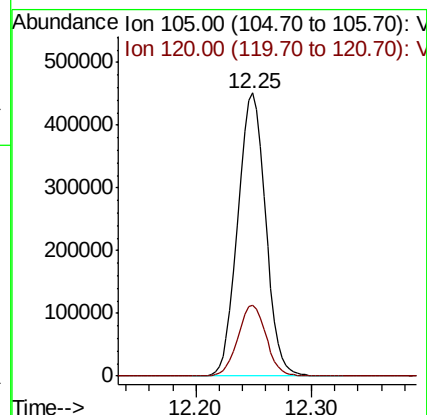
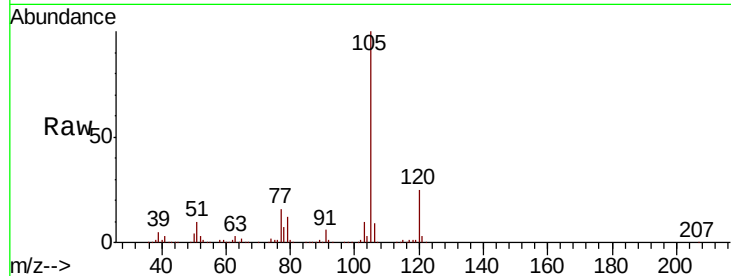
VN0510WBSD02

Tot Ion:105 Resp: 746020

Ion Ratio Lower Upper

105 100

120 25.4 13.0 39.0



#74

N-ethyl acetate

Concen: 18.595 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

Tgt Ion: 43 Resp: 287029

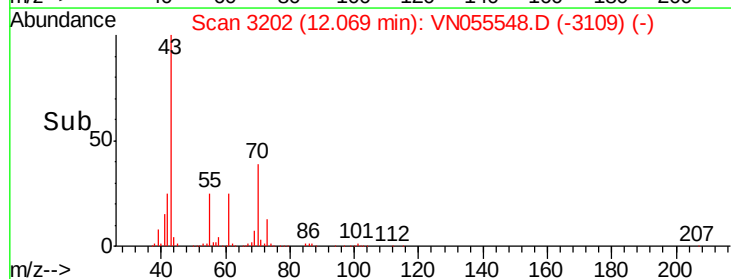
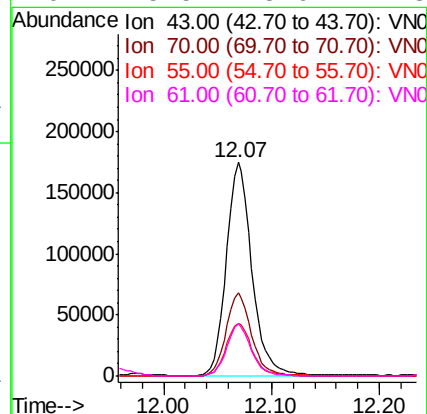
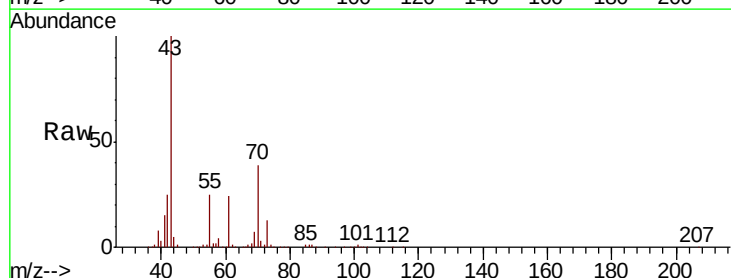
Ion Ratio Lower Upper

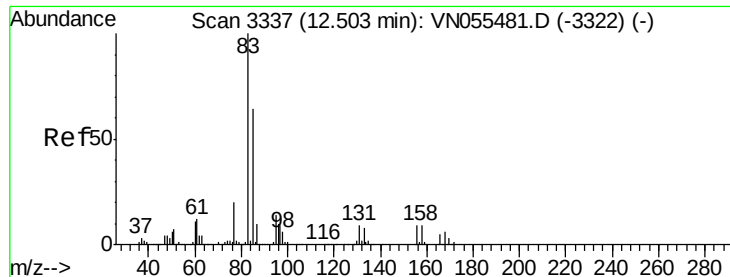
43 100

70 39.0 30.7 46.1

55 25.3 19.3 28.9

61 23.5 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.684 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBSD02

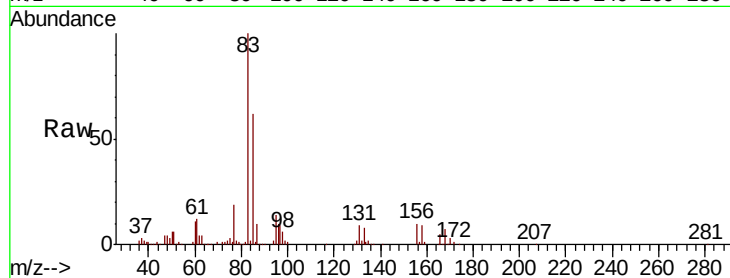
Tot Ion: 83 Resp: 241086

Ion Ratio Lower Upper

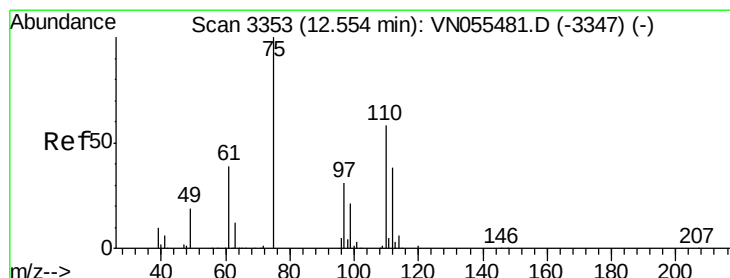
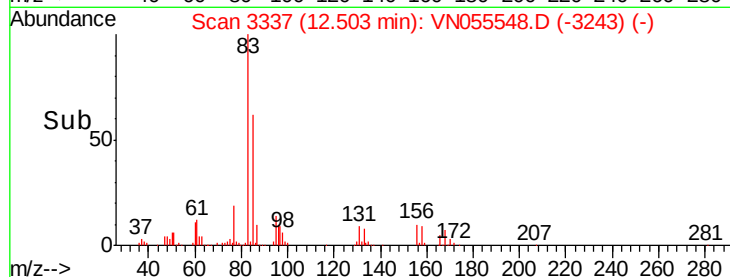
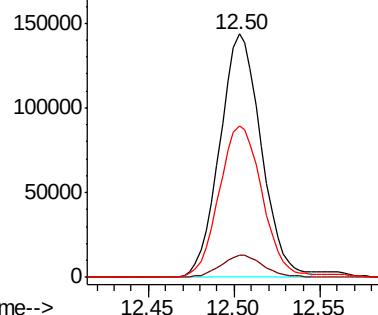
83 100

131 9.3 4.5 13.5

85 64.6 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: 25.958 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055548.D

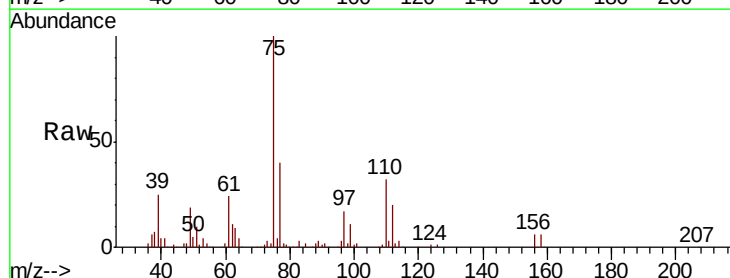
Acq: 10 May 2019 13:37

Tgt Ion: 75 Resp: 287317

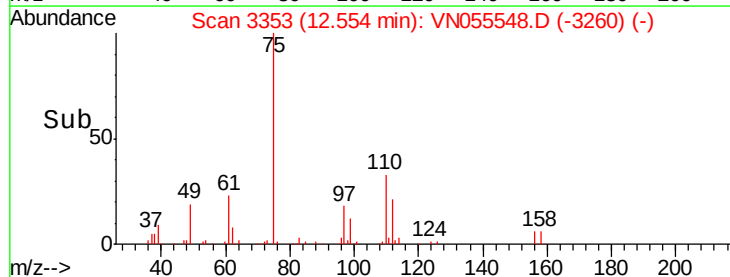
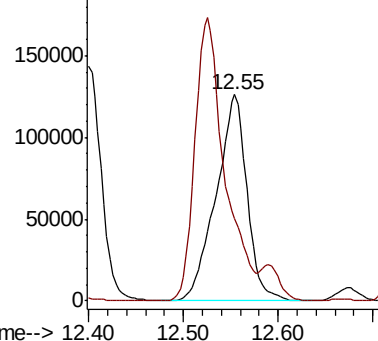
Ion Ratio Lower Upper

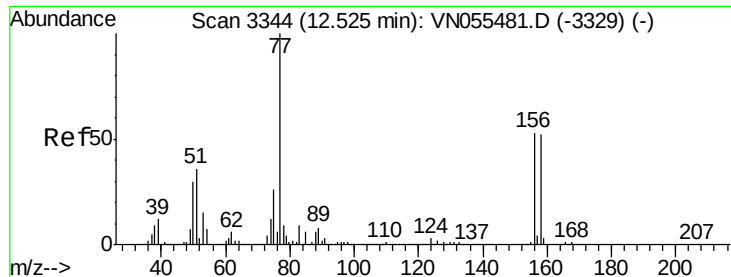
75 100

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: 19.300 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBSD02

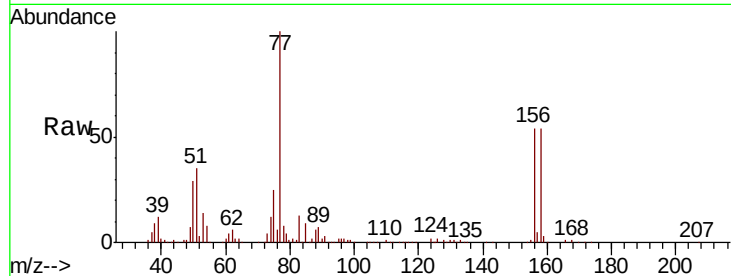
Tot Ion:156 Resp: 172931

Ion Ratio Lower Upper

156 100

77 219.3 115.4 346.2

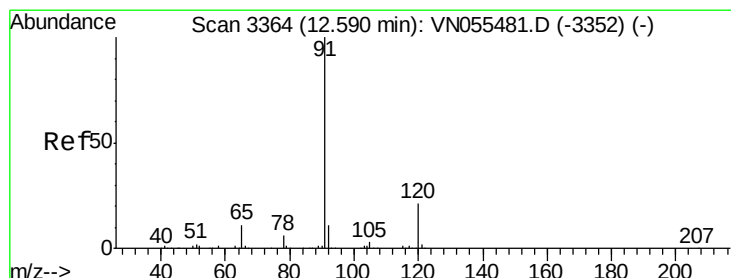
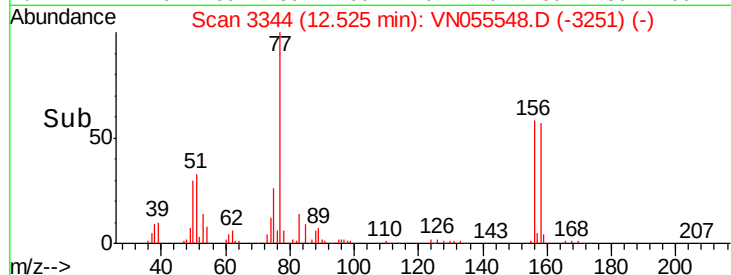
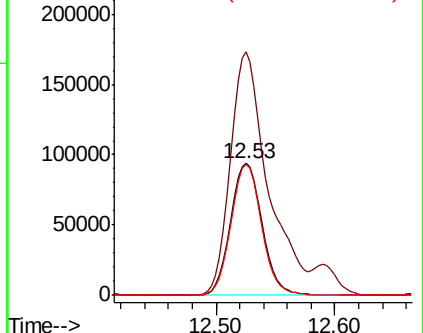
158 96.1 48.7 146.1



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: 18.687 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN055548.D

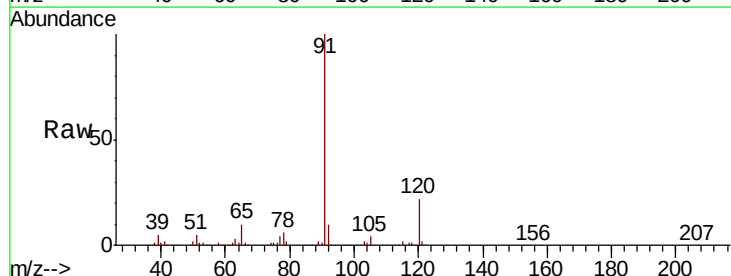
Acq: 10 May 2019 13:37

Tgt Ion: 91 Resp: 814913

Ion Ratio Lower Upper

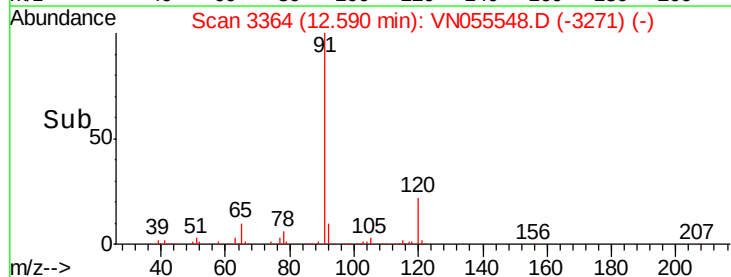
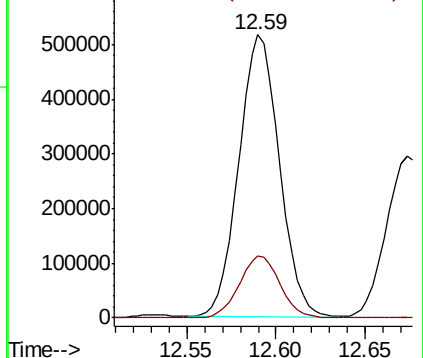
91 100

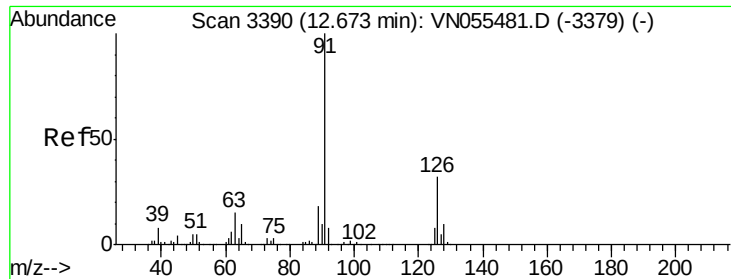
120 22.0 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.667 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

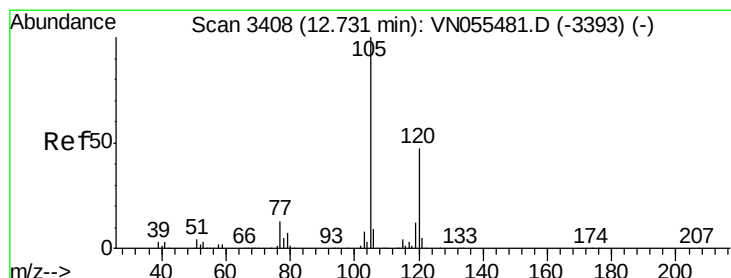
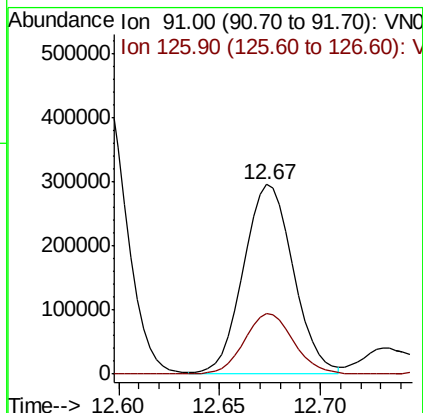
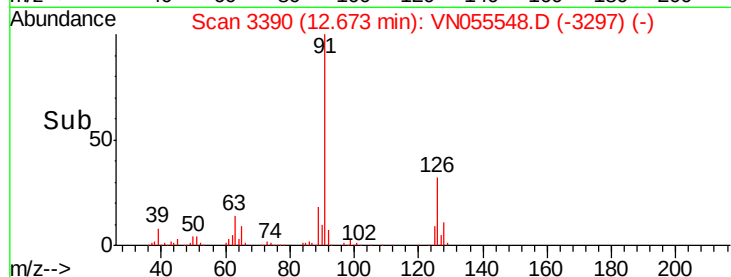
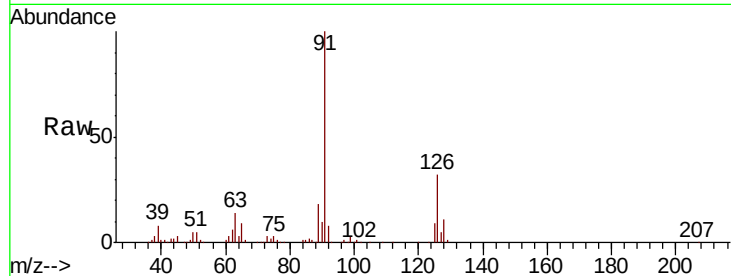
VN0510WBSD02

Tot Ion: 91 Resp: 507306

Ion Ratio Lower Upper

91 100

126 32.0 16.0 47.9



#80

1,3,5-Trimethylbenzene

Concen: 18.772 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055548.D

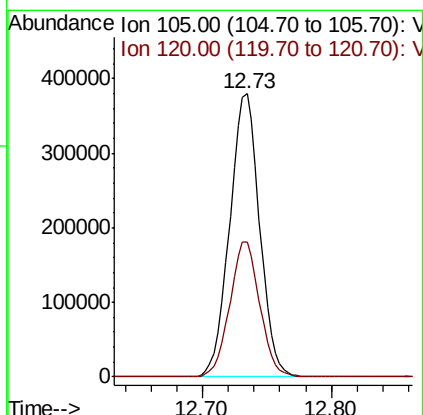
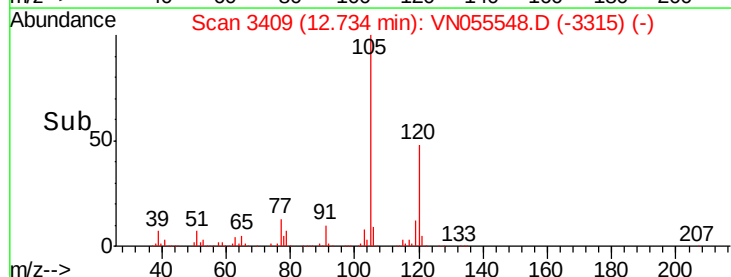
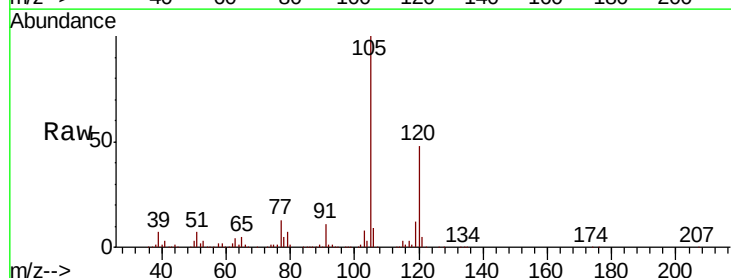
Acq: 10 May 2019 13:37

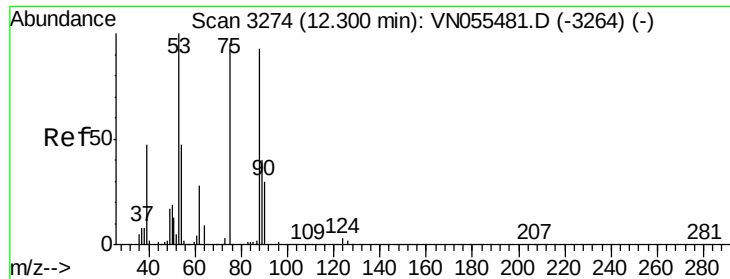
Tgt Ion: 105 Resp: 610402

Ion Ratio Lower Upper

105 100

120 47.9 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.908 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBSD02

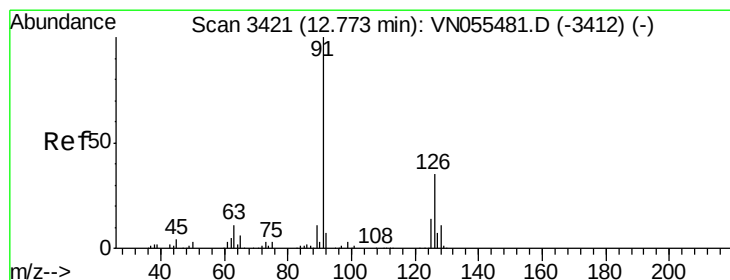
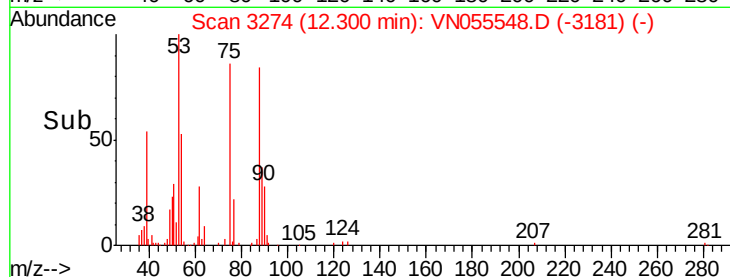
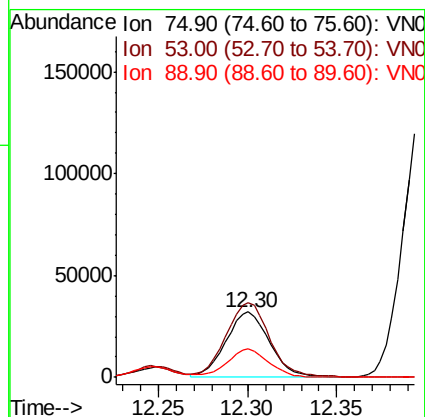
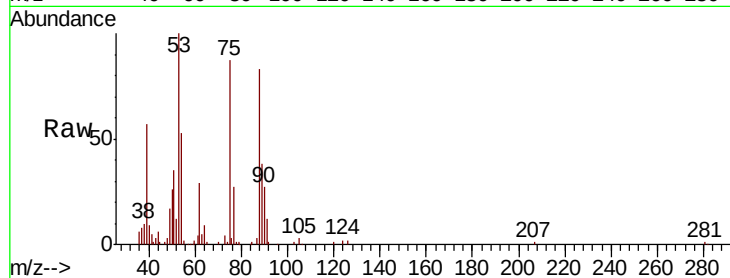
Tot Ion: 75 Resp: 53718

Ion Ratio Lower Upper

75 100

53 116.9 86.5 129.7

89 42.0 35.7 53.5



#82

4-Chlorotoluene

Concen: 18.595 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN055548.D

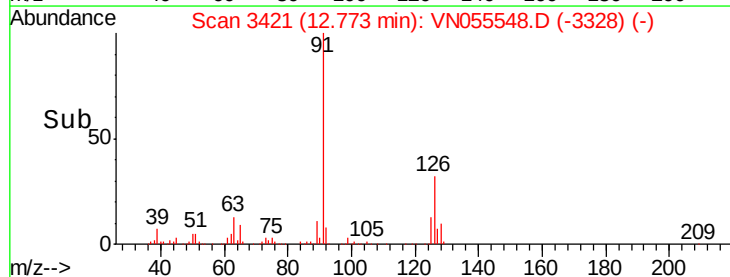
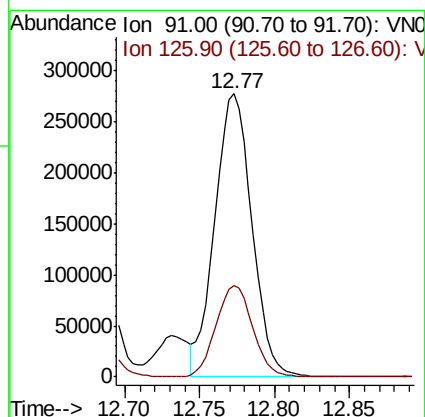
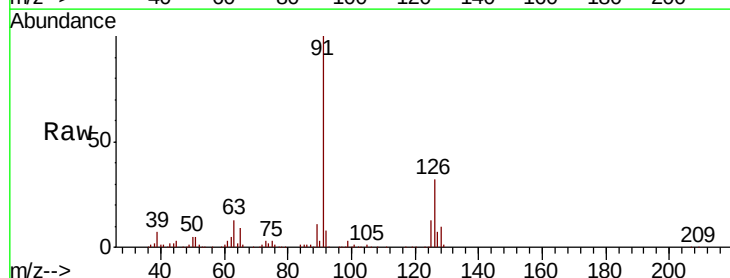
Acq: 10 May 2019 13:37

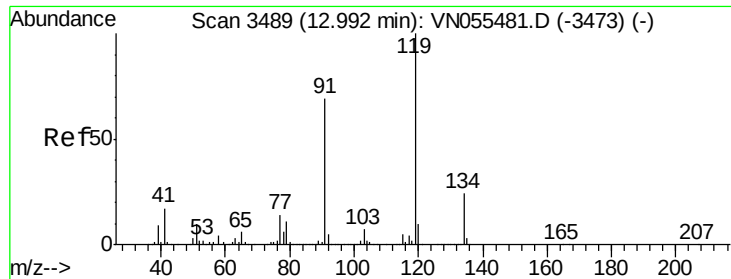
Tgt Ion: 91 Resp: 477516

Ion Ratio Lower Upper

91 100

126 32.2 15.7 47.0

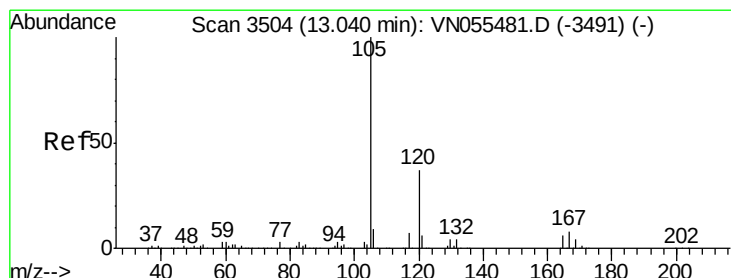
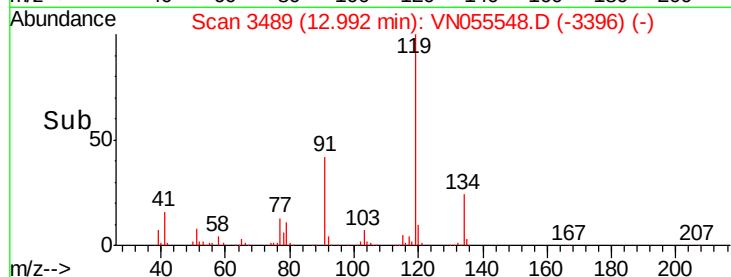
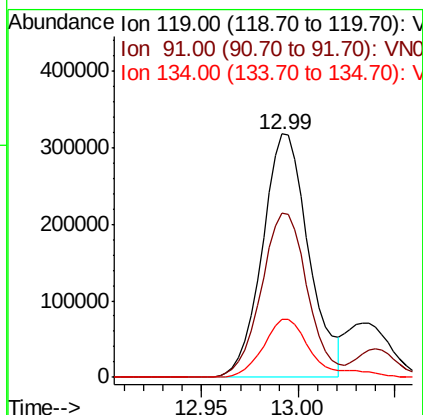
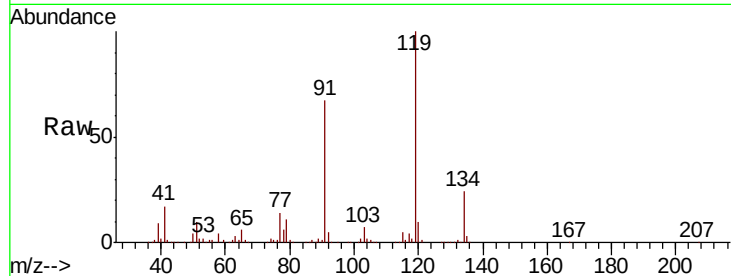




#83
 tert-Butylbenzene
 Concen: 19.023 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN055548.D
 Acq: 10 May 2019 13:37

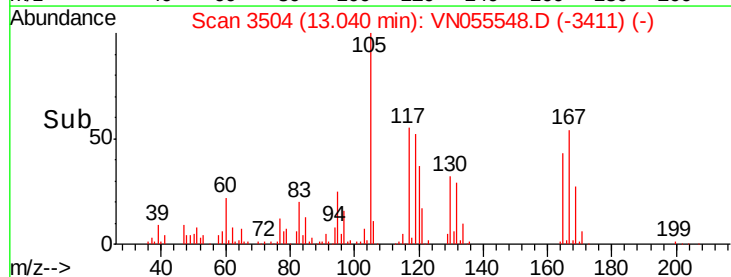
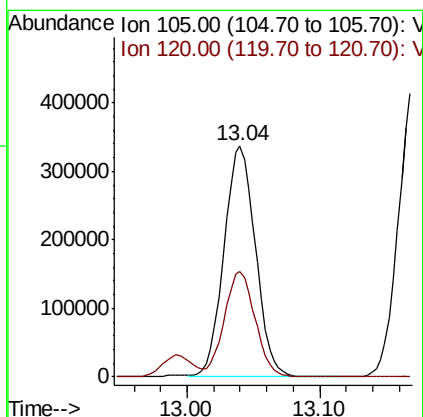
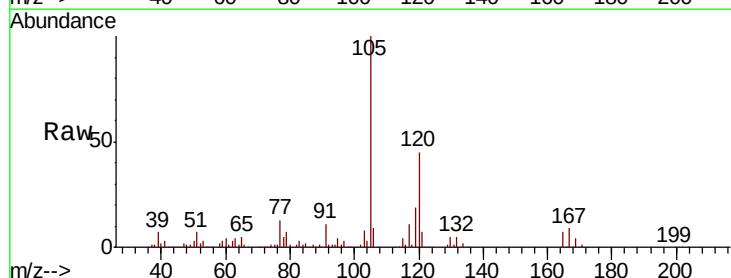
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBSD02

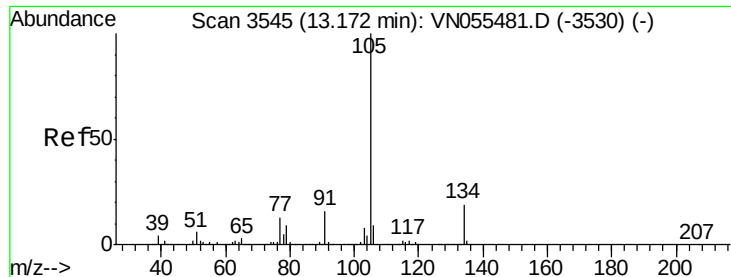
Tot Ion:119 Resp: 530206
 Ion Ratio Lower Upper
 119 100
 91 67.7 33.8 101.3
 134 25.3 12.5 37.5



#84
 1,2,4-Trimethylbenzene
 Concen: 18.567 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN055548.D
 Acq: 10 May 2019 13:37

Tgt Ion:105 Resp: 553683
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.1 66.5





#85

sec-Butylbenzene

Concen: 18.635 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

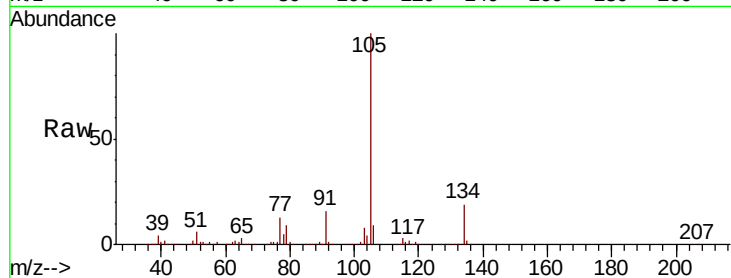
VN0510WBSD02

Tot Ion:105 Resp: 690279

Ion Ratio Lower Upper

105 100

134 19.1 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

400000

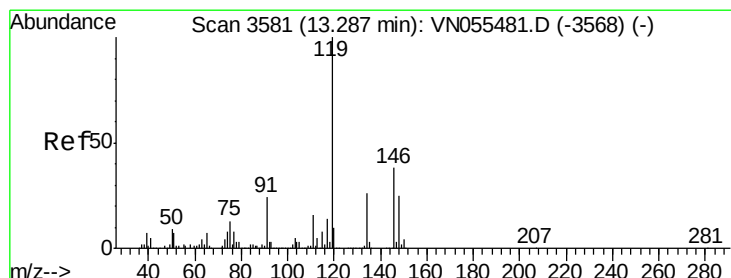
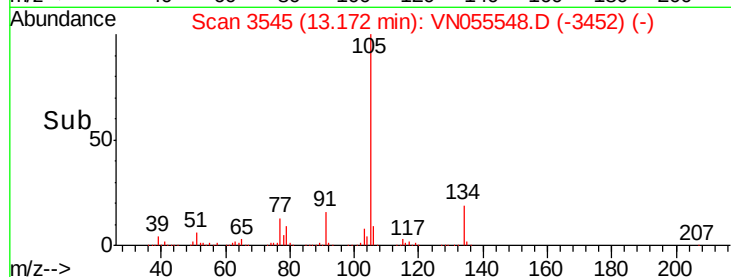
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.411 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

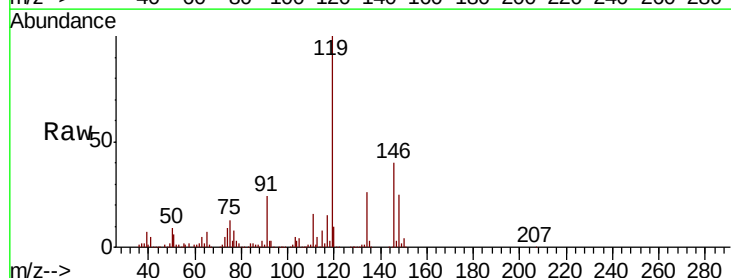
Tgt Ion:119 Resp: 555023

Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

91 23.9 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

13.29

400000

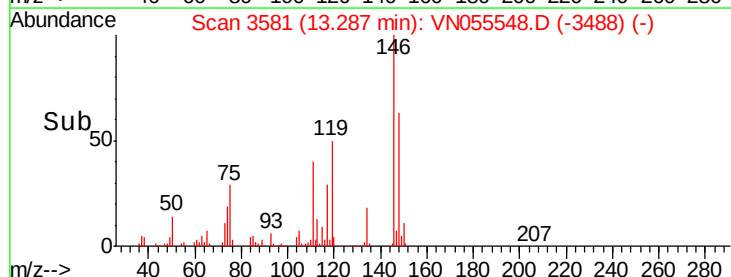
300000

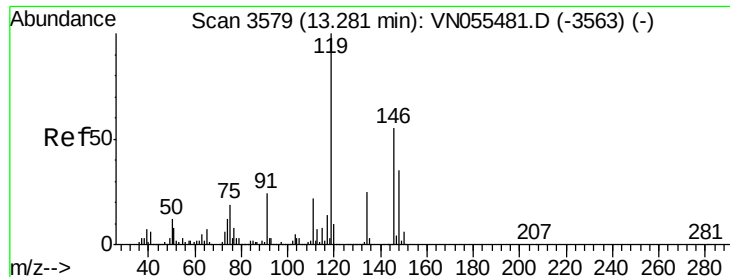
200000

100000

0

Time-->

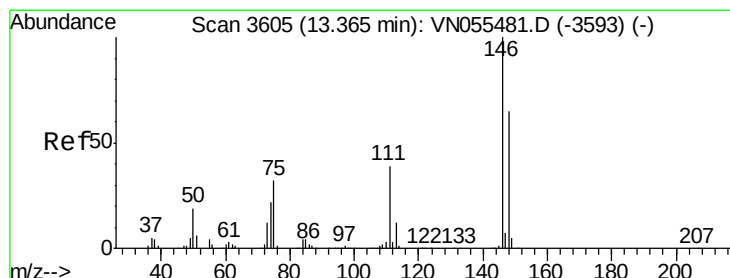
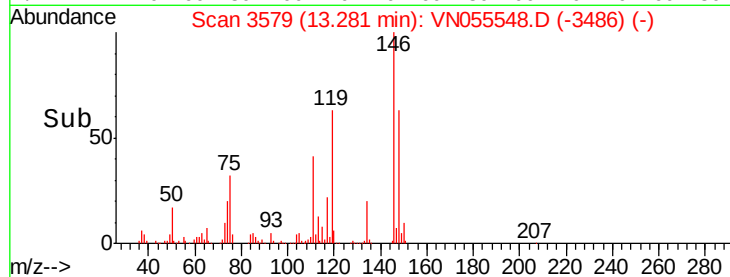
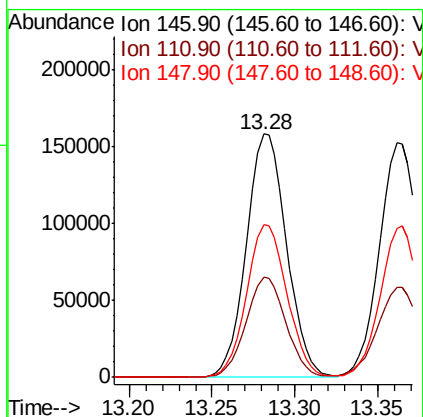
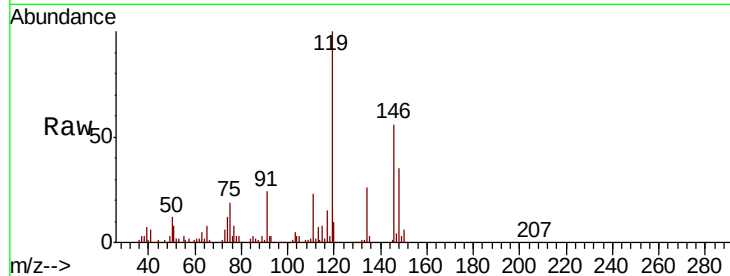




#87
 1,3-Dichlorobenzene
 Concen: 19.243 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN055548.D
 Acq: 10 May 2019 13:37

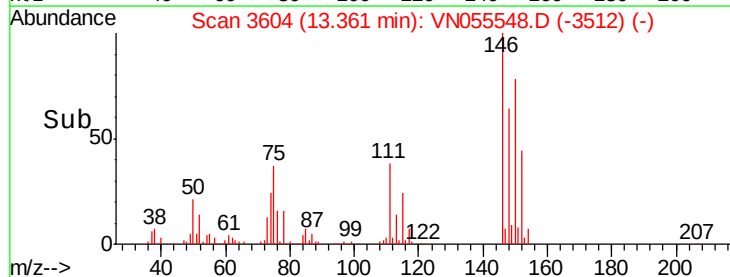
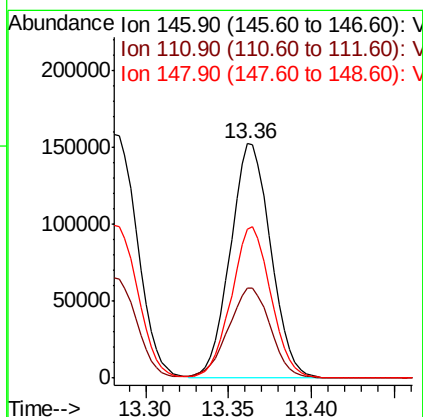
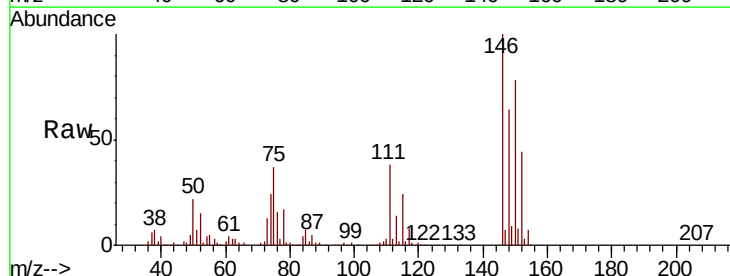
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBSD02

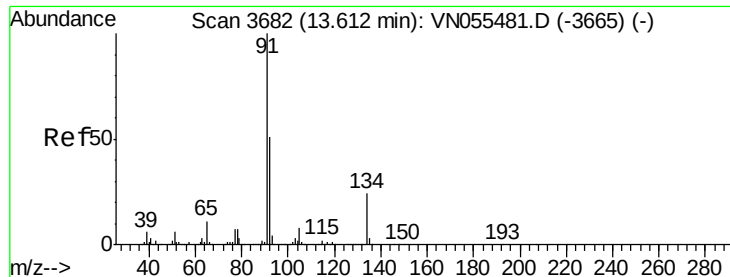
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.4	61.3
148	63.2	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 18.900 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN055548.D
 Acq: 10 May 2019 13:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.6	58.8
148	63.4	32.5	97.4





#89

n-Butylbenzene

Concen: 16.691 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN055548.D

Acq: 10 May 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBSD02

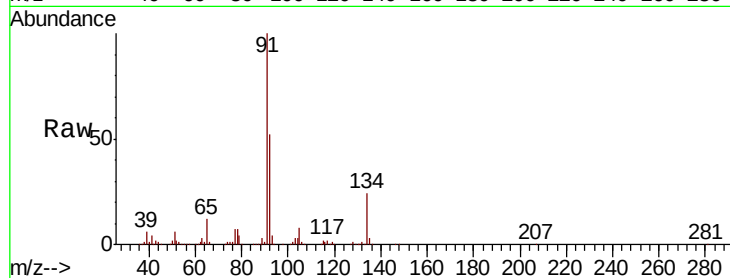
Tot Ion: 91 Resp: 390001

Ion Ratio Lower Upper

91 100

92 51.8 25.9 77.7

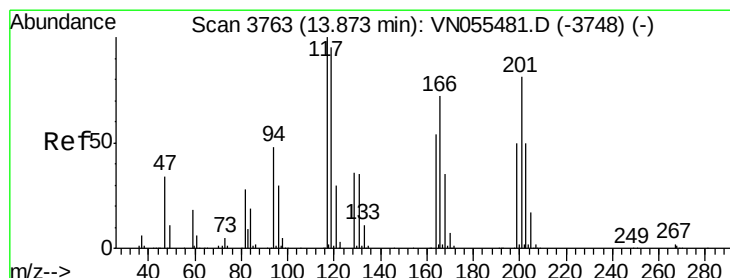
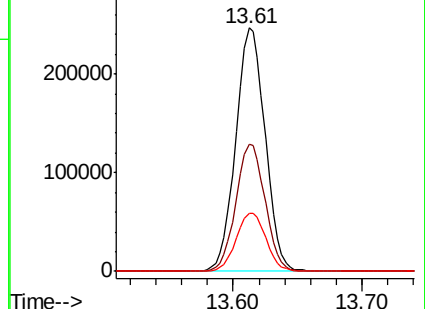
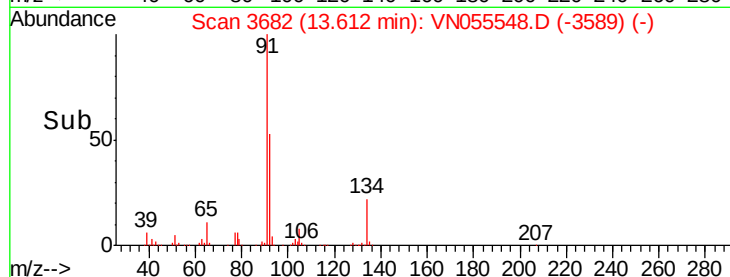
134 24.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN055481.D (-3665) (-)

Ion 92.00 (91.70 to 92.70): VN055481.D (-3665) (-)

Ion 134.00 (133.70 to 134.70): VN055481.D (-3665) (-)



#90

Hexachloroethane

Concen: 18.483 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN055548.D

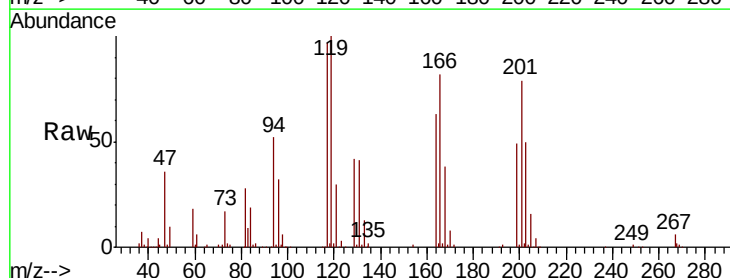
Acq: 10 May 2019 13:37

Tgt Ion: 117 Resp: 90892

Ion Ratio Lower Upper

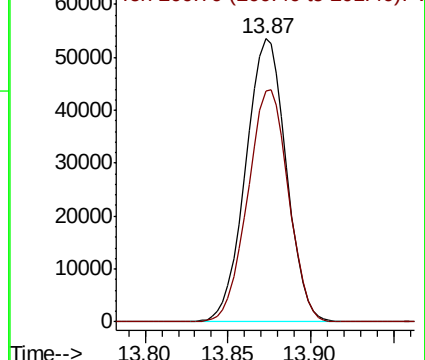
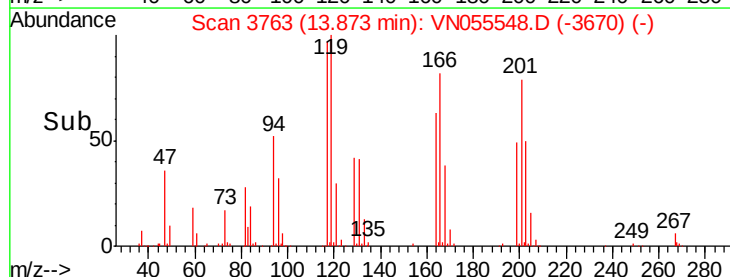
117 100

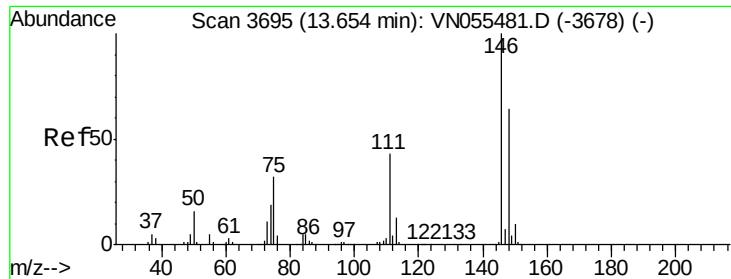
201 82.4 40.1 120.2



Abundance Ion 116.80 (116.50 to 117.50): VN055481.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN055481.D (-3748) (-)

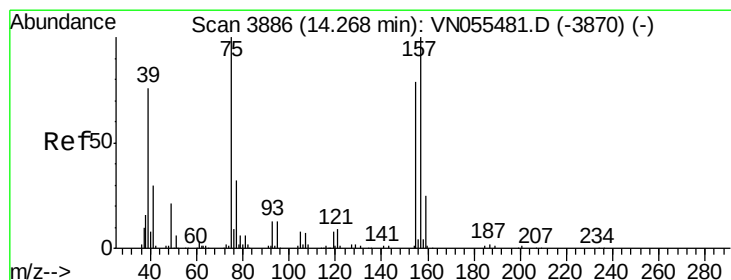
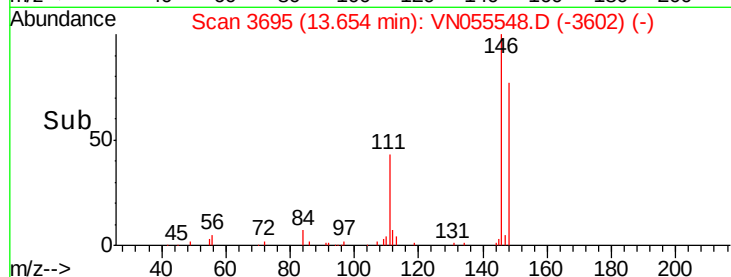
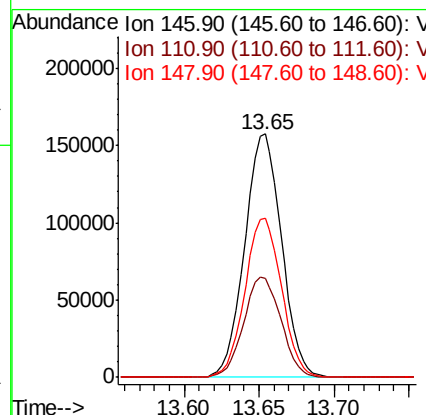
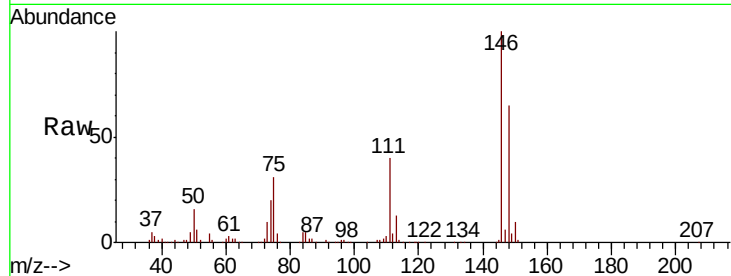




#91
 1,2-Dichlorobenzene
 Concen: 19.561 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN055548.D
 Acq: 10 May 2019 13:37

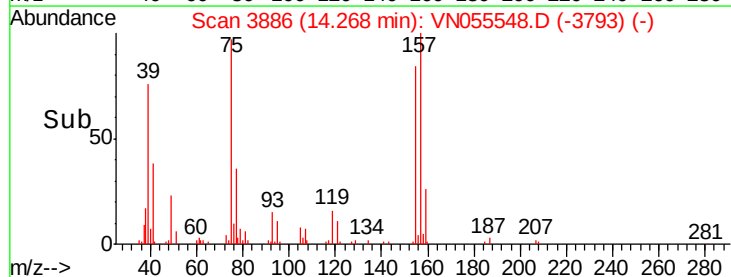
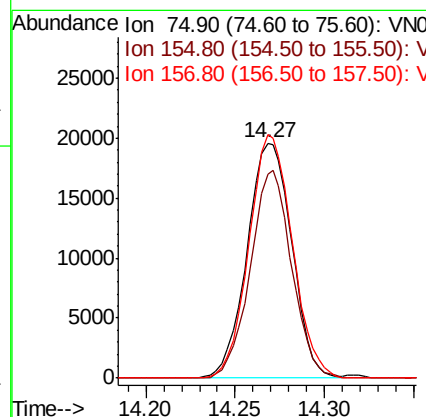
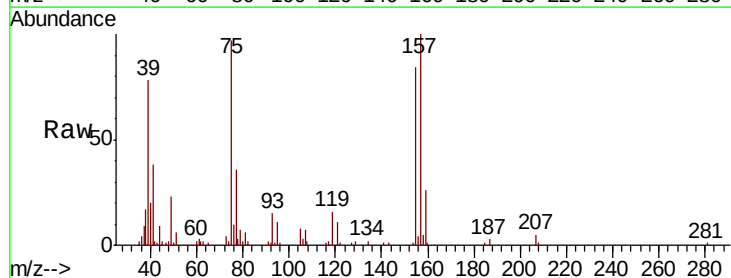
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBSD02

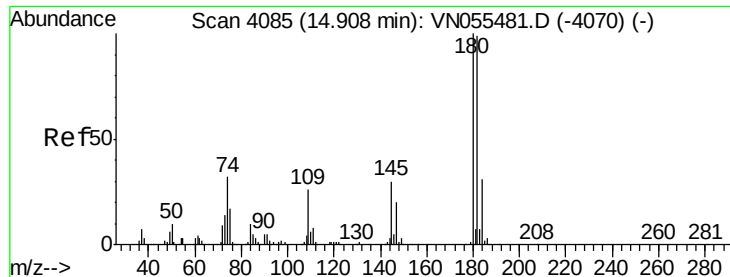
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.3	63.7
148	64.9	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.375 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN055548.D
 Acq: 10 May 2019 13:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.7	39.3	117.8
157	100.6	50.6	151.8

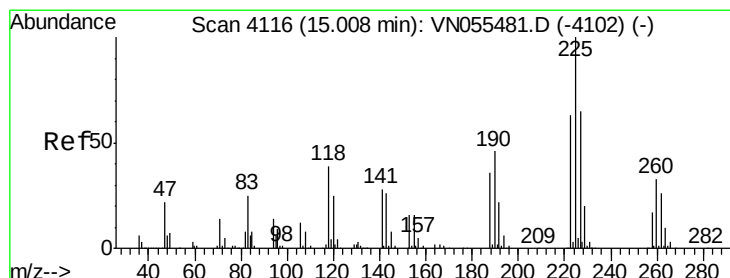
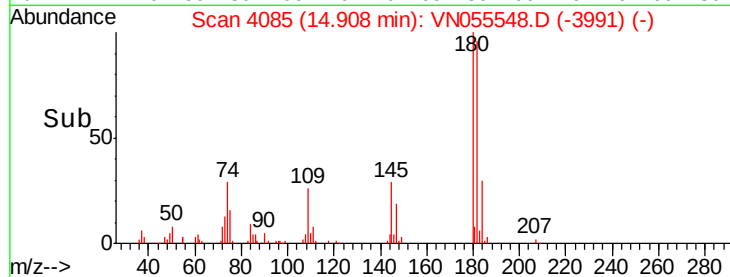
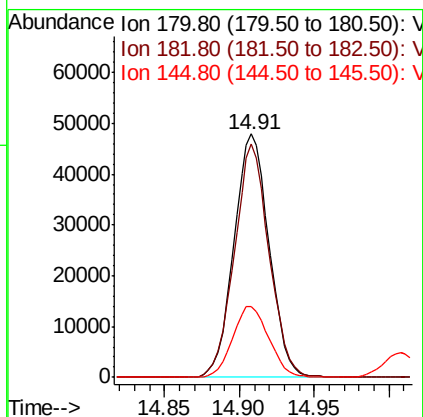
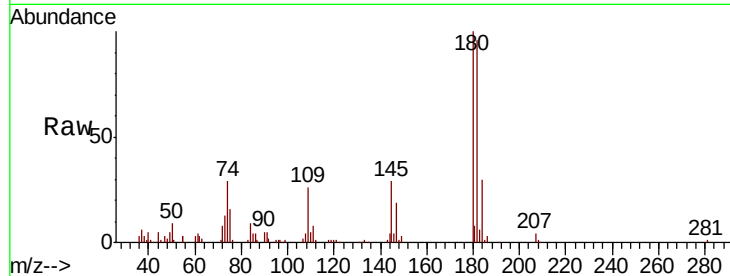




#93
 1,2,4-Trichlorobenzene
 Concen: 15.374 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055548.D
 Acq: 10 May 2019 13:37

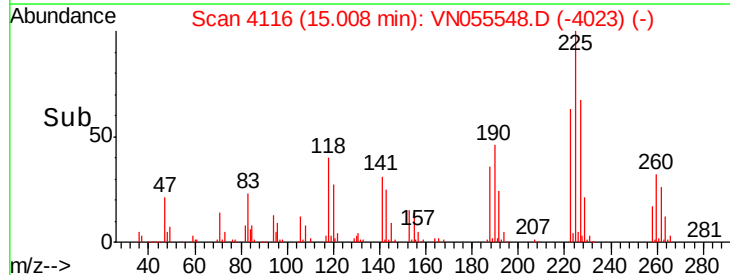
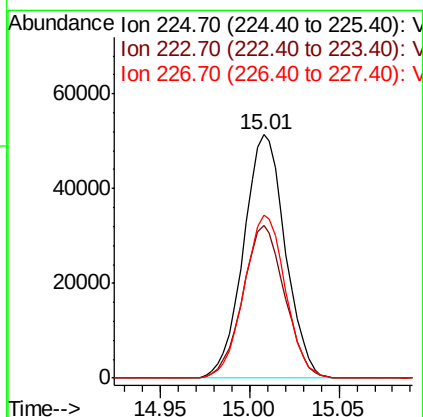
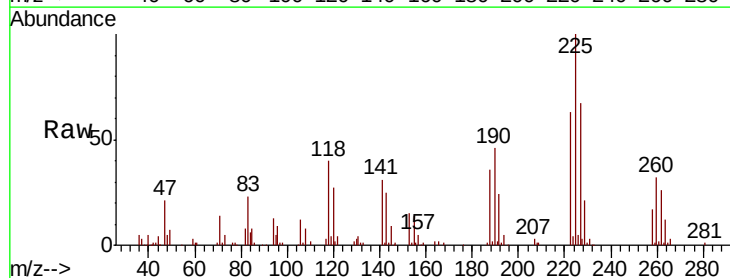
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBSD02

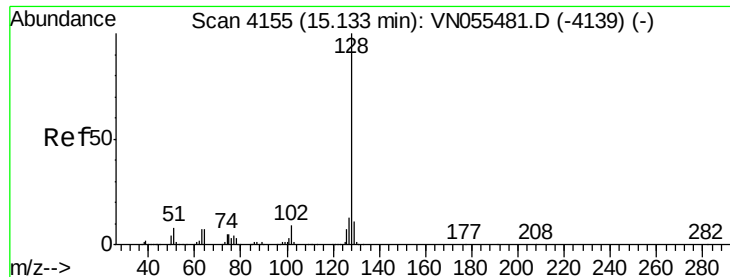
Tot Ion:180 Resp: 78337
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.7 146.1
 145 30.0 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 19.004 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055548.D
 Acq: 10 May 2019 13:37

Tgt Ion:225 Resp: 83732
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.4 94.3
 227 66.2 32.0 96.0

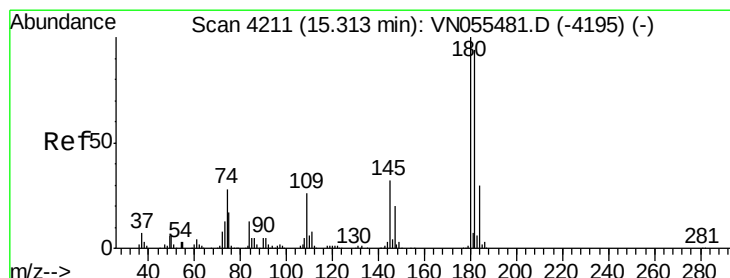
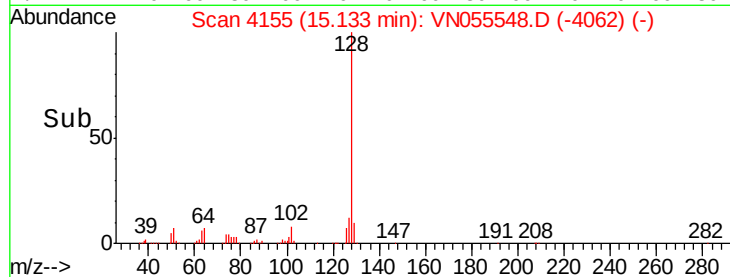
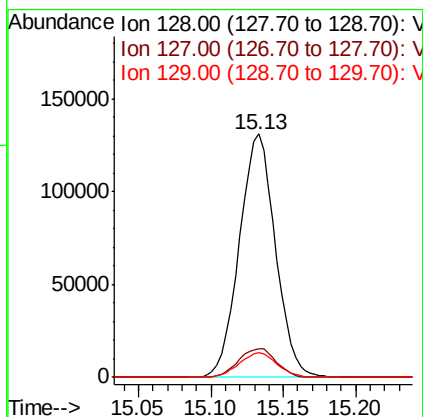
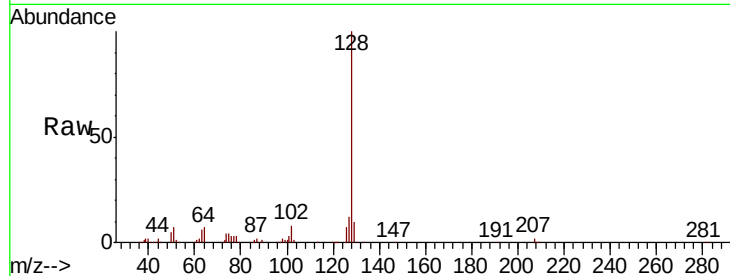




#95
Naphthalene
Concen: 15.524 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBSD02

Tot Ion:128 Resp: 226690
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 10.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 15.781 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN055548.D
Acq: 10 May 2019 13:37

Tgt Ion:180 Resp: 91590
Ion Ratio Lower Upper
180 100
182 98.0 47.1 141.3
145 30.6 15.8 47.4

