

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055540.D
 Acq On : 10 May 2019 10:16
 Operator : JC/SP
 Sample : VN0510WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBS01

Quant Time: May 11 00:53:57 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	581484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	976547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	844529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	308931	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	320955	36.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.32%	
35) Dibromofluoromethane	7.59	113	246892	39.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.38%	
50) Toluene-d8	10.09	98	942806	38.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.82%	
62) 4-Bromofluorobenzene	12.40	95	296886	35.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	89382	15.098	ug/l	99
3) Chloromethane	2.06	50	142001	14.764	ug/l	98
4) Vinyl Chloride	2.19	62	140091	15.430	ug/l	97
5) Bromomethane	2.54	94	84982	17.084	ug/l	94
6) Chloroethane	2.69	64	87303	16.509	ug/l	94
7) Trichlorofluoromethane	3.01	101	159249	15.989	ug/l	93
8) Diethyl Ether	3.41	74	71674	16.023	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.75	101	102501	16.175	ug/l	98
10) Methyl Iodide	3.95	142	117965	13.773	ug/l	99
11) Tert butyl alcohol	4.81	59	88946	68.805	ug/l	99
12) 1,1-Dichloroethene	3.73	96	100915	15.879	ug/l	99
13) Acrolein	3.61	56	67934	78.851	ug/l	98
14) Allyl chloride	4.32	41	197988	15.208	ug/l	100
15) Acrylonitrile	5.00	53	295322	73.778	ug/l	98
16) Acetone	3.82	43	311575	76.858	ug/l	97
17) Carbon Disulfide	4.04	76	261350	15.067	ug/l	99
18) Methyl Acetate	4.33	43	131528	14.679	ug/l	98
19) Methyl tert-butyl Ether	5.06	73	326079	15.441	ug/l	95
20) Methylene Chloride	4.55	84	126876	15.305	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	110042	15.970	ug/l	94
22) Diisopropyl ether	5.96	45	401876	15.191	ug/l	95
23) Vinyl Acetate	5.90	43	1535169	75.035	ug/l	99
24) 1,1-Dichloroethane	5.85	63	221356	15.500	ug/l	99
25) 2-Butanone	6.84	43	401703	71.733	ug/l	100
26) 2,2-Dichloropropane	6.83	77	144391	16.219	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	127435	16.003	ug/l	98
28) Bromochloromethane	7.19	49	97979	13.211	ug/l	95
29) Tetrahydrofuran	7.22	42	264329	71.400	ug/l	98
30) Chloroform	7.37	83	210347	15.933	ug/l	99
31) Cyclohexane	7.65	56	212104	15.011	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	159804	15.895	ug/l	99
36) 1,1-Dichloropropene	7.79	75	157741	16.396	ug/l	100
37) Ethyl Acetate	6.93	43	154583	14.730	ug/l	98
38) Carbon Tetrachloride	7.77	117	128214	15.827	ug/l	97

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBS01

Quant Time: May 11 00:53:57 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)
39) Methylcyclohexane	9.08	83	182512	15.559	ug/l	98
40) Benzene	8.04	78	484732	16.234	ug/l	99
41) Methacrylonitrile	7.18	41	70988	14.574	ug/l	91
42) 1,2-Dichloroethane	8.12	62	170840	16.286	ug/l	99
43) Isopropyl Acetate	8.17	43	239598	15.028	ug/l	98
44) Trichloroethene	8.83	130	114777	16.155	ug/l	97
45) 1,2-Dichloropropane	9.12	63	140883	16.490	ug/l	99
46) Dibromomethane	9.21	93	80029	16.161	ug/l	98
47) Bromodichloromethane	9.40	83	150703	15.908	ug/l	98
48) Methyl methacrylate	9.20	41	113993	14.839	ug/l	98
49) 1,4-Dioxane	9.20	88	45635	304.800	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	759009	72.383	ug/l	99
52) Toluene	10.16	92	277211	16.240	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	142431	15.654	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	175967	16.185	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	113581	16.422	ug/l	99
56) Ethyl methacrylate	10.43	69	153536	14.925	ug/l	99
57) 1,3-Dichloropropane	10.71	76	196380	15.994	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	76860	33.595	ug/l	99
59) 2-Hexanone	10.75	43	535754	72.854	ug/l	100
60) Dibromochloromethane	10.90	129	101931	16.210	ug/l	99
61) 1,2-Dibromoethane	11.01	107	106977	16.099	ug/l	99
64) Tetrachloroethene	10.63	164	109181	15.777	ug/l	98
65) Chlorobenzene	11.43	112	277527	15.973	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	99111	16.569	ug/l	99
67) Ethyl Benzene	11.51	91	504728	15.467	ug/l	99
68) m/p-Xylenes	11.62	106	367058	31.343	ug/l	100
69) o-Xylene	11.95	106	182123	15.822	ug/l	98
70) Styrene	11.96	104	292144	15.842	ug/l	99
71) Bromoform	12.12	173	61366	15.203	ug/l #	99
73) Isopropylbenzene	12.25	105	482846	17.318	ug/l	99
74) N-amyl acetate	12.07	43	171027	14.582	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	154715	17.069	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	181076	21.531	ug/l #	100
77) Bromobenzene	12.53	156	110016	16.159	ug/l	97
78) n-propylbenzene	12.59	91	520199	15.700	ug/l	99
79) 2-Chlorotoluene	12.67	91	323814	15.681	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	391361	15.840	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	34233	15.019	ug/l	93
82) 4-Chlorotoluene	12.77	91	309022	15.837	ug/l	98
83) tert-Butylbenzene	12.99	119	340333	16.071	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	358630	15.827	ug/l	100
85) sec-Butylbenzene	13.17	105	441210	15.676	ug/l	99
86) p-Isopropyltoluene	13.29	119	356941	15.583	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	170097	16.169	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	162037	15.607	ug/l	98
89) n-Butylbenzene	13.61	91	253912	14.301	ug/l	98
90) Hexachloroethane	13.87	117	59083	15.812	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	166881	15.872	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20534	14.454	ug/l	99

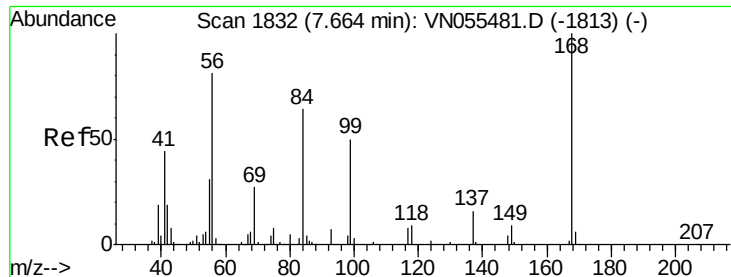
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Fri May 10 06:48:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	45825	12.573	ug/l	99
94) Hexachlorobutadiene	15.01	225	59146	17.495	ug/l	98
95) Naphthalene	15.13	128	134348	12.754	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	53988	12.785	ug/l	98

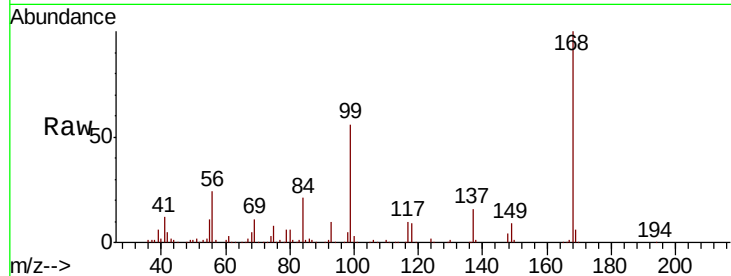
(#) = qualifier out of range (m) = manual integration (+) = signals summed



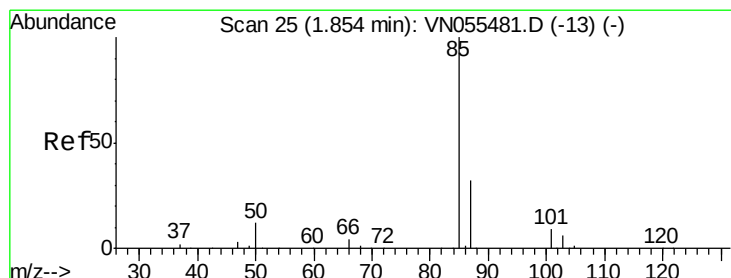
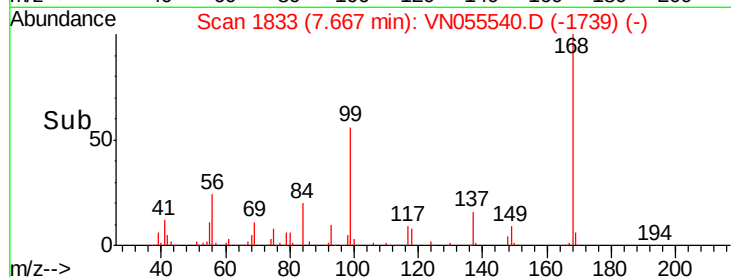
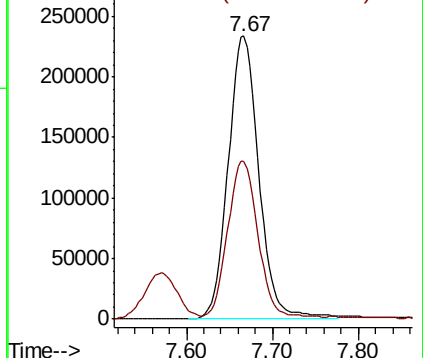
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN055540.D
Acq: 10 May 2019 10:16

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBS01

Tot Ion:168 Resp: 581484
Ion Ratio Lower Upper
168 100
99 54.8 47.0 70.4

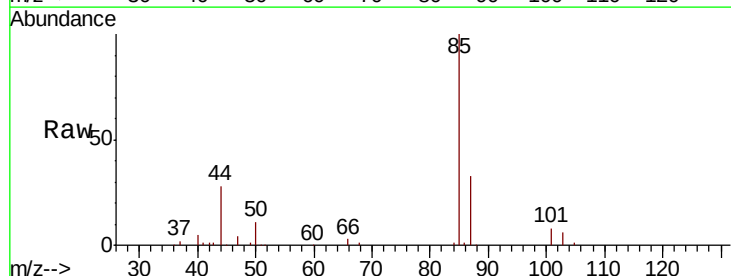


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VN

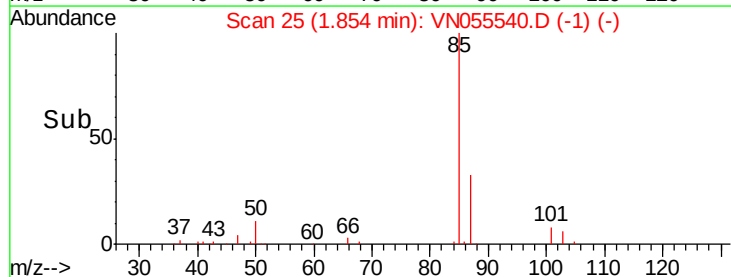
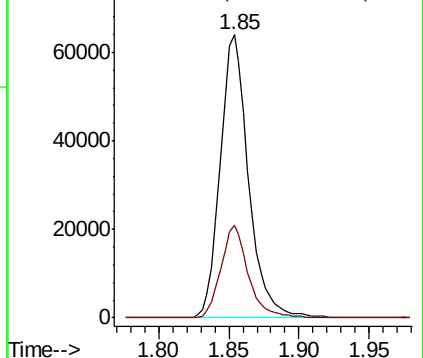


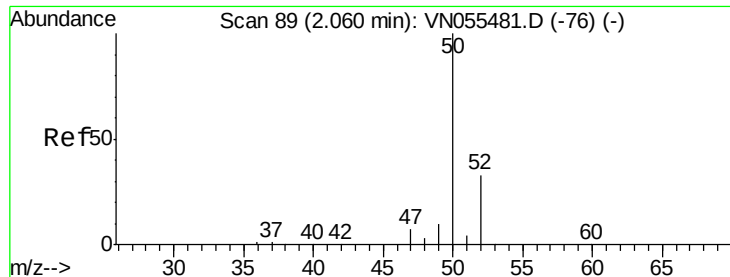
#2
Dichlorodifluoromethane
Concen: 15.098 ug/l
RT: 1.85 min Scan# 25
Delta R.T. -0.00 min
Lab File: VN055540.D
Acq: 10 May 2019 10:16

Tgt Ion: 85 Resp: 89382
Ion Ratio Lower Upper
85 100
87 32.7 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN
Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 14.764 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

Instrument :

MSVOA_N

ClientSampled :

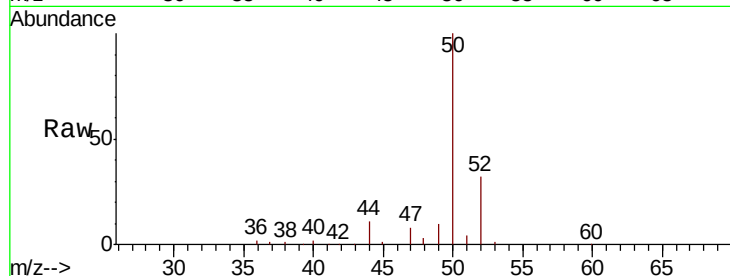
VN0510WBS01

Tot Ion: 50 Resp: 142001

Ion Ratio Lower Upper

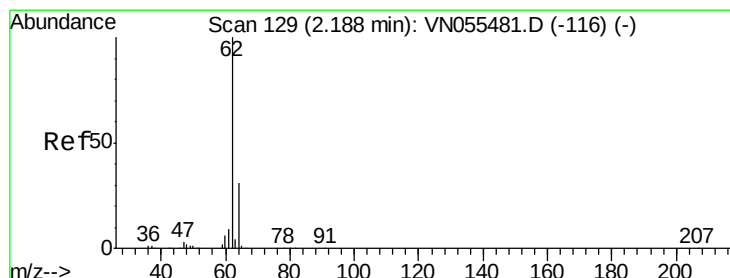
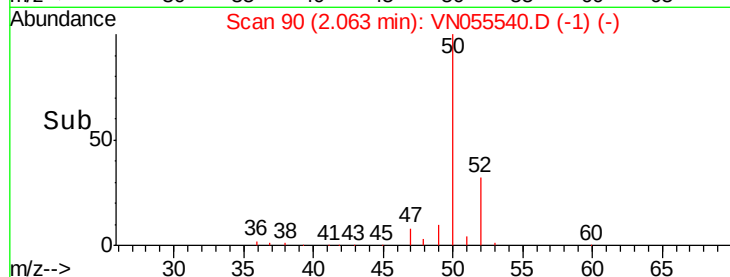
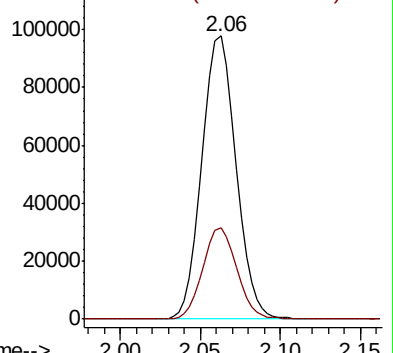
50 100

52 32.1 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 15.430 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN055540.D

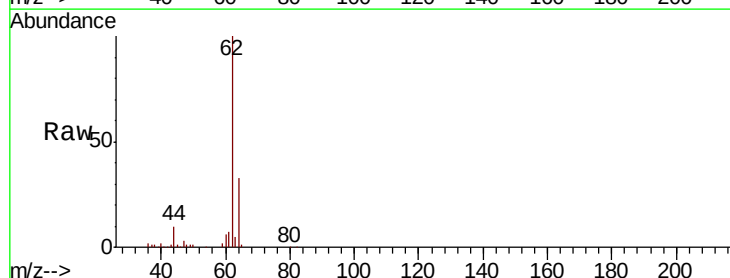
Acq: 10 May 2019 10:16

Tgt Ion: 62 Resp: 140091

Ion Ratio Lower Upper

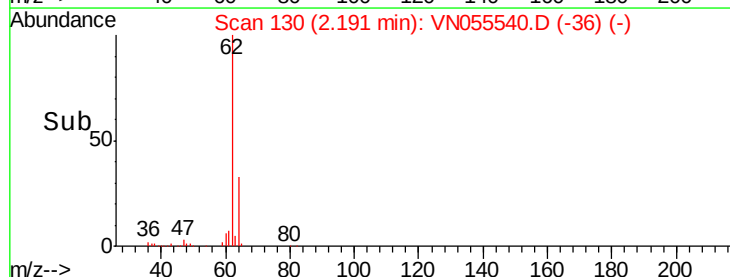
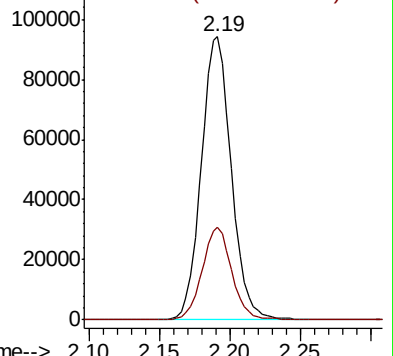
62 100

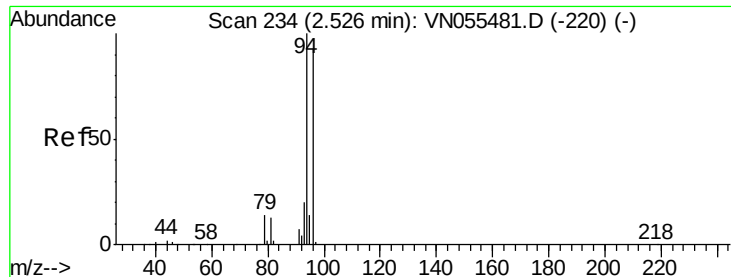
64 32.9 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 17.084 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.01 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

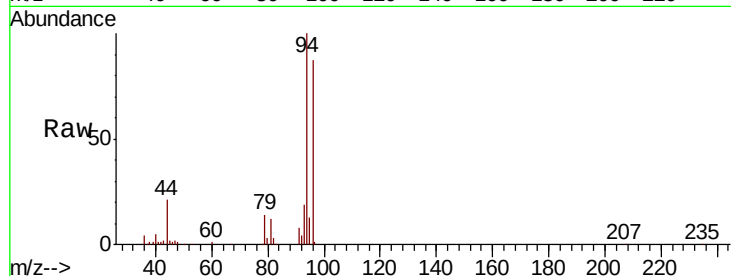
VN0510WBS01

Tot Ion: 94 Resp: 84982

Ion Ratio Lower Upper

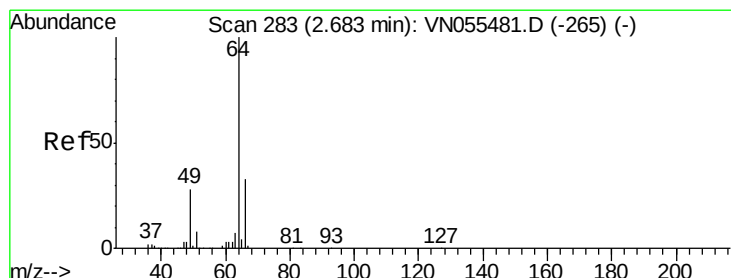
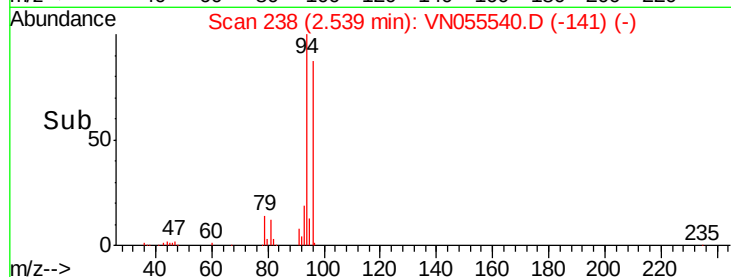
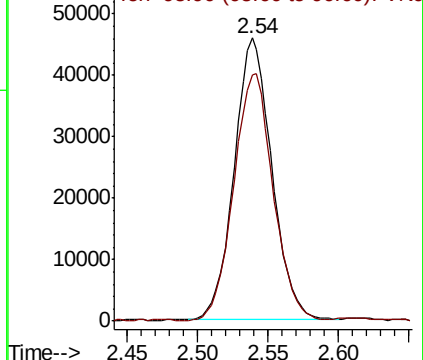
94 100

96 87.4 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: 16.509 ug/l

RT: 2.69 min Scan# 286

Delta R.T. 0.01 min

Lab File: VN055540.D

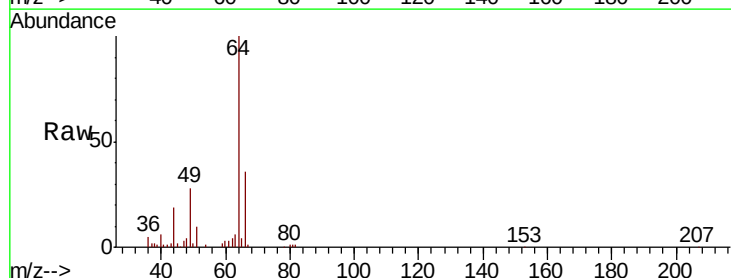
Acq: 10 May 2019 10:16

Tgt Ion: 64 Resp: 87303

Ion Ratio Lower Upper

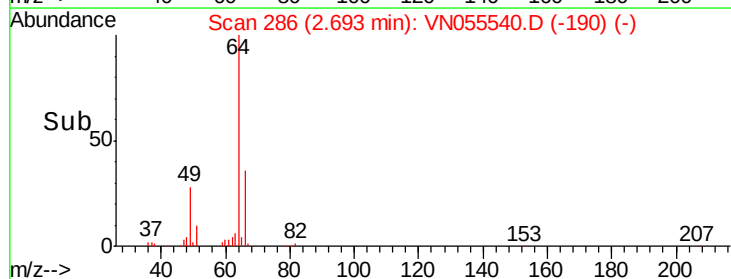
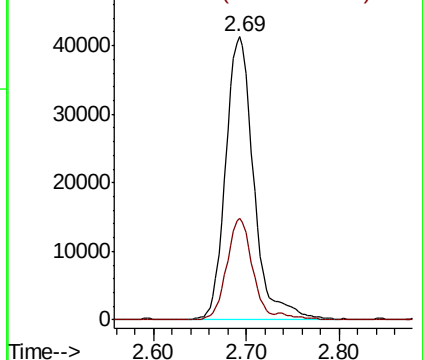
64 100

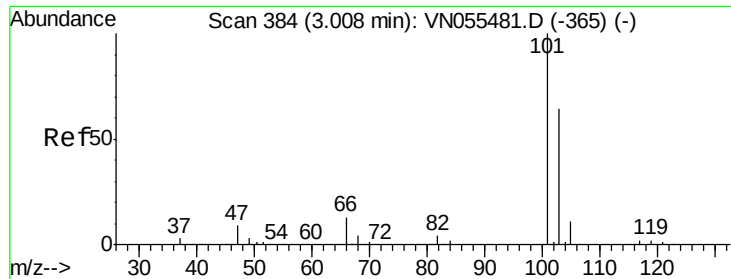
66 36.1 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



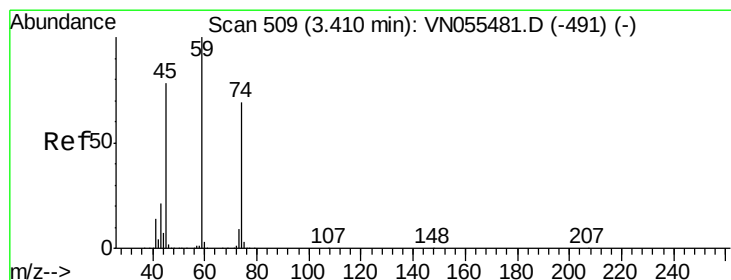
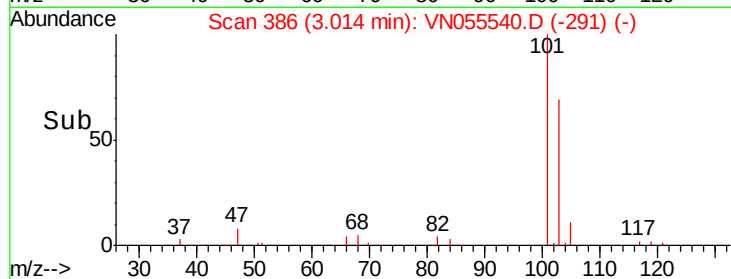
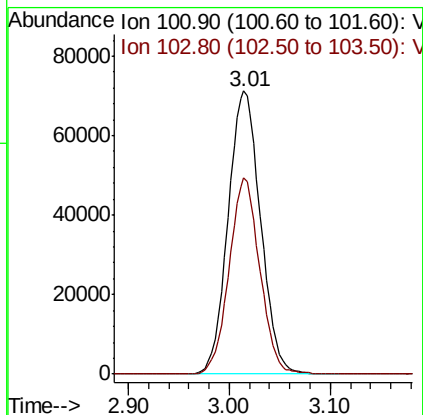
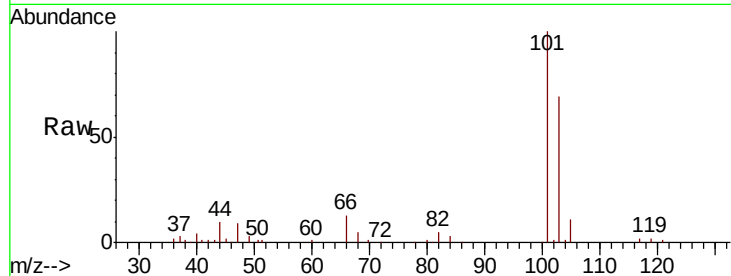


#7

Trichlorofluoromethane
 Concen: 15.989 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. 0.01 min
 Lab File: VN055540.D
 Acq: 10 May 2019 10:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBS01

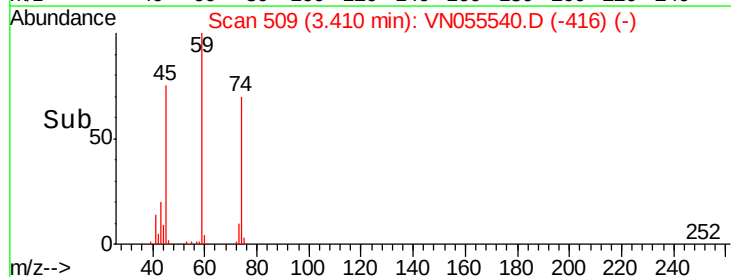
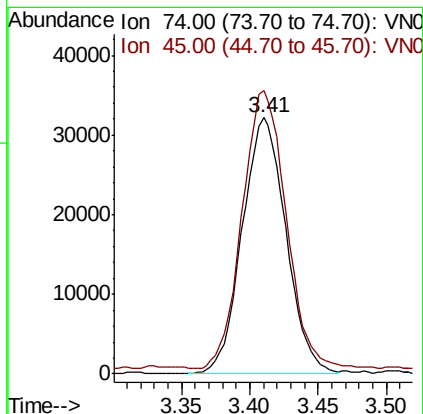
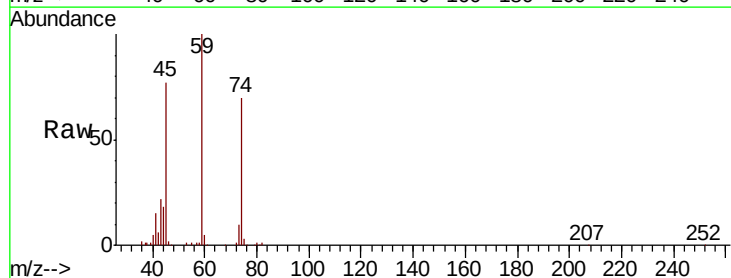
Tot Ion:101 Resp: 159249
 Ion Ratio Lower Upper
 101 100
 103 69.2 51.2 76.8

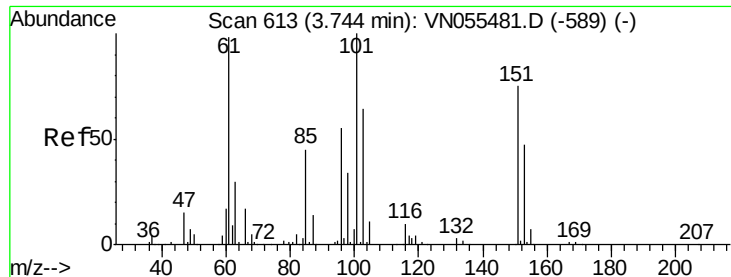


#8

Diethyl Ether
 Concen: 16.023 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN055540.D
 Acq: 10 May 2019 10:16

Tgt Ion: 74 Resp: 71674
 Ion Ratio Lower Upper
 74 100
 45 109.2 58.1 174.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.175 ug/l

RT: 3.75 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBS01

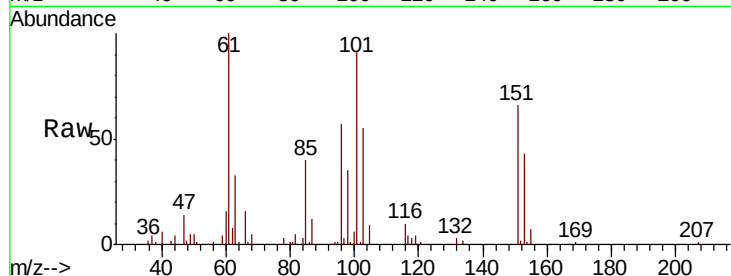
Tot Ion:101 Resp: 102501

Ion Ratio Lower Upper

101 100

85 42.6 35.5 53.3

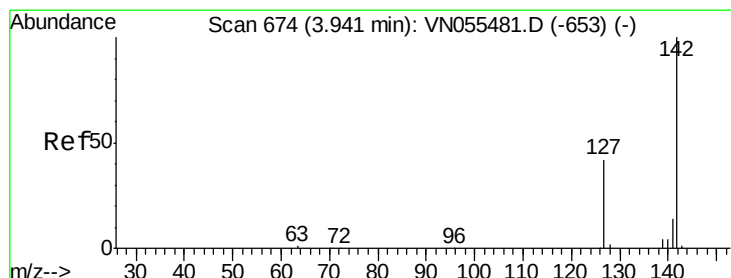
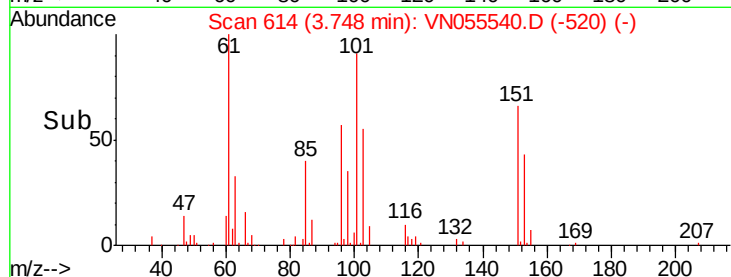
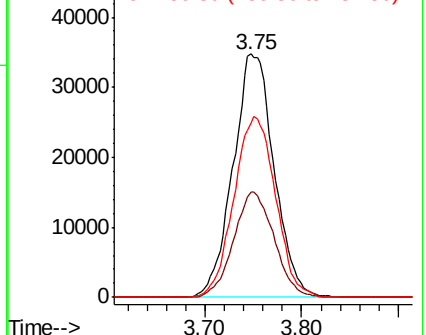
151 75.2 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 13.773 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.01 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

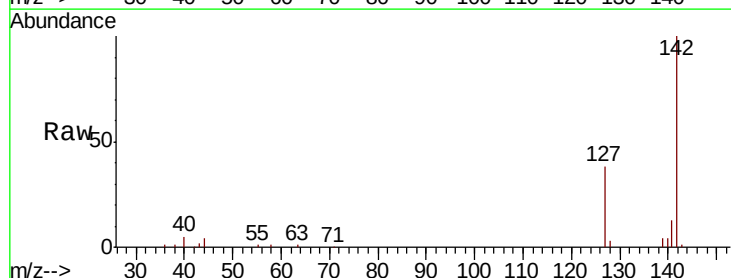
Tgt Ion:142 Resp: 117965

Ion Ratio Lower Upper

142 100

127 40.5 33.0 49.4

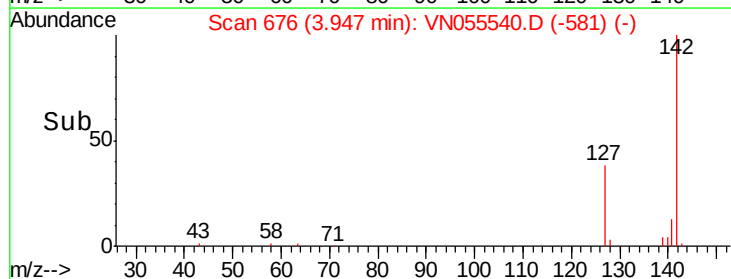
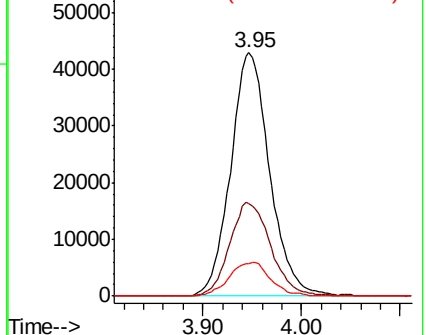
141 14.8 11.4 17.0

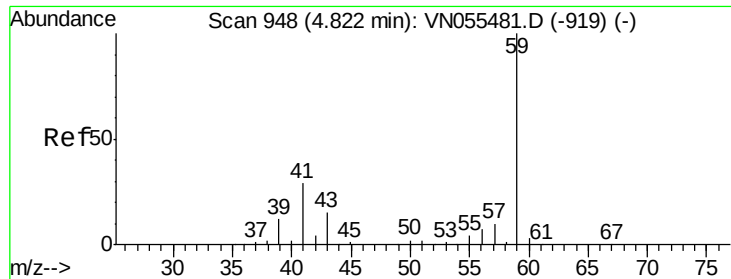


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



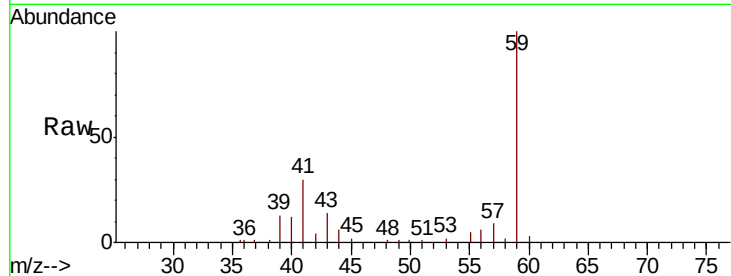


#11

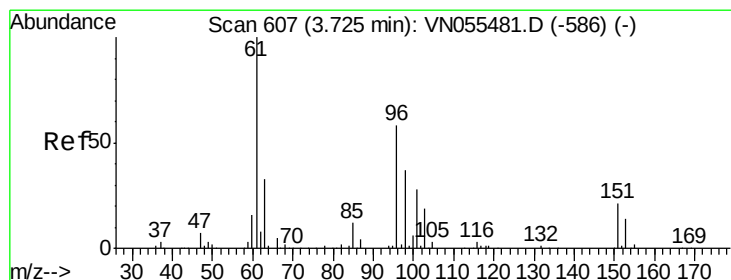
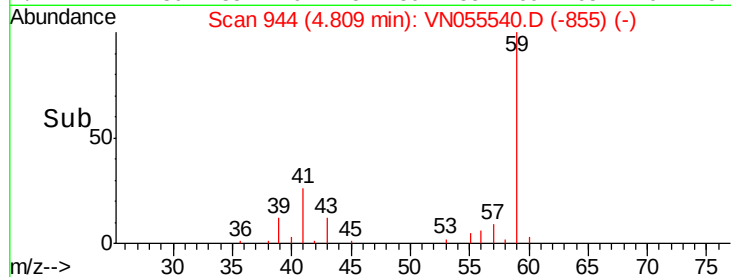
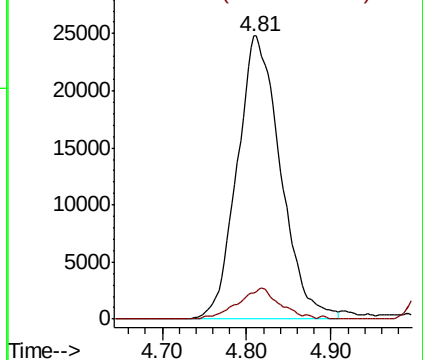
Tert butyl alcohol
 Concen: 68.805 ug/l
 RT: 4.81 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: VN055540.D
 Acq: 10 May 2019 10:16

Instrument :
 MSVOA_N
 ClientSampled :
 VN0510WBS01

Tot Ion: 59 Resp: 88946
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.0 12.0



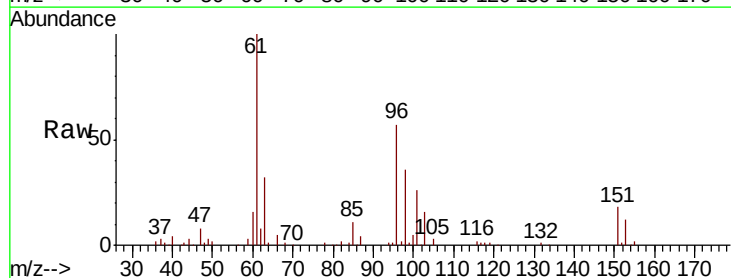
Abundance Ion 59.00 (58.70 to 59.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0



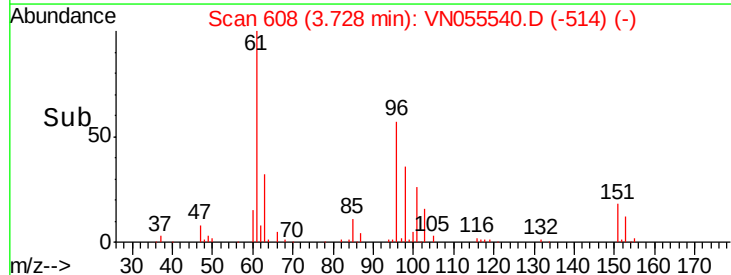
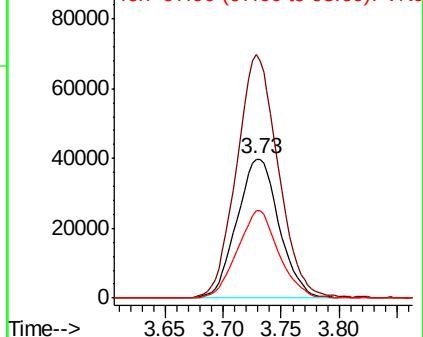
#12

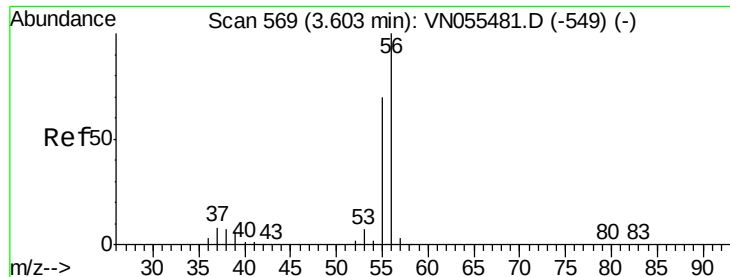
1,1-Dichloroethene
 Concen: 15.879 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN055540.D
 Acq: 10 May 2019 10:16

Tgt Ion: 96 Resp: 100915
 Ion Ratio Lower Upper
 96 100
 61 175.0 138.7 208.1
 98 63.2 50.6 76.0



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





#13

Acrolein

Concen: 78.851 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

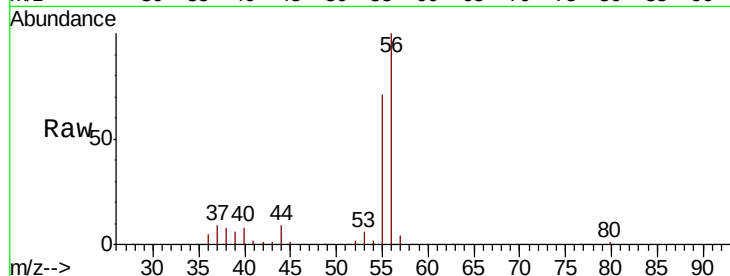
VN0510WBS01

Tot Ion: 56 Resp: 67934

Ion Ratio Lower Upper

56 100

55 73.4 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VN055540.D (-549) (-)

Ion 55.00 (54.70 to 55.70): VN055540.D (-549) (-)

3.61

30000

25000

20000

15000

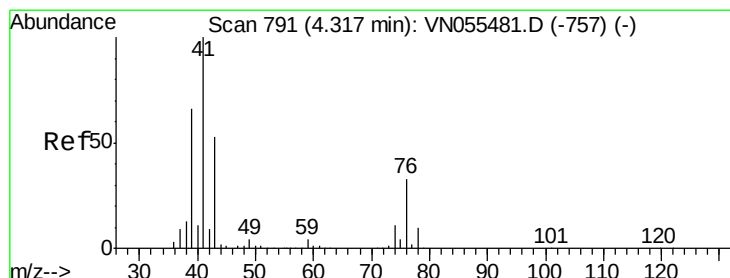
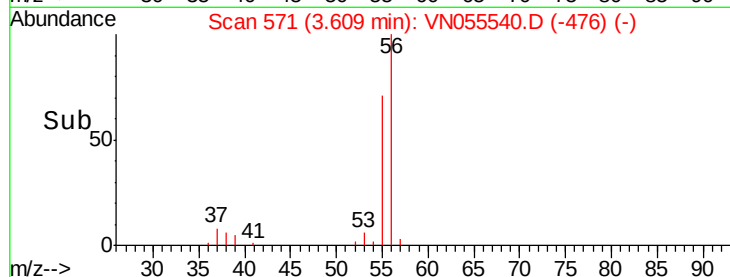
10000

5000

0

Time-->

3.50 3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 15.208 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

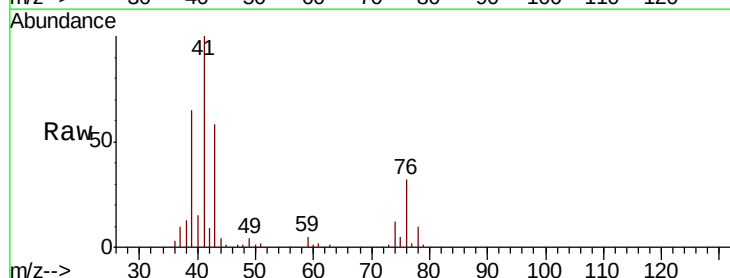
Tgt Ion: 41 Resp: 197988

Ion Ratio Lower Upper

41 100

39 62.2 49.8 74.8

76 29.7 23.5 35.3



Abundance Ion 41.00 (40.70 to 41.70): VN055540.D (-698) (-)

Ion 39.00 (38.70 to 39.70): VN055540.D (-698) (-)

Ion 75.90 (75.60 to 76.60): VN055540.D (-698) (-)

4.32

80000

60000

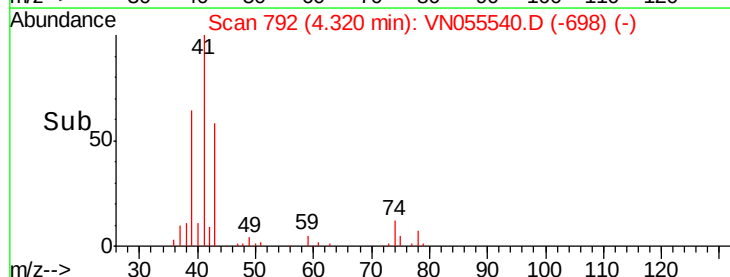
40000

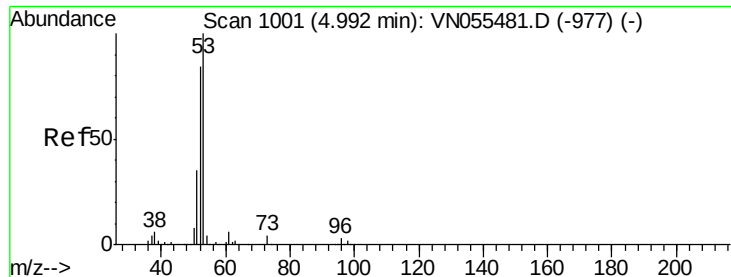
20000

0

Time-->

4.20 4.30 4.40

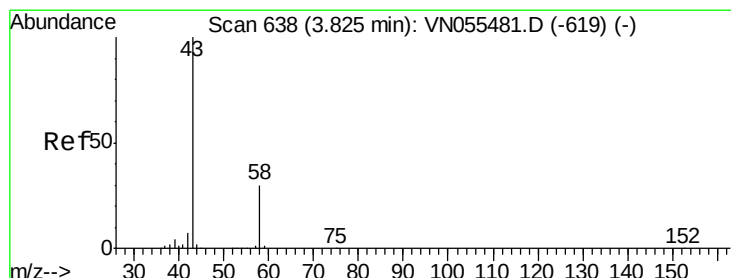
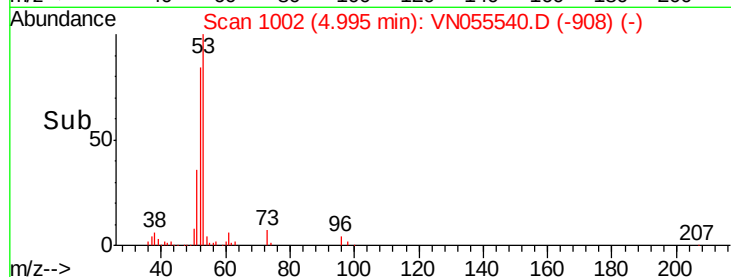
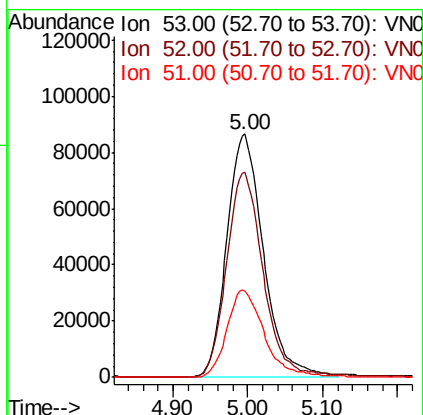
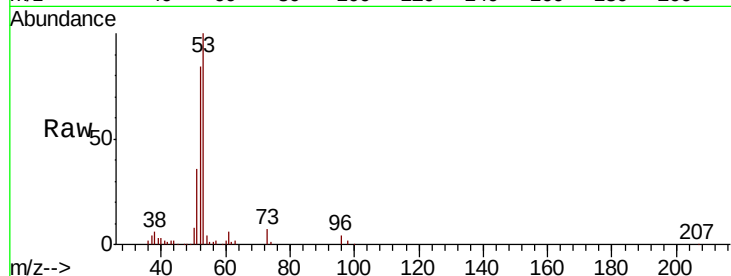




#15
 Acrylonitrile
 Concen: 73.778 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: VN055540.D
 Acq: 10 May 2019 10:16

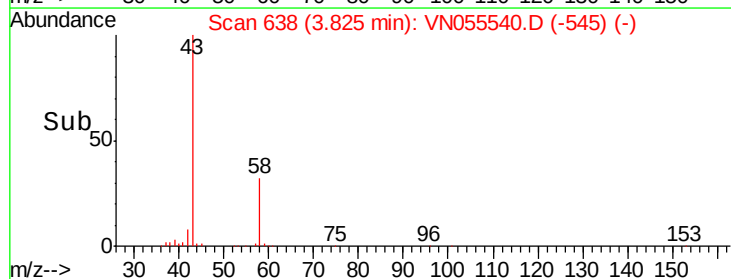
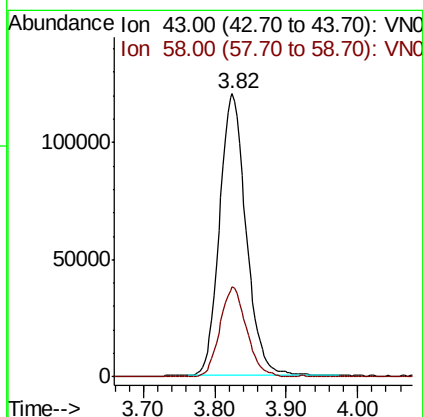
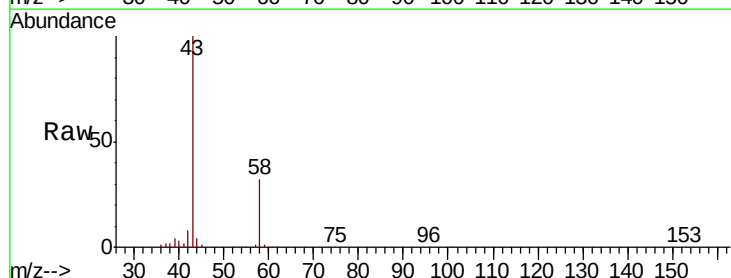
Instrument :
 MSVOA_N
 ClientSampled :
 VN0510WBS01

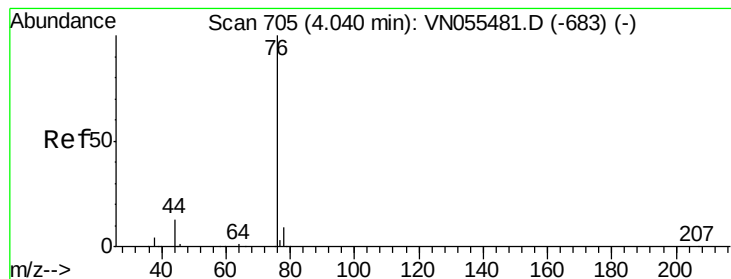
Tot Ion	53	Resp	295322
Ion Ratio	Lower	Upper	
53	100		
52	83.9	66.1	99.1
51	36.5	28.3	42.5



#16
 Acetone
 Concen: 76.858 ug/l
 RT: 3.82 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: VN055540.D
 Acq: 10 May 2019 10:16

Tgt Ion	43	Resp	311575
Ion Ratio	Lower	Upper	
43	100		
58	31.8	24.2	36.2





#17

Carbon Disulfide

Concen: 15.067 ug/l

RT: 4.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

Instrument :

MSVOA_N

ClientSampled :

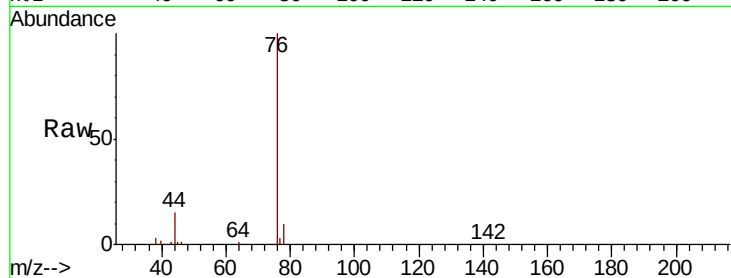
VN0510WBS01

Tot Ion: 76 Resp: 261350

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.04

100000

80000

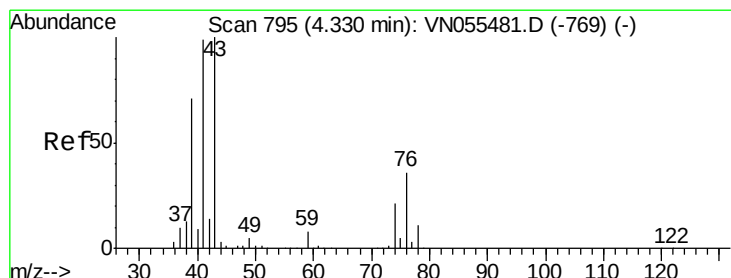
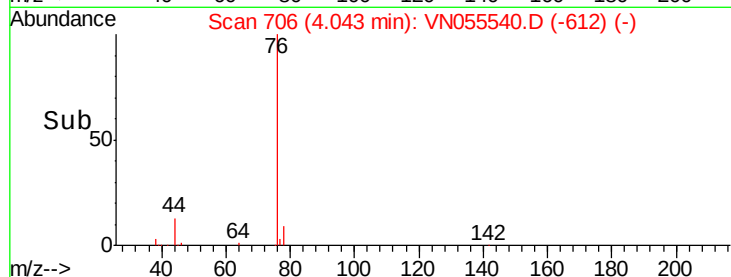
60000

40000

20000

0

Time--> 3.90 4.00 4.10 4.20



#18

Methyl Acetate

Concen: 14.679 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.00 min

Lab File: VN055540.D

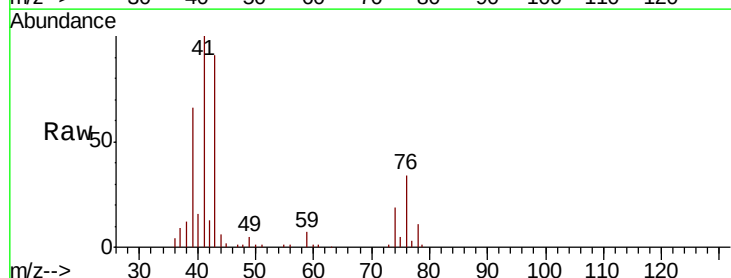
Acq: 10 May 2019 10:16

Tgt Ion: 43 Resp: 131528

Ion Ratio Lower Upper

43 100

74 21.1 16.3 24.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

50000

40000

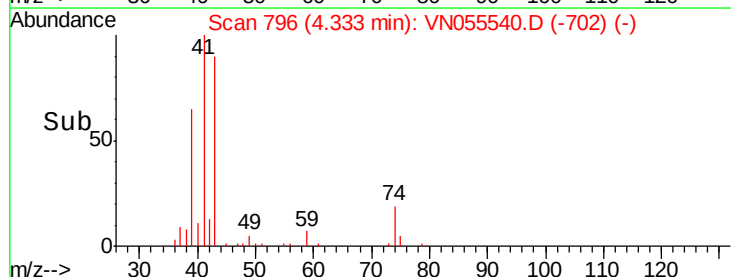
30000

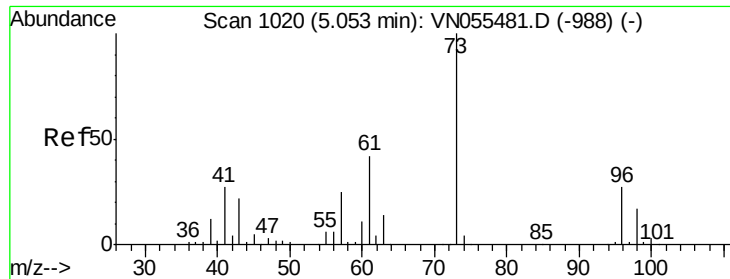
20000

10000

0

Time--> 4.30 4.40

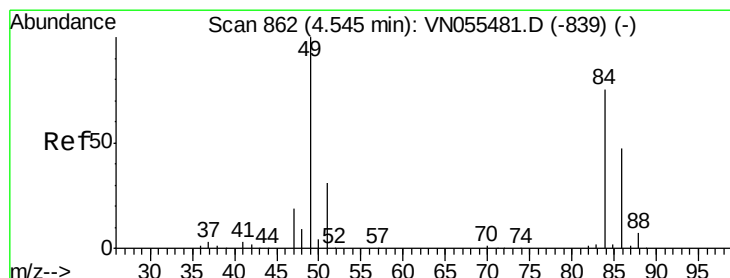
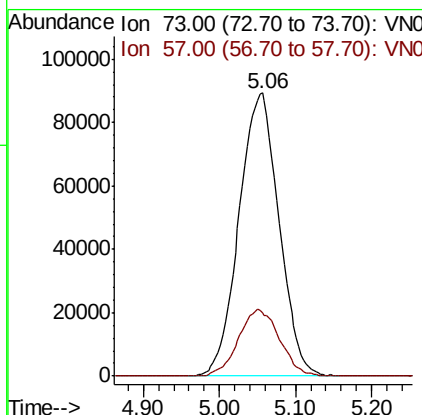
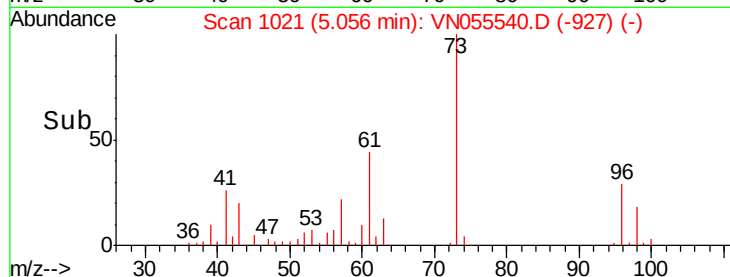
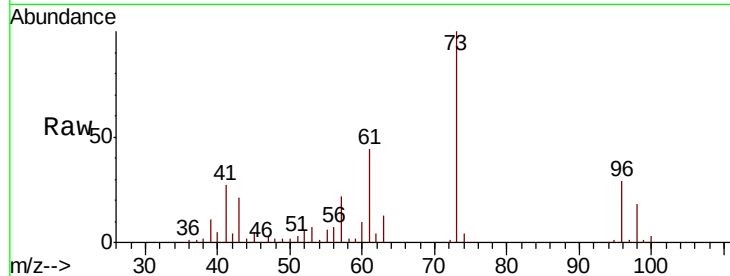




#19
Methvl tert-butyl Ether
Concen: 15.441 ug/l
RT: 5.06 min Scan# 1021
Delta R.T. 0.00 min
Lab File: VN055540.D
Acq: 10 May 2019 10:16

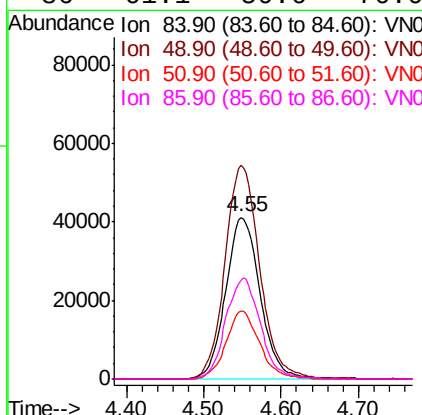
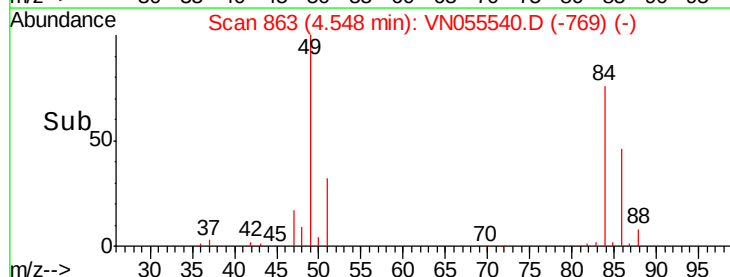
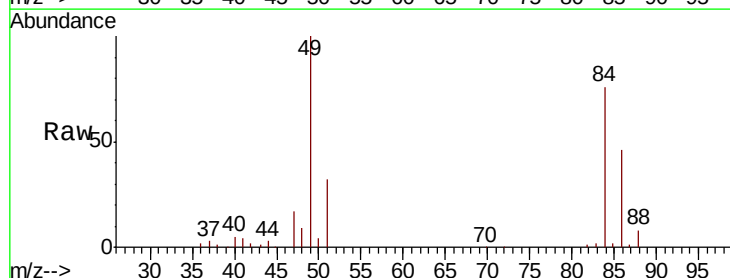
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBS01

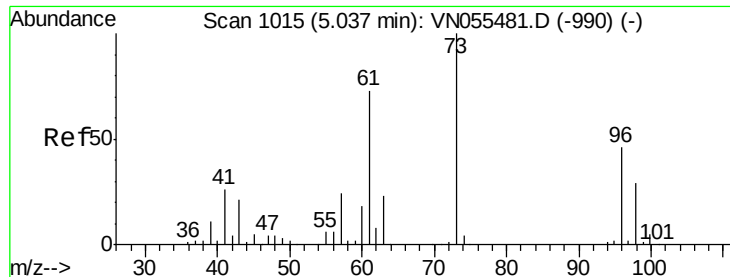
Tot Ion: 73 Resp: 326079
Ion Ratio Lower Upper
73 100
57 22.4 20.0 30.0



#20
Methylene Chloride
Concen: 15.305 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN055540.D
Acq: 10 May 2019 10:16

Tgt Ion: 84 Resp: 126876
Ion Ratio Lower Upper
84 100
49 132.3 107.0 160.6
51 41.9 33.0 49.4
86 61.1 50.6 76.0

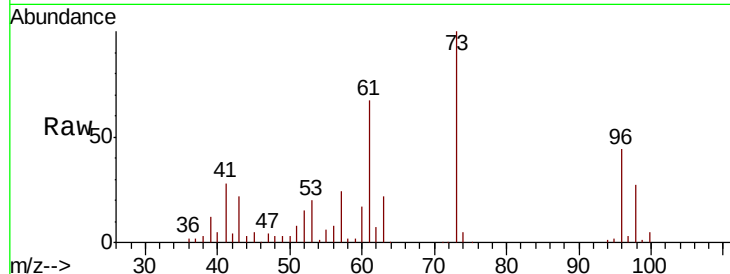




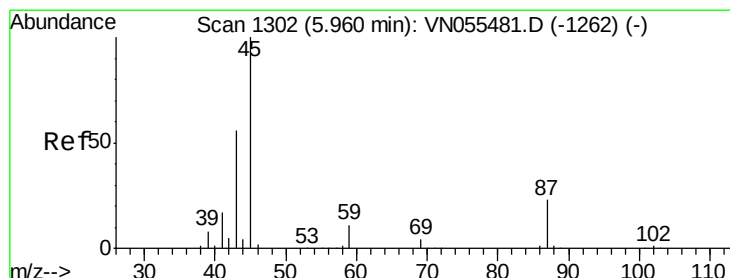
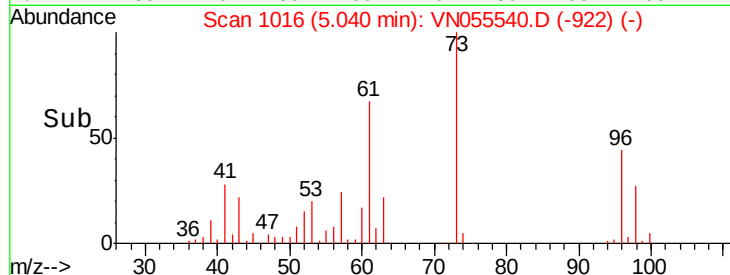
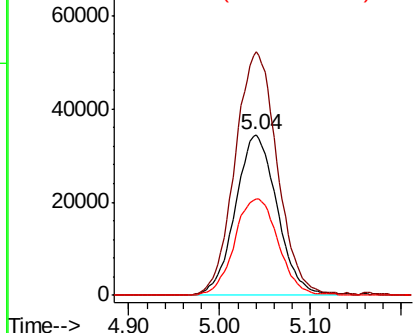
#21
trans-1,2-Dichloroethene
Concen: 15.970 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN055540.D
Acq: 10 May 2019 10:16

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBS01

Tot Ion: 96 Resp: 110042
Ion Ratio Lower Upper
96 100
61 151.4 127.4 191.0
98 60.1 51.6 77.4

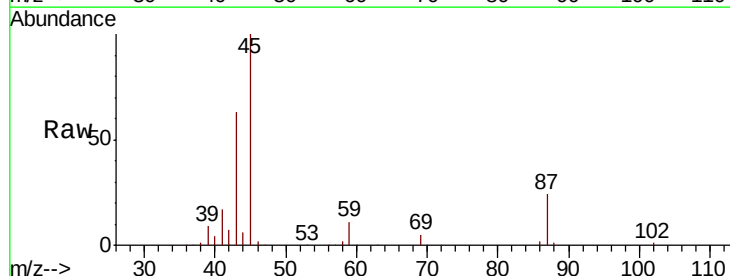


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

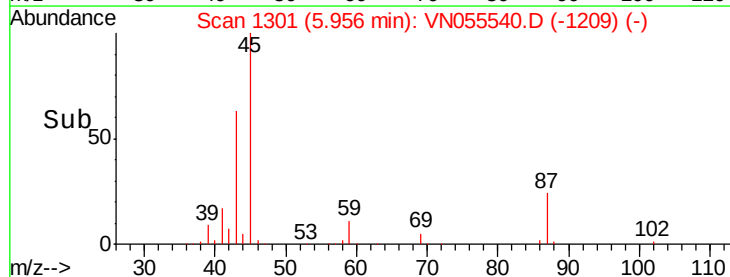
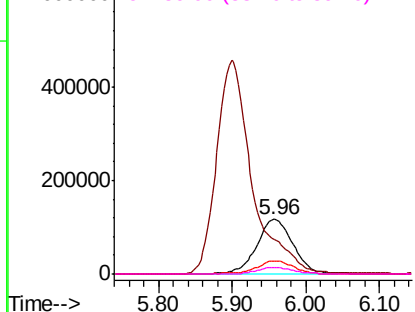


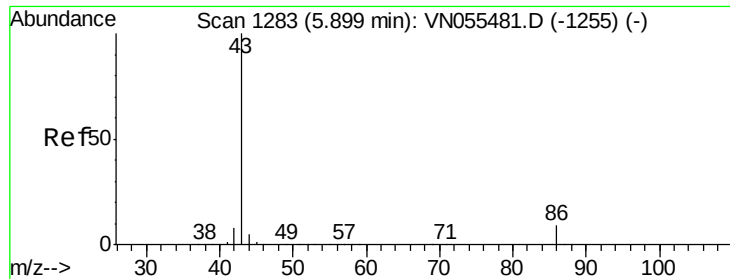
#22
Diisopropyl ether
Concen: 15.191 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VN055540.D
Acq: 10 May 2019 10:16

Tgt Ion: 45 Resp: 401876
Ion Ratio Lower Upper
45 100
43 61.2 44.6 66.8
87 23.9 18.6 28.0
59 11.1 8.6 12.8



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

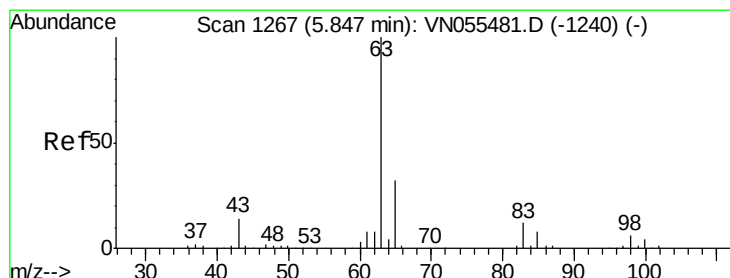
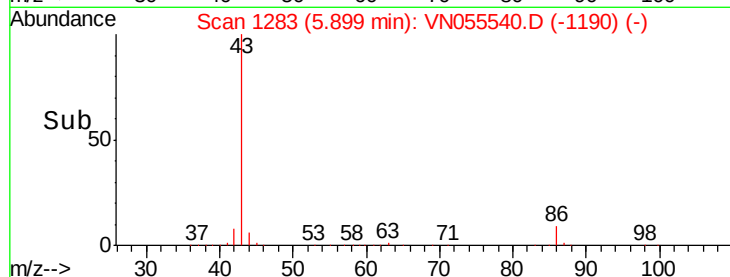
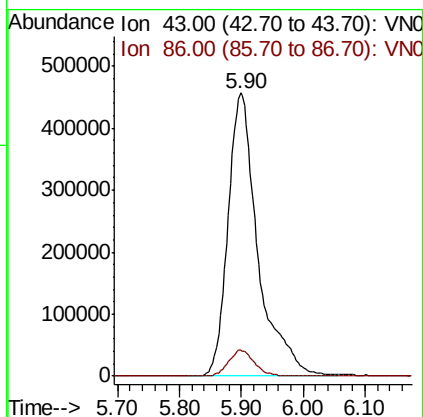
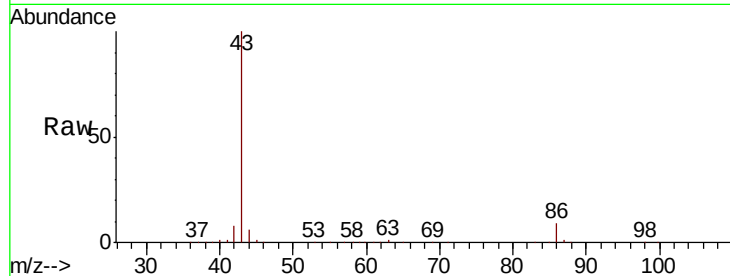




#23
 Vinyl Acetate
 Concen: 75.035 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VN055540.D
 Acq: 10 May 2019 10:16

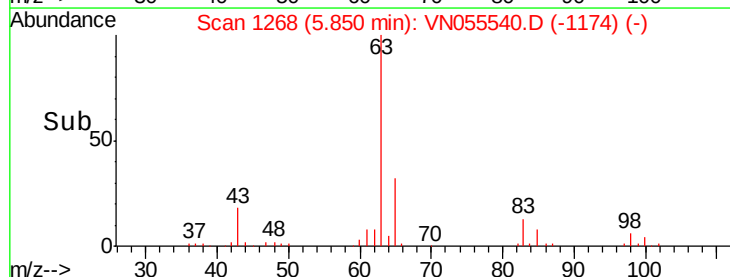
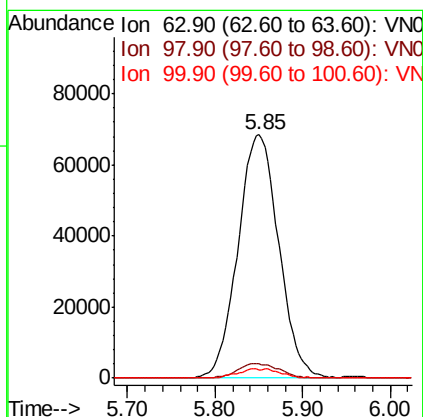
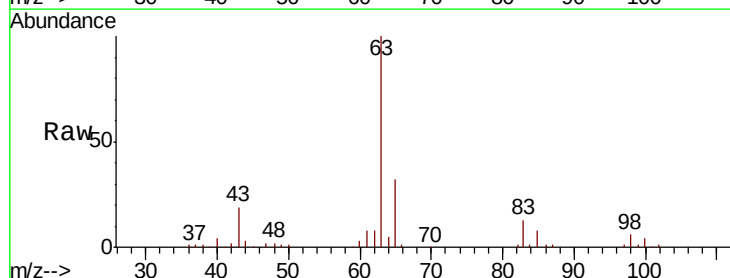
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBS01

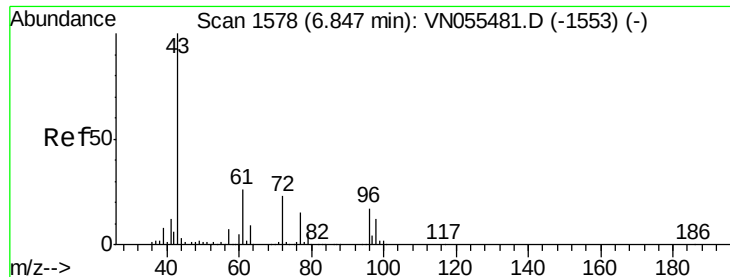
Tot Ion: 43 Resp: 1535169
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 15.500 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN055540.D
 Acq: 10 May 2019 10:16

Tgt Ion: 63 Resp: 221356
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.0 9.0
 100 3.6 1.9 5.7





#25

2-Butanone

Concen: 71.733 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

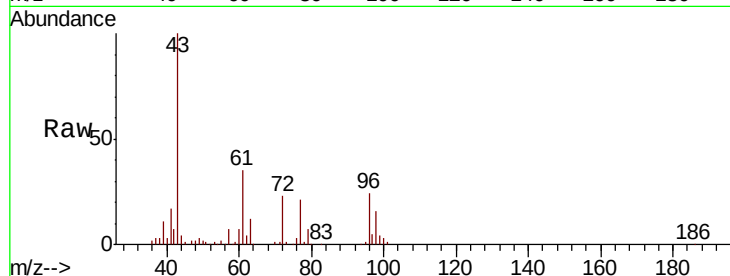
VN0510WBS01

Tot Ion: 43 Resp: 401703

Ion Ratio Lower Upper

43 100

72 23.0 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.84

150000

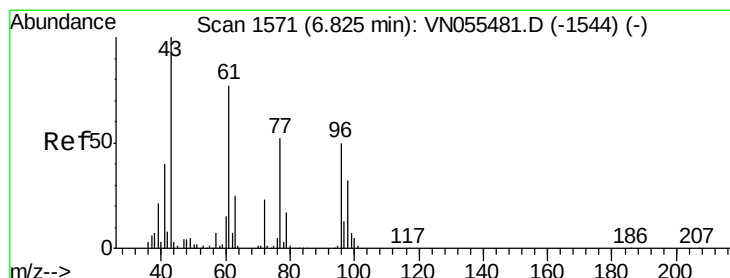
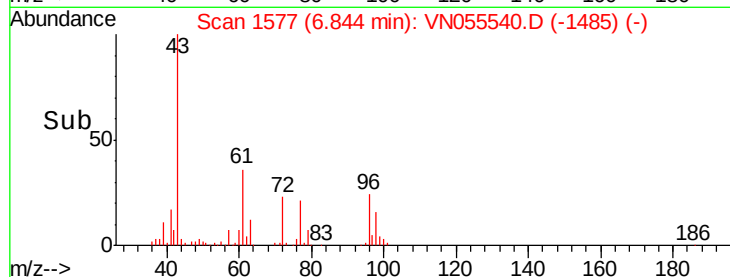
100000

50000

0

6.75 6.80 6.85 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 16.219 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055540.D

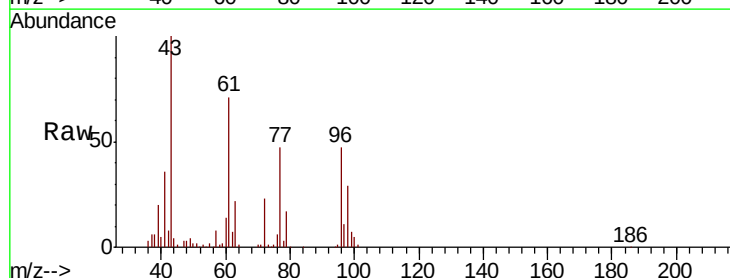
Acq: 10 May 2019 10:16

Tgt Ion: 77 Resp: 144391

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.83

50000

40000

30000

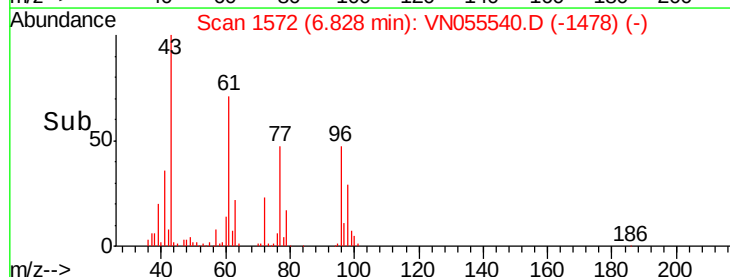
20000

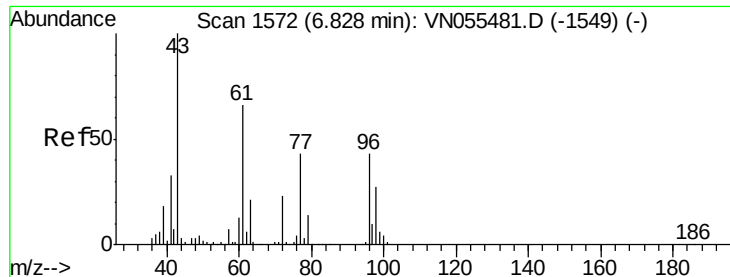
10000

0

6.70 6.80 6.90

Time-->

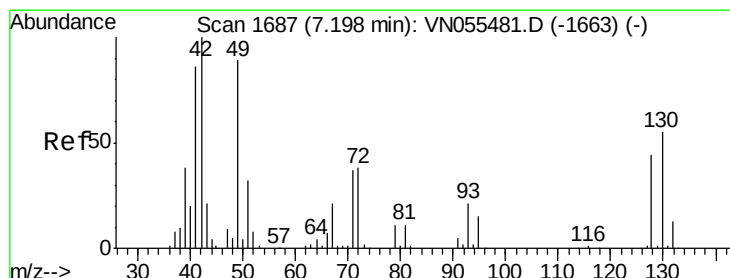
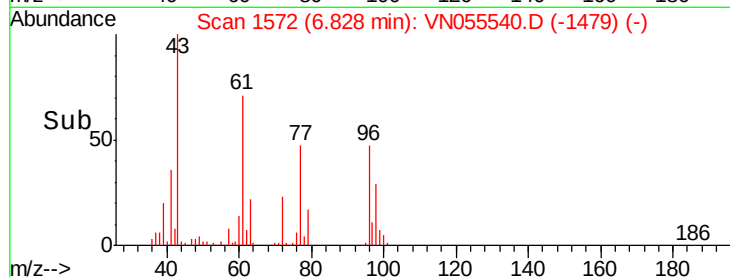
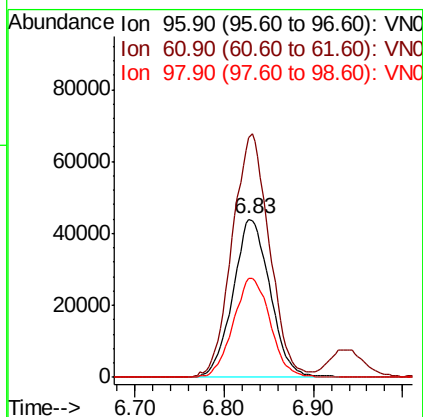
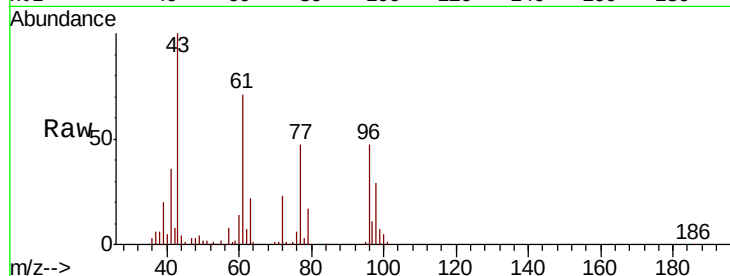




#27
 cis-1,2-Dichloroethene
 Concen: 16.003 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN055540.D
 Acq: 10 May 2019 10:16

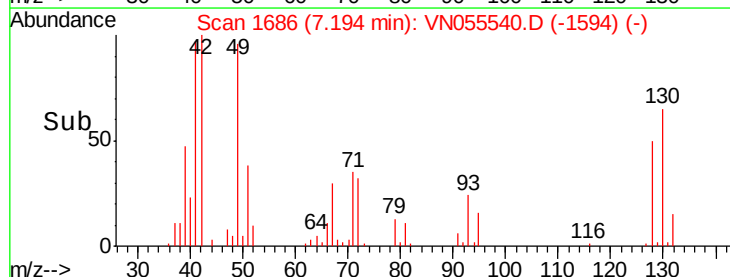
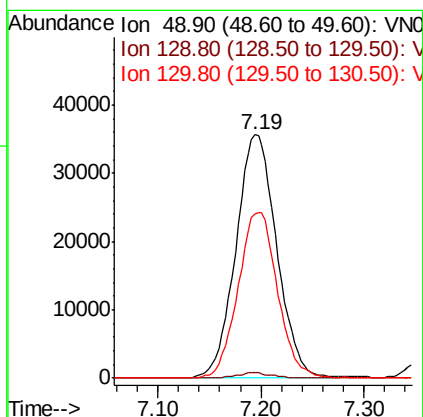
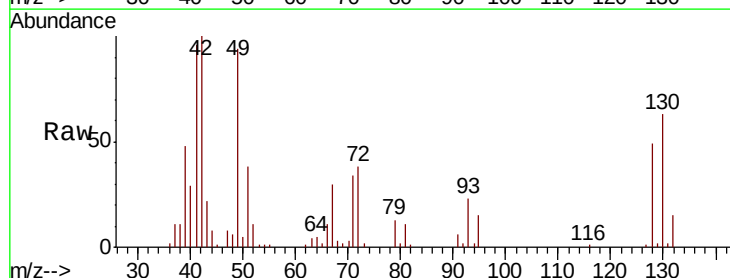
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBS01

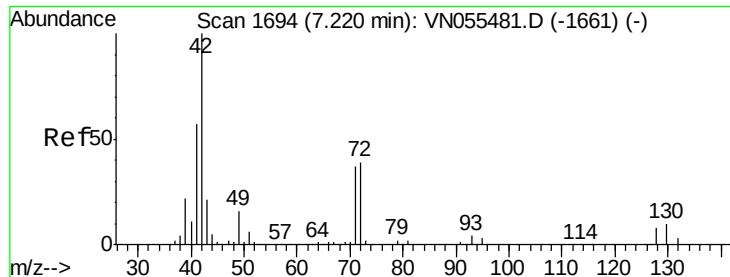
Tot Ion: 96 Resp: 127435
 Ion Ratio Lower Upper
 96 100
 61 153.5 0.0 310.8
 98 62.2 0.0 129.4



#28
 Bromochloromethane
 Concen: 13.211 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN055540.D
 Acq: 10 May 2019 10:16

Tgt Ion: 49 Resp: 97979
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.2
 130 65.8 49.5 74.3

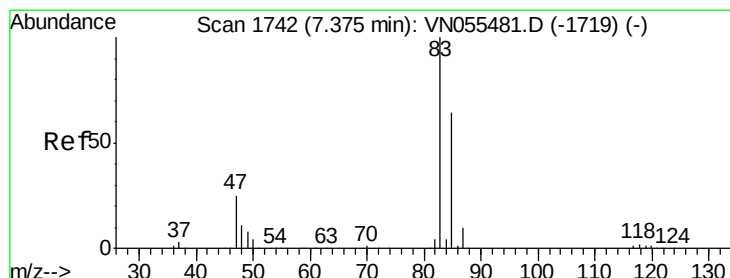
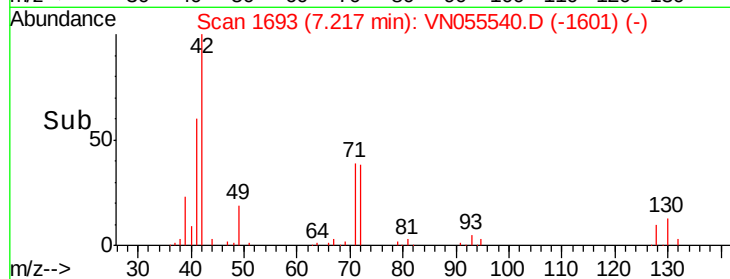
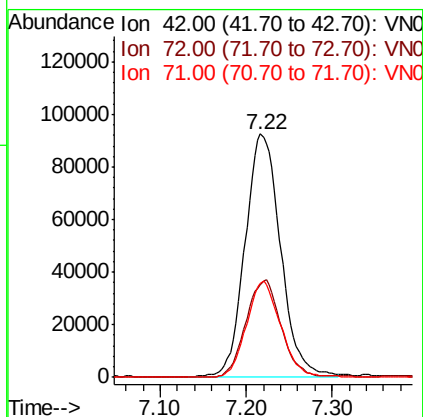
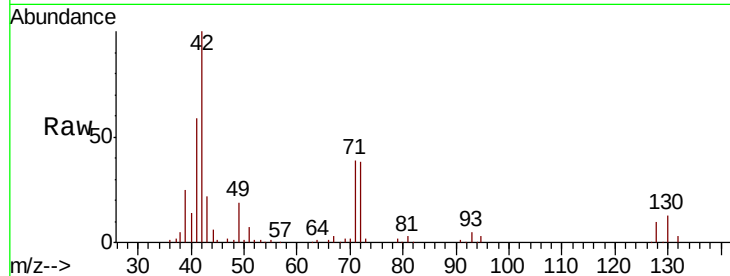




#29
Tetrahydrofuran
Concen: 71.400 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VN055540.D
Acq: 10 May 2019 10:16

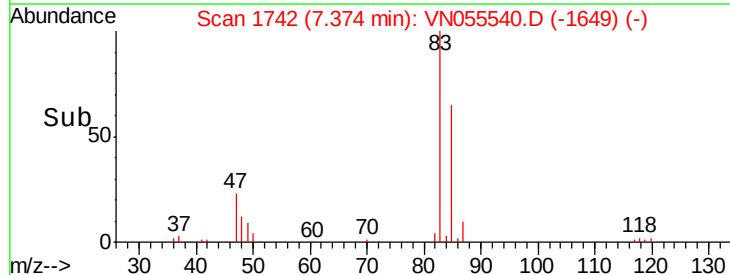
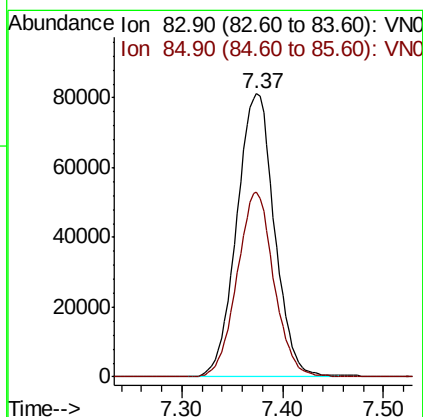
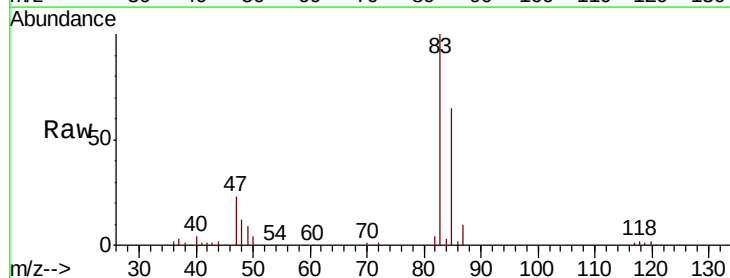
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBS01

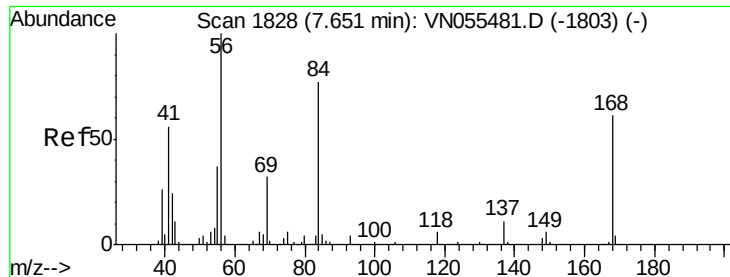
Tot Ion: 42 Resp: 264329
Ion Ratio Lower Upper
42 100
72 39.9 31.0 46.6
71 38.3 29.4 44.2



#30
Chloroform
Concen: 15.933 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN055540.D
Acq: 10 May 2019 10:16

Tgt Ion: 83 Resp: 210347
Ion Ratio Lower Upper
83 100
85 65.3 51.3 76.9

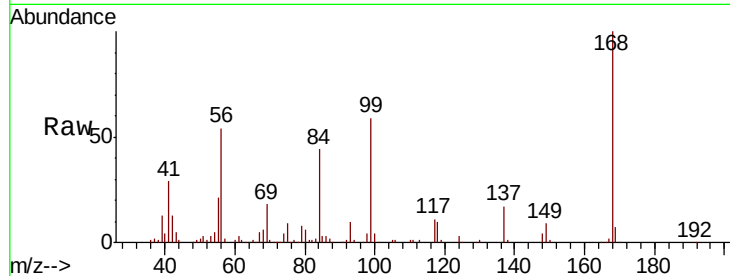




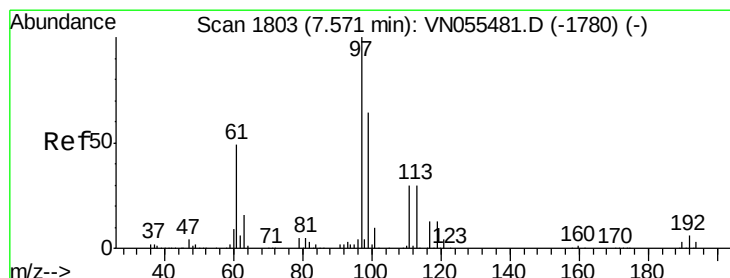
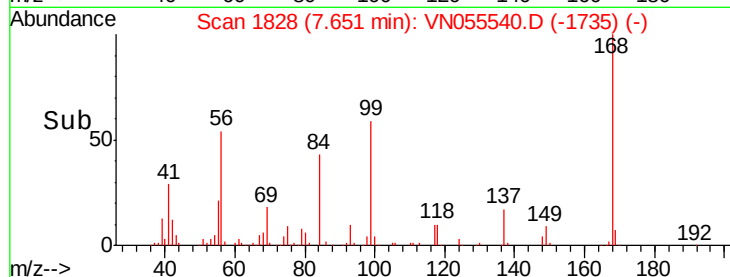
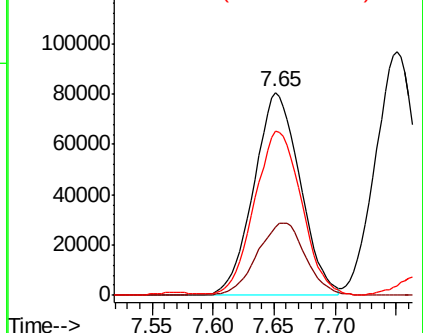
#31
Cyclohexane
Concen: 15.011 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN055540.D
Acq: 10 May 2019 10:16

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBS01

Tot Ion: 56 Resp: 212104
Ion Ratio Lower Upper
56 100
69 33.7 26.0 39.0
84 79.6 61.9 92.9

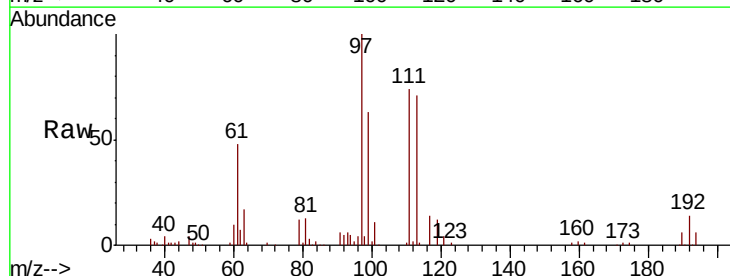


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

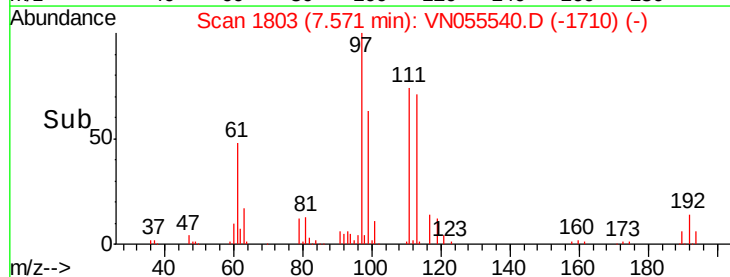
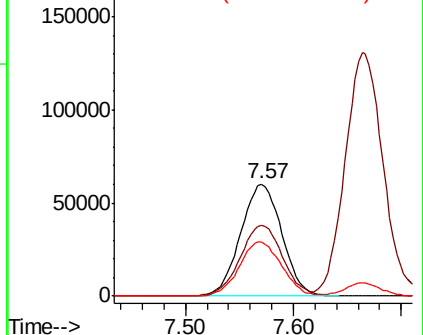


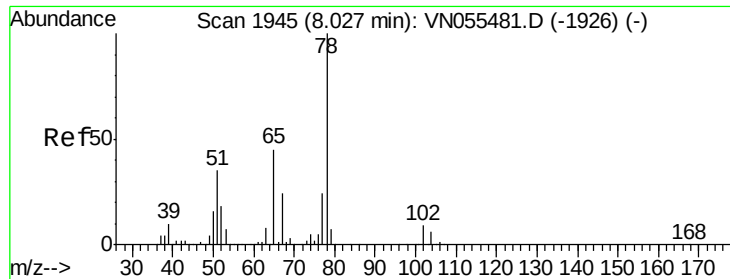
#32
1,1,1-Trichloroethane
Concen: 15.895 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN055540.D
Acq: 10 May 2019 10:16

Tgt Ion: 97 Resp: 159804
Ion Ratio Lower Upper
97 100
99 64.7 51.2 76.8
61 49.7 39.2 58.8



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

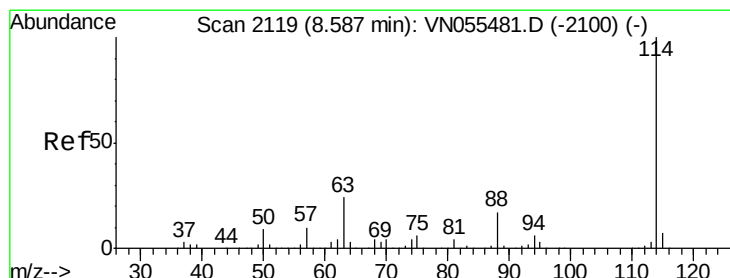
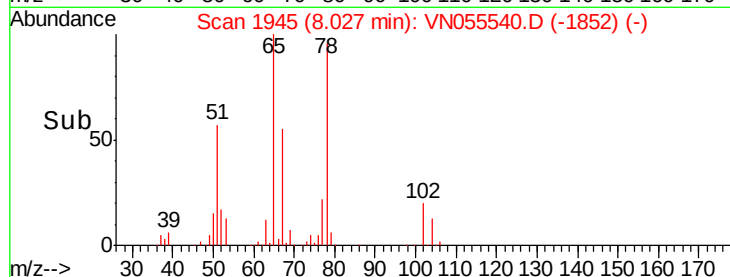
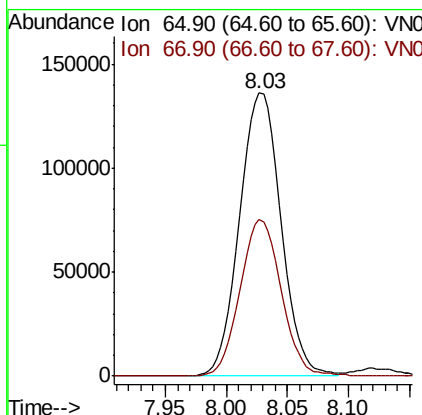
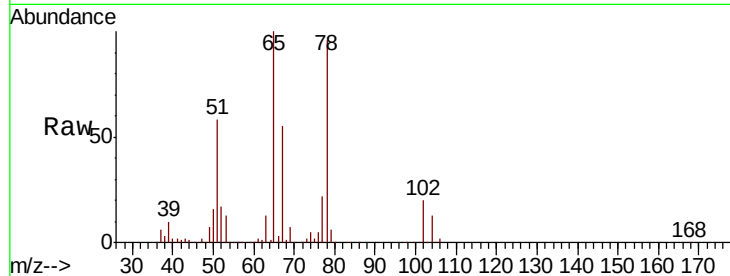




#33
 1,2-Dichloroethane-d4
 Concen: 36.659 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055540.D
 Acq: 10 May 2019 10:16

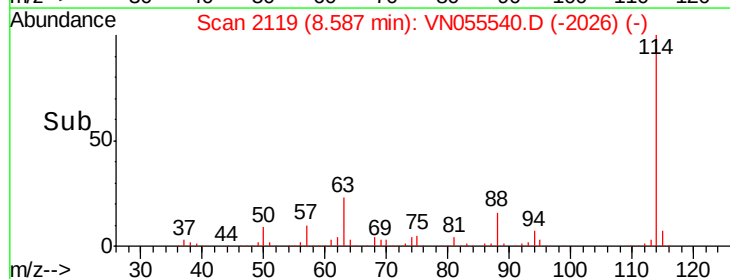
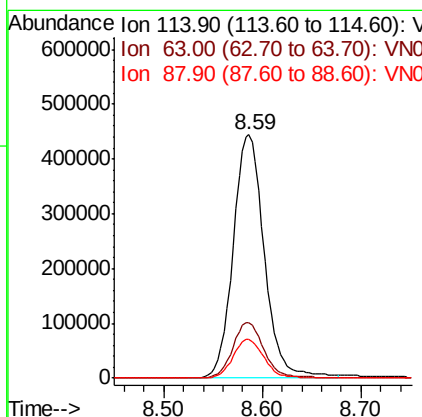
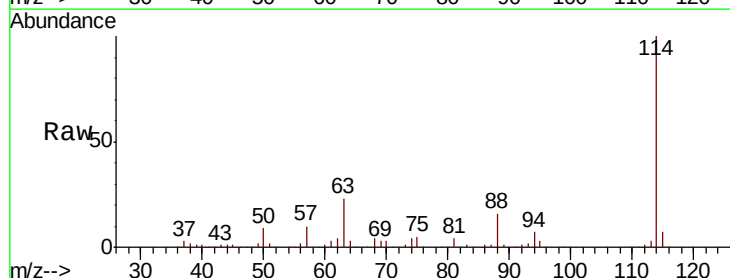
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBS01

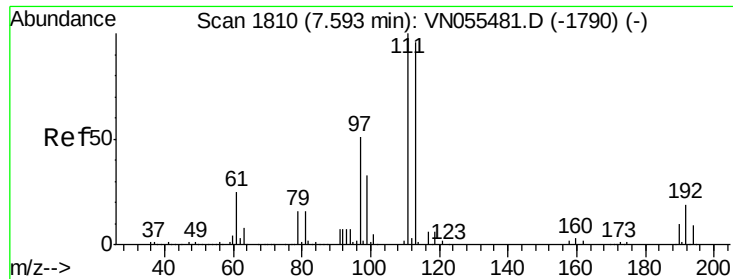
Tot Ion: 65 Resp: 320955
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055540.D
 Acq: 10 May 2019 10:16

Tgt Ion: 114 Resp: 976547
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 47.4
 88 16.0 0.0 34.0





#35

Dibromofluoromethane

Concen: 39.192 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

Instrument :

MSVOA_N

ClientSampled :

VN0510WBS01

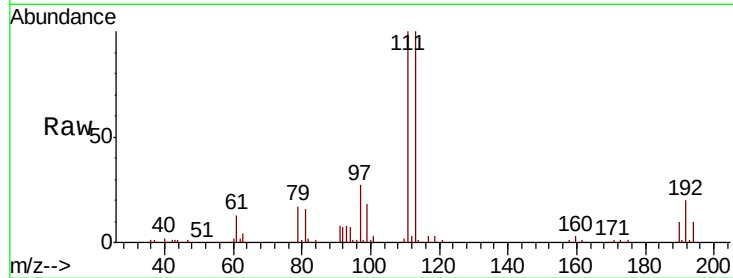
Tot Ion:113 Resp: 246892

Ion Ratio Lower Upper

113 100

111 101.5 82.9 124.3

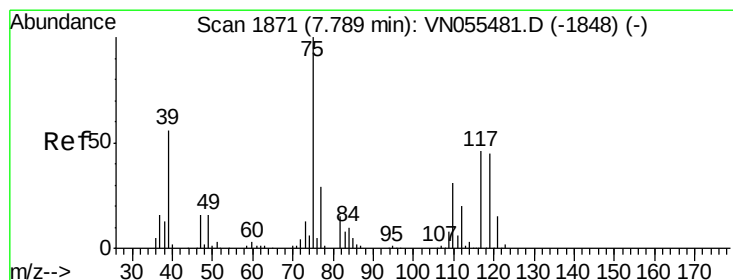
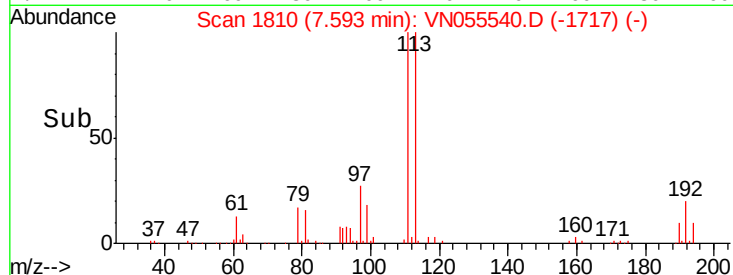
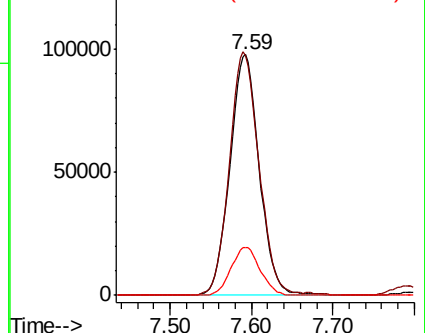
192 19.8 15.6 23.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 16.396 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

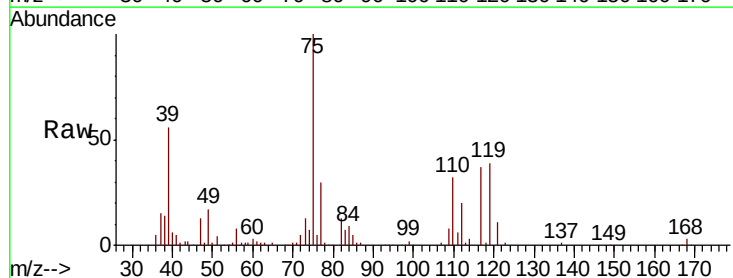
Tgt Ion: 75 Resp: 157741

Ion Ratio Lower Upper

75 100

110 32.5 16.1 48.3

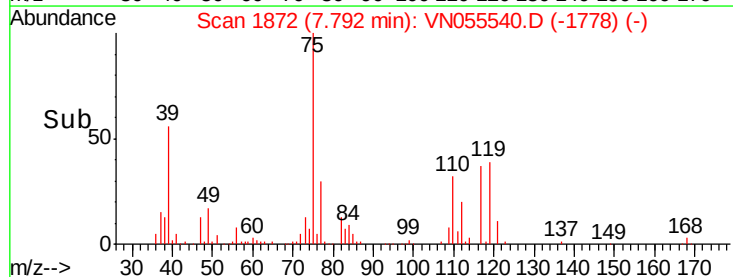
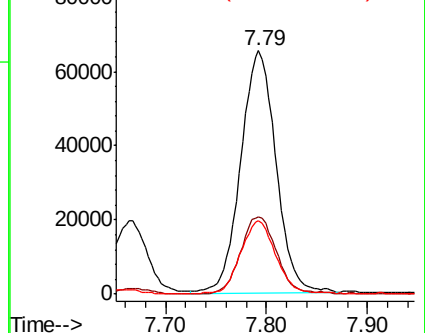
77 30.7 24.6 37.0

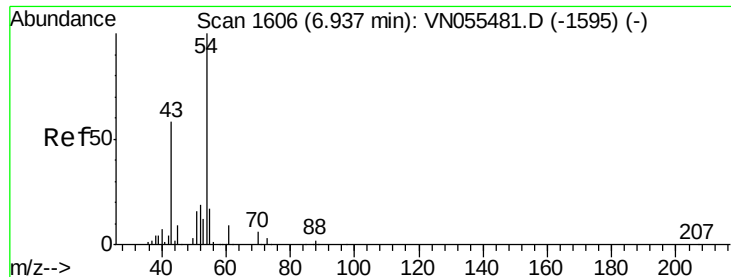


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

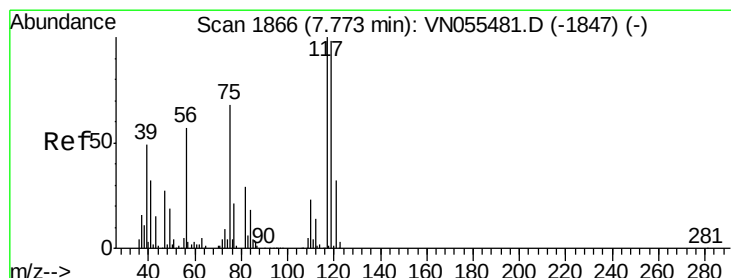
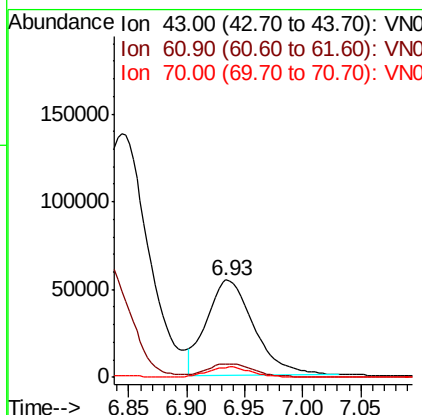
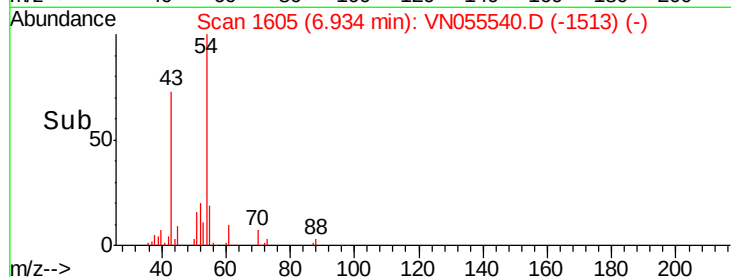
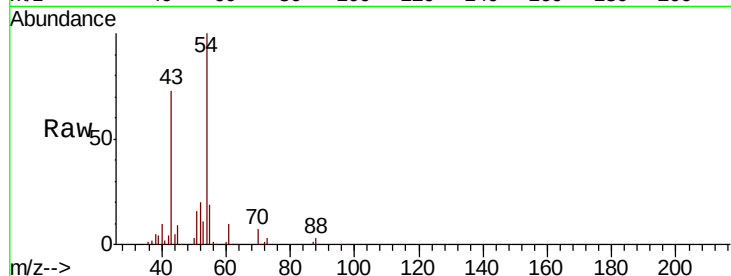




#37
Ethyl Acetate
Concen: 14.730 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN055540.D
Acq: 10 May 2019 10:16

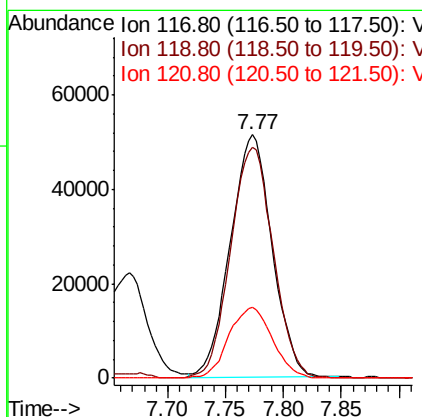
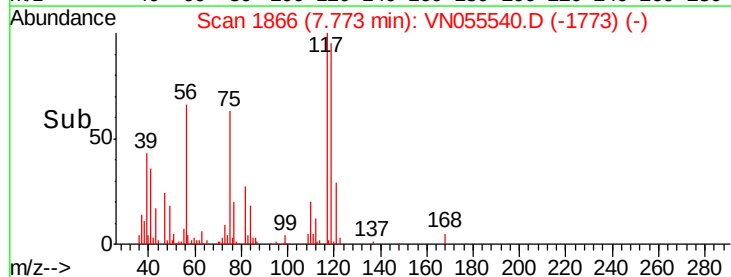
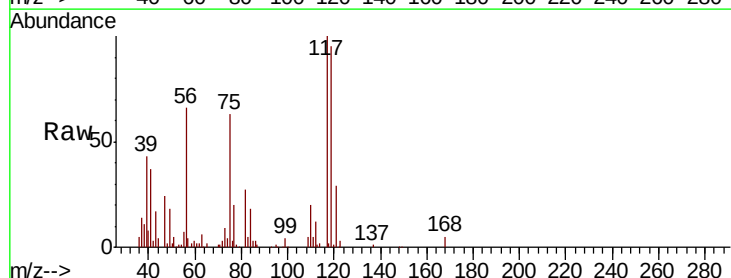
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBS01

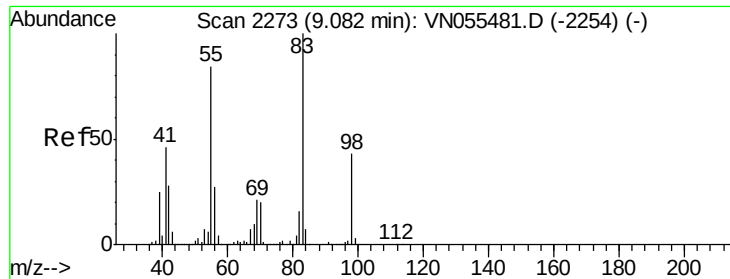
Tot Ion: 43 Resp: 154583
Ion Ratio Lower Upper
43 100
61 13.6 10.9 16.3
70 10.2 7.0 10.6



#38
Carbon Tetrachloride
Concen: 15.827 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN055540.D
Acq: 10 May 2019 10:16

Tgt Ion: 117 Resp: 128214
Ion Ratio Lower Upper
117 100
119 95.0 77.8 116.6
121 29.2 25.2 37.8

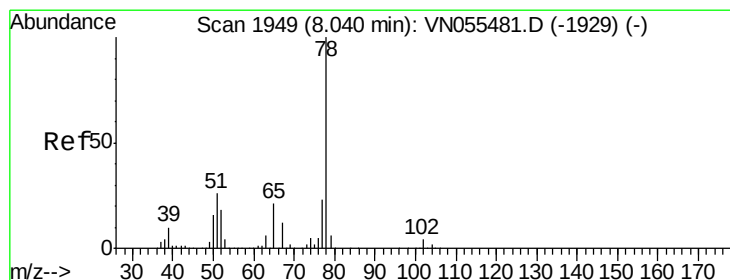
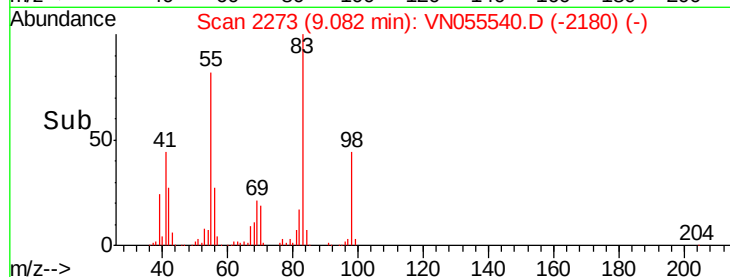
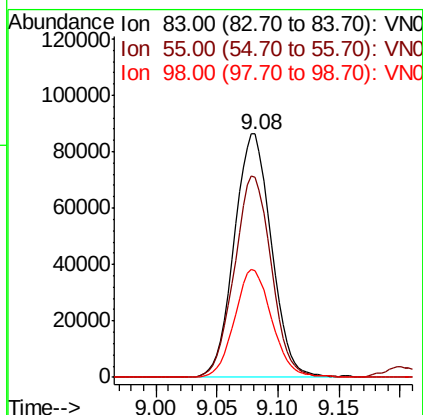
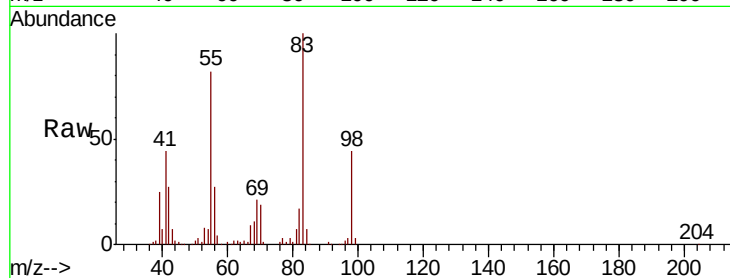




#39
Methylvlcyclohexane
Concen: 15.559 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN055540.D
Acq: 10 May 2019 10:16

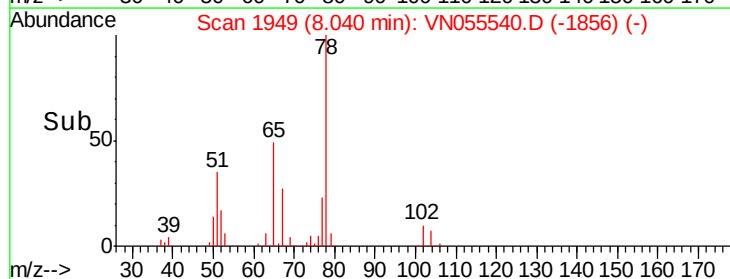
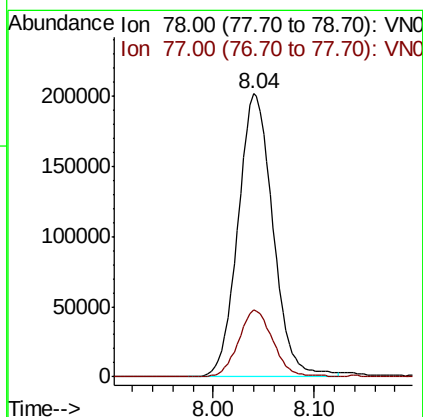
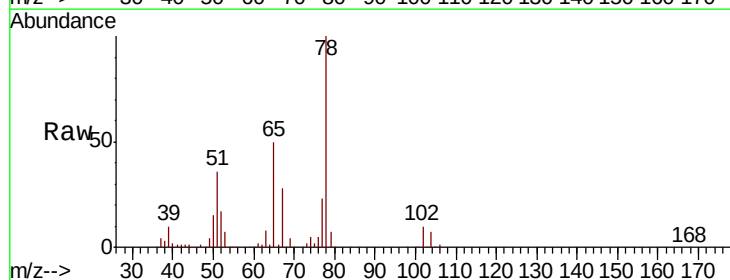
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBS01

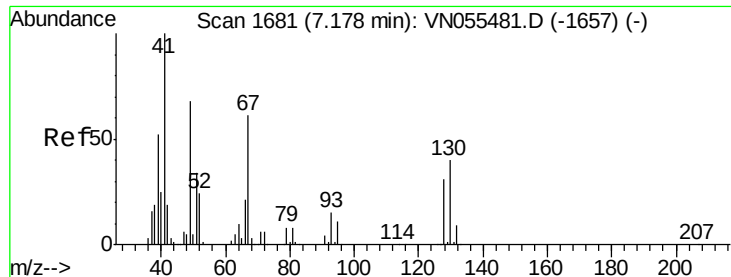
Tot Ion: 83 Resp: 182512
Ion Ratio Lower Upper
83 100
55 82.3 67.0 100.4
98 43.9 34.2 51.4



#40
Benzene
Concen: 16.234 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN055540.D
Acq: 10 May 2019 10:16

Tgt Ion: 78 Resp: 484732
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8





#41

Methacrylonitrile

Concen: 14.574 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBS01

Tot Ion: 41 Resp: 70988

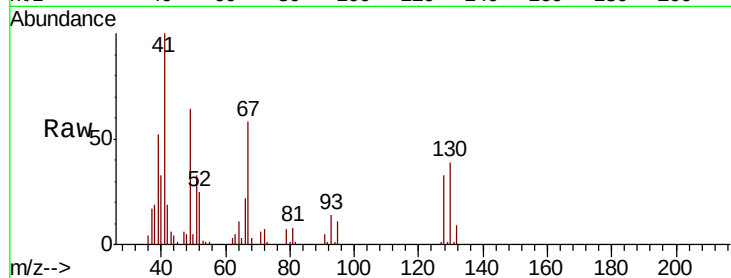
Ion Ratio Lower Upper

41 100

39 52.7 44.7 67.1

67 86.9 61.4 92.0

52 35.9 25.0 37.4



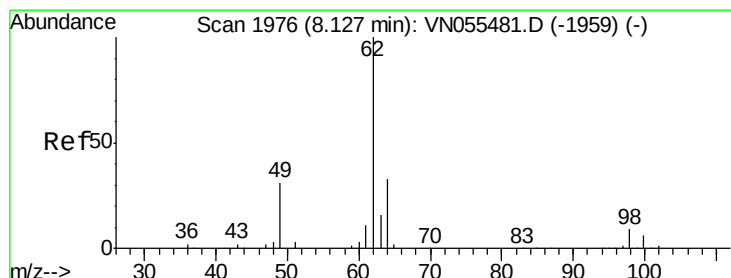
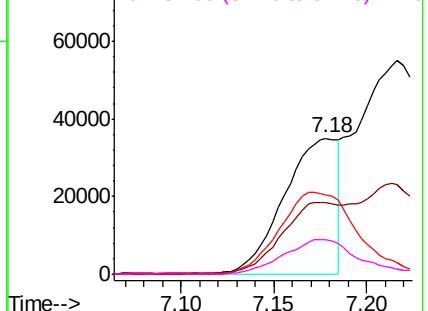
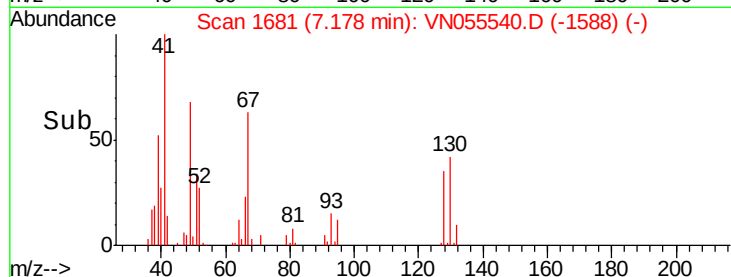
Abundance

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: 16.286 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN055540.D

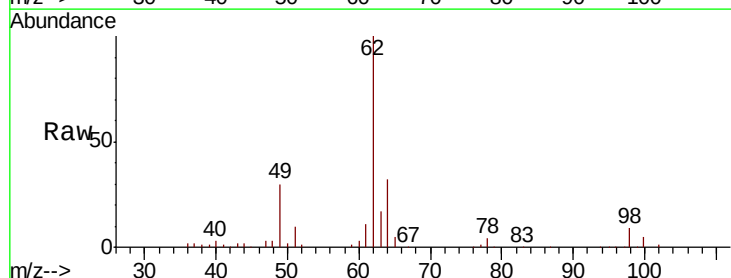
Acq: 10 May 2019 10:16

Tgt Ion: 62 Resp: 170840

Ion Ratio Lower Upper

62 100

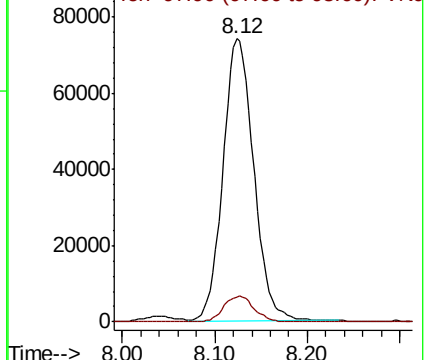
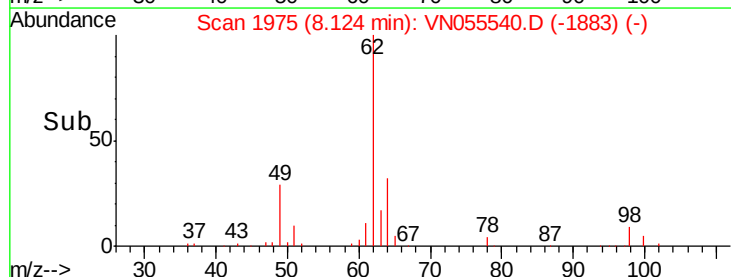
98 9.0 0.0 17.4

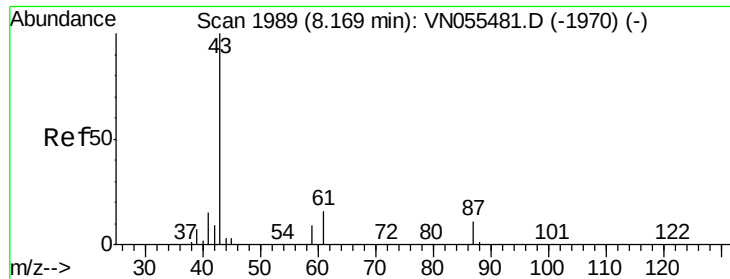


Abundance

Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 15.028 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

Instrument :

MSVOA_N

ClientSampled :

VN0510WBS01

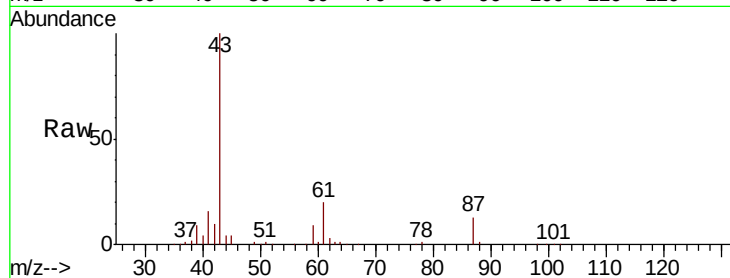
Tot Ion: 43 Resp: 239598

Ion Ratio Lower Upper

43 100

61 19.7 15.1 22.7

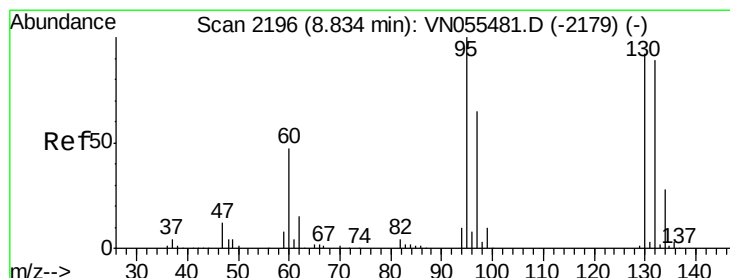
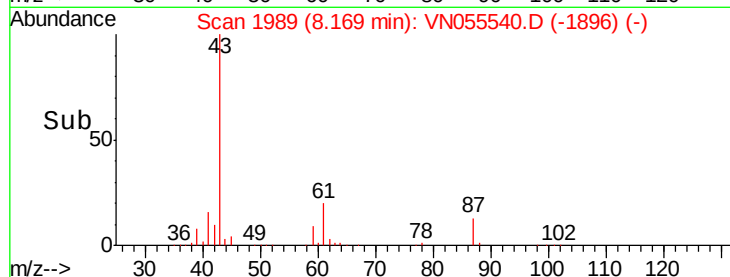
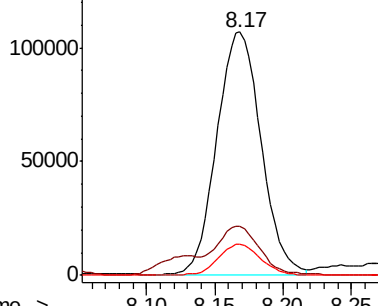
87 12.4 9.0 13.6



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) (-)



#44

Trichloroethene

Concen: 16.155 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN055540.D

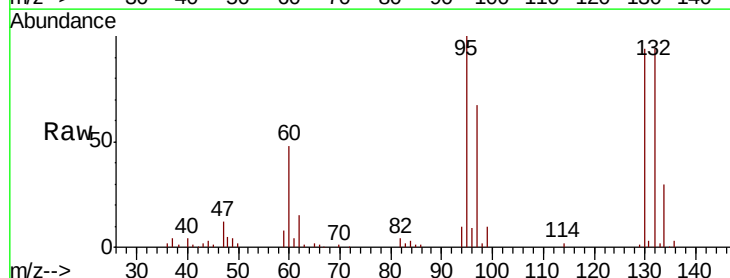
Acq: 10 May 2019 10:16

Tgt Ion:130 Resp: 114777

Ion Ratio Lower Upper

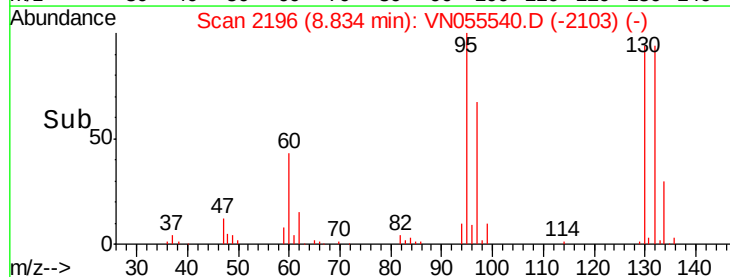
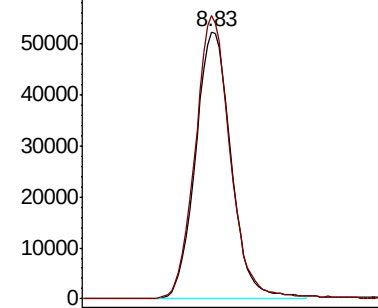
130 100

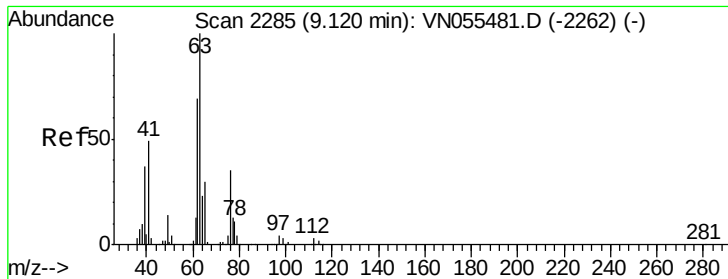
95 105.5 0.0 216.8



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

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





#45

1,2-Dichloropropane

Concen: 16.490 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

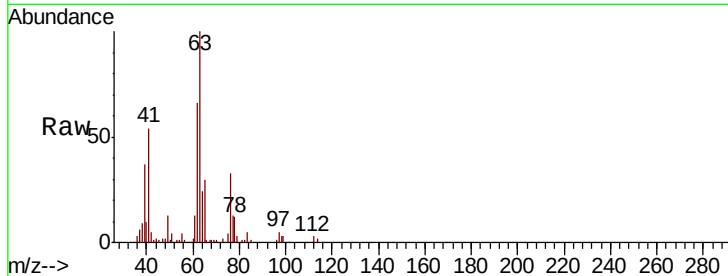
VN0510WBS01

Tot Ion: 63 Resp: 140883

Ion Ratio Lower Upper

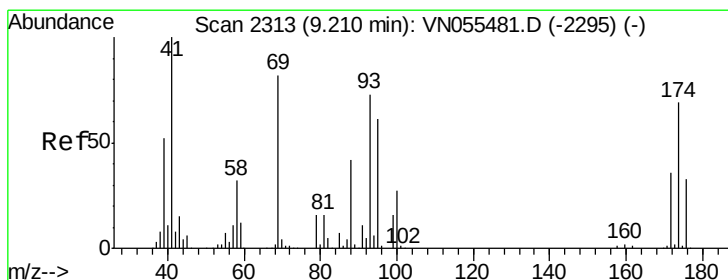
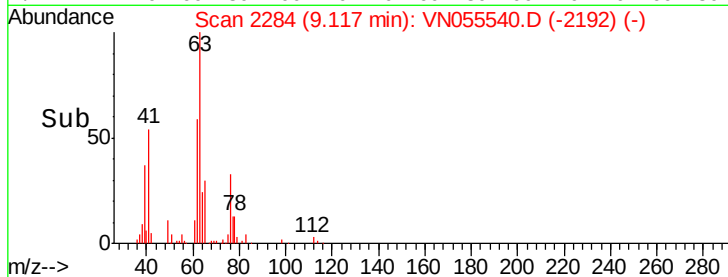
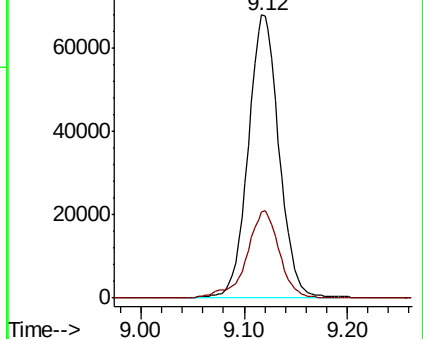
63 100

65 30.4 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 16.161 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

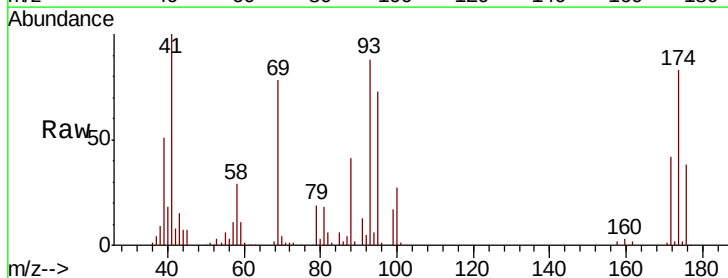
Tgt Ion: 93 Resp: 80029

Ion Ratio Lower Upper

93 100

95 82.8 64.8 97.2

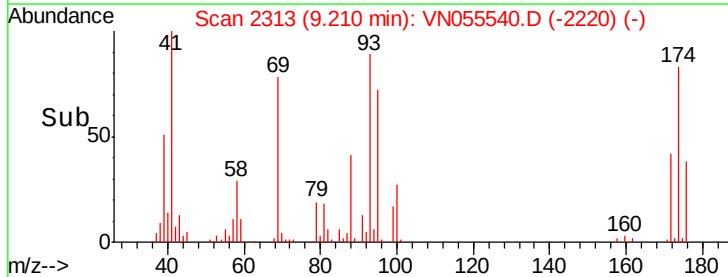
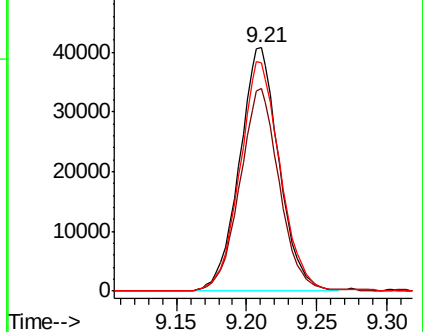
174 95.6 75.0 112.6

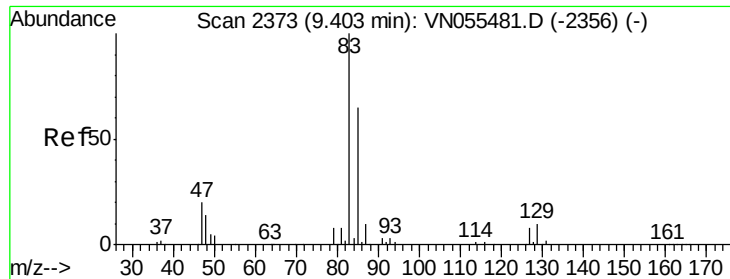


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 15.908 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBS01

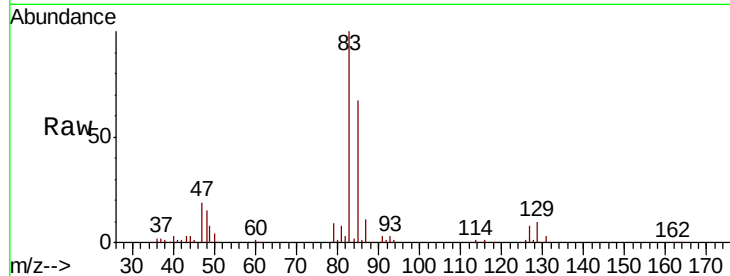
Tot Ion: 83 Resp: 150703

Ion Ratio Lower Upper

83 100

85 66.9 52.2 78.2

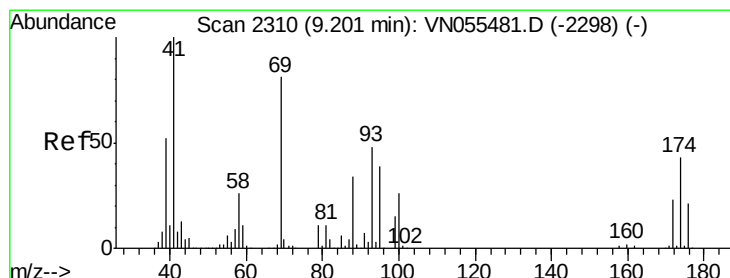
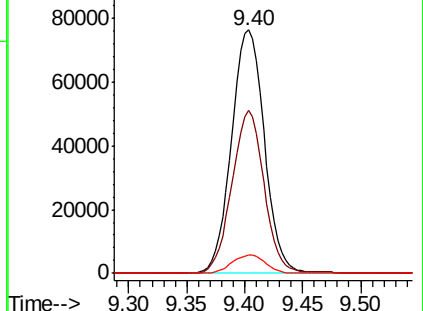
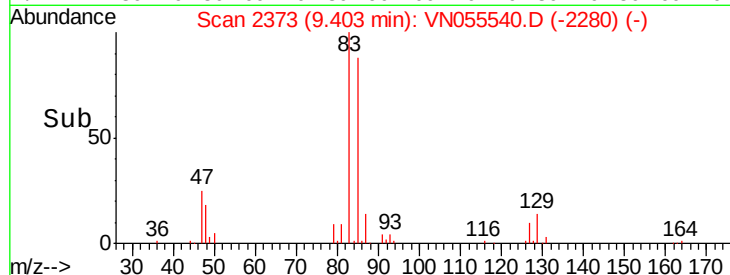
127 7.6 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN055540.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055540.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055540.D (-2280) (-)



#48

Methyl methacrylate

Concen: 14.839 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

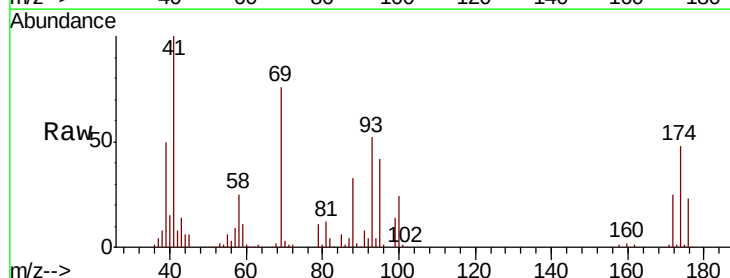
Tgt Ion: 41 Resp: 113993

Ion Ratio Lower Upper

41 100

69 82.3 64.2 96.2

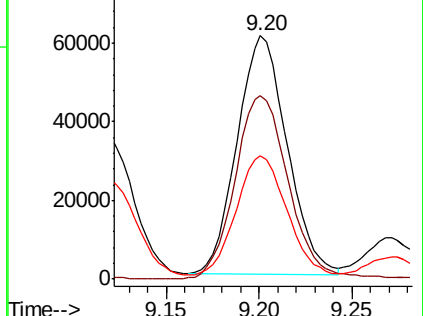
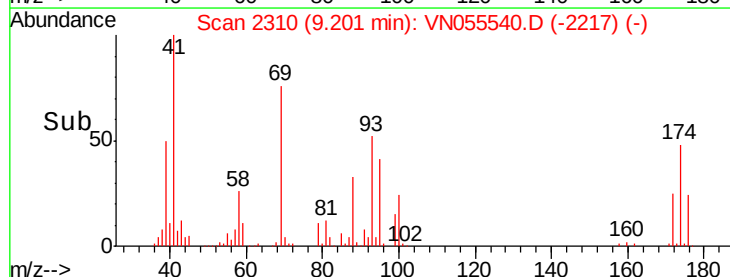
39 52.8 41.6 62.4

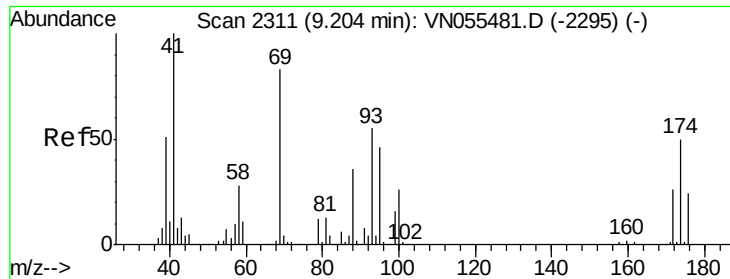


Abundance Ion 41.00 (40.70 to 41.70): VN055540.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055540.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055540.D (-2217) (-)

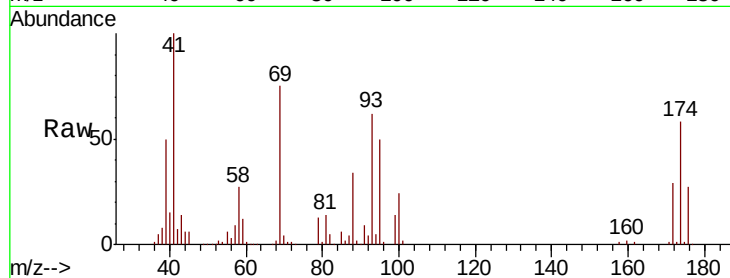




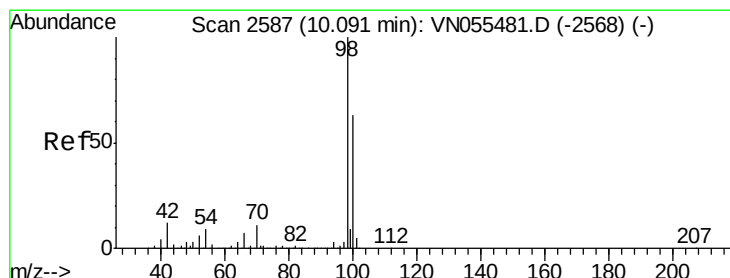
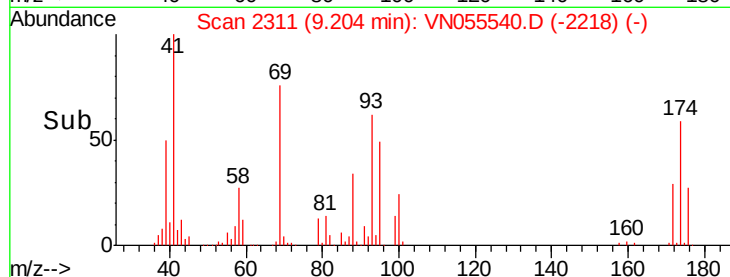
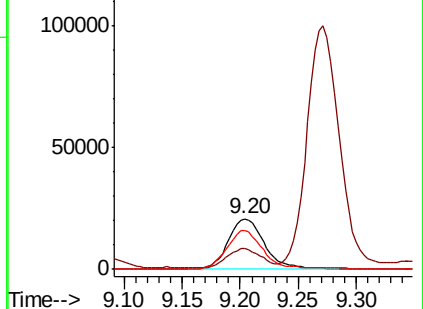
#49
 1,4-Dioxane
 Concen: 304.800 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN055540.D
 Acq: 10 May 2019 10:16

Instrument :
 MSVOA_N
 ClientSampled :
 VN0510WBS01

Tot Ion: 88 Resp: 45635
 Ion Ratio Lower Upper
 88 100
 43 34.9 27.8 41.8
 58 74.6 61.8 92.6

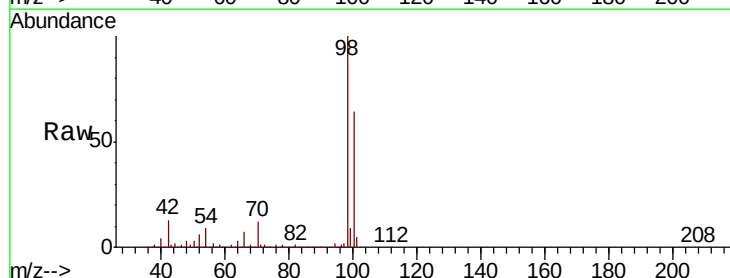


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

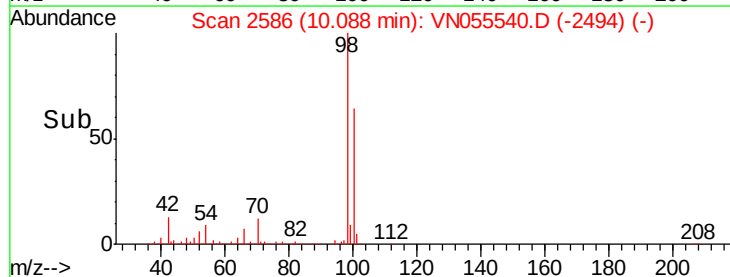
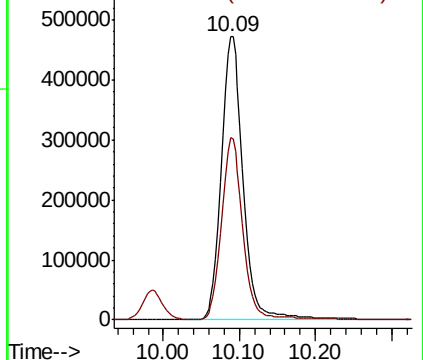


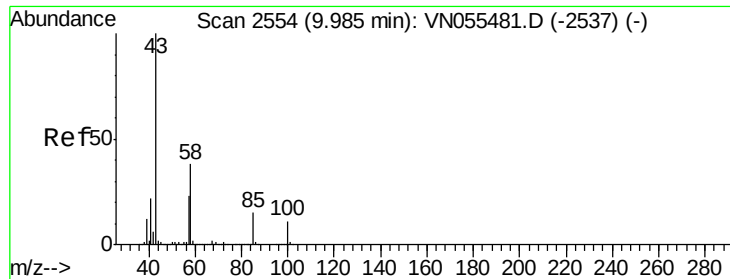
#50
 Toluene-d8
 Concen: 38.406 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: VN055540.D
 Acq: 10 May 2019 10:16

Tgt Ion: 98 Resp: 942806
 Ion Ratio Lower Upper
 98 100
 100 61.5 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: 72.383 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

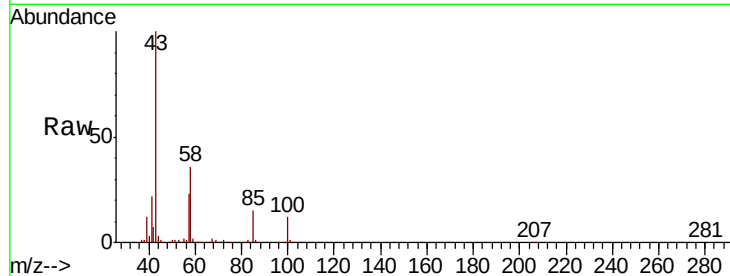
VN0510WBS01

Tot Ion: 43 Resp: 759009

Ion Ratio Lower Upper

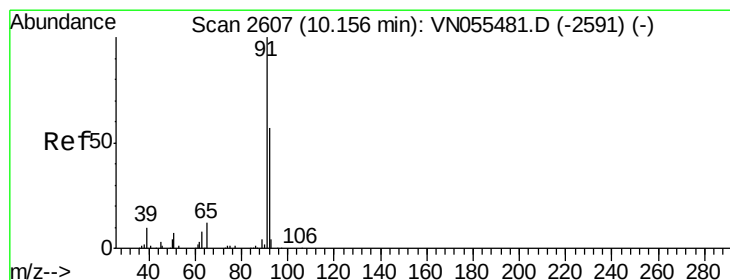
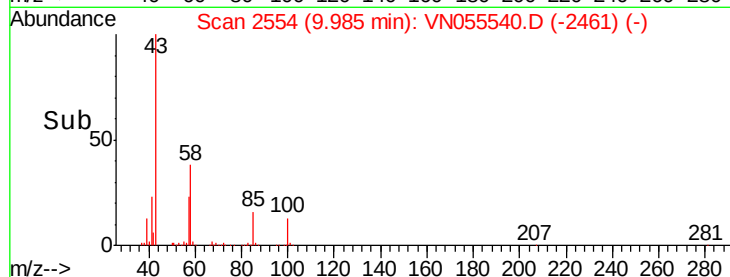
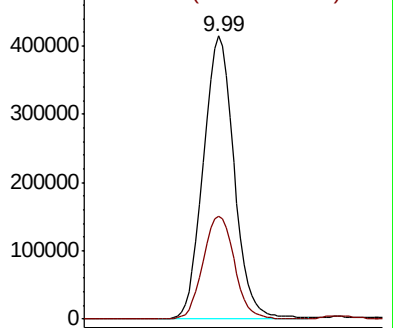
43 100

58 37.1 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 16.240 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055540.D

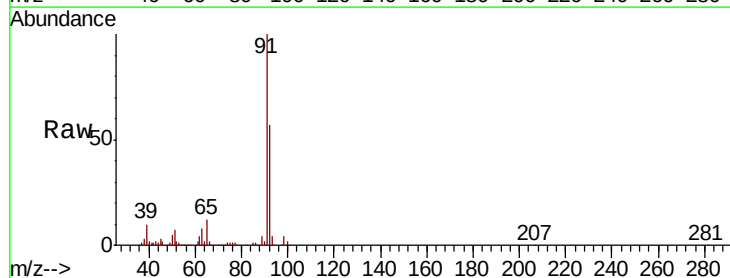
Acq: 10 May 2019 10:16

Tgt Ion: 92 Resp: 277211

Ion Ratio Lower Upper

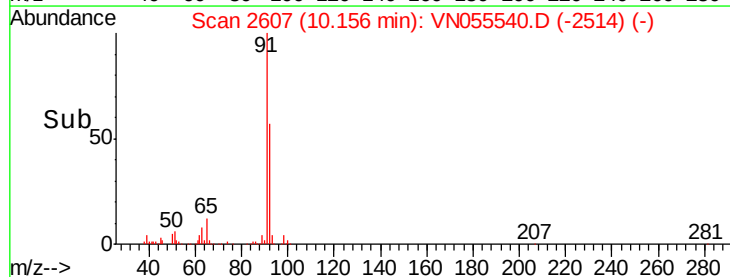
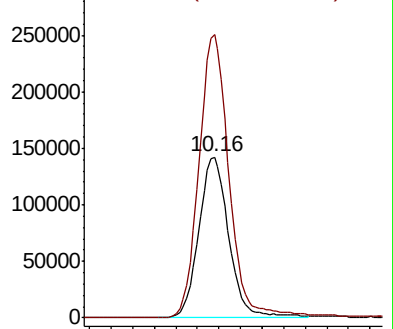
92 100

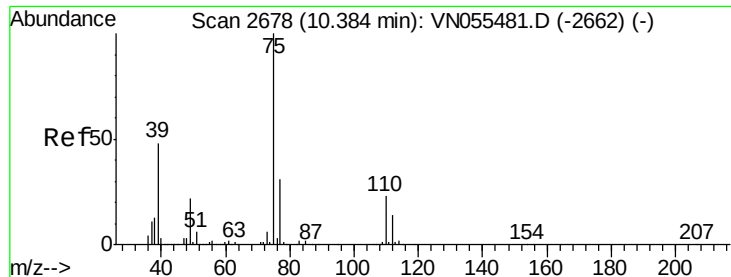
91 176.3 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 15.654 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

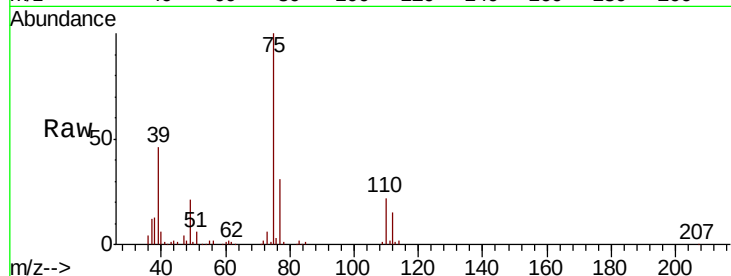
VN0510WBS01

Tot Ion: 75 Resp: 142431

Ion Ratio Lower Upper

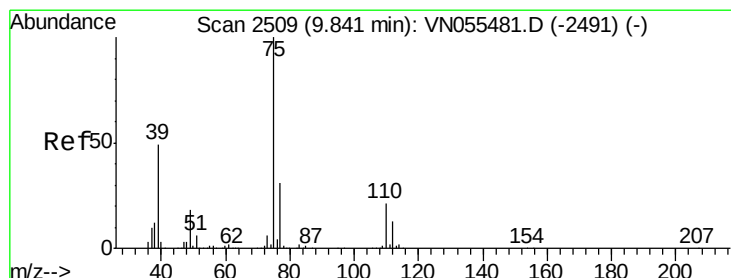
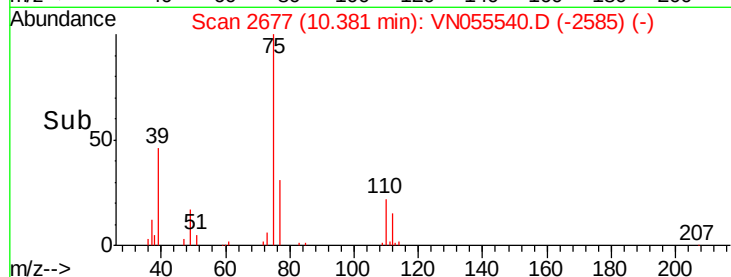
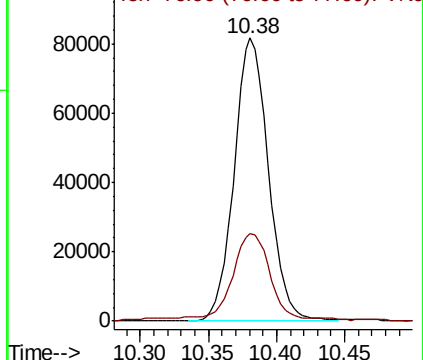
75 100

77 30.0 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 16.185 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

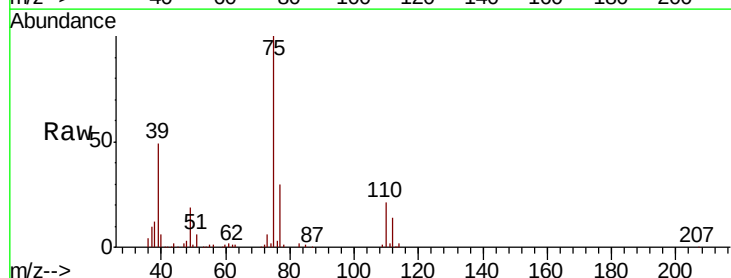
Tgt Ion: 75 Resp: 175967

Ion Ratio Lower Upper

75 100

77 30.3 24.4 36.6

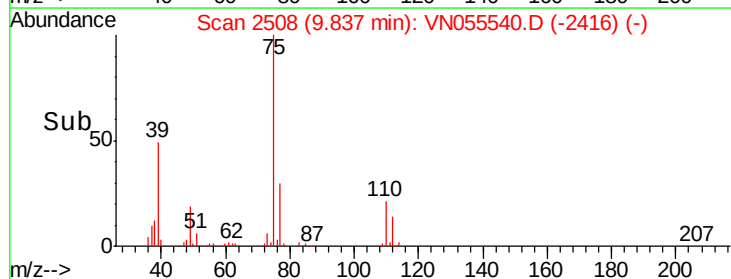
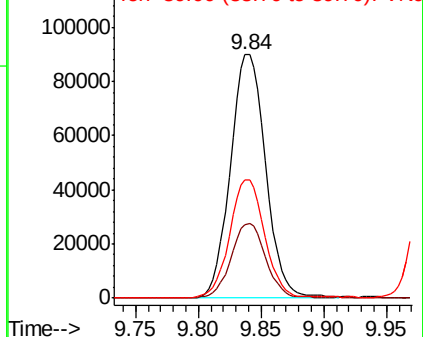
39 48.6 39.5 59.3

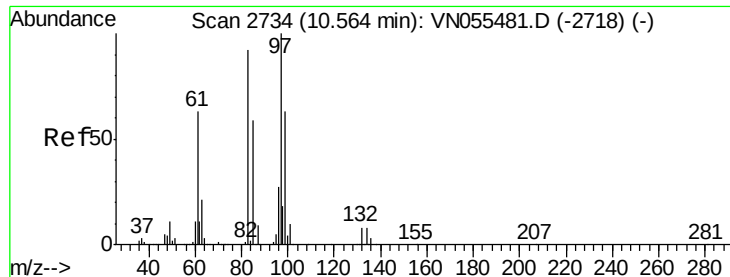


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 16.422 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBS01

Tot Ion: 97 Resp: 113581

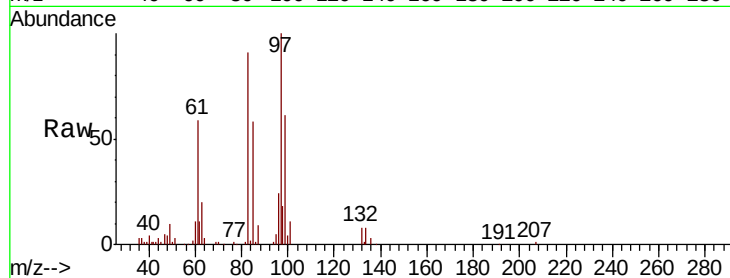
Ion Ratio Lower Upper

97 100

83 91.1 73.2 109.8

85 58.2 47.5 71.3

99 61.2 50.2 75.2

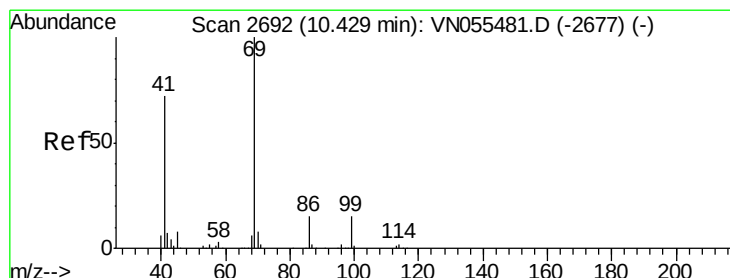
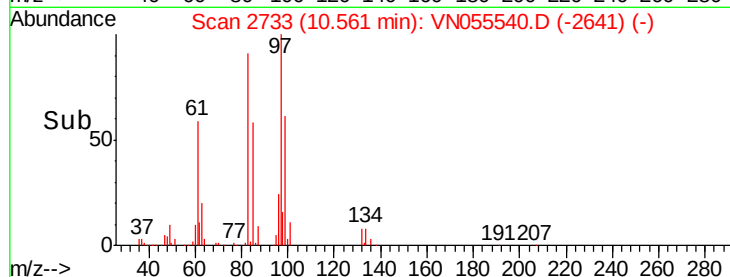
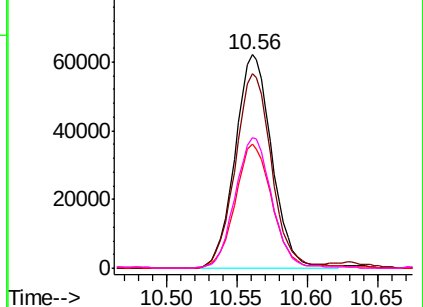


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 14.925 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

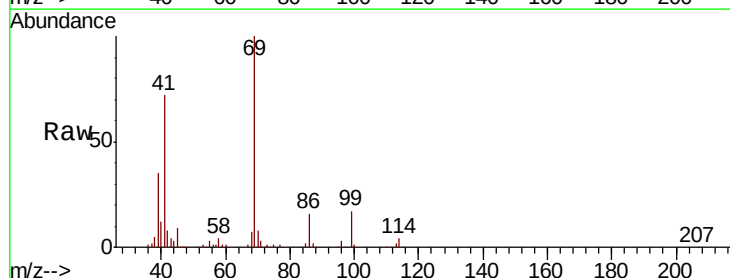
Tgt Ion: 69 Resp: 153536

Ion Ratio Lower Upper

69 100

41 70.9 56.2 84.2

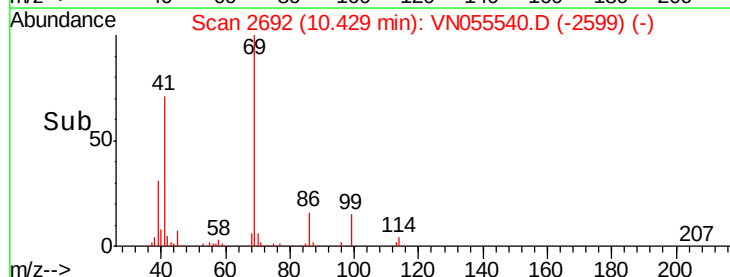
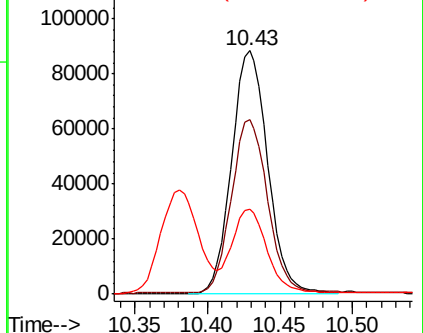
39 33.5 27.8 41.6

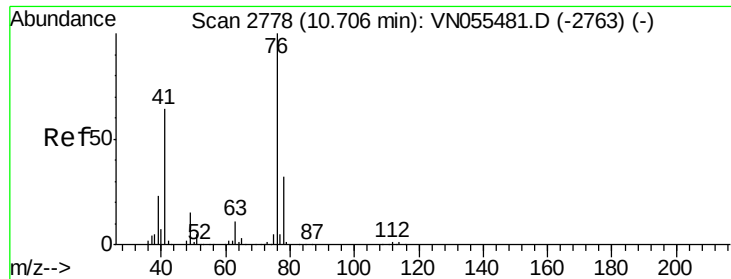


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

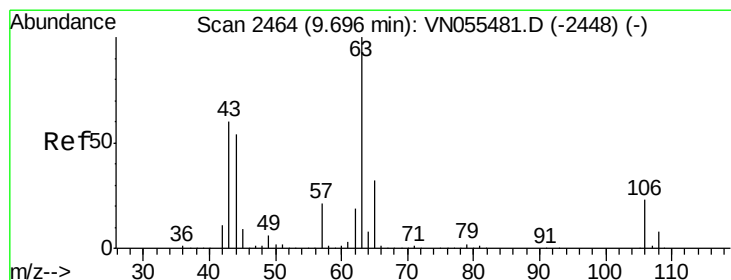
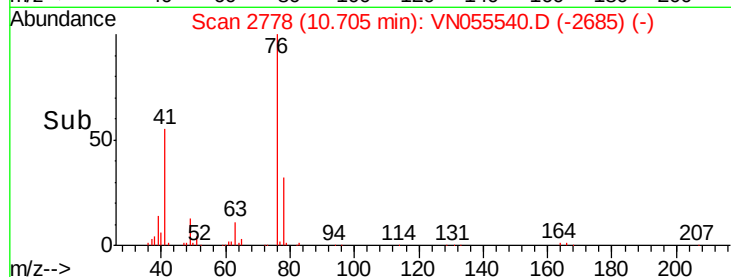
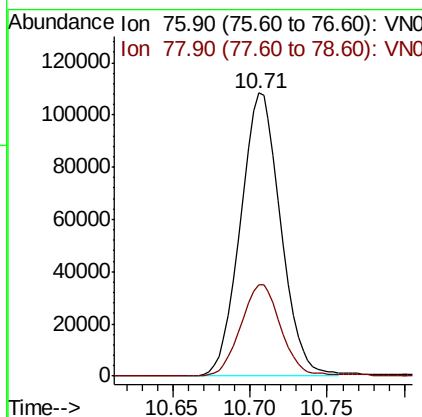
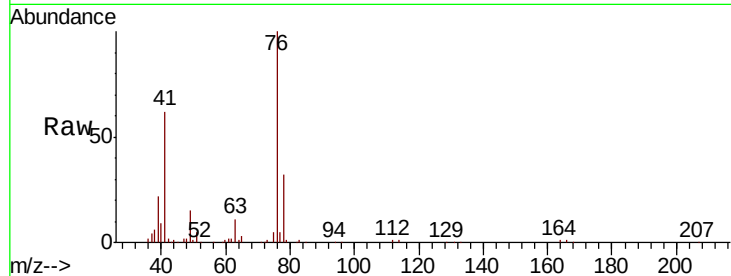




#57
 1,3-Dichloropropane
 Concen: 15.994 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN055540.D
 Acq: 10 May 2019 10:16

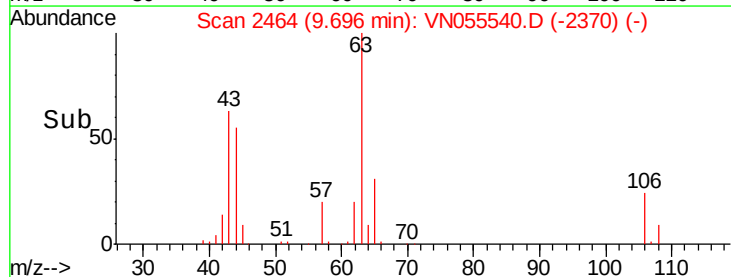
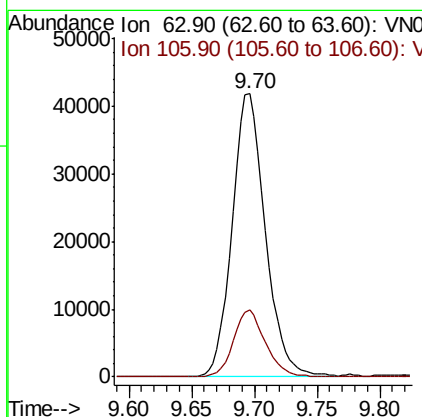
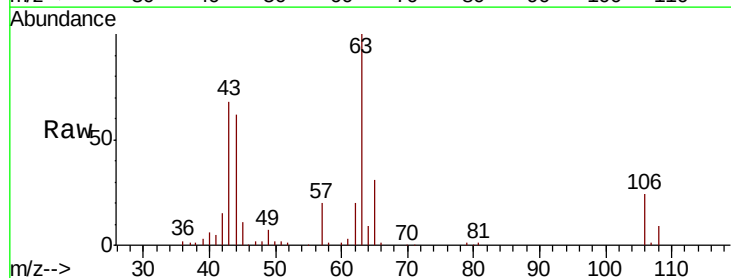
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBS01

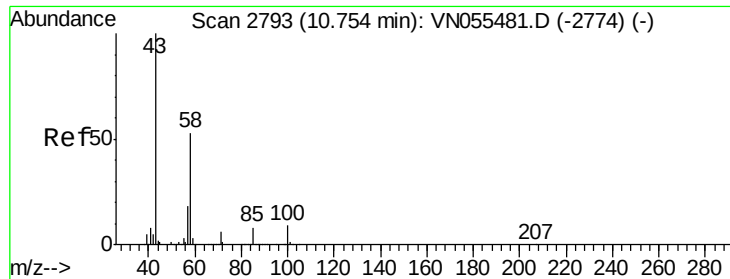
Tot Ion: 76 Resp: 196380
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 33.595 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055540.D
 Acq: 10 May 2019 10:16

Tgt Ion: 63 Resp: 76860
 Ion Ratio Lower Upper
 63 100
 106 22.5 18.6 27.8

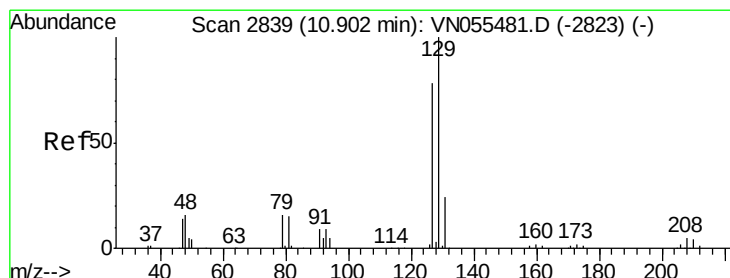
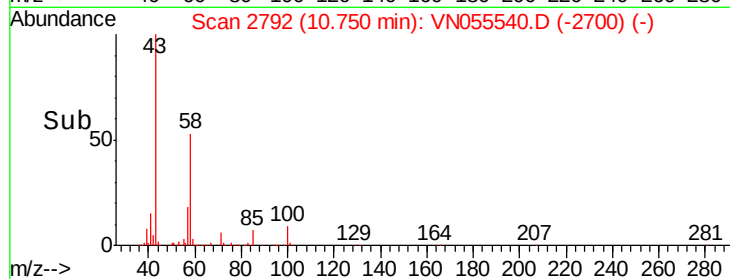
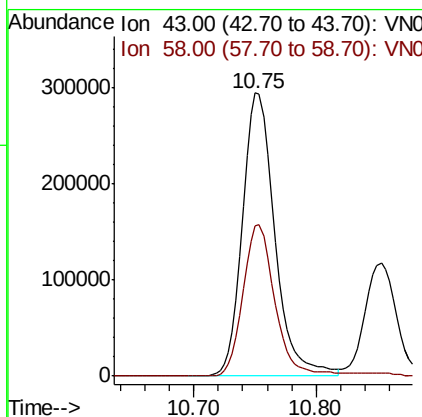
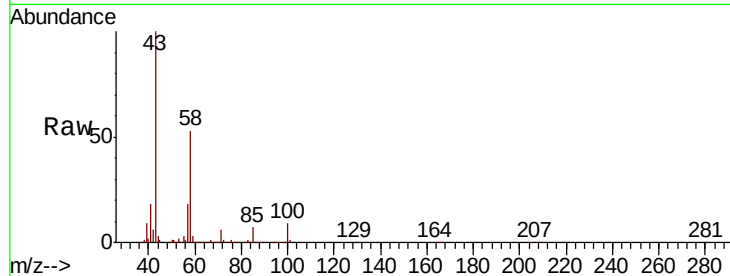




#59
2-Hexanone
Concen: 72.854 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN055540.D
Acq: 10 May 2019 10:16

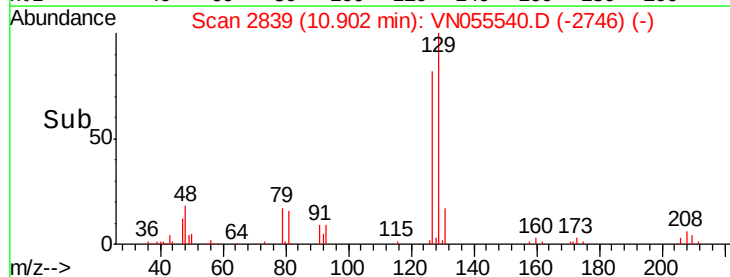
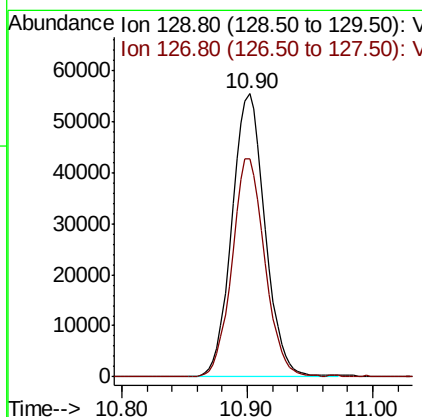
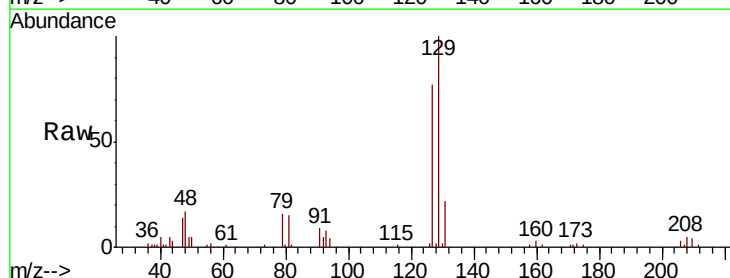
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBS01

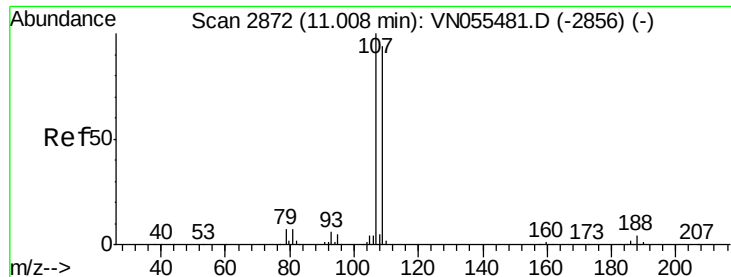
Tot Ion: 43 Resp: 535754
Ion Ratio Lower Upper
43 100
58 52.8 26.4 79.0



#60
Dibromochloromethane
Concen: 16.210 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN055540.D
Acq: 10 May 2019 10:16

Tgt Ion: 129 Resp: 101931
Ion Ratio Lower Upper
129 100
127 76.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 16.099 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

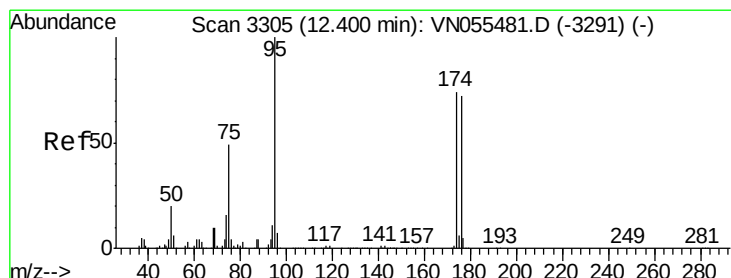
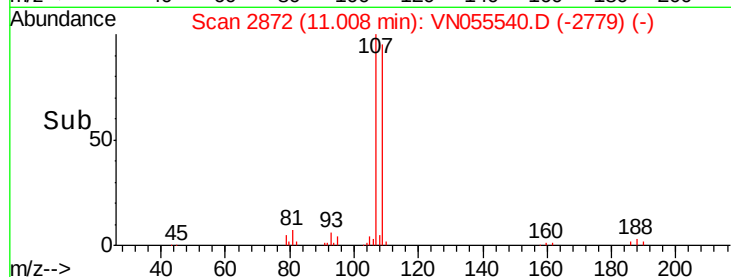
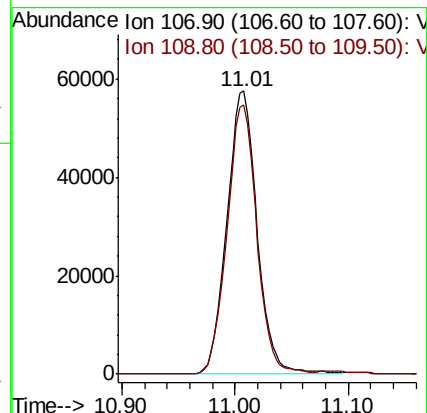
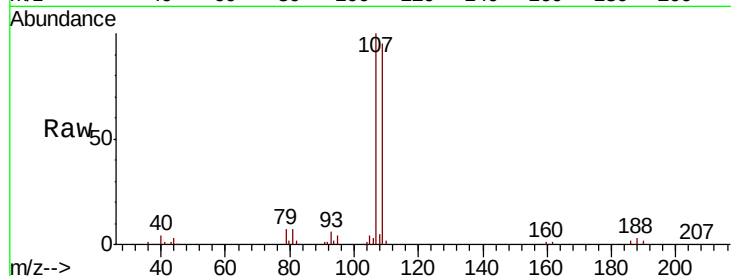
VN0510WBS01

Tot Ion:107 Resp: 106977

Ion Ratio Lower Upper

107 100

109 93.6 74.2 111.4



#62

4-Bromofluorobenzene

Concen: 35.867 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

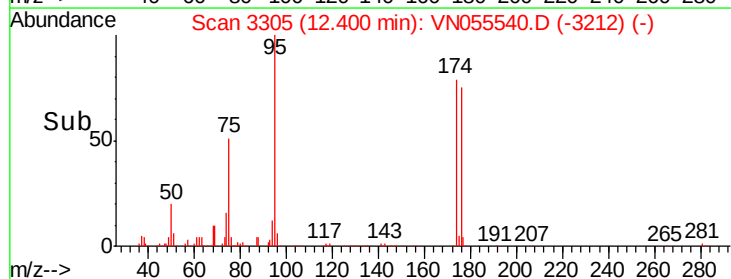
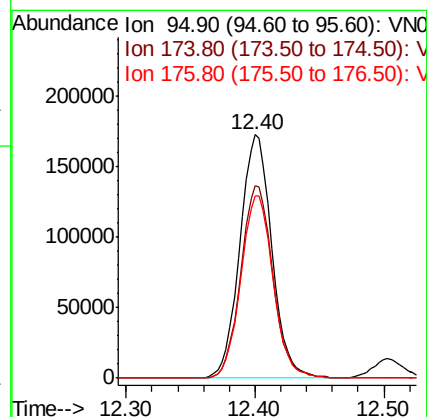
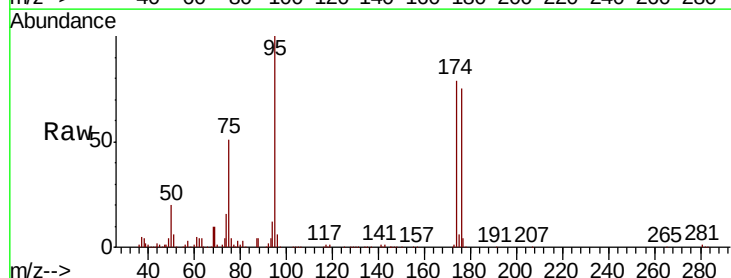
Tgt Ion: 95 Resp: 296886

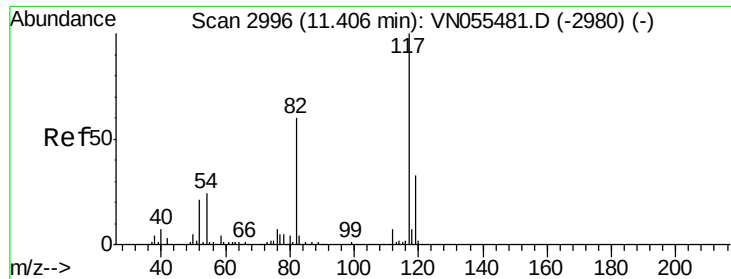
Ion Ratio Lower Upper

95 100

174 79.3 0.0 152.2

176 76.1 0.0 147.8

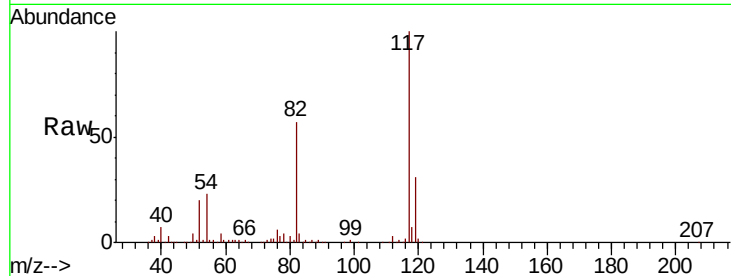




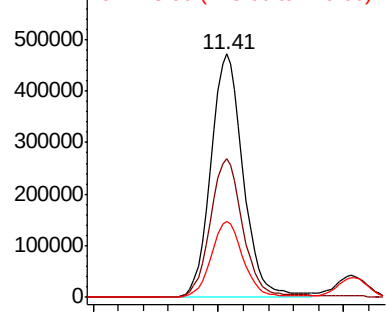
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055540.D
Acq: 10 May 2019 10:16

Instrument :
MSVOA_N
ClientSampleId :
VN0510WBS01

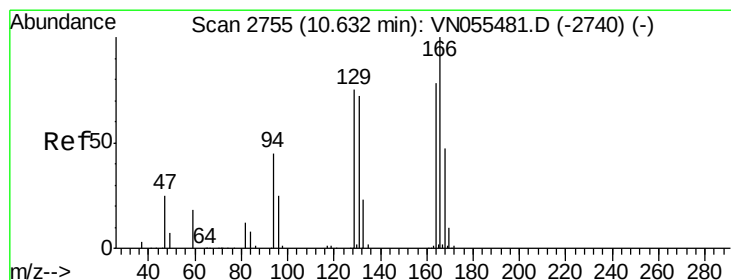
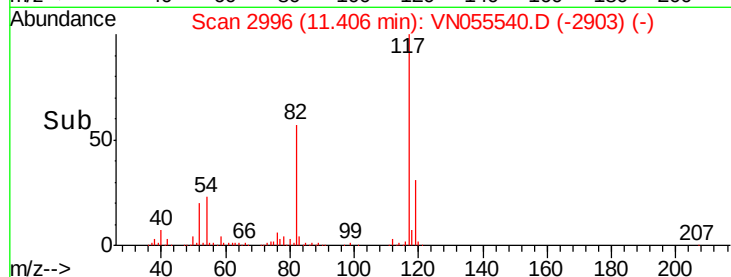
Tot Ion:117 Resp: 844529
Ion Ratio Lower Upper
117 100
82 56.9 48.0 72.0
119 31.3 26.0 39.0



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

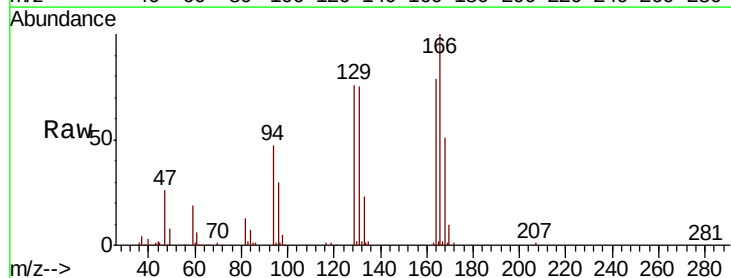


Time--> 11.30 11.40 11.50

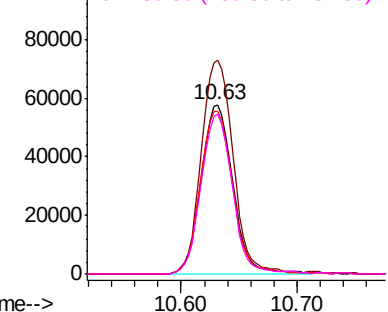


#64
Tetrachloroethene
Concen: 15.777 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN055540.D
Acq: 10 May 2019 10:16

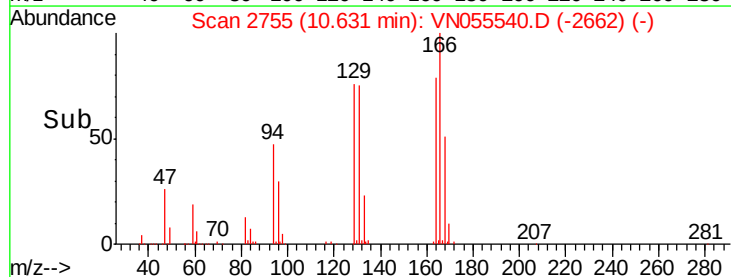
Tgt Ion:164 Resp: 109181
Ion Ratio Lower Upper
164 100
166 126.4 102.6 153.8
129 96.6 77.0 115.6
131 94.9 73.7 110.5

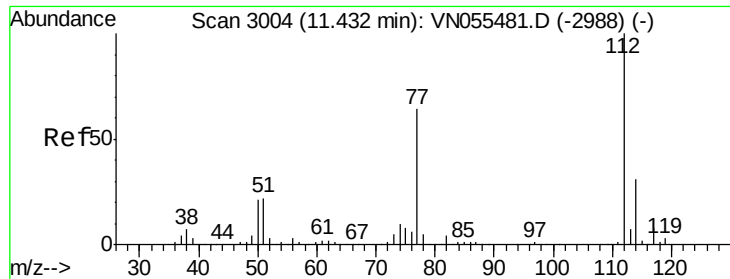


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



Time--> 10.60 10.70

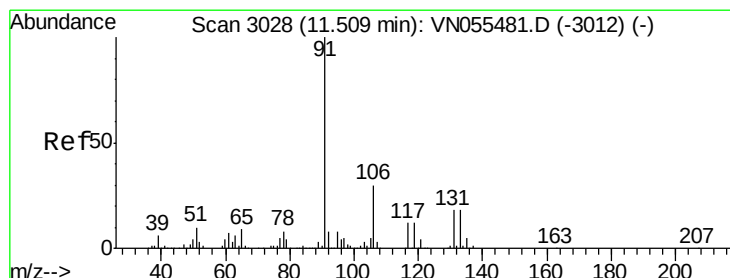
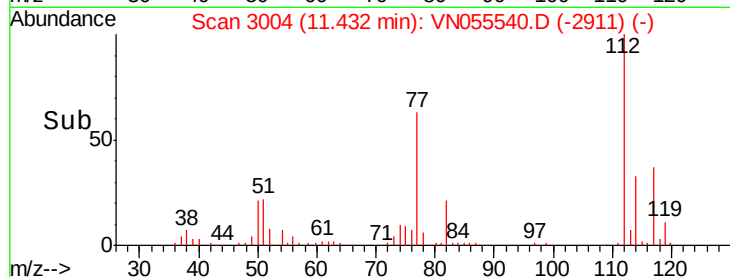
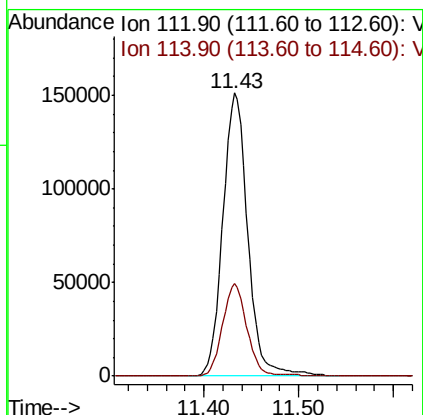
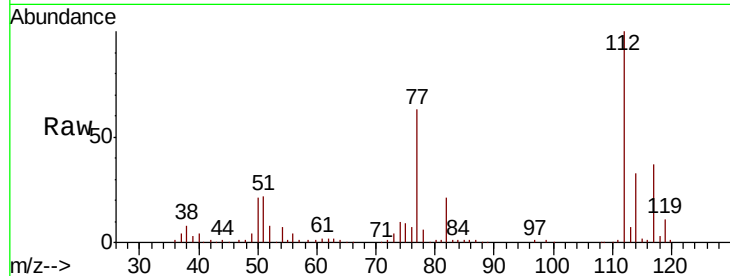




#65
Chlorobenzene
Concen: 15.973 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN055540.D
Acq: 10 May 2019 10:16

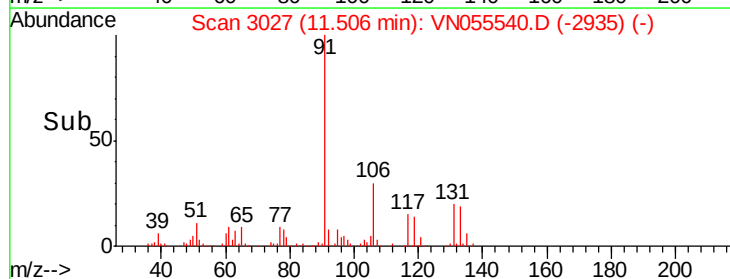
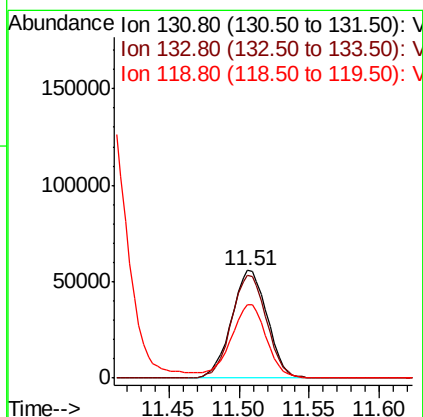
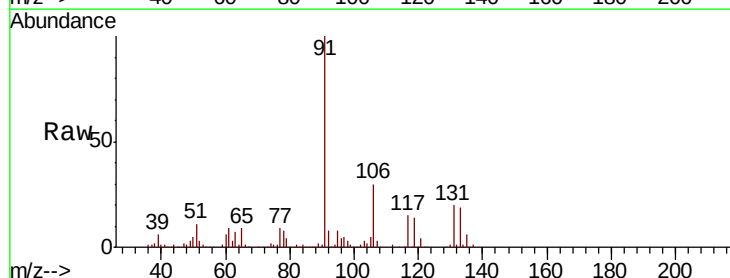
Instrument :
MSVOA_N
ClientSampleId :
VN0510WBS01

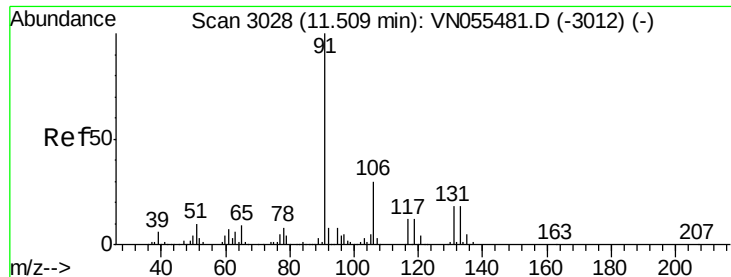
Tot Ion:112 Resp: 277527
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 16.569 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055540.D
Acq: 10 May 2019 10:16

Tgt Ion:131 Resp: 99111
Ion Ratio Lower Upper
131 100
133 94.2 47.4 142.2
119 68.8 34.1 102.2





#67

Ethyl Benzene

Concen: 15.467 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

Instrument :

MSVOA_N

ClientSampled :

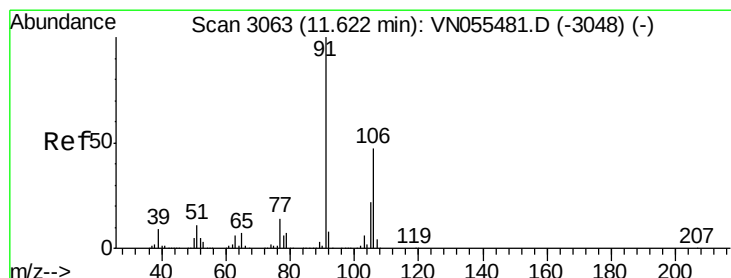
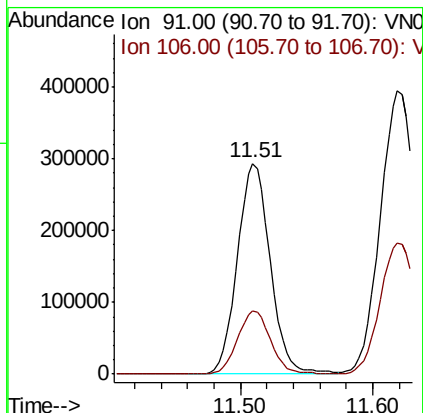
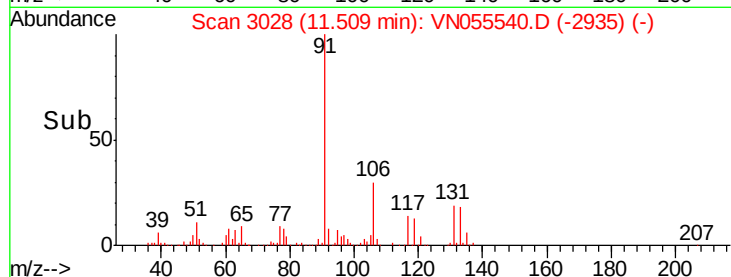
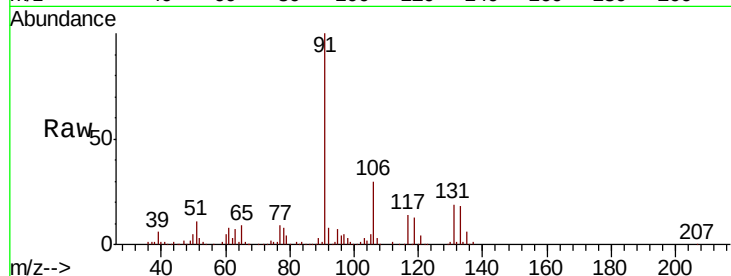
VN0510WBS01

Tot Ion: 91 Resp: 504728

Ion Ratio Lower Upper

91 100

106 30.3 23.8 35.6



#68

m/p-Xylenes

Concen: 31.343 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN055540.D

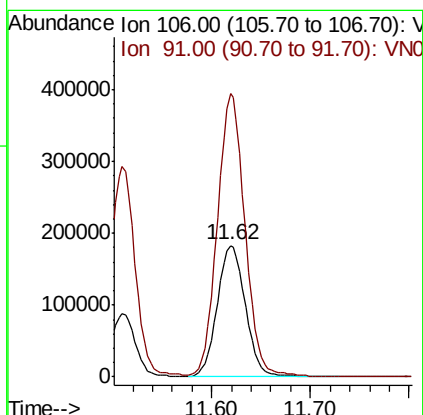
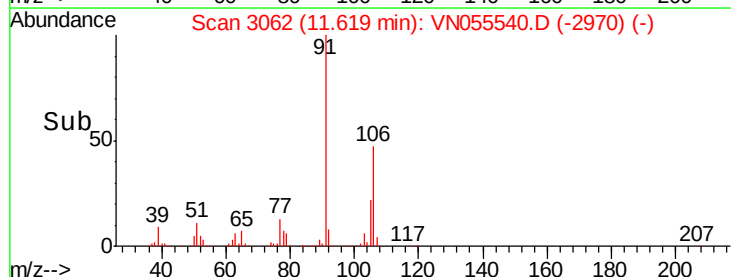
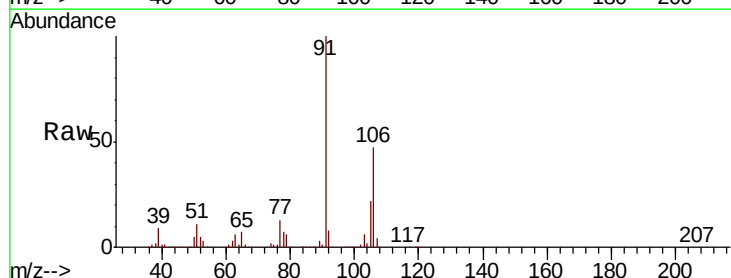
Acq: 10 May 2019 10:16

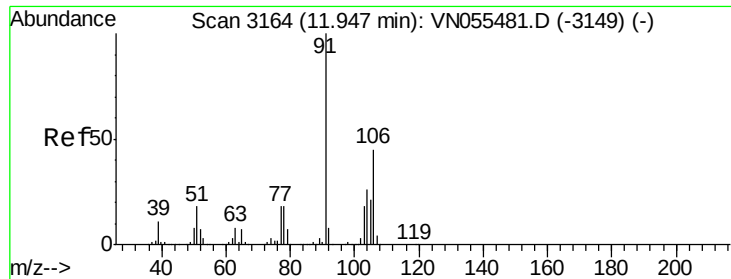
Tgt Ion: 106 Resp: 367058

Ion Ratio Lower Upper

106 100

91 210.8 169.2 253.8

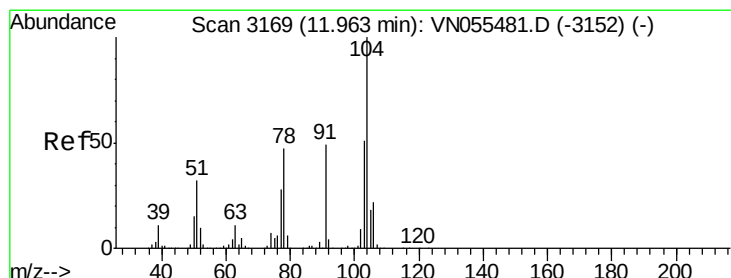
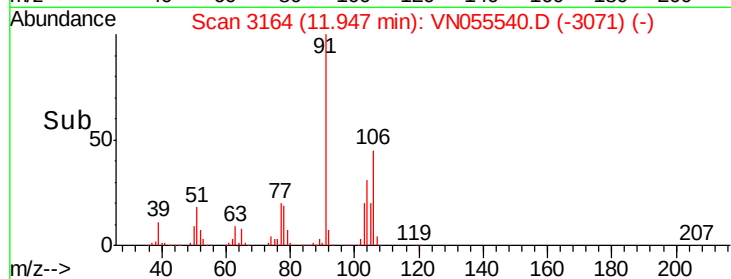
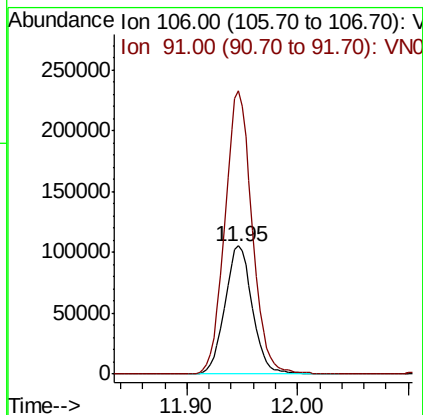
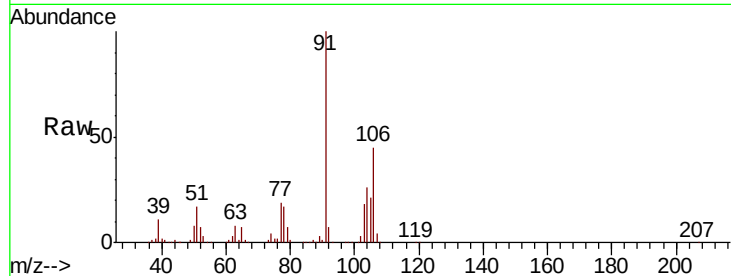




#69
o-Xylene
Concen: 15.822 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055540.D
Acq: 10 May 2019 10:16

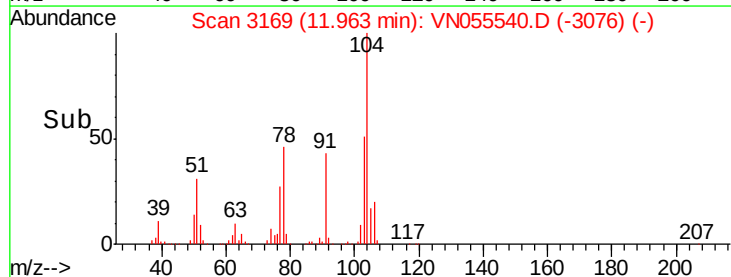
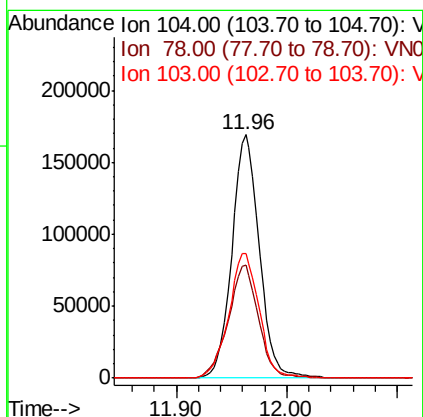
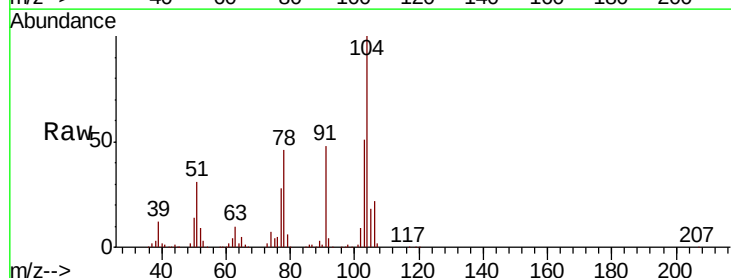
Instrument :
MSVOA_N
ClientSampled :
VN0510WBS01

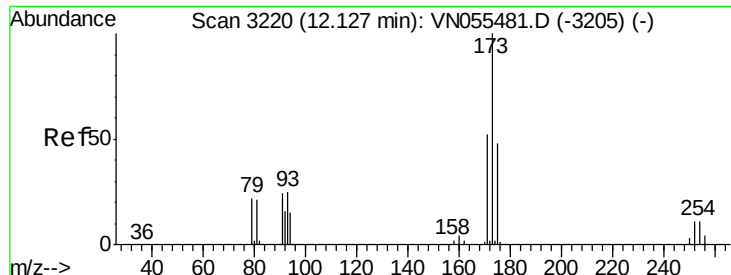
Tot Ion:106 Resp: 182123
Ion Ratio Lower Upper
106 100
91 218.9 111.3 333.8



#70
Styrene
Concen: 15.842 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055540.D
Acq: 10 May 2019 10:16

Tgt Ion:104 Resp: 292144
Ion Ratio Lower Upper
104 100
78 51.4 41.6 62.4
103 56.7 44.4 66.6





#71

Bromoform

Concen: 15.203 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBS01

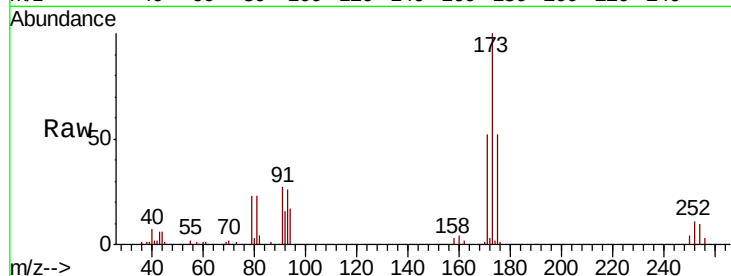
Tot Ion:173 Resp: 61366

Ion Ratio Lower Upper

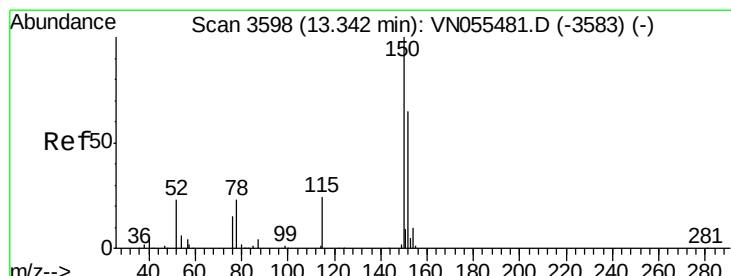
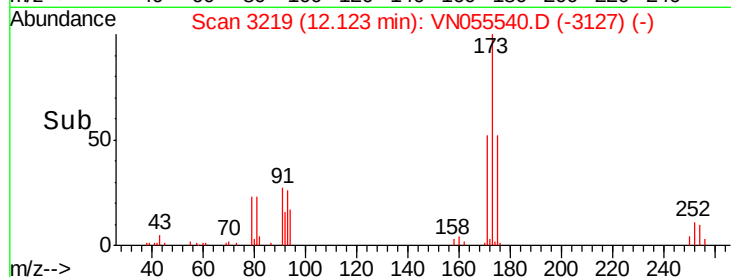
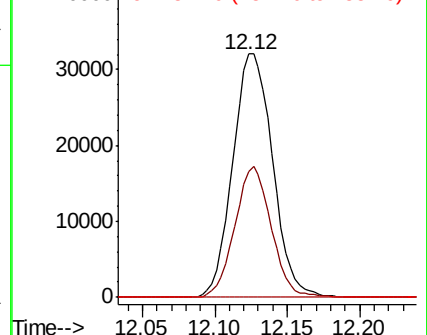
173 100

175 49.1 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: VN055540.D

Acq: 10 May 2019 10:16

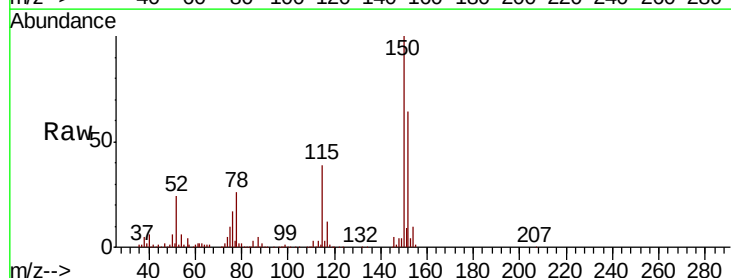
Tgt Ion:152 Resp: 308931

Ion Ratio Lower Upper

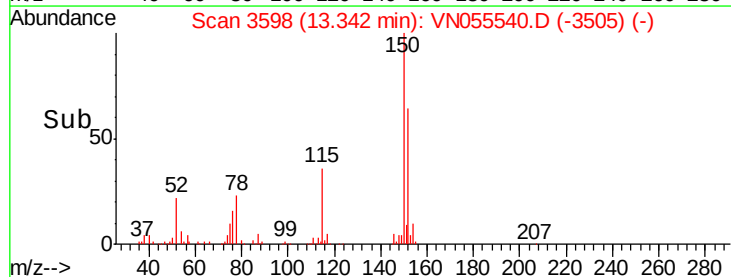
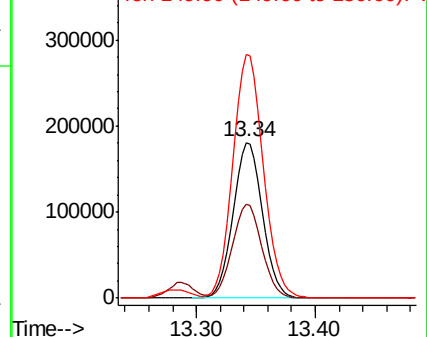
152 100

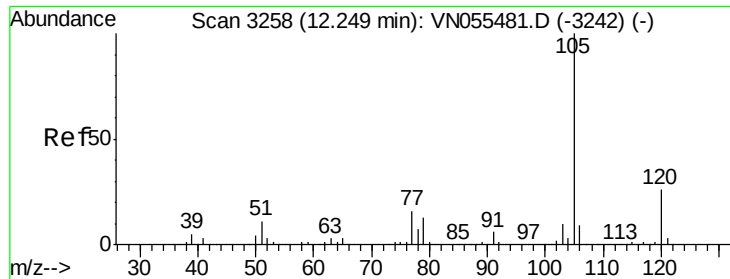
115 60.6 30.1 90.5

150 162.3 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: 17.318 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

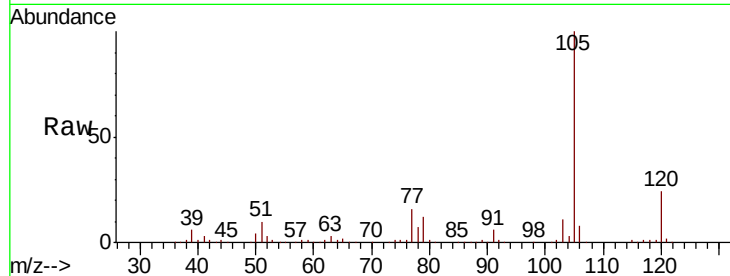
VN0510WBS01

Tot Ion:105 Resp: 482846

Ion Ratio Lower Upper

105 100

120 25.5 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

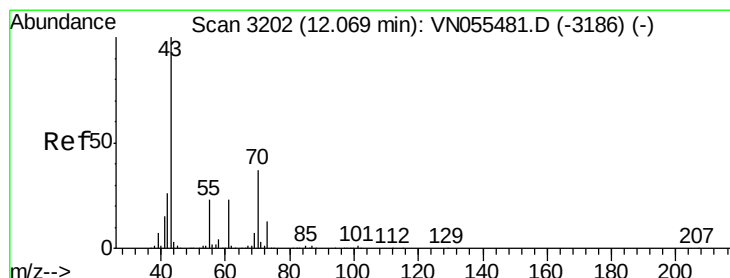
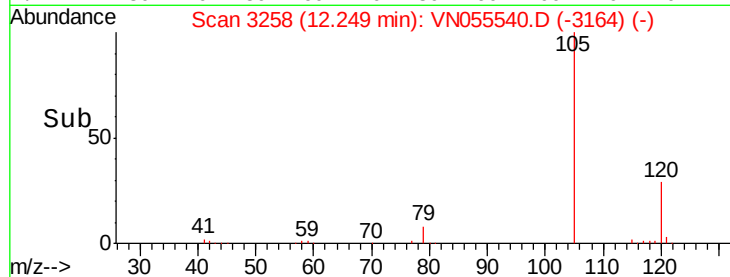
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 14.582 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

Tgt Ion: 43 Resp: 171027

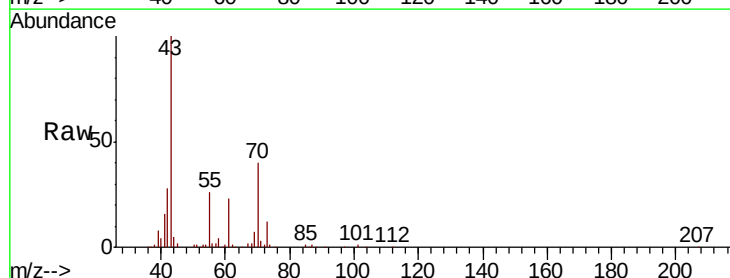
Ion Ratio Lower Upper

43 100

70 39.8 30.7 46.1

55 26.2 19.3 28.9

61 23.0 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

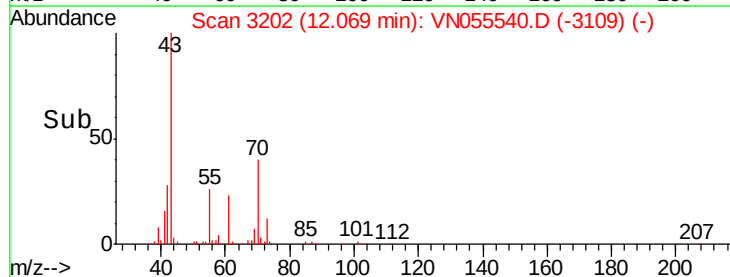
150000

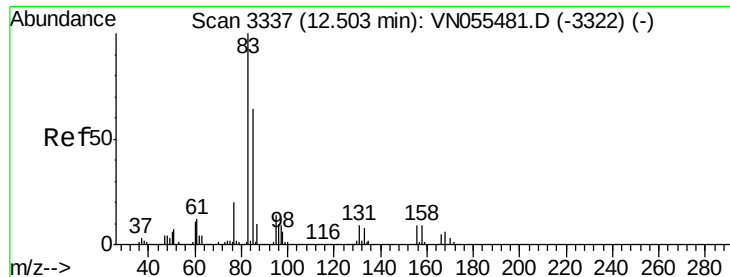
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.069 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBS01

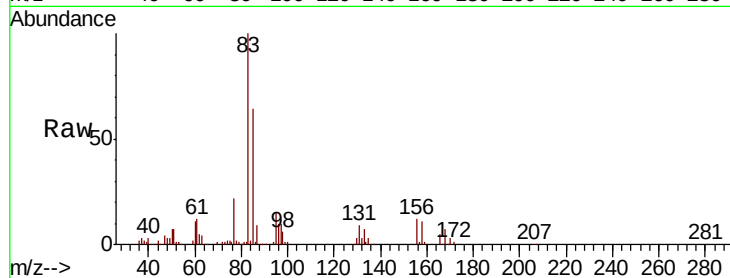
Tot Ion: 83 Resp: 154715

Ion Ratio Lower Upper

83 100

131 9.0 4.5 13.5

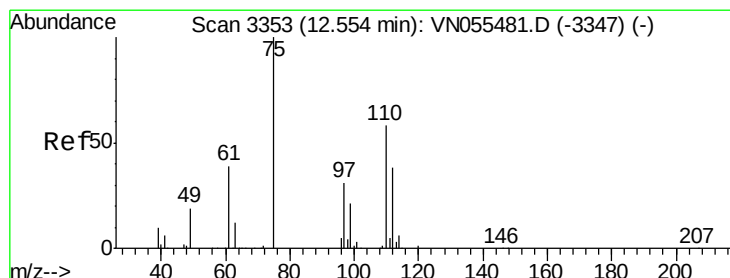
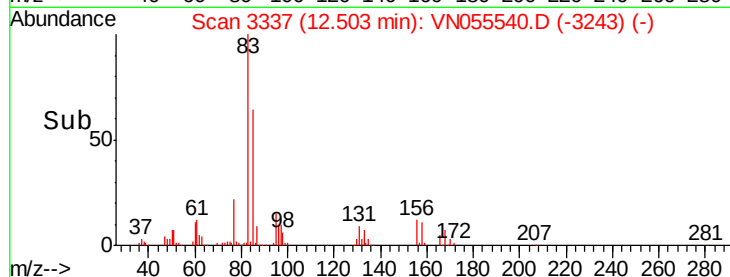
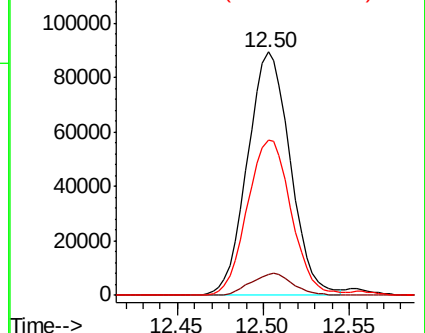
85 65.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN055540.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN055540.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN055540.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 21.531 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055540.D

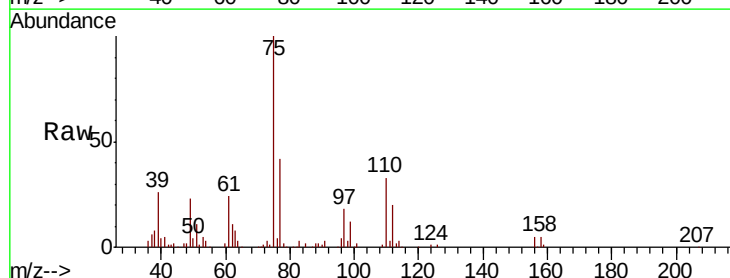
Acq: 10 May 2019 10:16

Tgt Ion: 75 Resp: 181076

Ion Ratio Lower Upper

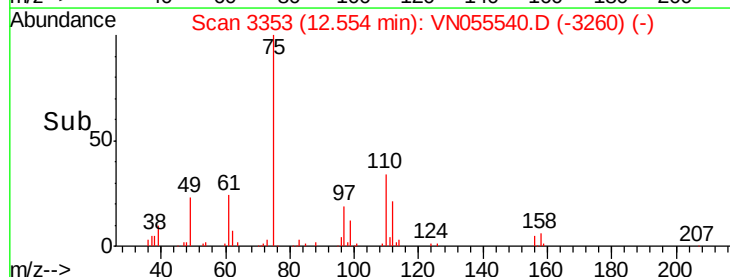
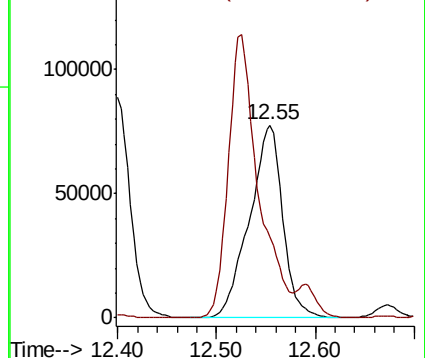
75 100

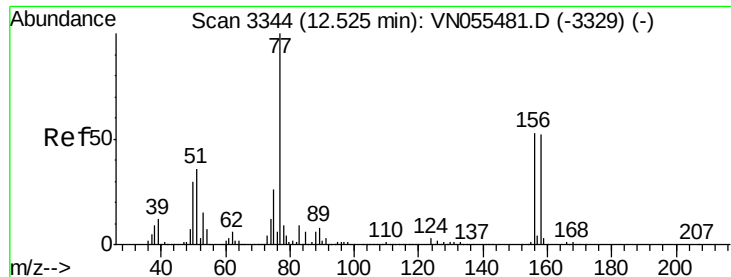
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055540.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055540.D (-3260) (-)





#77

Bromobenzene

Concen: 16.159 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

Instrument :

MSVOA_N

ClientSampled :

VN0510WBS01

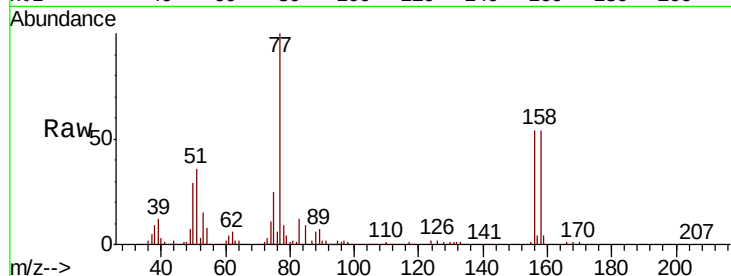
Tot Ion:156 Resp: 110016

Ion Ratio Lower Upper

156 100

77 222.9 115.4 346.2

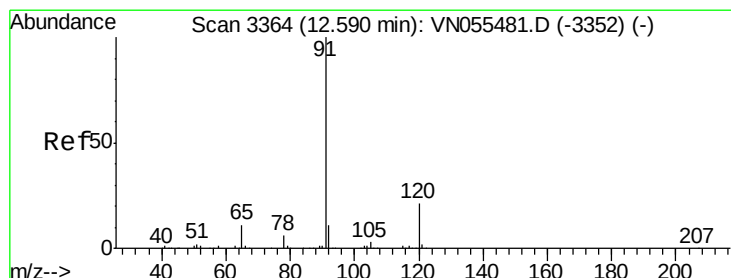
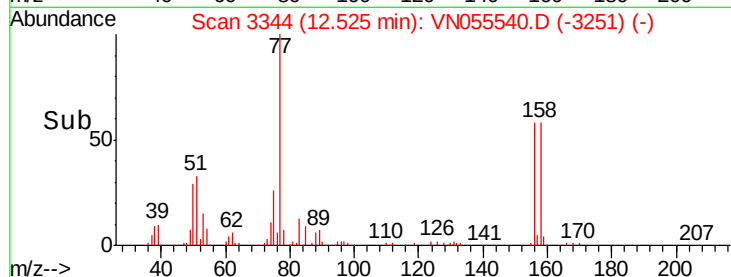
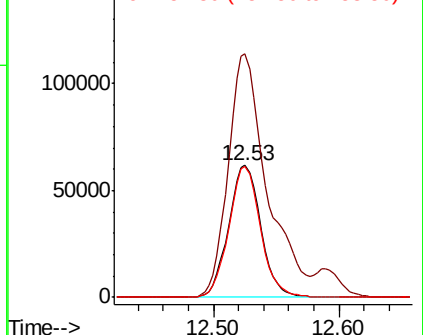
158 97.6 48.7 146.1



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: 15.700 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN055540.D

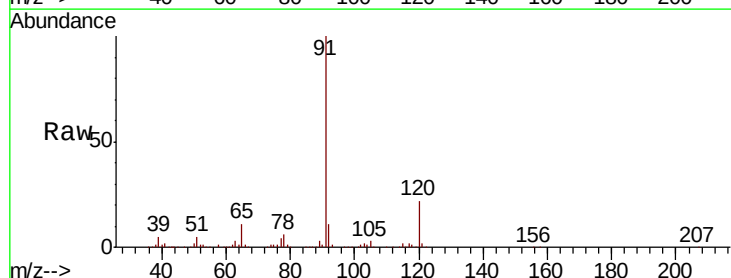
Acq: 10 May 2019 10:16

Tgt Ion: 91 Resp: 520199

Ion Ratio Lower Upper

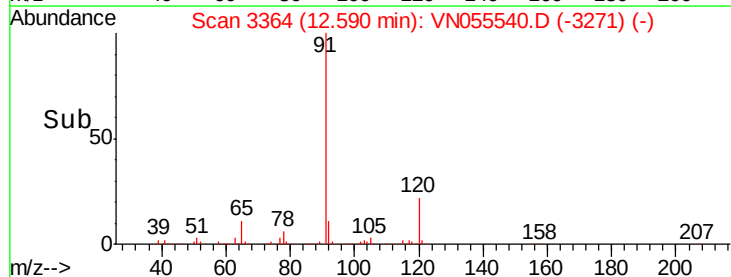
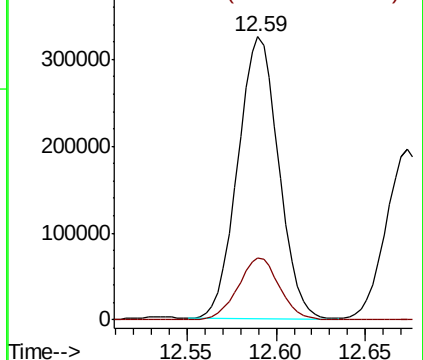
91 100

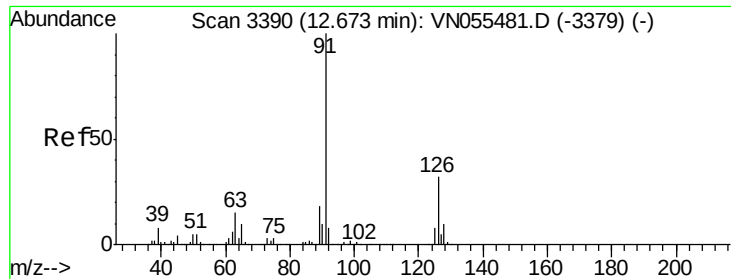
120 22.2 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 15.681 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

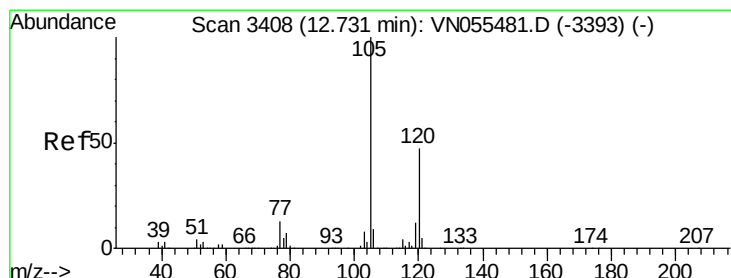
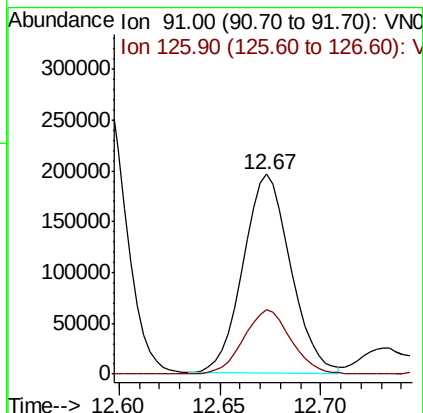
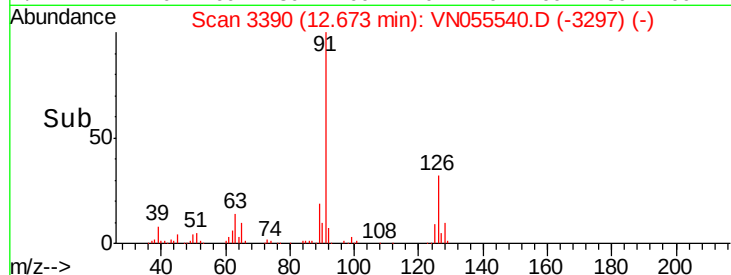
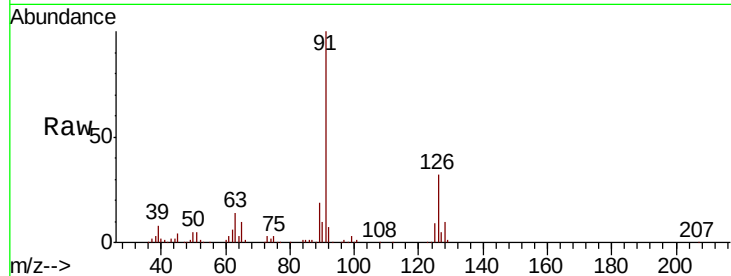
VN0510WBS01

Tot Ion: 91 Resp: 323814

Ion Ratio Lower Upper

91 100

126 32.7 16.0 47.9



#80

1,3,5-Trimethylbenzene

Concen: 15.840 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN055540.D

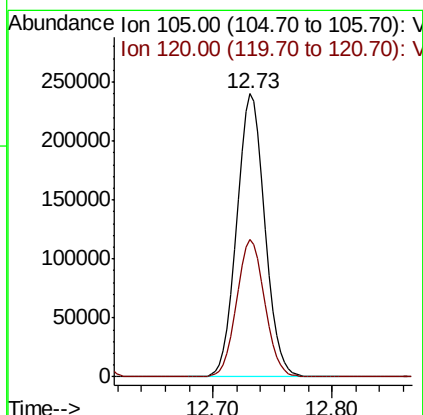
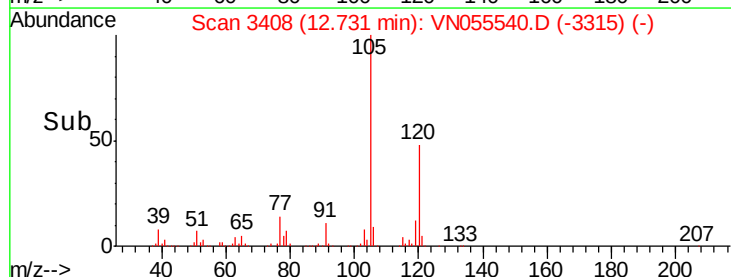
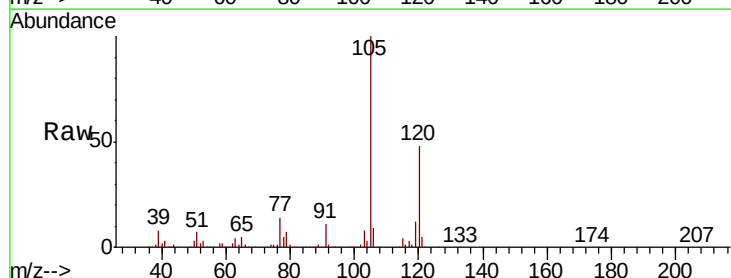
Acq: 10 May 2019 10:16

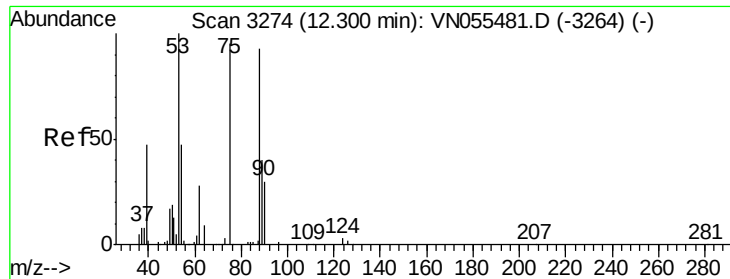
Tgt Ion:105 Resp: 391361

Ion Ratio Lower Upper

105 100

120 48.6 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 15.019 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

Instrument :

MSVOA_N

ClientSampled :

VN0510WBS01

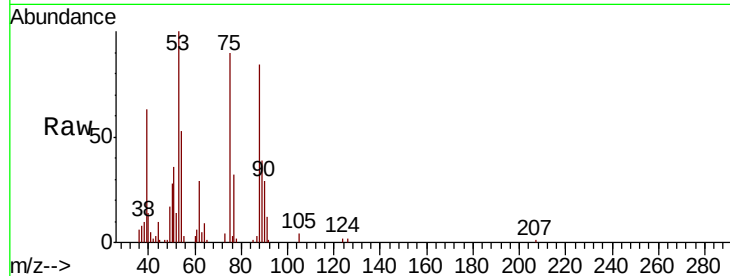
Tot Ion: 75 Resp: 34233

Ion Ratio Lower Upper

75 100

53 118.3 86.5 129.7

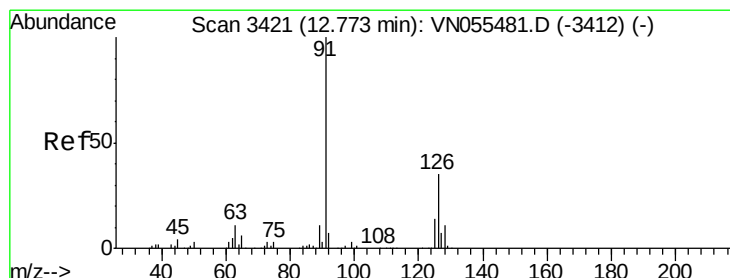
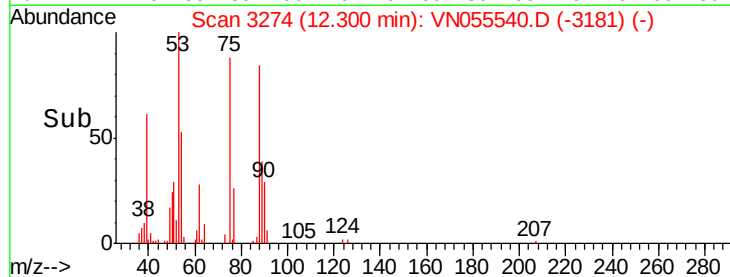
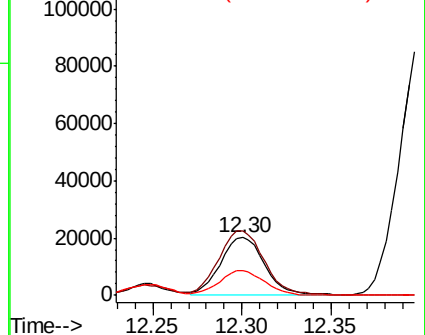
89 44.5 35.7 53.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 15.837 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN055540.D

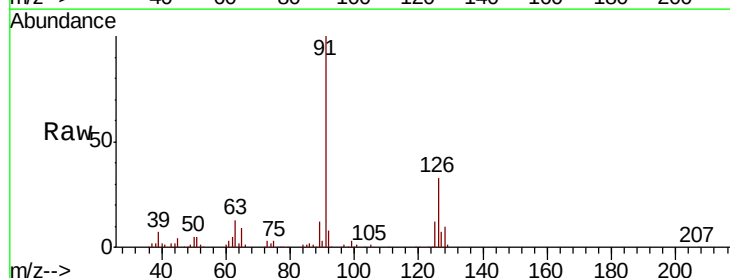
Acq: 10 May 2019 10:16

Tgt Ion: 91 Resp: 309022

Ion Ratio Lower Upper

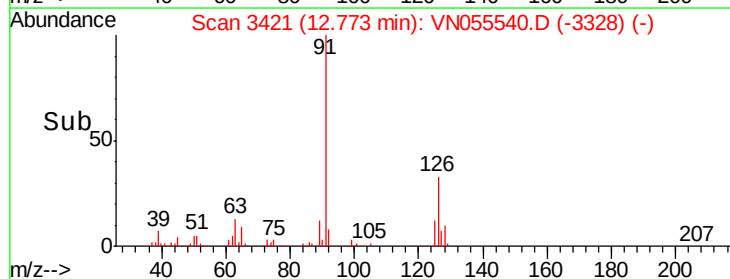
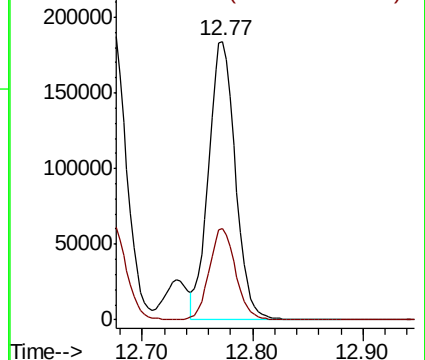
91 100

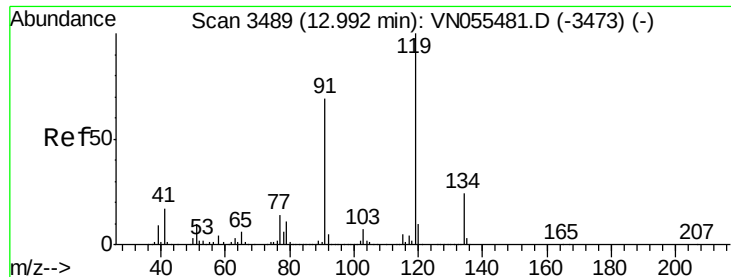
126 32.5 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

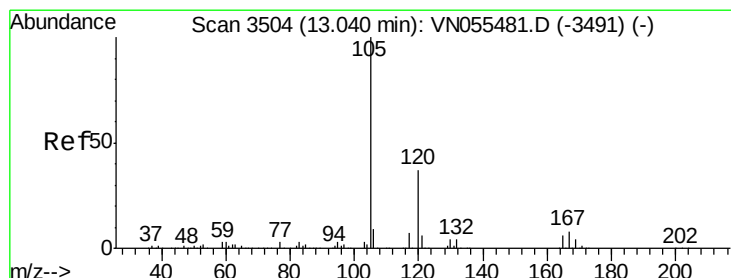
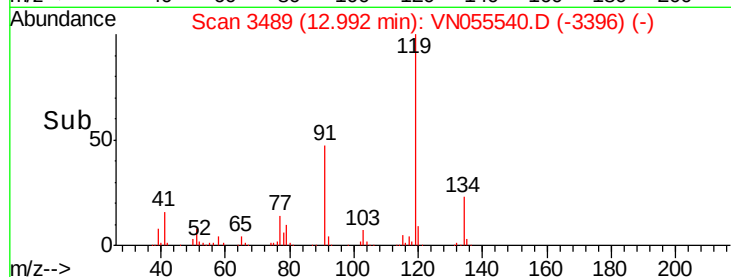
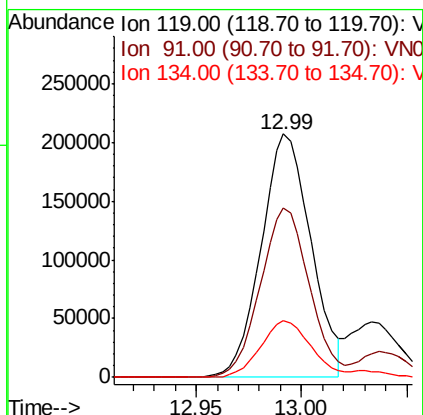
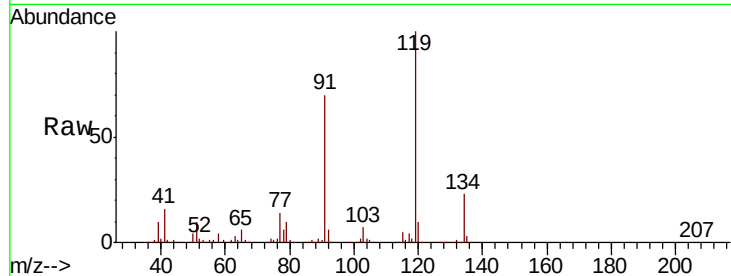




#83
 tert-Butylbenzene
 Concen: 16.071 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN055540.D
 Acq: 10 May 2019 10:16

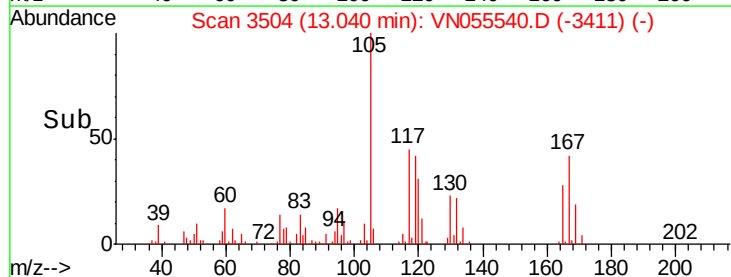
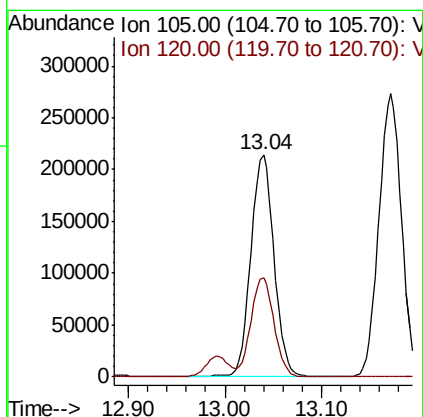
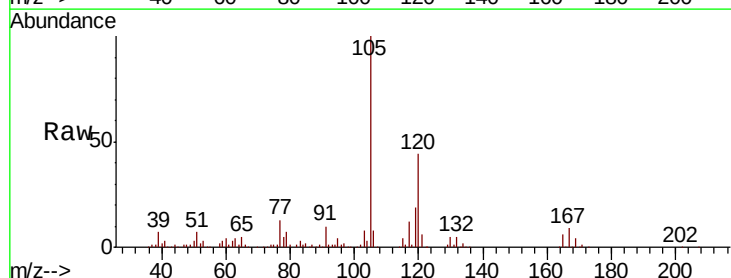
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBS01

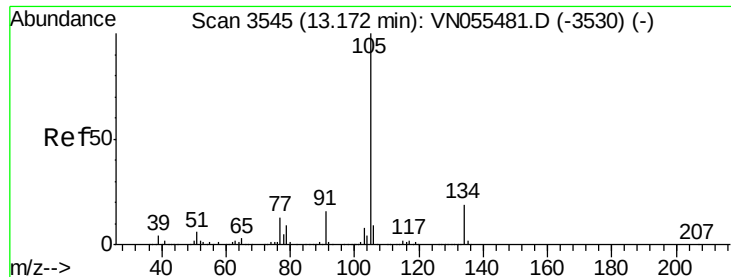
Tot Ion:119 Resp: 340333
 Ion Ratio Lower Upper
 119 100
 91 68.4 33.8 101.3
 134 23.7 12.5 37.5



#84
 1,2,4-Trimethylbenzene
 Concen: 15.827 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN055540.D
 Acq: 10 May 2019 10:16

Tgt Ion:105 Resp: 358630
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.1 66.5





#85

sec-Butylbenzene

Concen: 15.676 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

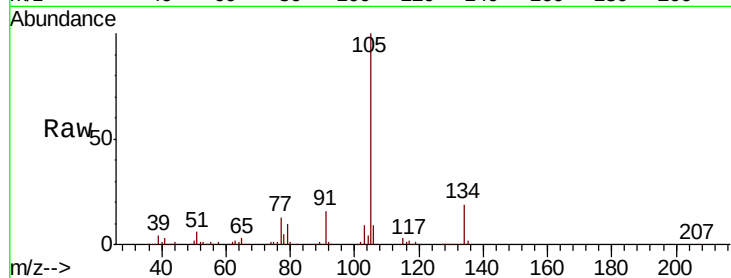
VN0510WBS01

Tot Ion:105 Resp: 441210

Ion Ratio Lower Upper

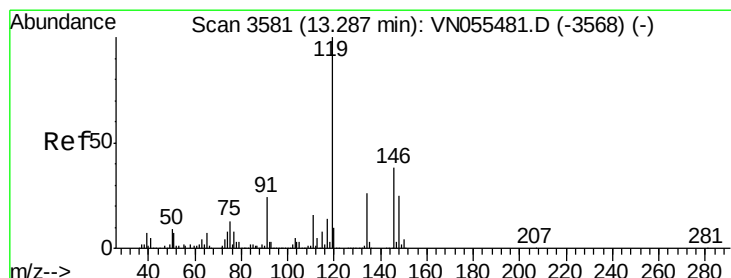
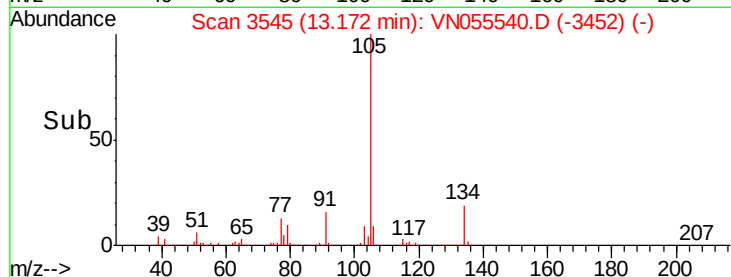
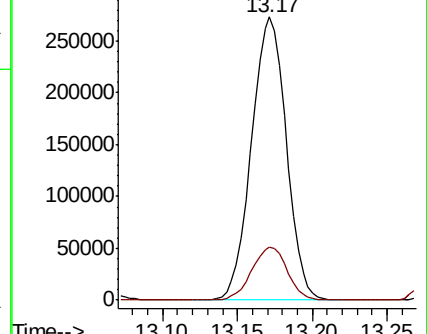
105 100

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



#86

p-Isopropyltoluene

Concen: 15.583 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

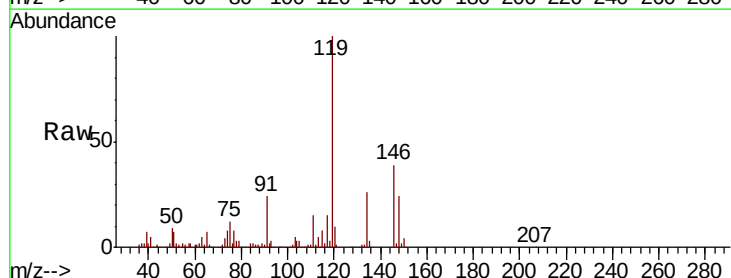
Tgt Ion:119 Resp: 356941

Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

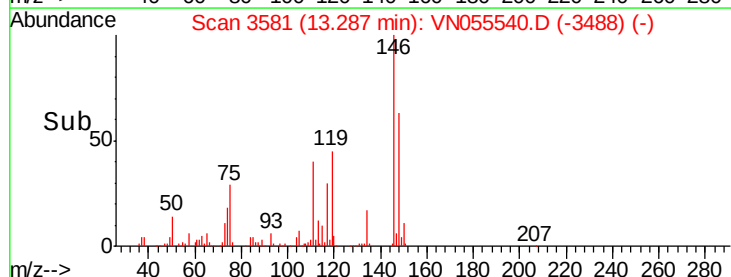
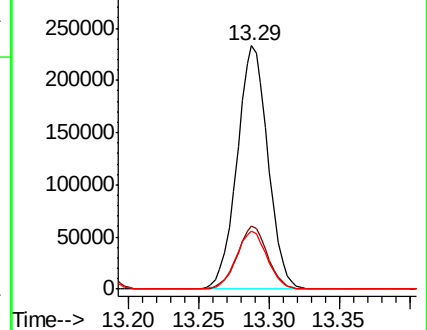
91 24.0 12.0 36.0

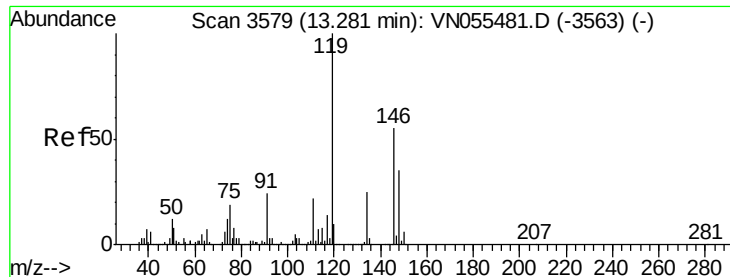


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

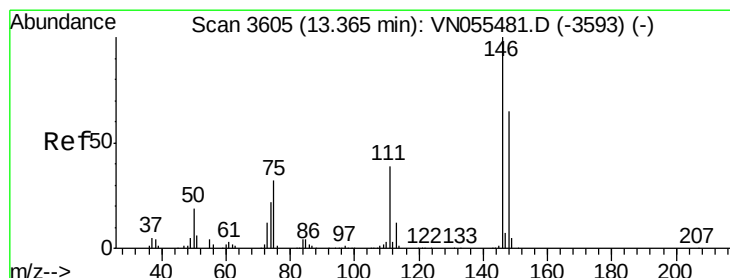
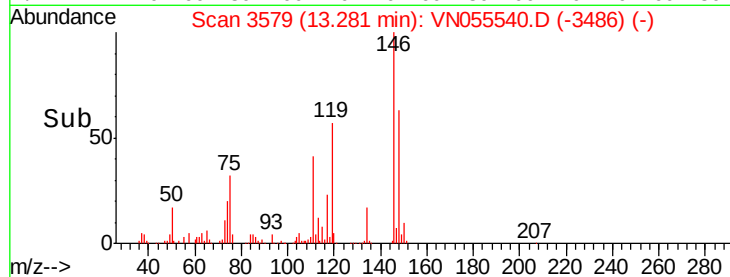
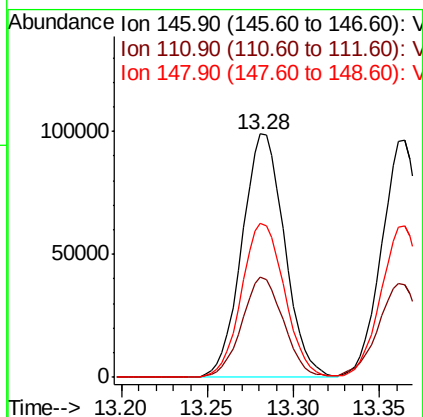
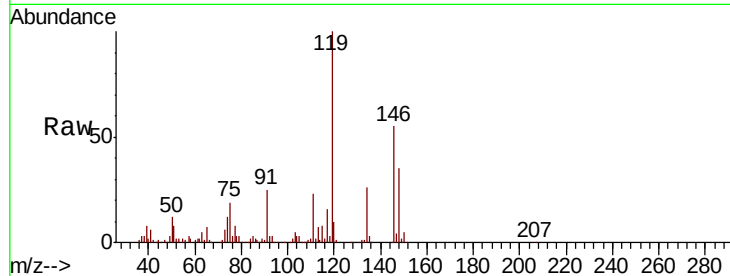




#87
 1,3-Dichlorobenzene
 Concen: 16.169 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN055540.D
 Acq: 10 May 2019 10:16

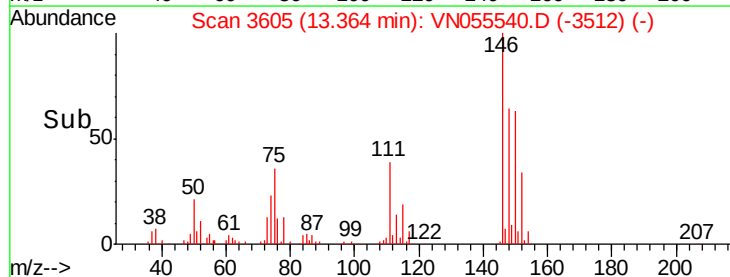
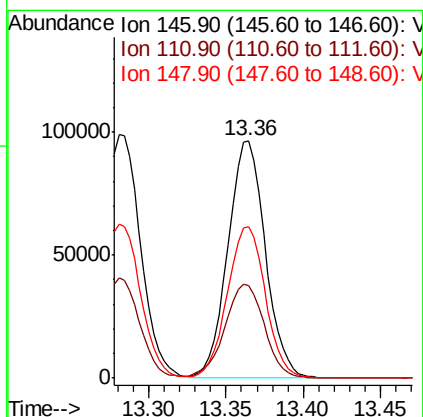
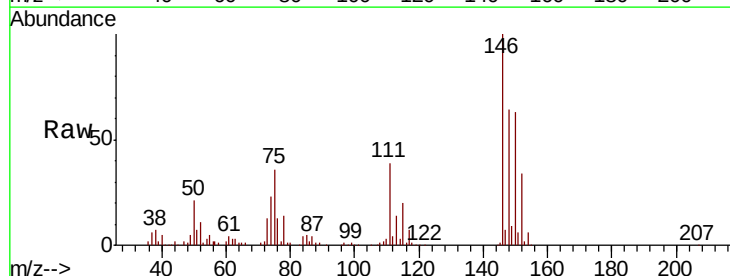
Instrument :
 MSVOA_N
 ClientSampled :
 VN0510WBS01

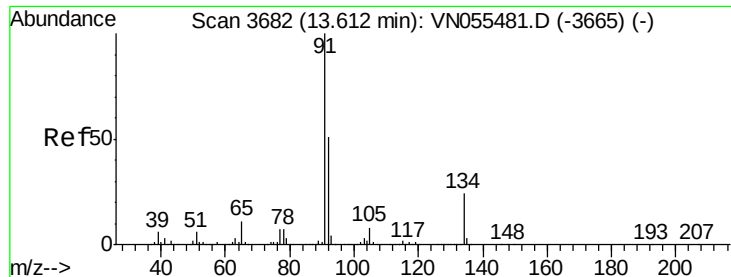
Tot Ion:146 Resp: 170097
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.4 61.3
 148 63.9 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 15.607 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN055540.D
 Acq: 10 May 2019 10:16

Tgt Ion:146 Resp: 162037
 Ion Ratio Lower Upper
 146 100
 111 41.9 19.6 58.8
 148 65.2 32.5 97.4





#89

n-Butylbenzene

Concen: 14.301 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBS01

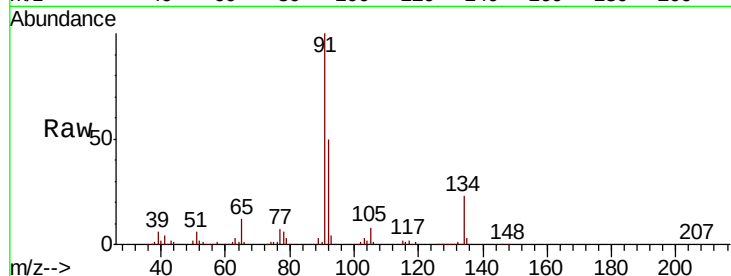
Tot Ion: 91 Resp: 253912

Ion Ratio Lower Upper

91 100

92 50.2 25.9 77.7

134 23.3 11.8 35.4

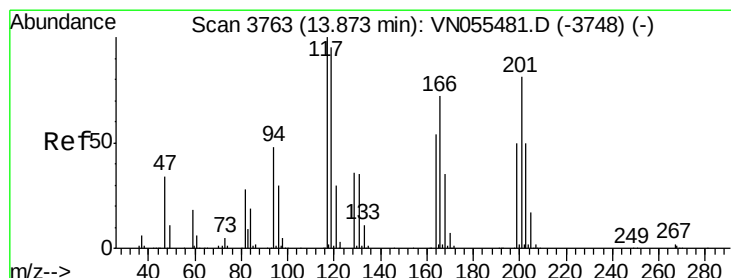
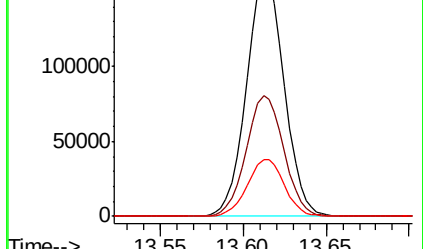
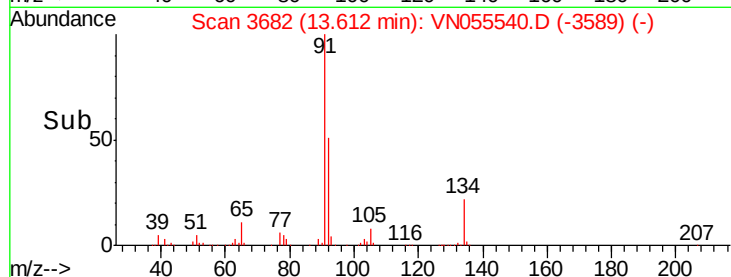


Abundance Ion 91.00 (90.70 to 91.70): VN055481.D (-3665) (-)

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

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

Time-->



#90

Hexachloroethane

Concen: 15.812 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN055540.D

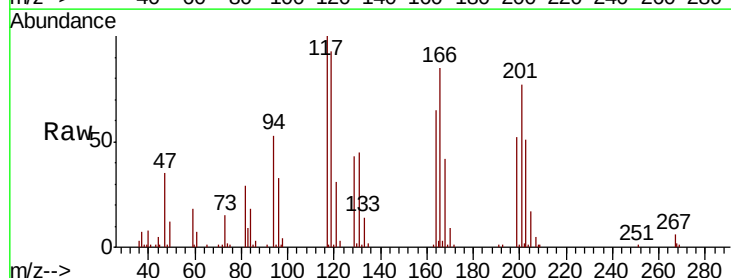
Acq: 10 May 2019 10:16

Tgt Ion: 117 Resp: 59083

Ion Ratio Lower Upper

117 100

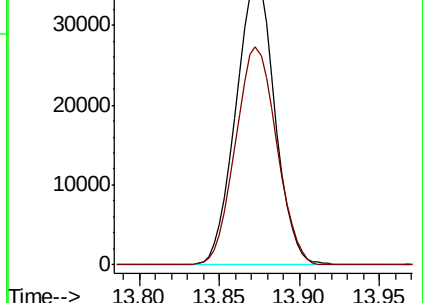
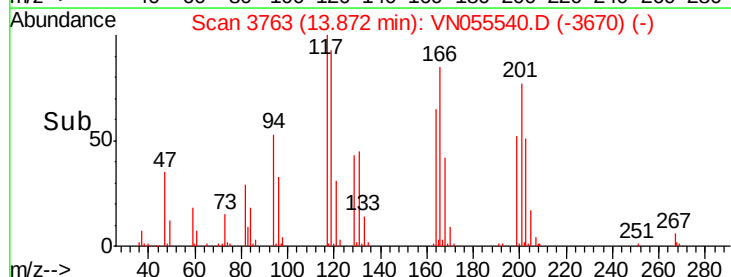
201 81.0 40.1 120.2

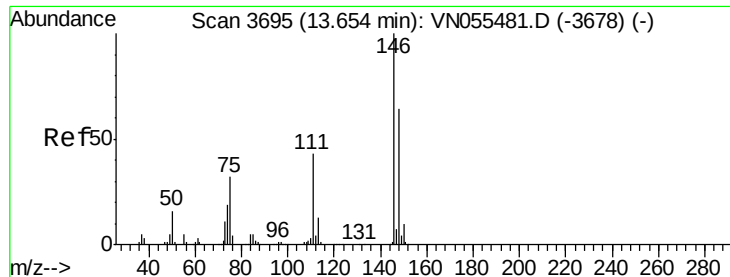


Abundance Ion 116.80 (116.50 to 117.50): VN055481.D (-3748) (-)

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

Time-->

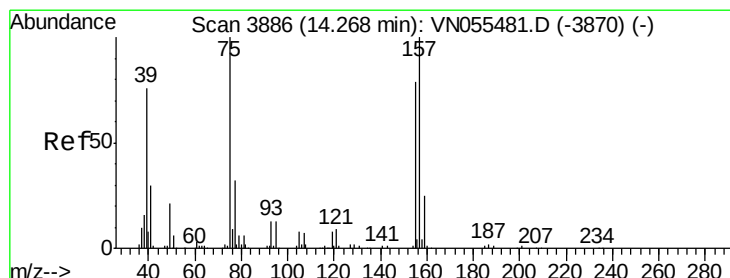
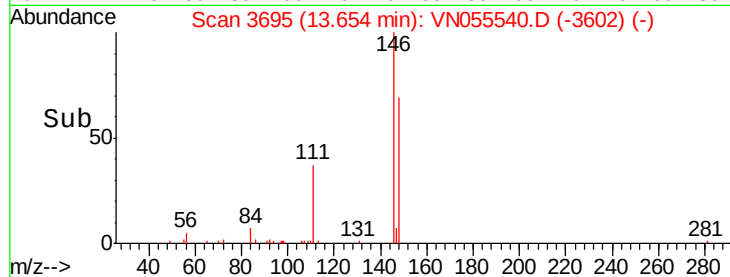
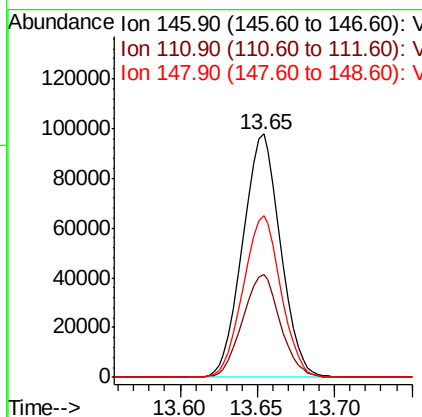
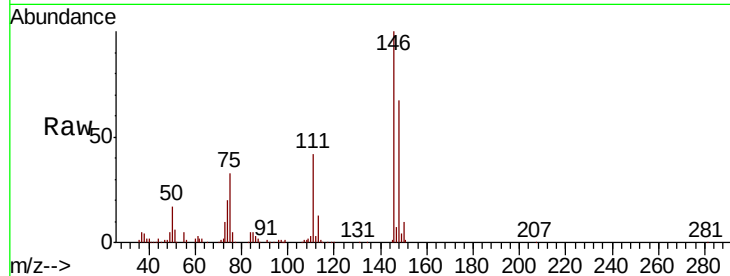




#91
 1,2-Dichlorobenzene
 Concen: 15.872 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN055540.D
 Acq: 10 May 2019 10:16

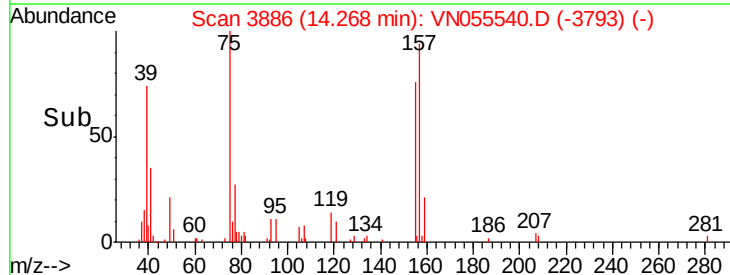
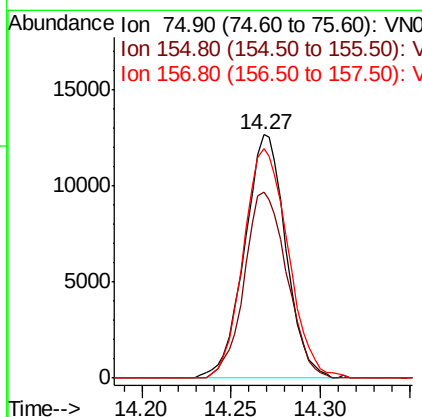
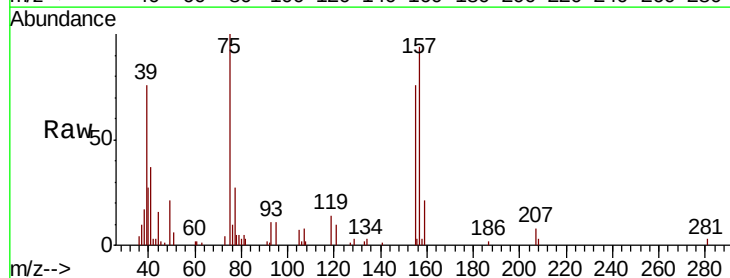
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBS01

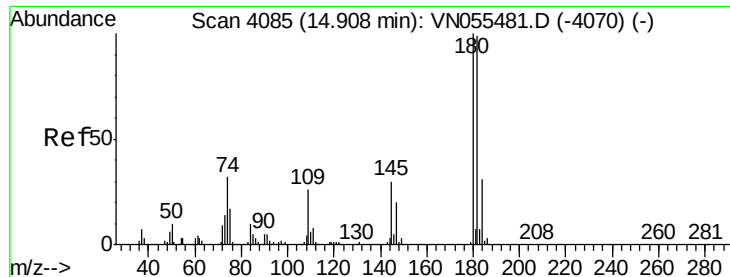
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.3	63.7
148	66.2	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.454 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN055540.D
 Acq: 10 May 2019 10:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.9	39.3	117.8
157	102.0	50.6	151.8

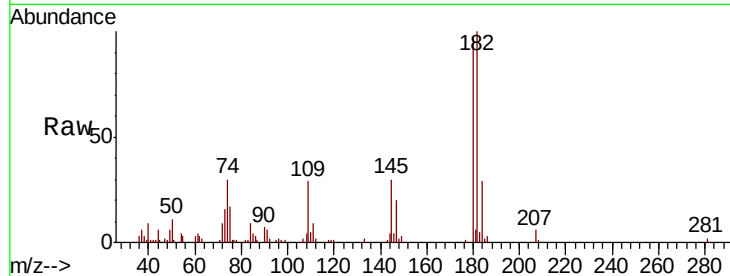




#93
 1,2,4-Trichlorobenzene
 Concen: 12.573 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055540.D
 Acq: 10 May 2019 10:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.2	48.7	146.1
145	30.6	15.3	45.9

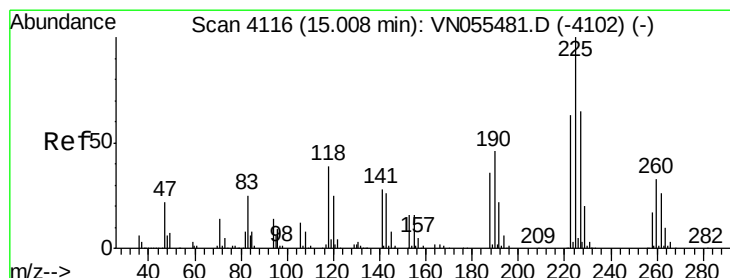
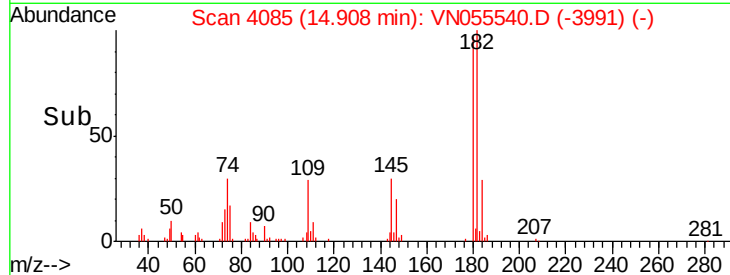
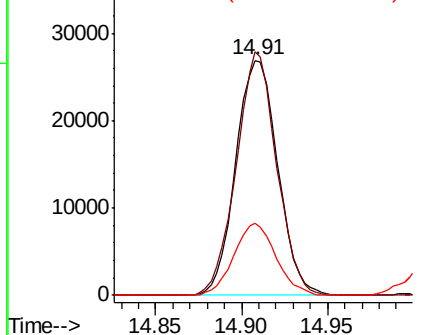


Abundance

Ion 179.80 (179.50 to 180.50): V

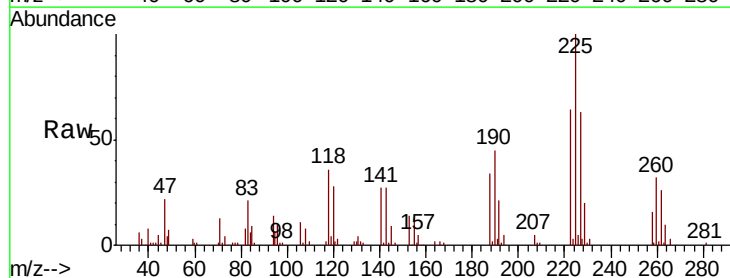
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 17.495 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055540.D
 Acq: 10 May 2019 10:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.4	94.3
227	62.4	32.0	96.0

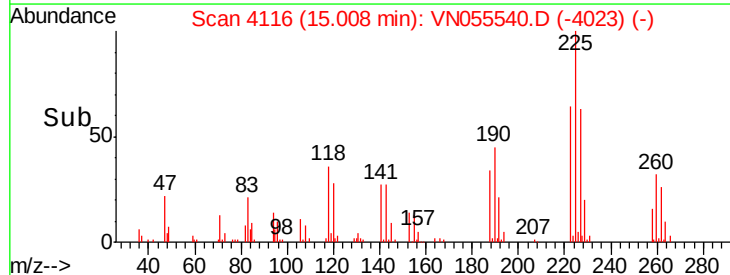
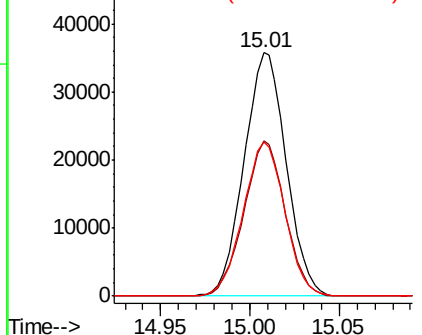


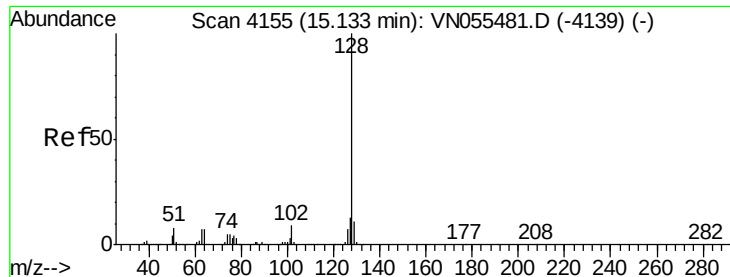
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 12.754 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

VN0510WBS01

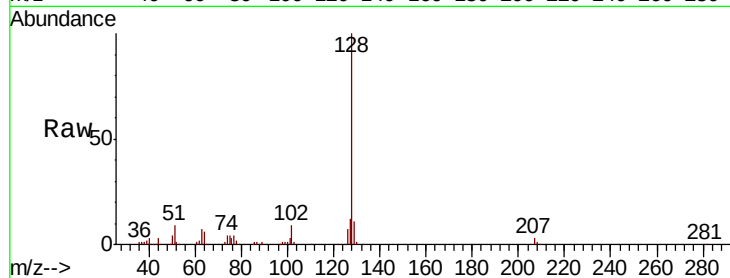
Tot Ion:128 Resp: 134348

Ion Ratio Lower Upper

128 100

127 12.5 10.0 15.0

129 10.7 8.8 13.2

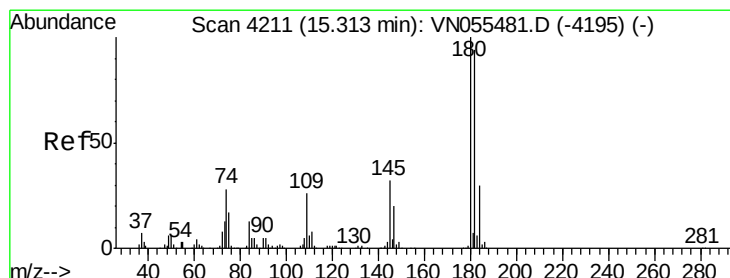
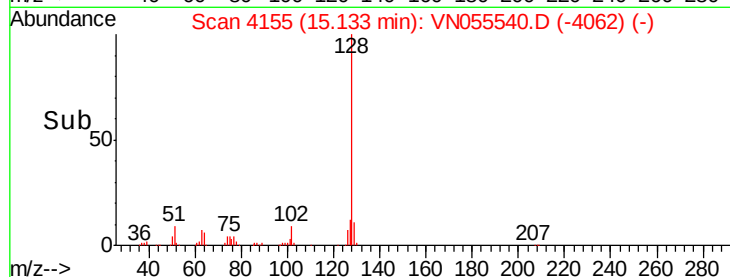
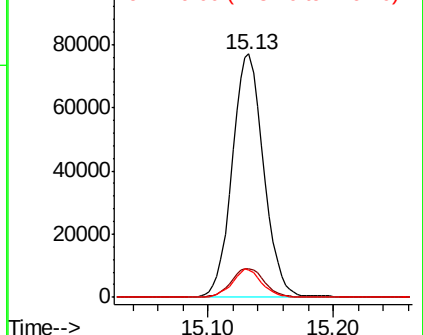


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 12.785 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN055540.D

Acq: 10 May 2019 10:16

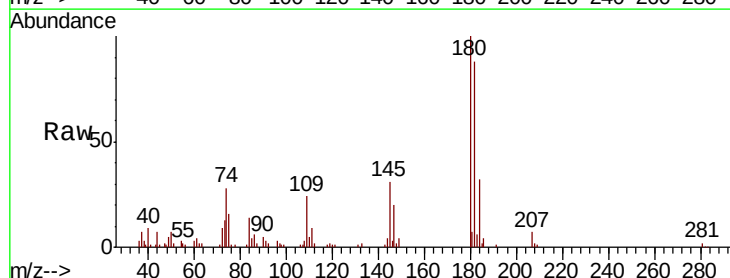
Tgt Ion:180 Resp: 53988

Ion Ratio Lower Upper

180 100

182 92.5 47.1 141.3

145 31.1 15.8 47.4



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

