

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050319\
 Data File : VN055383.D
 Acq On : 3 May 2019 12:27
 Operator : JC/SP
 Sample : VN0503WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503WBS01

Quant Time: May 03 23:19:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	403894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	648581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	547364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	198224	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	262902	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
35) Dibromofluoromethane	7.59	113	205977	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
50) Toluene-d8	10.09	98	746619	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
62) 4-Bromofluorobenzene	12.40	95	237680	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	89953	18.178	ug/l	99
3) Chloromethane	2.06	50	105517	17.220	ug/l	99
4) Vinyl Chloride	2.19	62	89990	18.219	ug/l	99
5) Bromomethane	2.57	94	50472	19.291	ug/l	100
6) Chloroethane	2.71	64	51563	19.270	ug/l	98
7) Trichlorofluoromethane	3.02	101	132951	18.929	ug/l	96
8) Diethyl Ether	3.42	74	48370	19.684	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	79822	19.085	ug/l	99
10) Methyl Iodide	3.96	142	110249	18.731	ug/l	98
11) Tert butyl alcohol	4.80	59	29011	95.899	ug/l #	73
12) 1,1-Dichloroethene	3.74	96	77362	19.390	ug/l	100
13) Acrolein	3.62	56	11882	50.294	ug/l	94
14) Allyl chloride	4.33	41	158943	19.235	ug/l	99
15) Acrylonitrile	5.00	53	162554	95.597	ug/l	100
16) Acetone	3.82	43	136197	82.725	ug/l	100
17) Carbon Disulfide	4.06	76	166919	16.031	ug/l	99
18) Methyl Acetate	4.33	43	84539	20.467	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	229813	20.489	ug/l	98
20) Methylene Chloride	4.56	84	88741	17.659	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	78256	18.520	ug/l	93
22) Diisopropyl ether	5.95	45	338023	20.588	ug/l	92
23) Vinyl Acetate	5.90	43	1074344	99.841	ug/l	99
24) 1,1-Dichloroethane	5.86	63	172653	19.737	ug/l	99
25) 2-Butanone	6.84	43	195979	93.079	ug/l	99
26) 2,2-Dichloropropane	6.82	77	117278	19.414	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	96097	19.999	ug/l	99
28) Bromochloromethane	7.20	49	88540	20.079	ug/l	98
29) Tetrahydrofuran	7.22	42	136735	101.419	ug/l	96
30) Chloroform	7.37	83	165351	19.940	ug/l	99
31) Cyclohexane	7.65	56	156527	18.833	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	130724	19.423	ug/l	99
36) 1,1-Dichloropropene	7.80	75	113119	18.209	ug/l	98
37) Ethyl Acetate	6.93	43	86320	18.130	ug/l	98
38) Carbon Tetrachloride	7.78	117	109010	18.190	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	123244	18.659	ug/l	99
40) Benzene	8.04	78	356146	19.447	ug/l	99
41) Methacrylonitrile	7.18	41	48466	19.270	ug/l	97
42) 1,2-Dichloroethane	8.13	62	123341	19.015	ug/l	99
43) Isopropyl Acetate	8.17	43	153771	20.096	ug/l #	87
44) Trichloroethene	8.84	130	89497	19.170	ug/l	96
45) 1,2-Dichloropropane	9.12	63	103167	19.532	ug/l	98
46) Dibromomethane	9.21	93	53639	18.578	ug/l	99
47) Bromodichloromethane	9.40	83	118579	19.145	ug/l	99
48) Methyl methacrylate	9.20	41	71565	19.025	ug/l	99
49) 1,4-Dioxane	9.21	88	14829	381.359	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	408810	94.895	ug/l	100
52) Toluene	10.16	92	205946	19.599	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	100506	18.692	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	128209	19.124	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	75819	19.431	ug/l	99
56) Ethyl methacrylate	10.43	69	93232	19.412	ug/l	99
57) 1,3-Dichloropropane	10.71	76	134719	19.681	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	101046	76.833	ug/l	98
59) 2-Hexanone	10.75	43	246246	91.356	ug/l	98
60) Dibromochloromethane	10.90	129	75958	19.047	ug/l	99
61) 1,2-Dibromoethane	11.01	107	69096	19.158	ug/l	100
64) Tetrachloroethene	10.63	164	87376	19.520	ug/l	94
65) Chlorobenzene	11.43	112	207020	19.345	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	78258	18.675	ug/l	100
67) Ethyl Benzene	11.51	91	376203	19.467	ug/l	100
68) m/p-Xylenes	11.62	106	271651	39.381	ug/l	100
69) o-Xylene	11.95	106	139867	20.457	ug/l	96
70) Styrene	11.96	104	216882	20.660	ug/l	99
71) Bromoform	12.12	173	42741	18.381	ug/l #	97
73) Isopropylbenzene	12.25	105	371119	21.742	ug/l	100
74) N-amyl acetate	12.07	43	112242	22.064	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	90413	21.188	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	101993	26.498	ug/l #	100
77) Bromobenzene	12.53	156	83083	20.678	ug/l	100
78) n-propylbenzene	12.59	91	402270	19.756	ug/l	100
79) 2-Chlorotoluene	12.67	91	246328	21.407	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	302110	19.441	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	18586	17.769	ug/l #	81
82) 4-Chlorotoluene	12.77	91	227408	19.208	ug/l	98
83) tert-Butylbenzene	12.99	119	261358	22.139	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	338611	24.364	ug/l	99
85) sec-Butylbenzene	13.17	105	336678	19.933	ug/l	99
86) p-Isopropyltoluene	13.29	119	281606	20.285	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	130235	19.634	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	122105	19.548	ug/l	98
89) n-Butylbenzene	13.61	91	205304	20.812	ug/l	99
90) Hexachloroethane	13.87	117	45323	19.663	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	133328	20.280	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11257	21.586	ug/l	95

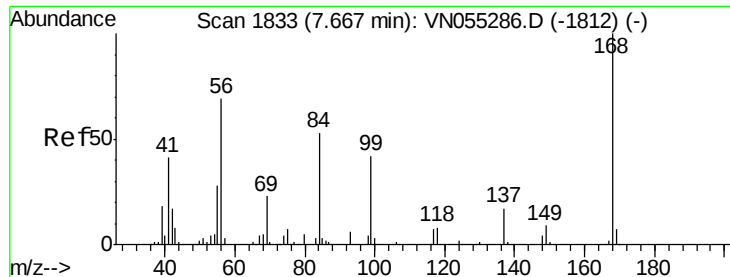
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050319\
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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	40289	17.826	ug/l	97
94) Hexachlorobutadiene	15.01	225	47423	22.429	ug/l	95
95) Naphthalene	15.13	128	84569	17.655	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	43914	18.919	ug/l	99

(#) = 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: VN055383.D

Acq: 3 May 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

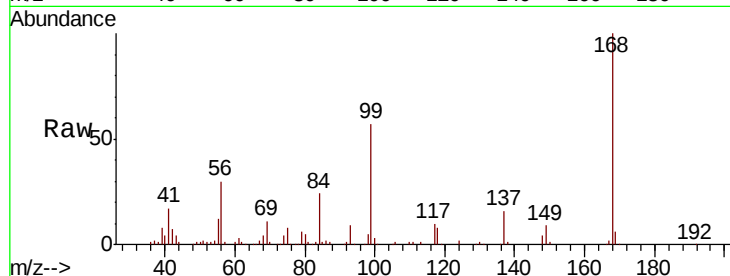
VN0503WBS01

Tot Ion:168 Resp: 403894

Ion Ratio Lower Upper

168 100

99 55.8 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

150000

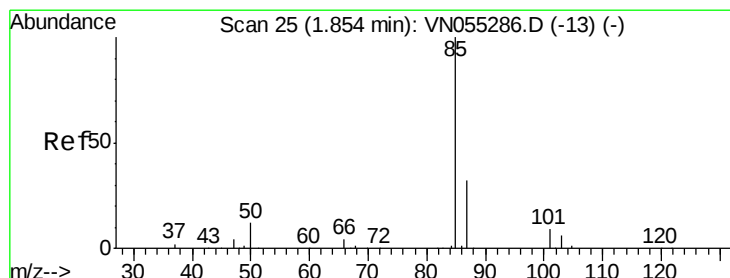
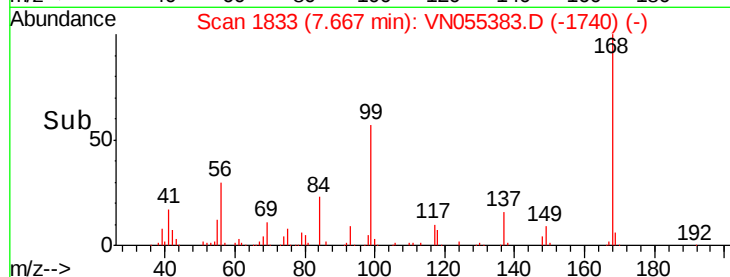
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.178 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN055383.D

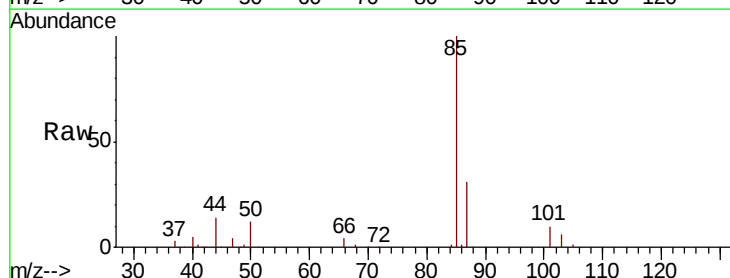
Acq: 3 May 2019 12:27

Tgt Ion: 85 Resp: 89953

Ion Ratio Lower Upper

85 100

87 31.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

60000

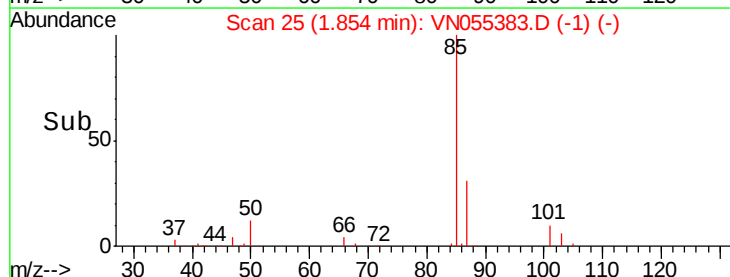
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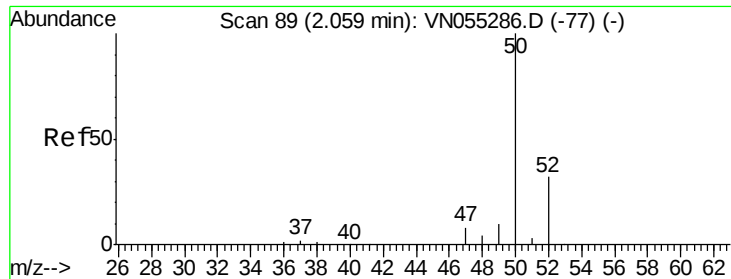
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 17.220 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

Instrument :

MSVOA_N

ClientSampled :

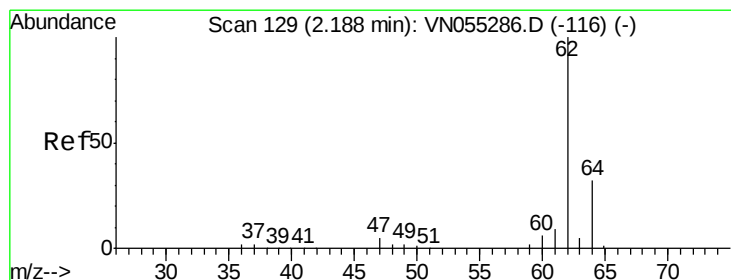
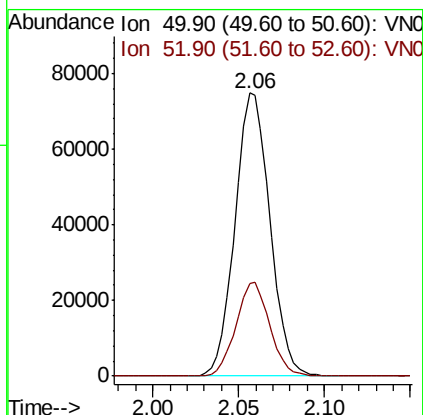
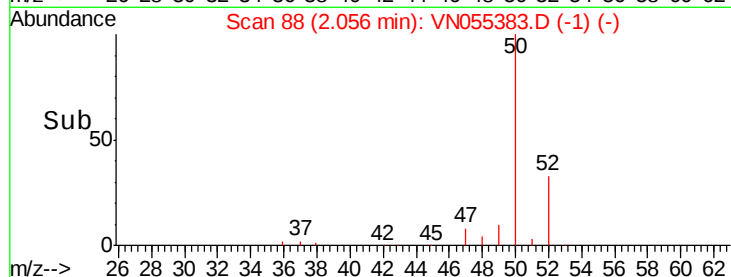
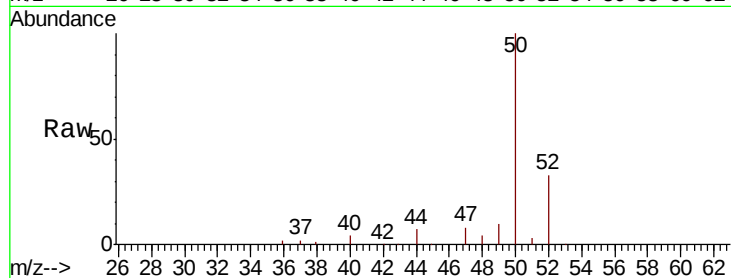
VN0503WBS01

Tot Ion: 50 Resp: 105517

Ion Ratio Lower Upper

50 100

52 32.9 25.7 38.5



#4

Vinyl Chloride

Concen: 18.219 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055383.D

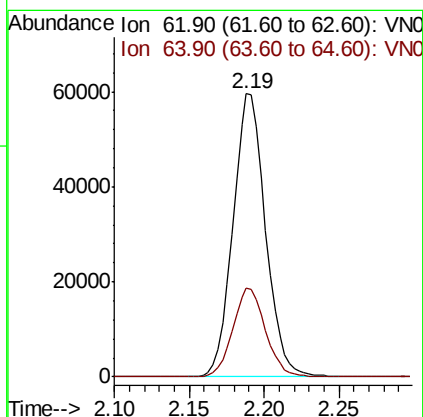
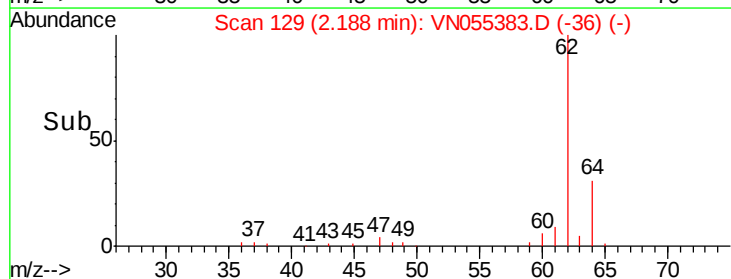
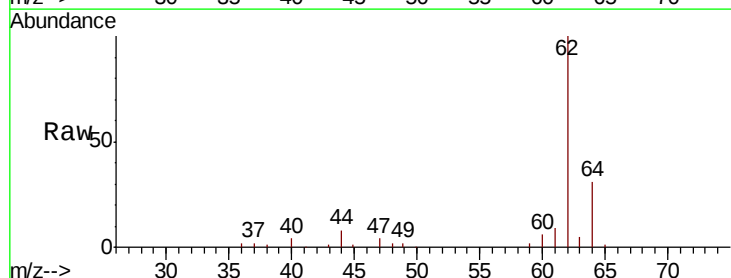
Acq: 3 May 2019 12:27

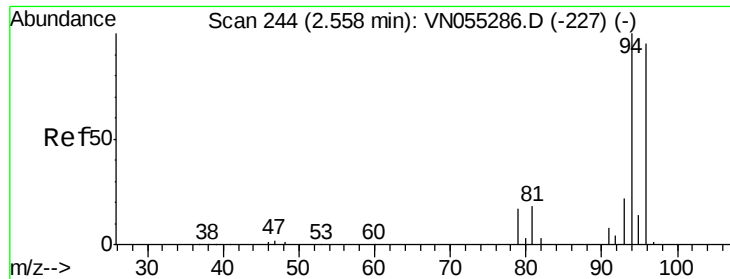
Tgt Ion: 62 Resp: 89990

Ion Ratio Lower Upper

62 100

64 31.3 25.5 38.3

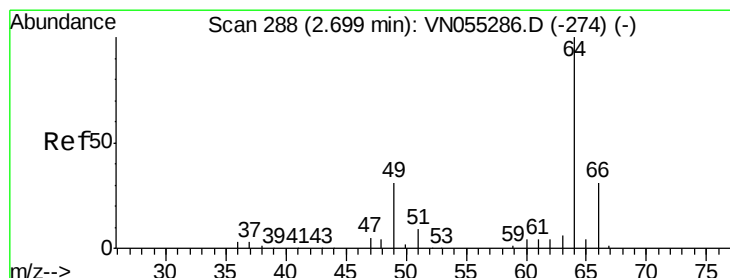
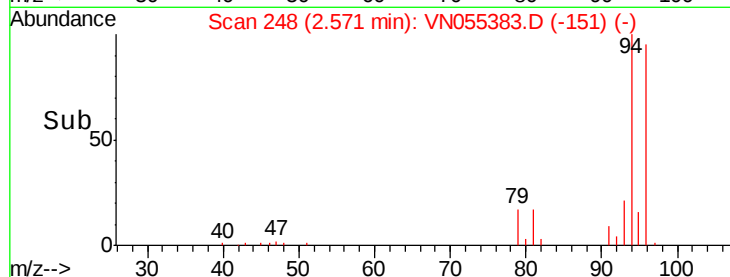
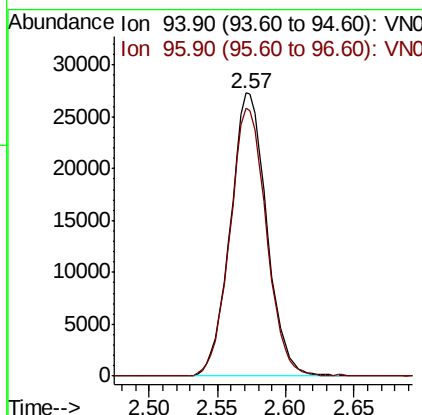
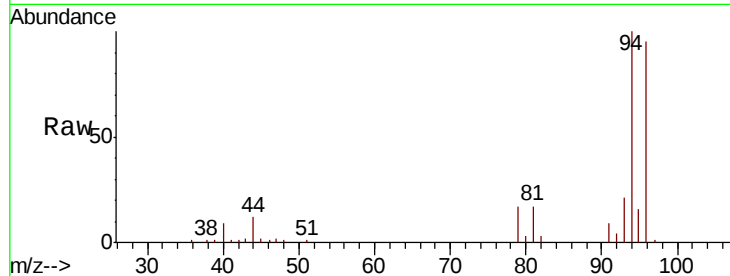




#5
Bromomethane
Concen: 19.291 ug/l
RT: 2.57 min Scan# 248
Delta R.T. 0.01 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

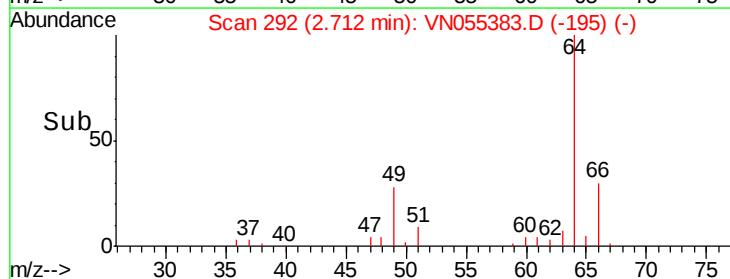
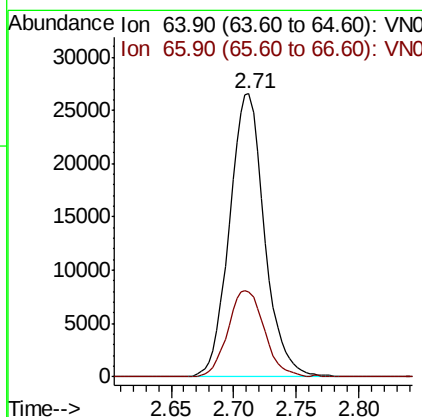
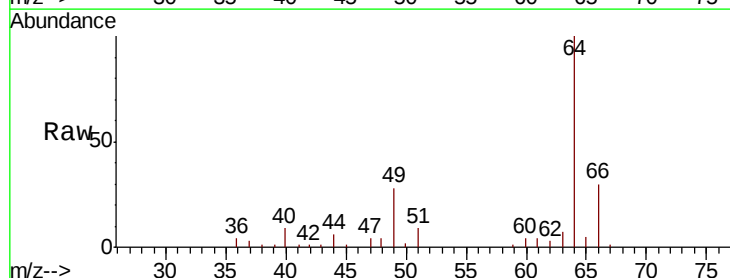
Instrument :
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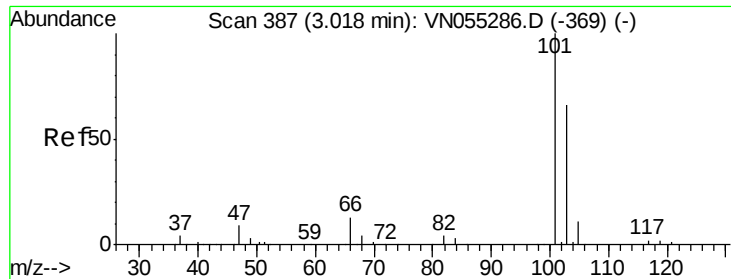
Tot Ion: 94 Resp: 50472
Ion Ratio Lower Upper
94 100
96 94.7 76.0 114.0



#6
Chloroethane
Concen: 19.270 ug/l
RT: 2.71 min Scan# 292
Delta R.T. 0.01 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

Tgt Ion: 64 Resp: 51563
Ion Ratio Lower Upper
64 100
66 30.2 25.0 37.4



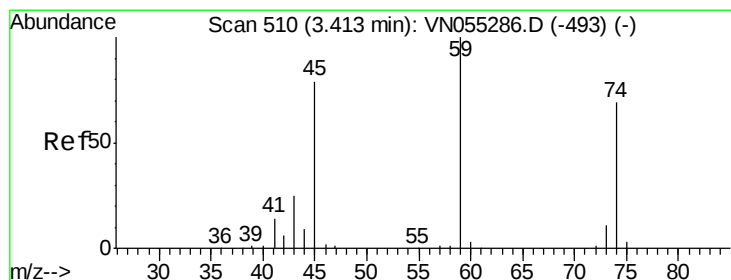
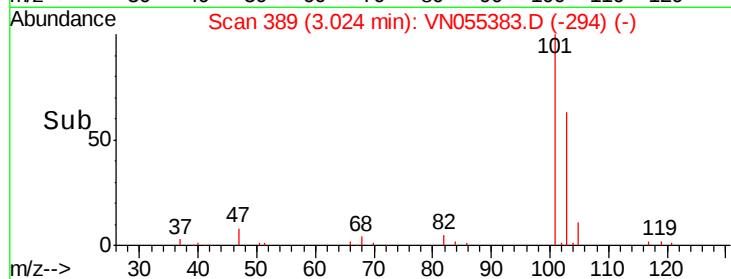
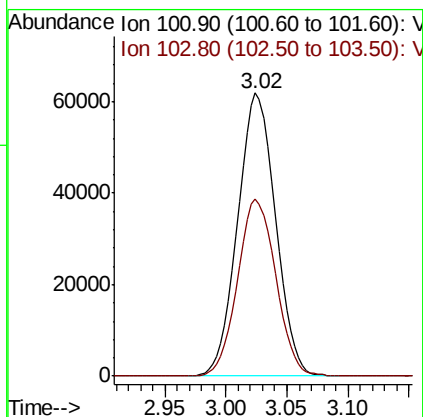
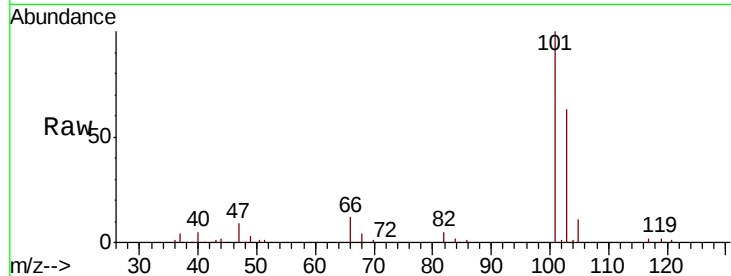


#7

Trichlorofluoromethane
 Concen: 18.929 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.01 min
 Lab File: VN055383.D
 Acq: 3 May 2019 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503WBS01

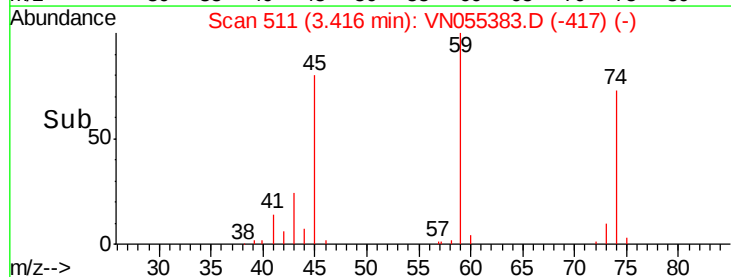
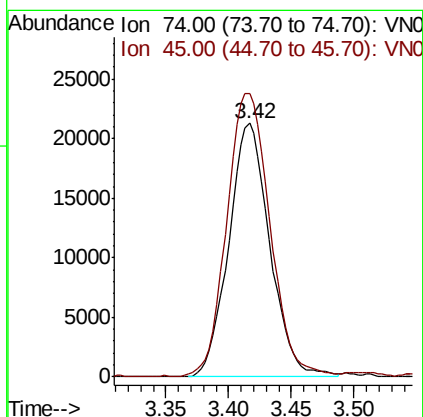
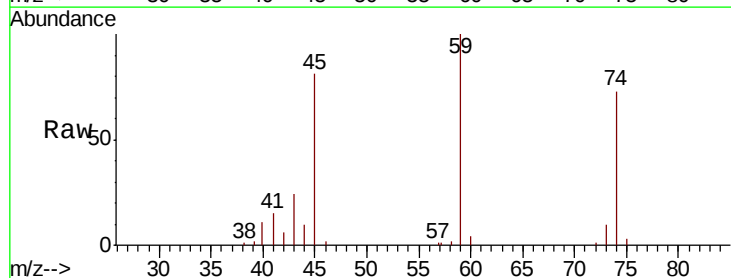
Tot Ion:101 Resp: 132951
 Ion Ratio Lower Upper
 101 100
 103 62.6 52.6 79.0

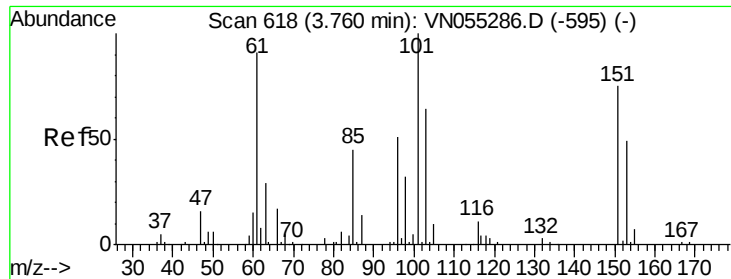


#8

Diethyl Ether
 Concen: 19.684 ug/l
 RT: 3.42 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VN055383.D
 Acq: 3 May 2019 12:27

Tgt Ion: 74 Resp: 48370
 Ion Ratio Lower Upper
 74 100
 45 118.1 58.9 176.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.085 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

Instrument :

MSVOA_N

ClientSampled :

VN0503WBS01

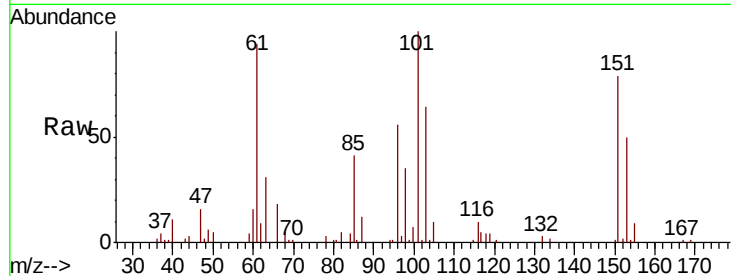
Tot Ion:101 Resp: 79822

Ion Ratio Lower Upper

101 100

85 42.9 35.7 53.5

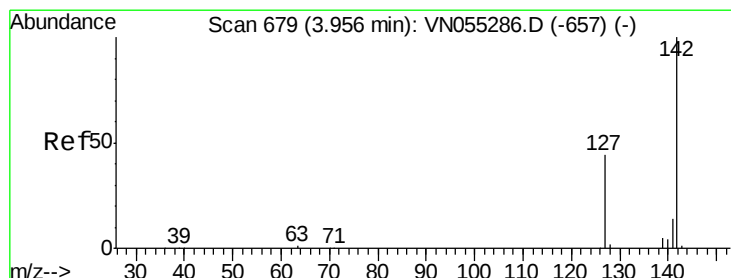
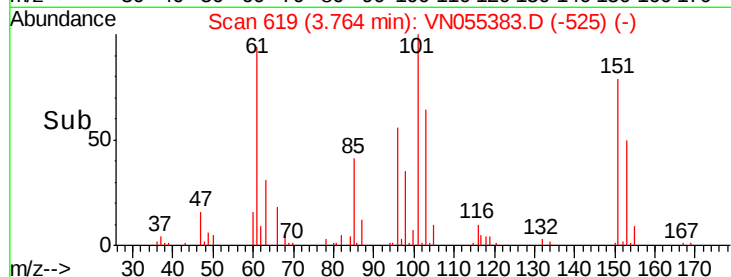
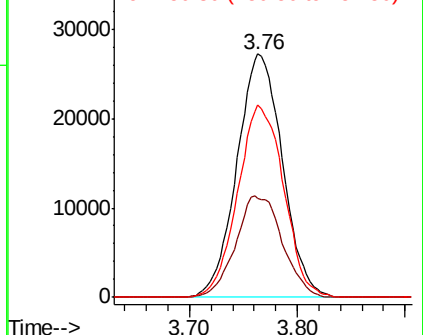
151 79.7 63.3 94.9



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: 18.731 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

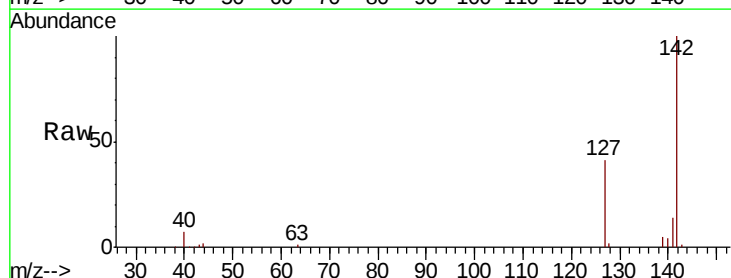
Tgt Ion:142 Resp: 110249

Ion Ratio Lower Upper

142 100

127 41.3 34.4 51.6

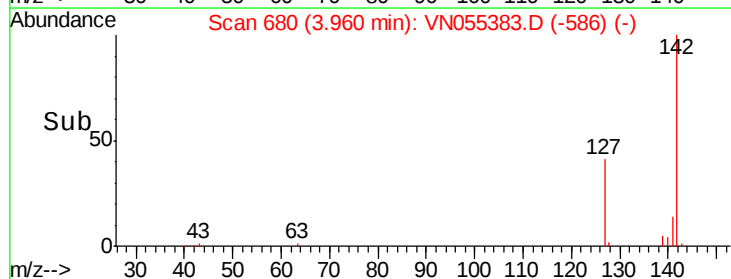
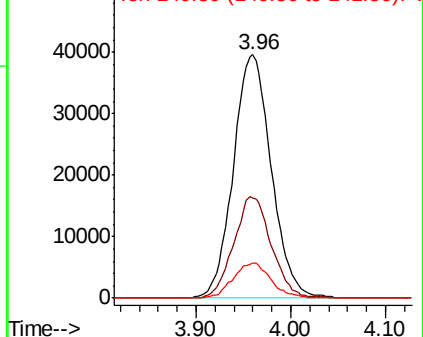
141 14.3 11.5 17.3



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

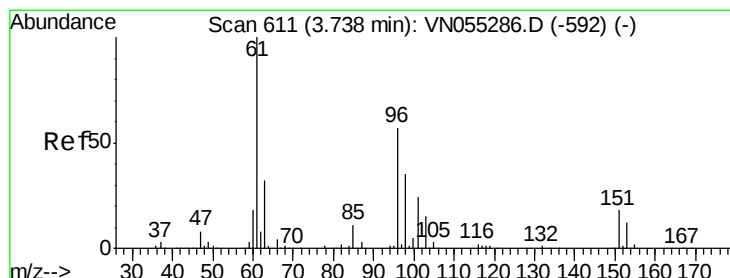
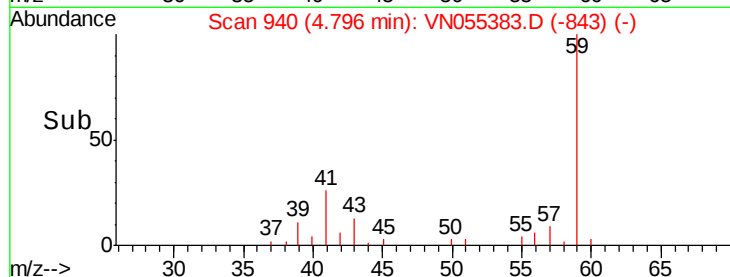
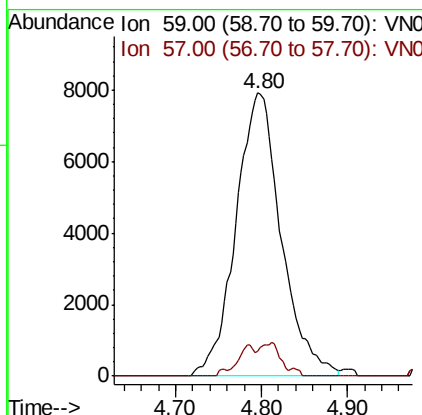
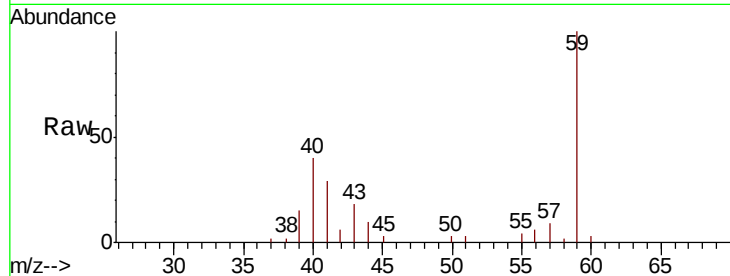




#11
Tert butyl alcohol
Concen: 95.899 ug/l
RT: 4.80 min Scan# 940
Delta R.T. 0.01 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

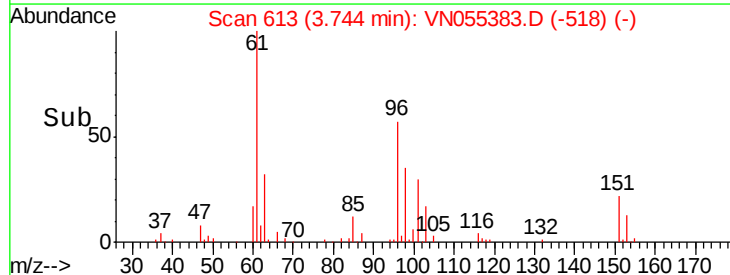
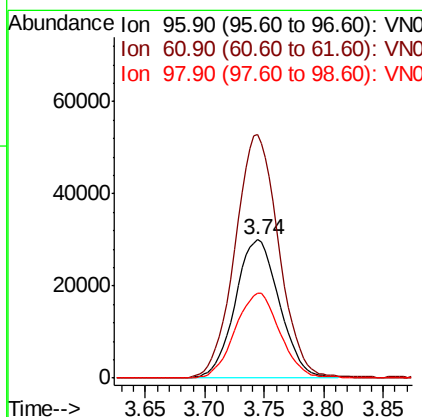
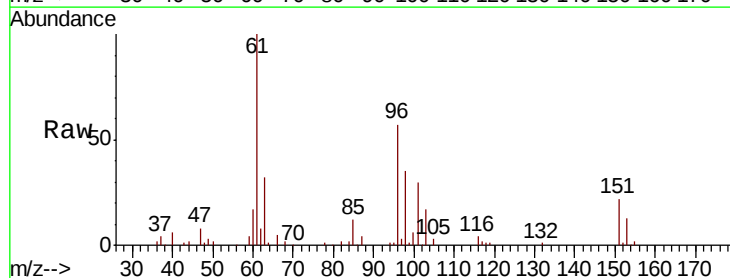
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBS01

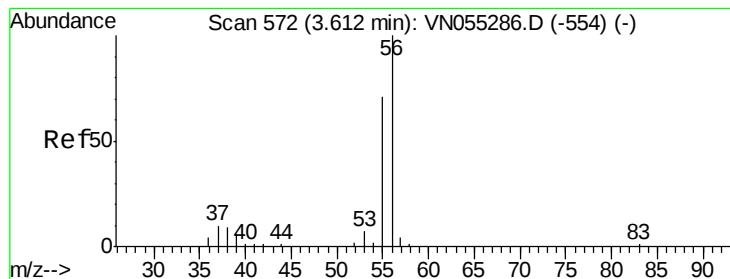
Tot Ion: 59 Resp: 29011
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 19.390 ug/l
RT: 3.74 min Scan# 613
Delta R.T. 0.01 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

Tgt Ion: 96 Resp: 77362
Ion Ratio Lower Upper
96 100
61 175.7 140.9 211.3
98 61.9 50.0 75.0





#13

Acrolein

Concen: 50.294 ug/l

RT: 3.62 min Scan# 574

Delta R.T. 0.01 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

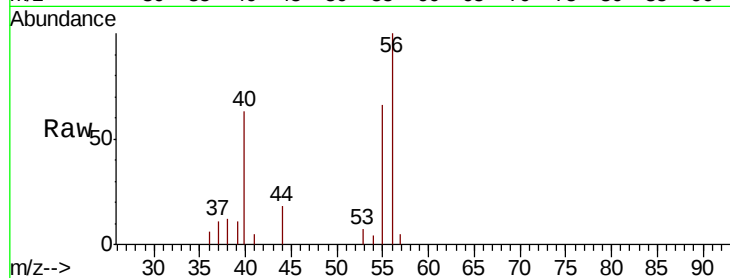
VN0503WBS01

Tot Ion: 56 Resp: 11882

Ion Ratio Lower Upper

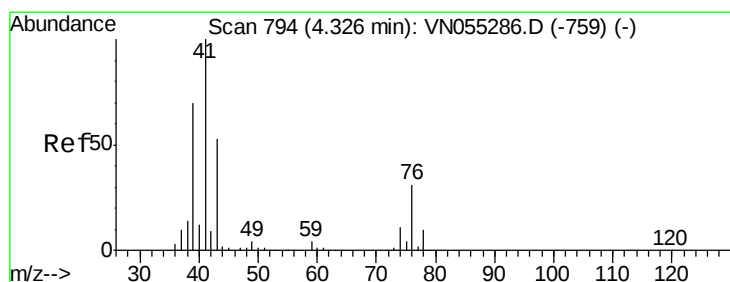
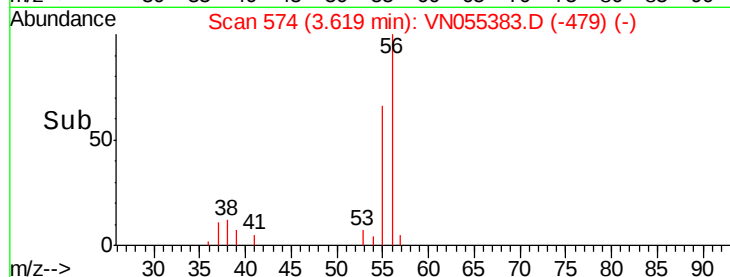
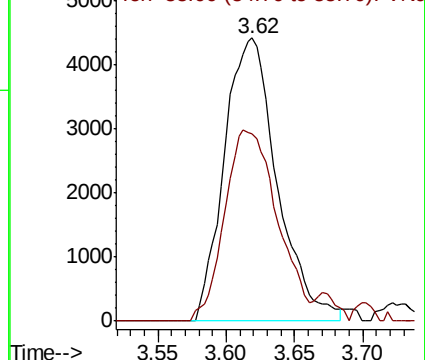
56 100

55 67.2 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.235 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

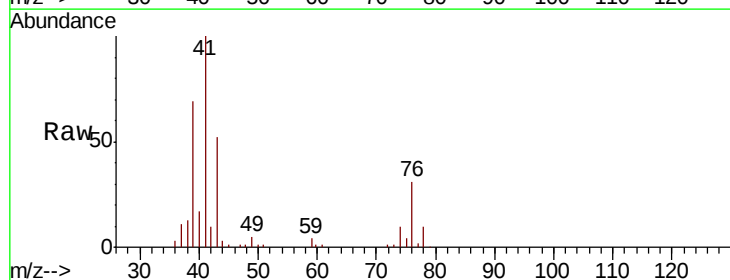
Tgt Ion: 41 Resp: 158943

Ion Ratio Lower Upper

41 100

39 66.7 53.0 79.6

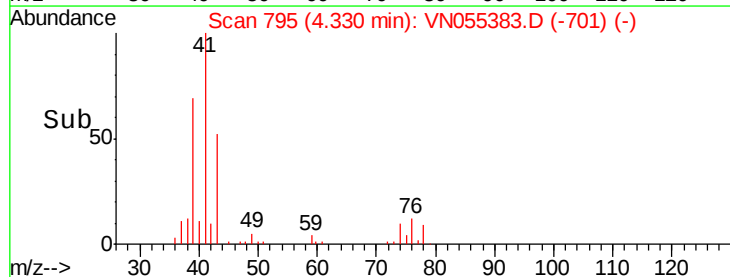
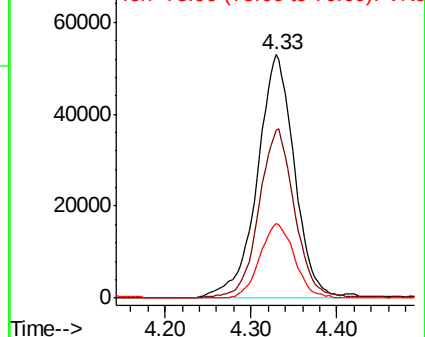
76 28.7 22.7 34.1

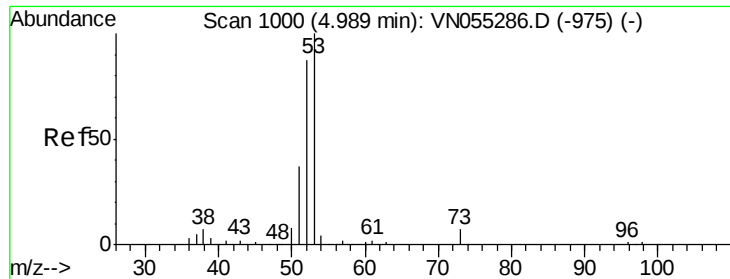


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 95.597 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0503WBS01

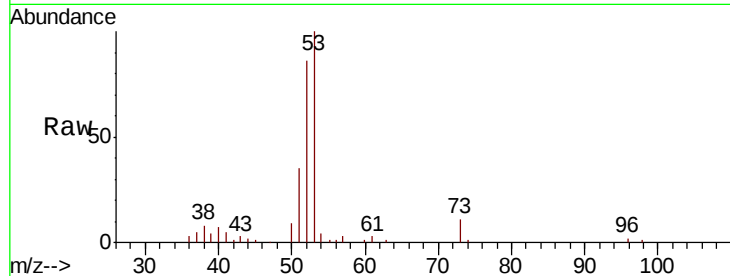
Tot Ion: 53 Resp: 162554

Ion Ratio Lower Upper

53 100

52 83.2 66.5 99.7

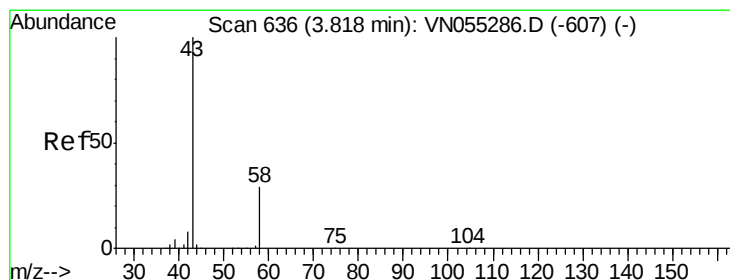
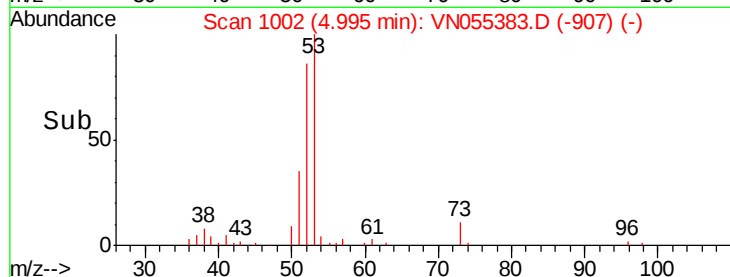
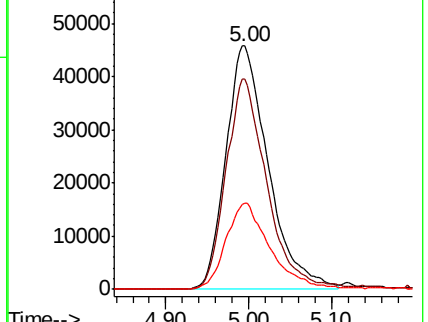
51 36.7 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VN055383.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VN055383.D (-907) (-)

Ion 51.00 (50.70 to 51.70): VN055383.D (-907) (-)



#16

Acetone

Concen: 82.725 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055383.D

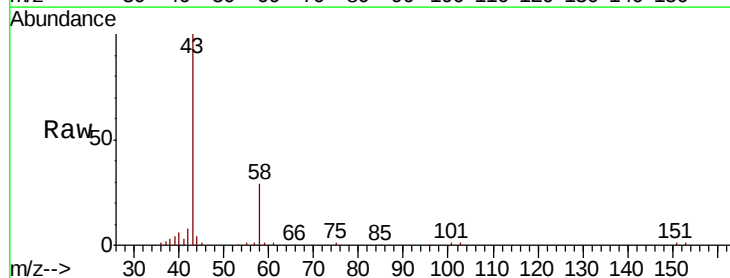
Acq: 3 May 2019 12:27

Tgt Ion: 43 Resp: 136197

Ion Ratio Lower Upper

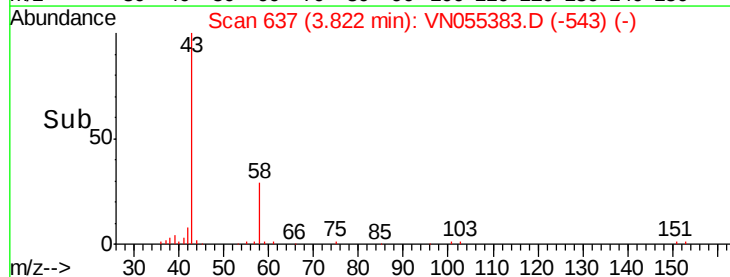
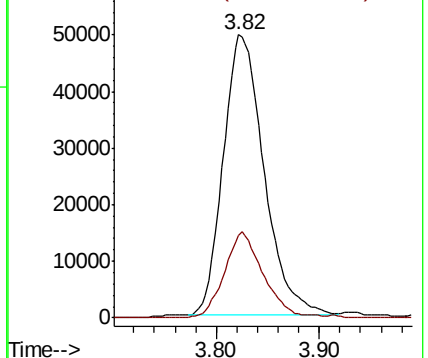
43 100

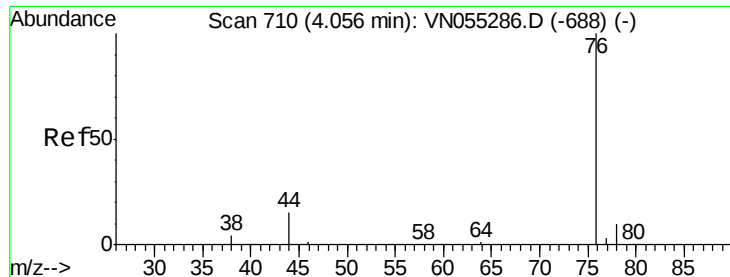
58 29.3 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN055383.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055383.D (-543) (-)

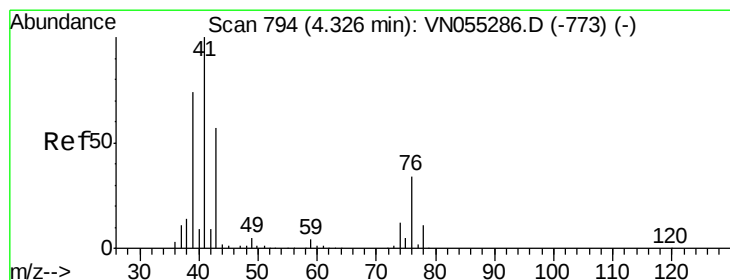
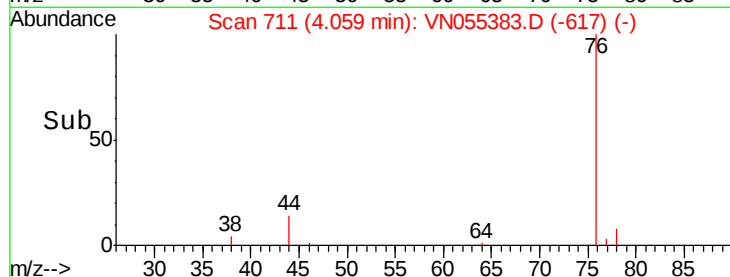
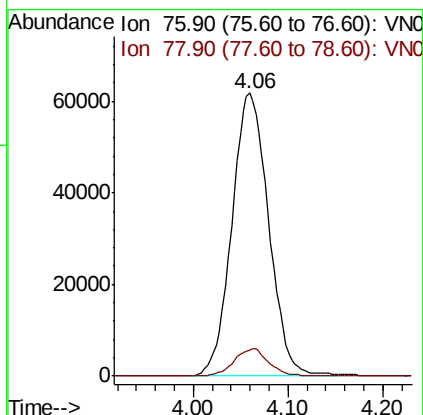
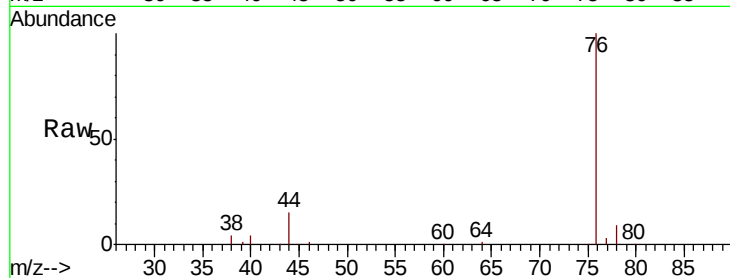




#17
Carbon Disulfide
Concen: 16.031 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

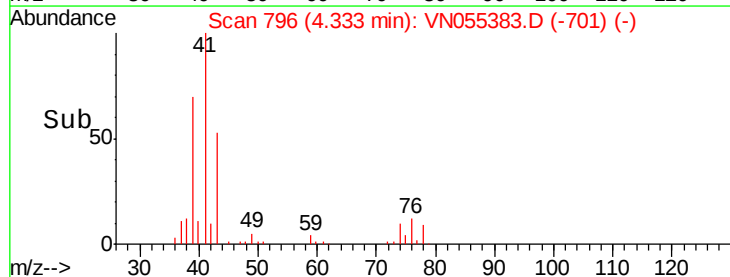
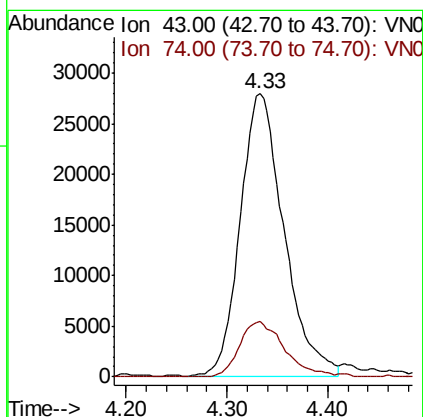
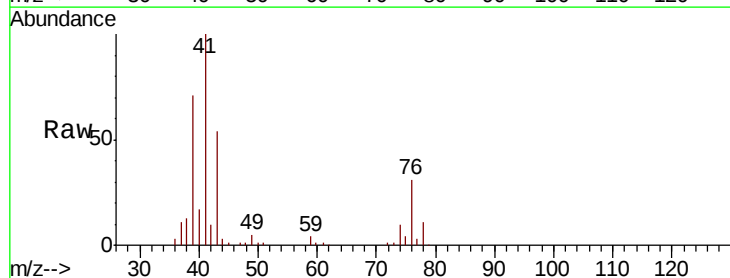
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBS01

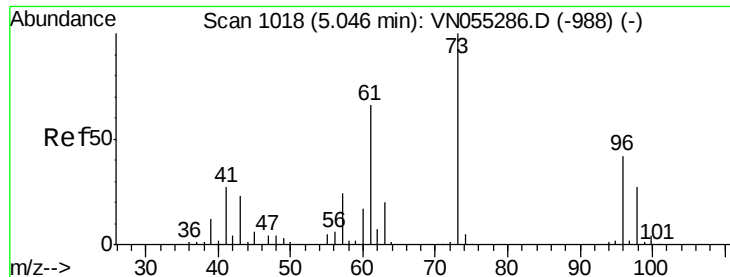
Tot Ion: 76 Resp: 166919
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



#18
Methyl Acetate
Concen: 20.467 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

Tgt Ion: 43 Resp: 84539
Ion Ratio Lower Upper
43 100
74 20.0 15.8 23.8

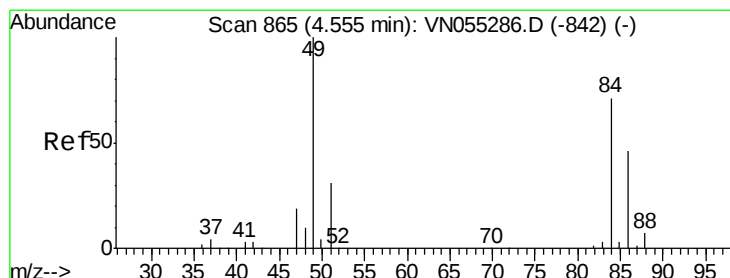
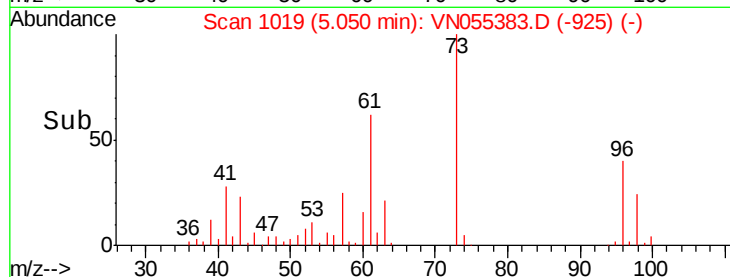
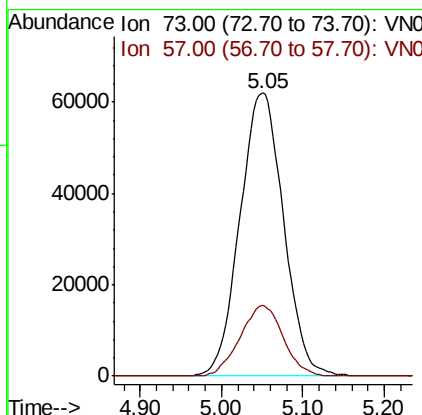
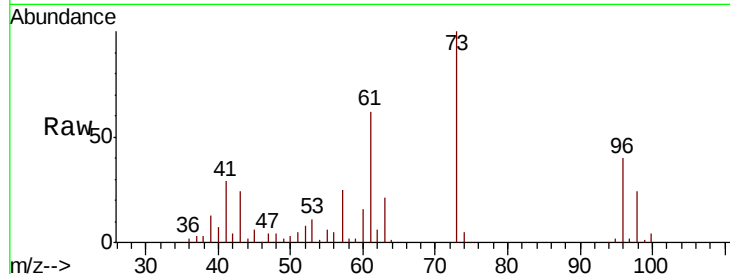




#19
Methvl tert-butvl Ether
Concen: 20.489 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

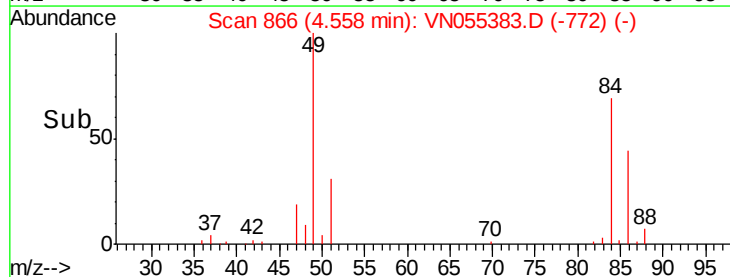
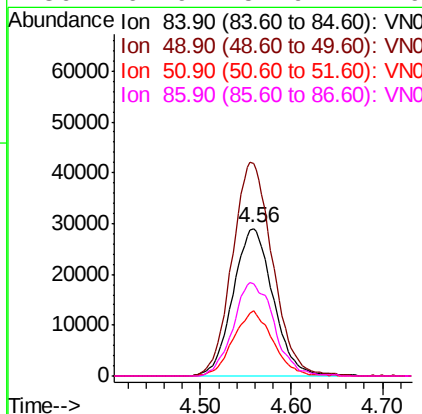
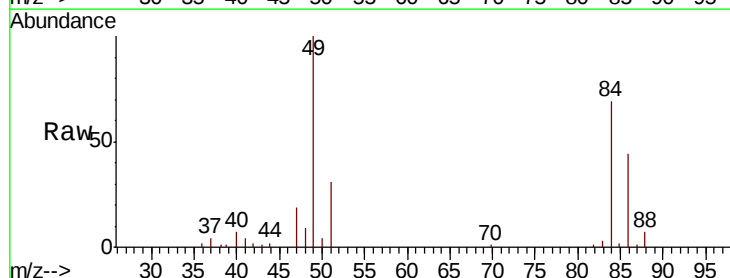
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBS01

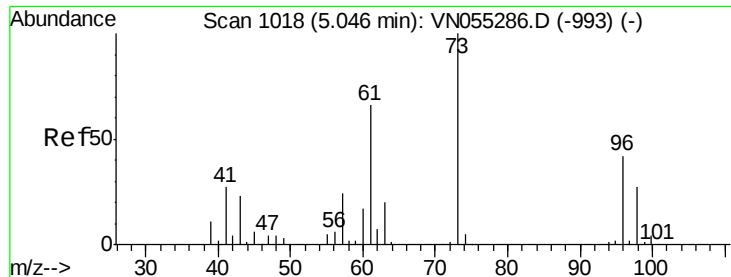
Tot Ion: 73 Resp: 229813
Ion Ratio Lower Upper
73 100
57 24.9 19.1 28.7



#20
Methylene Chloride
Concen: 17.659 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

Tgt Ion: 84 Resp: 88741
Ion Ratio Lower Upper
84 100
49 144.0 112.4 168.6
51 44.0 34.6 51.8
86 62.9 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 18.520 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0503WBS01

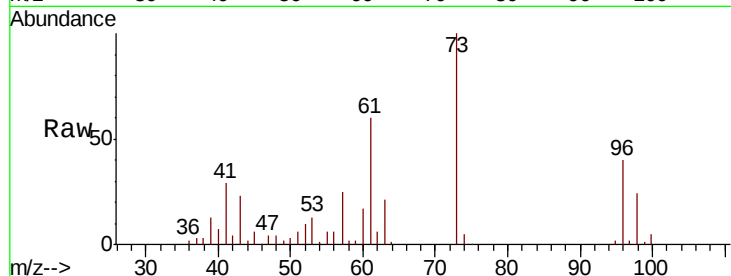
Tot Ion: 96 Resp: 78256

Ion Ratio Lower Upper

96 100

61 149.1 126.2 189.4

98 59.9 52.2 78.2

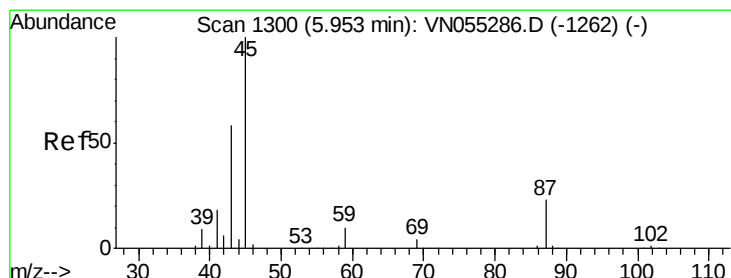
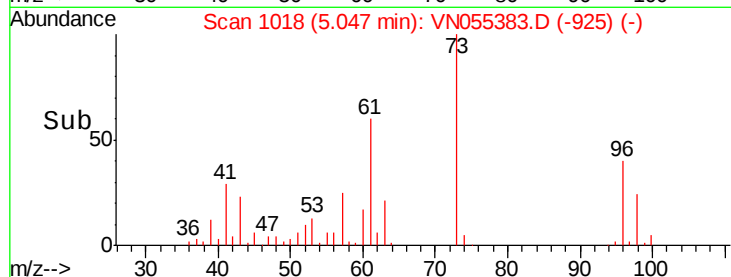
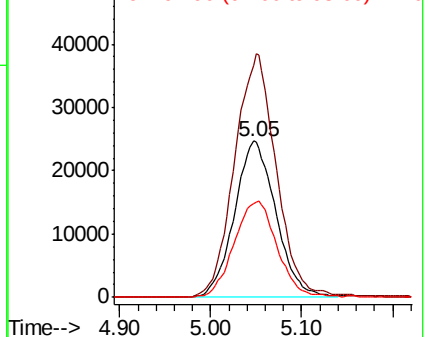


Abundance

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: 20.588 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

Tgt Ion: 45 Resp: 338023

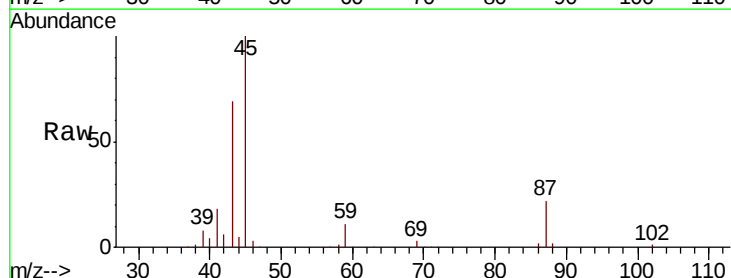
Ion Ratio Lower Upper

45 100

43 67.3 46.6 70.0

87 21.8 18.1 27.1

59 10.9 8.2 12.2



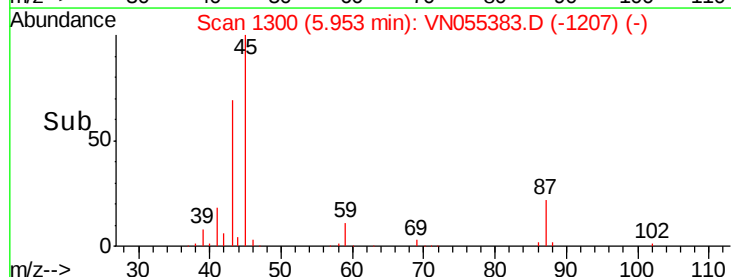
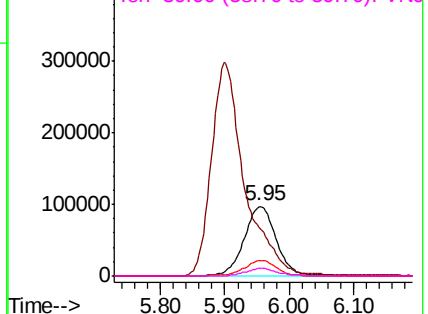
Abundance

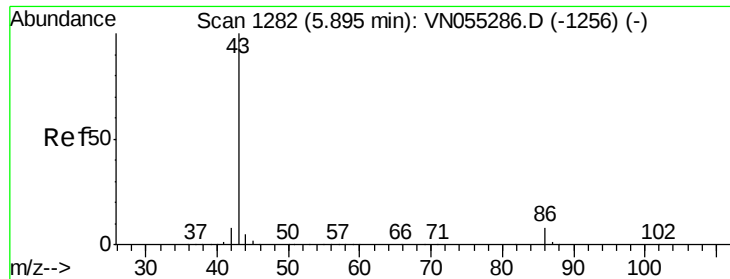
Ion 45.00 (44.70 to 45.70): VN0

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

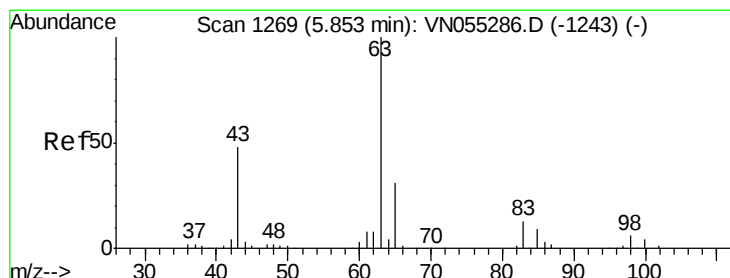
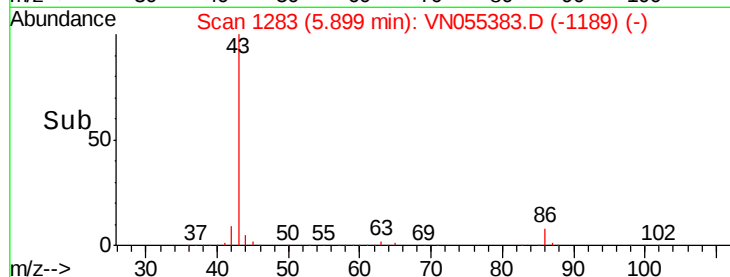
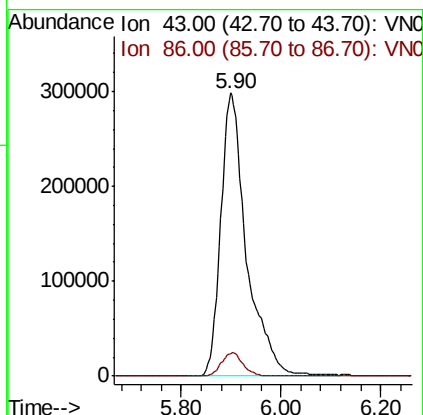
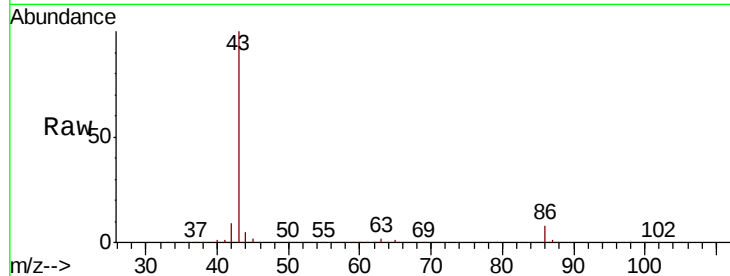




#23
 Vinyl Acetate
 Concen: 99.841 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN055383.D
 Acq: 3 May 2019 12:27

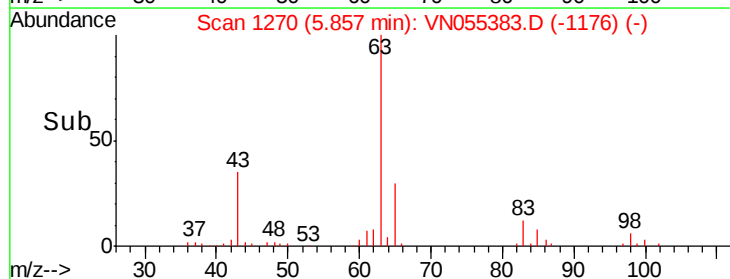
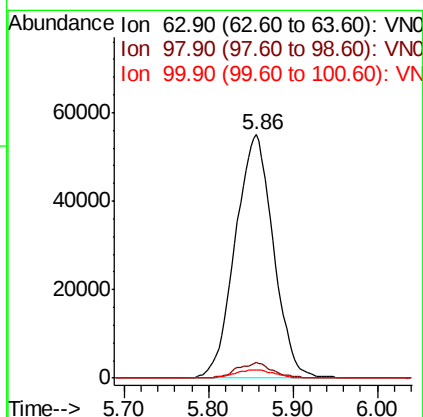
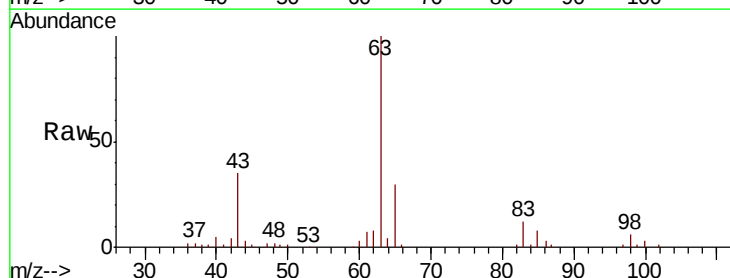
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503WBS01

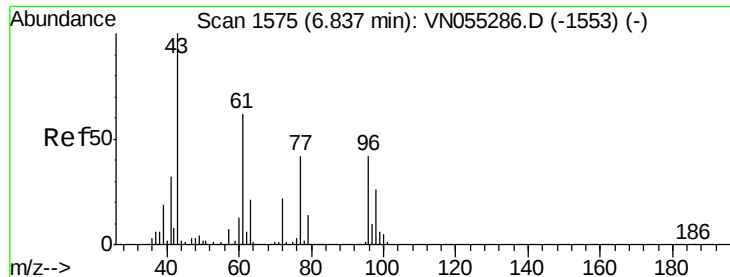
Tot Ion: 43 Resp: 1074344
 Ion Ratio Lower Upper
 43 100
 86 8.1 6.6 10.0



#24
 1,1-Dichloroethane
 Concen: 19.737 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VN055383.D
 Acq: 3 May 2019 12:27

Tgt Ion: 63 Resp: 172653
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.0 9.0
 100 3.4 1.8 5.4

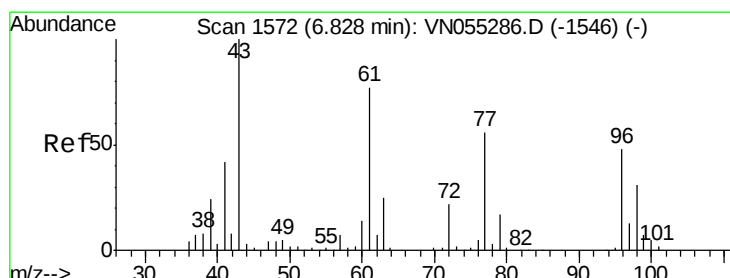
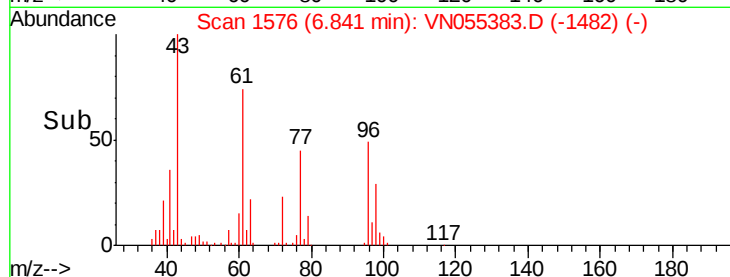
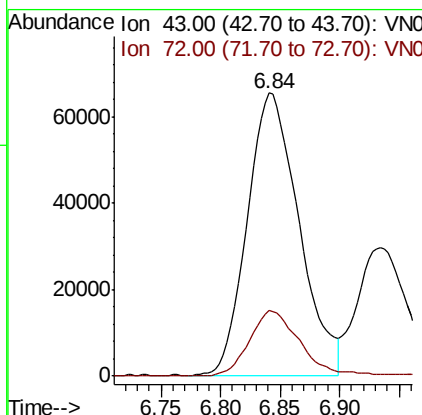
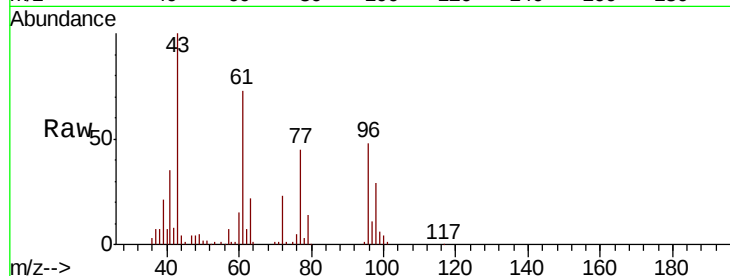




#25
2-Butanone
Concen: 93.079 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

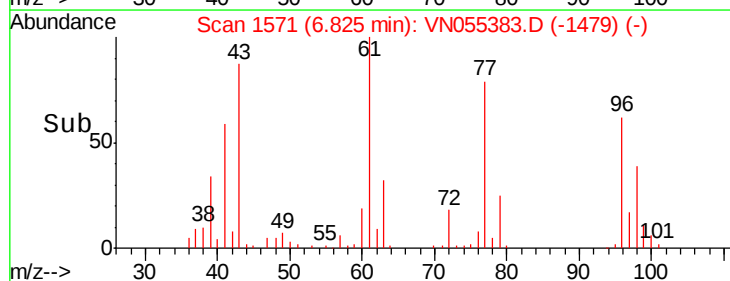
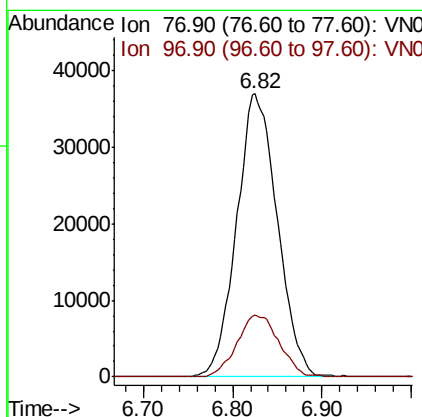
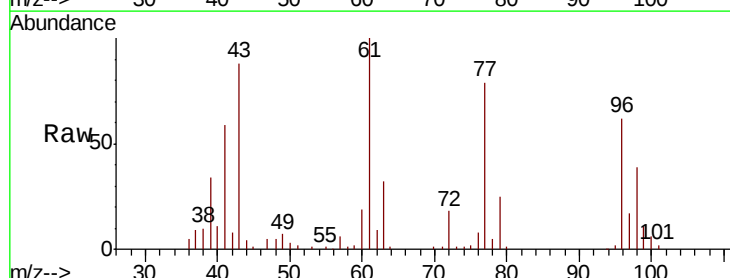
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBS01

Tot Ion: 43 Resp: 195979
Ion Ratio Lower Upper
43 100
72 23.2 18.0 27.0



#26
2,2-Dichloropropane
Concen: 19.414 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

Tgt Ion: 77 Resp: 117278
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 19.999 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0503WBS01

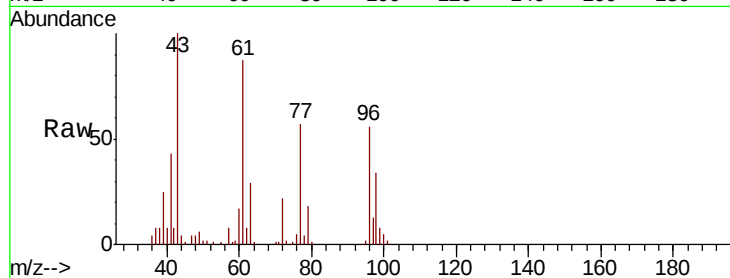
Tot Ion: 96 Resp: 96097

Ion Ratio Lower Upper

96 100

61 159.6 0.0 316.2

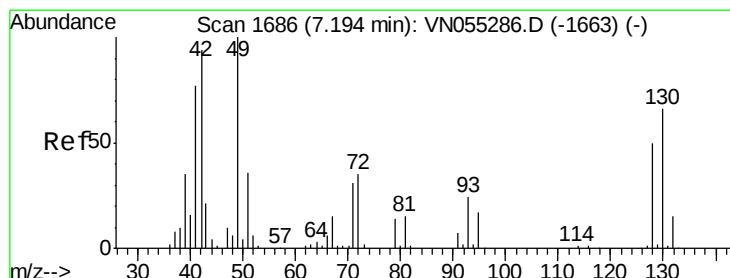
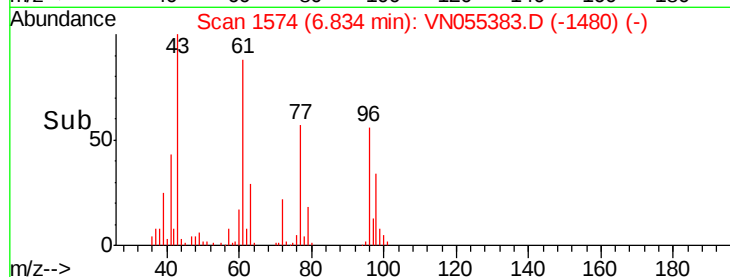
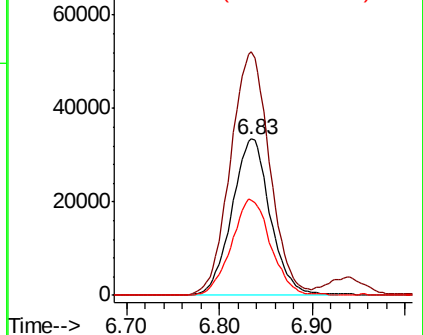
98 62.4 0.0 126.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.079 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.01 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

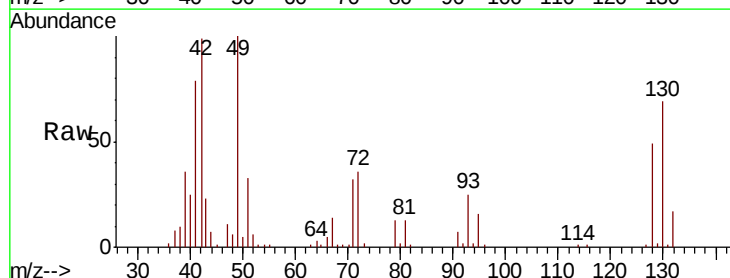
Tgt Ion: 49 Resp: 88540

Ion Ratio Lower Upper

49 100

129 1.6 0.0 2.4

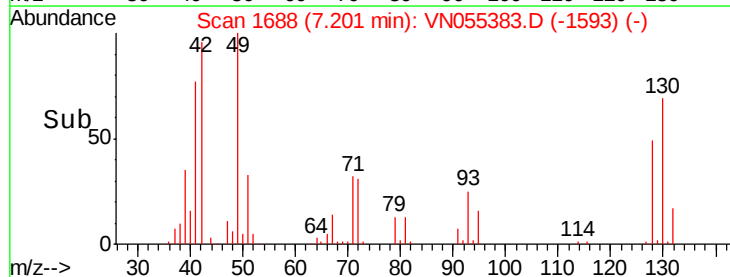
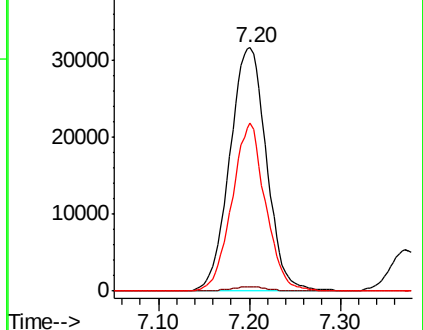
130 63.2 52.0 78.0

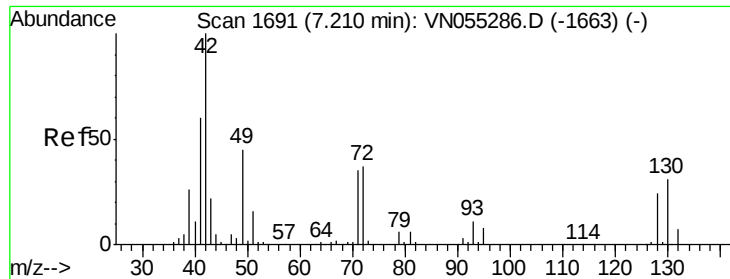


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

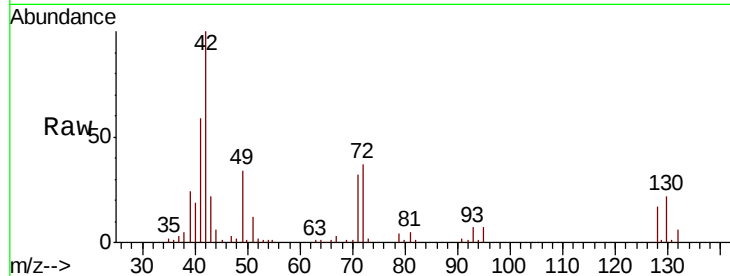




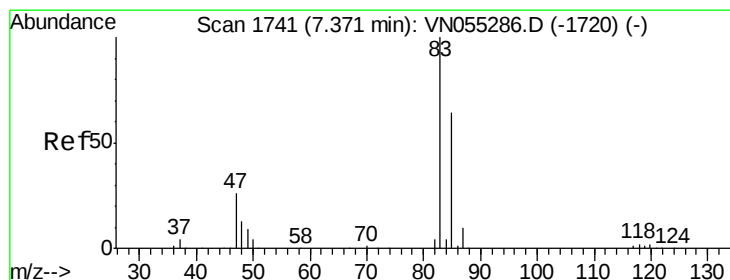
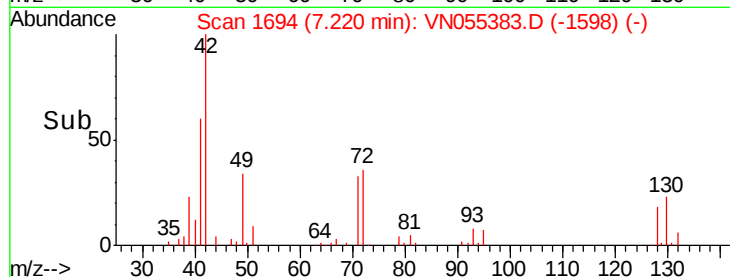
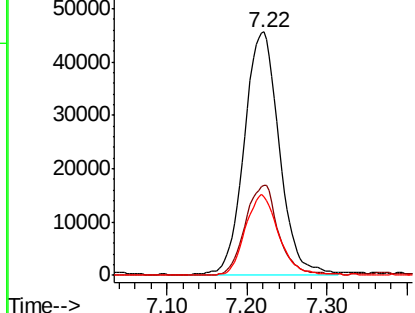
#29
Tetrahydrofuran
Concen: 101.419 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

Instrument :
MSVOA_N
ClientSampleId :
VN0503WBS01

Tot Ion: 42 Resp: 136735
Ion Ratio Lower Upper
42 100
72 34.5 29.0 43.6
71 31.6 27.1 40.7

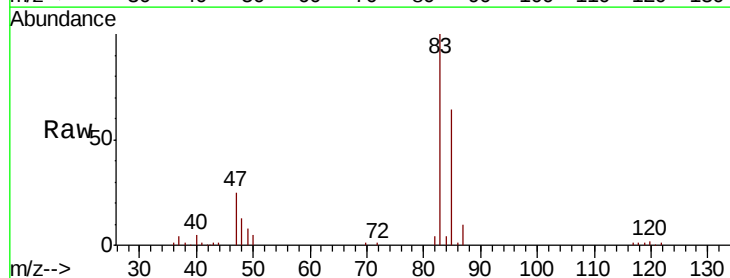


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

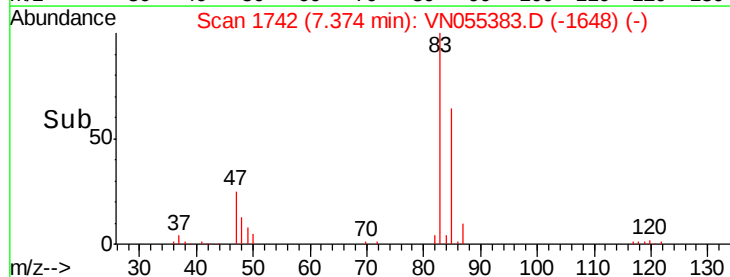
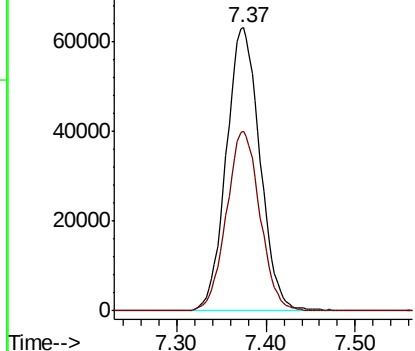


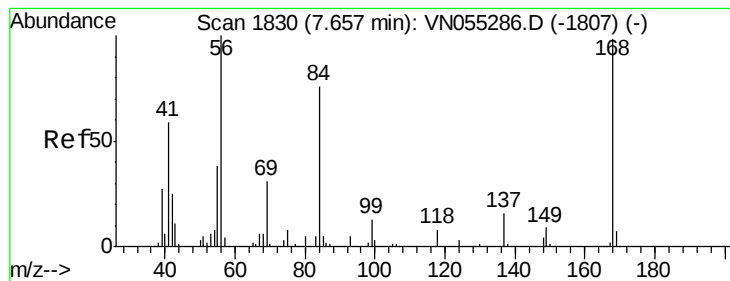
#30
Chloroform
Concen: 19.940 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

Tgt Ion: 83 Resp: 165351
Ion Ratio Lower Upper
83 100
85 63.5 51.4 77.2



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





#31

Cyclohexane

Concen: 18.833 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0503WBS01

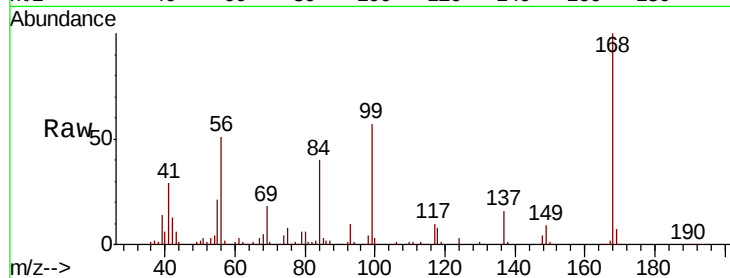
Tot Ion: 56 Resp: 156527

Ion Ratio Lower Upper

56 100

69 34.6 25.2 37.8

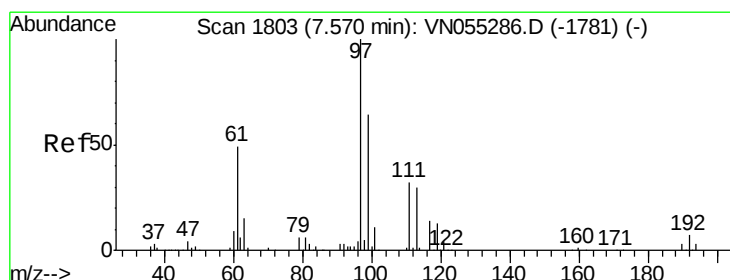
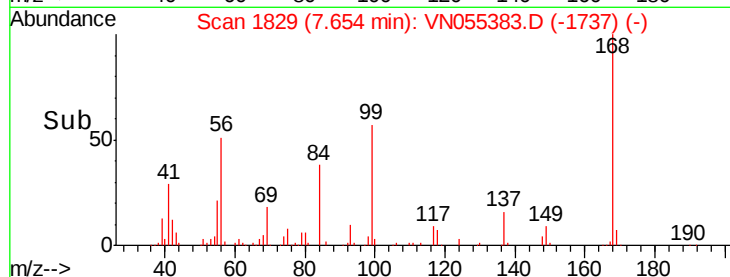
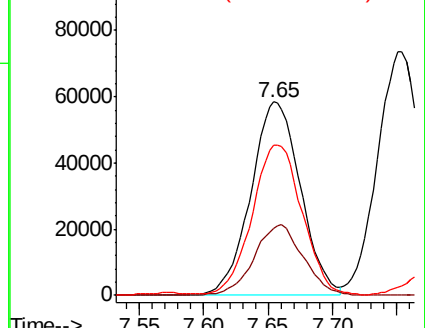
84 76.9 61.1 91.7



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: 19.423 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

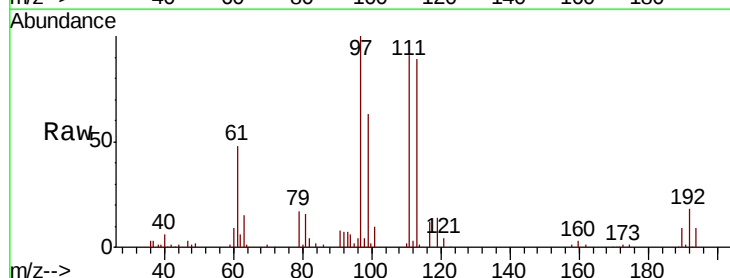
Tgt Ion: 97 Resp: 130724

Ion Ratio Lower Upper

97 100

99 63.6 51.8 77.8

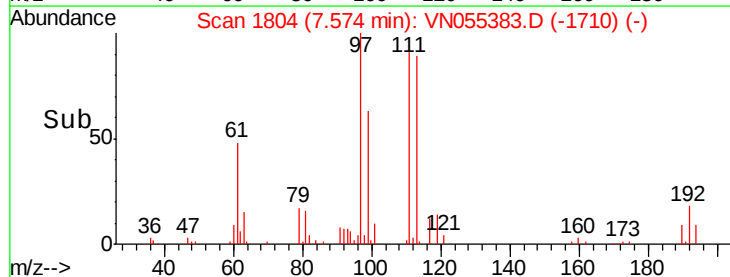
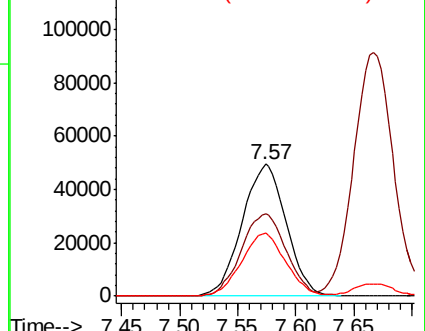
61 48.0 39.0 58.6



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: 49.756 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

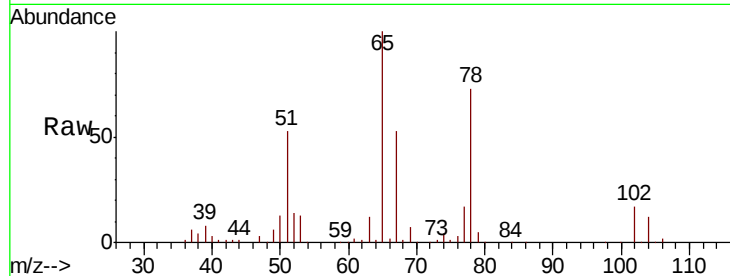
VN0503WBS01

Tot Ion: 65 Resp: 262902

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN055383.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN055383.D (-1852) (-)

8.03

120000

100000

80000

60000

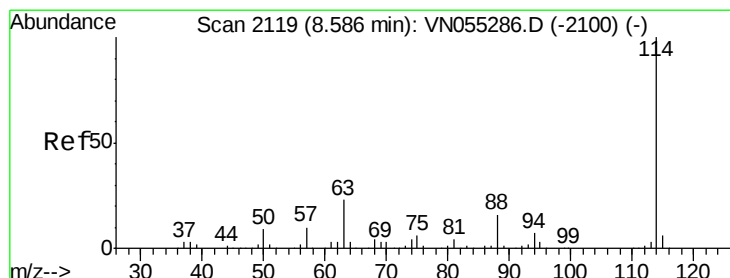
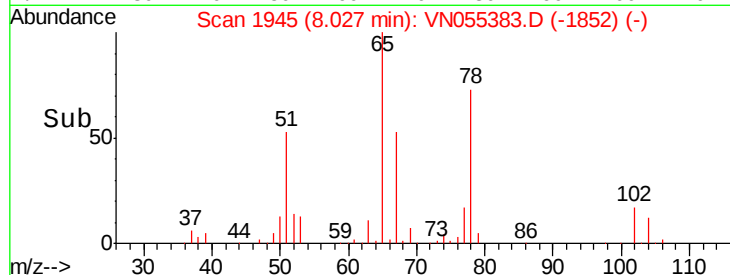
40000

20000

0

7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

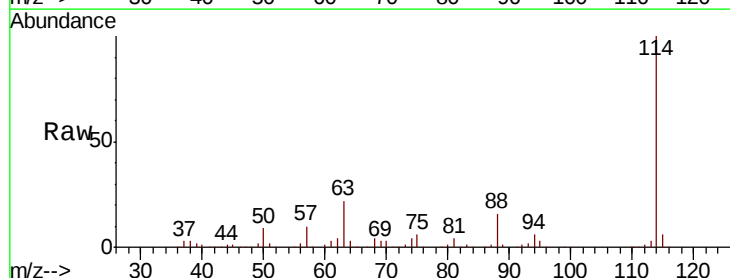
Tgt Ion: 114 Resp: 648581

Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.2

88 15.8 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN055383.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN055383.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN055383.D (-2026) (-)

8.59

400000

300000

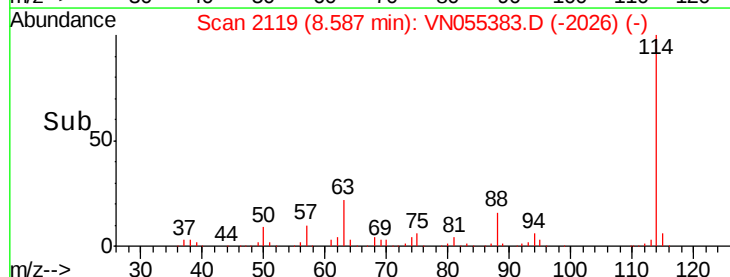
200000

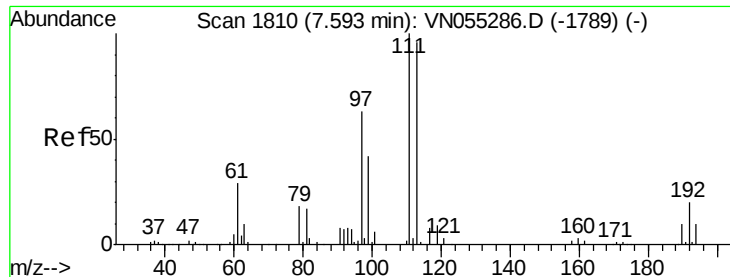
100000

0

8.50 8.60 8.70

Time-->

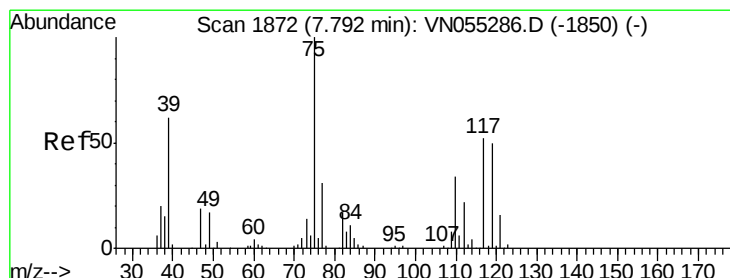
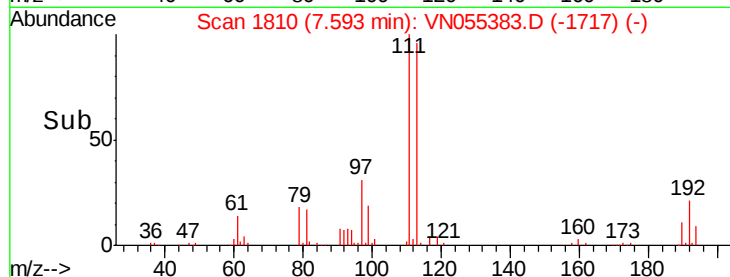
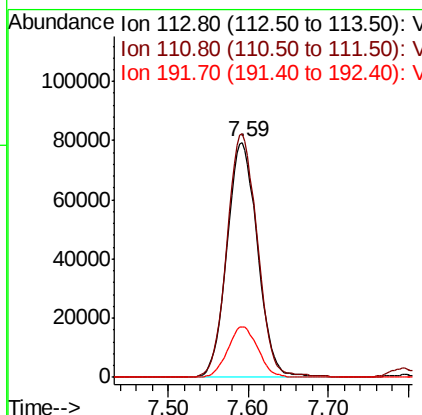
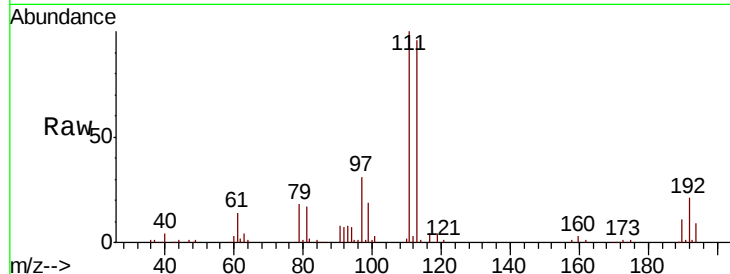




#35
Dibromofluoromethane
Concen: 48.385 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

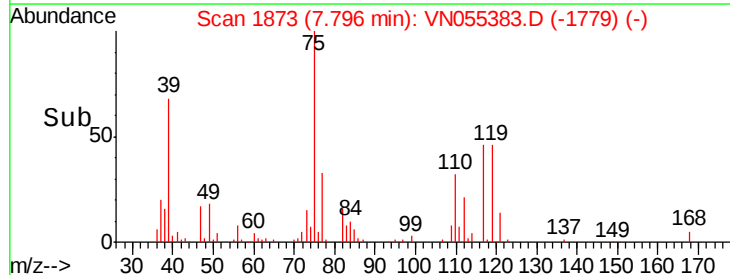
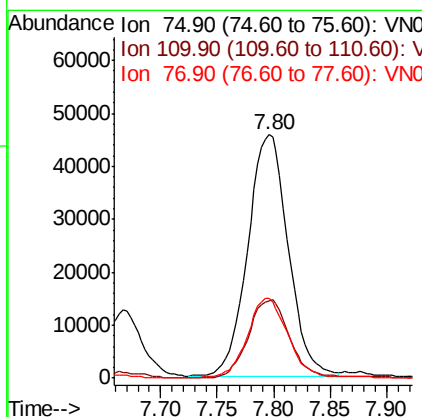
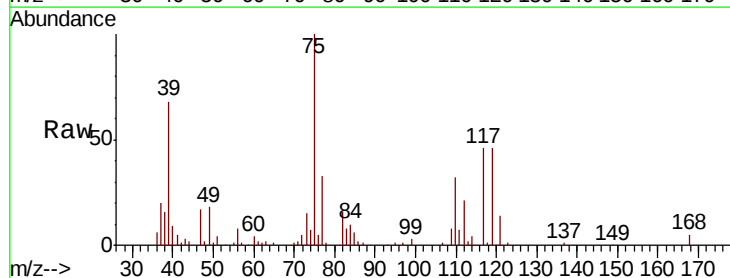
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBS01

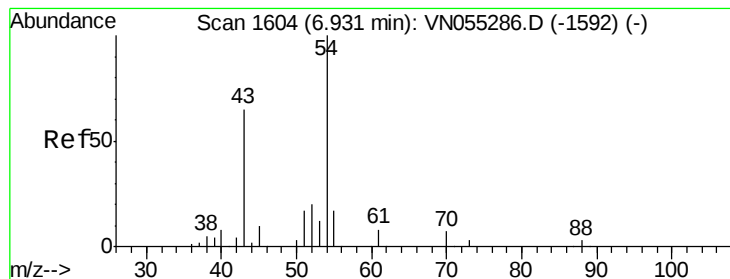
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.3	123.5
192	21.2	17.0	25.6



#36
1,1-Dichloropropene
Concen: 18.209 ug/l
RT: 7.80 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.0	16.8	50.4
77	33.4	25.0	37.6





#37

Ethyl Acetate

Concen: 18.130 ug/l

RT: 6.93 min Scan# 1605

Delta R.T. 0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0503WBS01

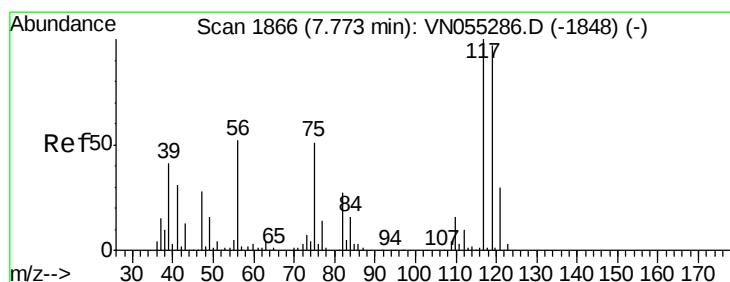
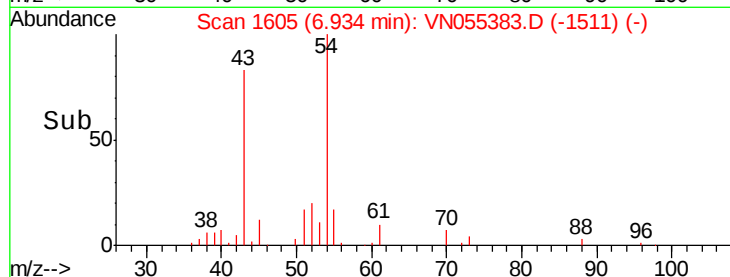
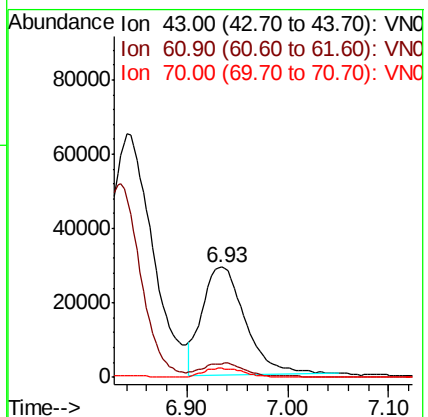
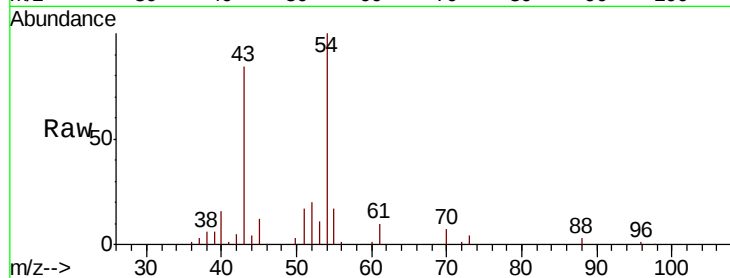
Tot Ion: 43 Resp: 86320

Ion Ratio Lower Upper

43 100

61 11.9 10.4 15.6

70 8.2 6.6 10.0



#38

Carbon Tetrachloride

Concen: 18.190 ug/l

RT: 7.78 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

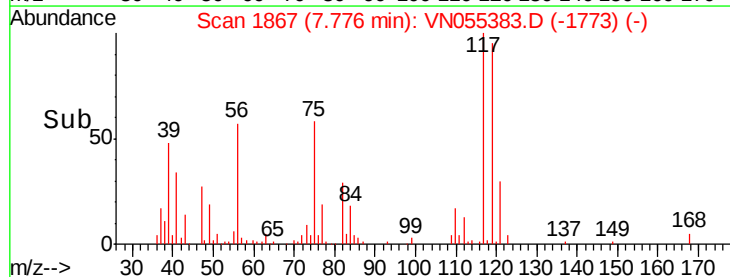
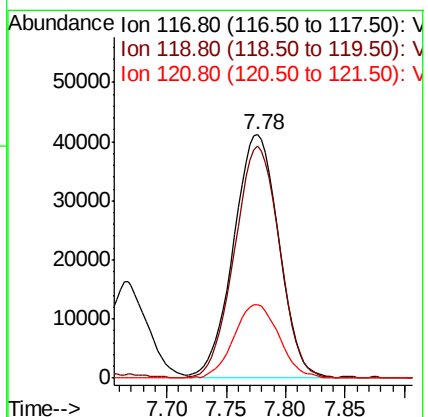
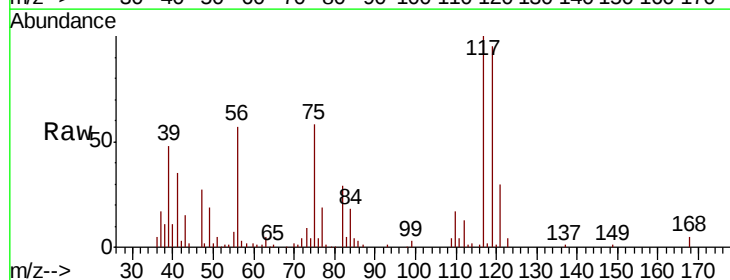
Tgt Ion: 117 Resp: 109010

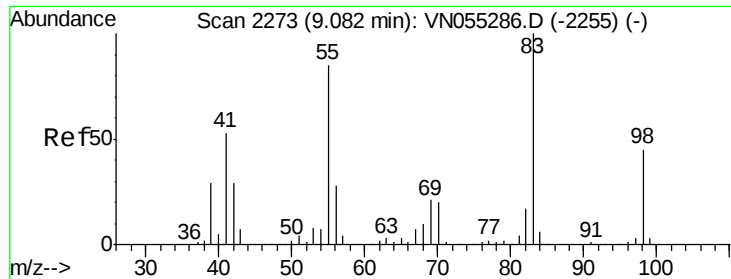
Ion Ratio Lower Upper

117 100

119 95.1 77.0 115.6

121 30.2 23.8 35.8

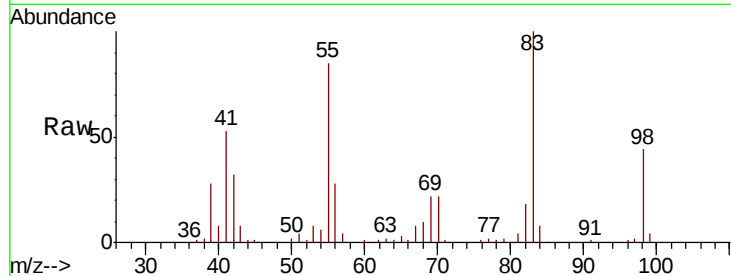




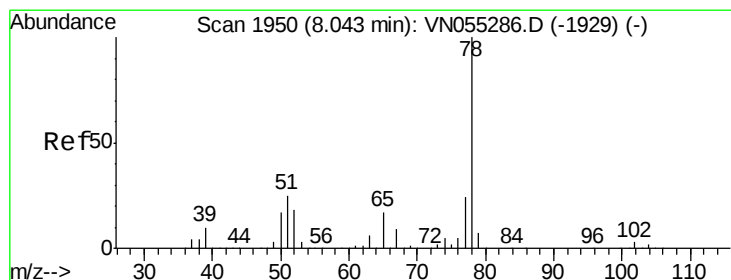
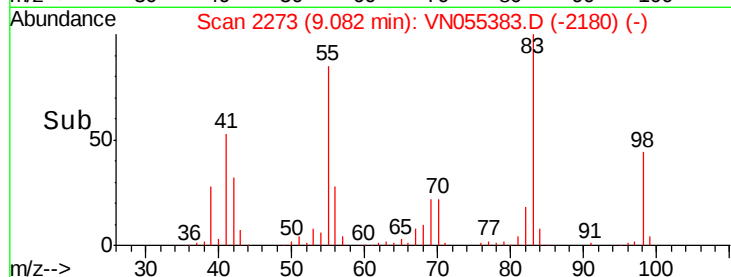
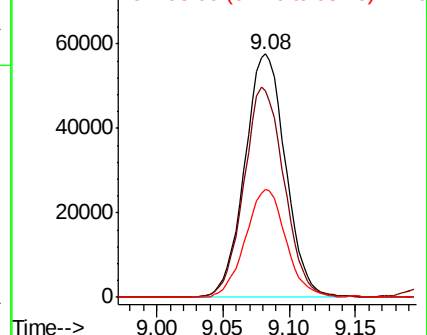
#39
Methvlcvclohexane
Concen: 18.659 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

Instrument :
MSVOA_N
ClientSampleId :
VN0503WBS01

Tot Ion: 83 Resp: 123244
Ion Ratio Lower Upper
83 100
55 84.9 67.8 101.6
98 44.5 36.2 54.4

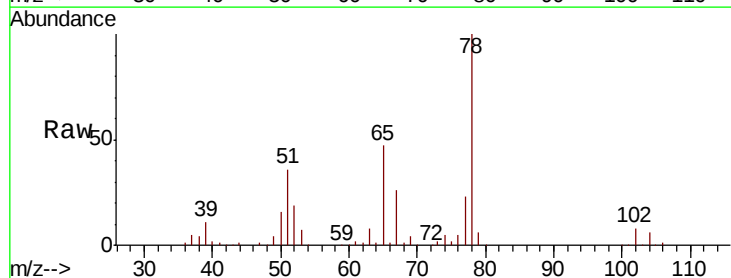


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

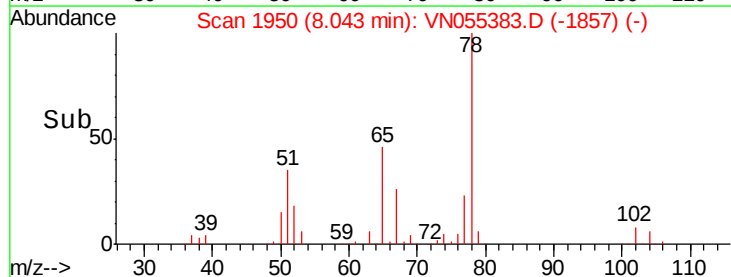
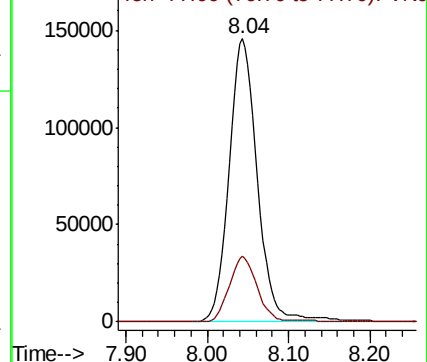


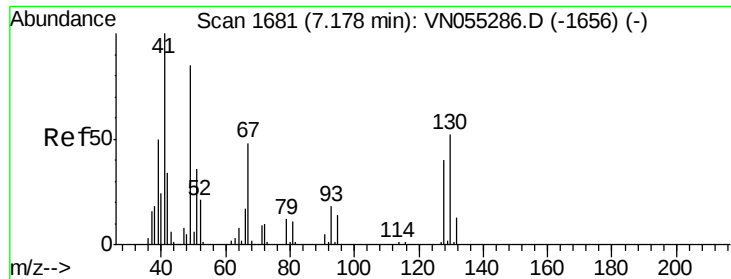
#40
Benzene
Concen: 19.447 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

Tgt Ion: 78 Resp: 356146
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

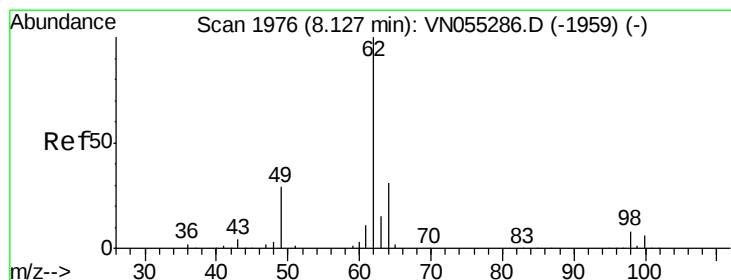
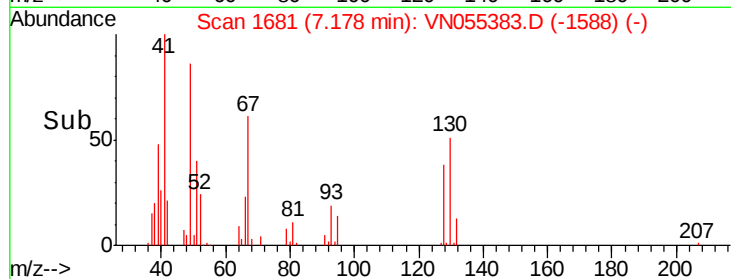
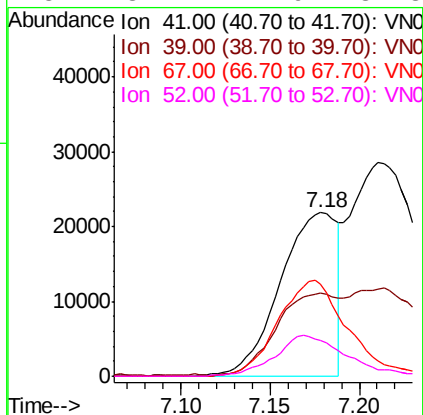
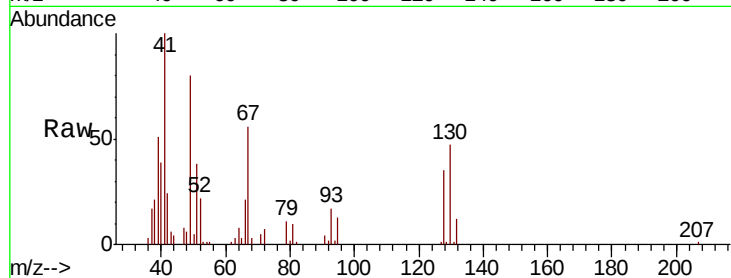




#41
Methacrylonitrile
Concen: 19.270 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

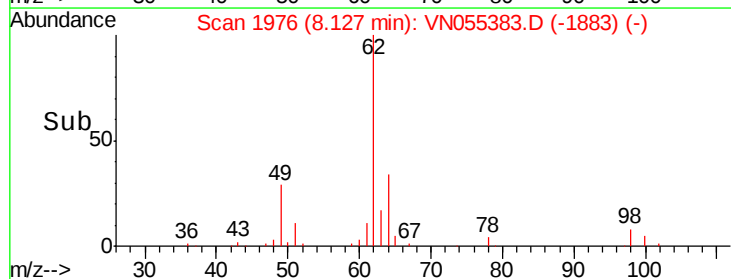
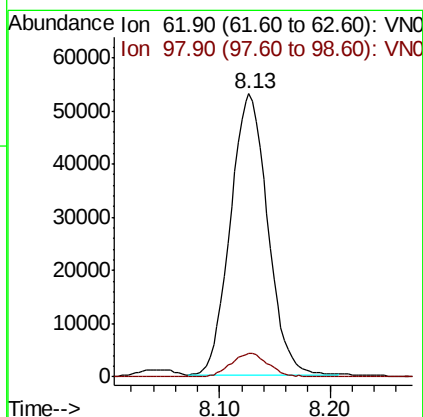
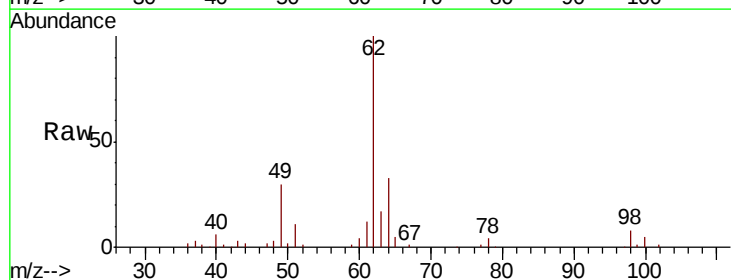
Instrument :
MSVOA_N
ClientSampled :
VN0503WBS01

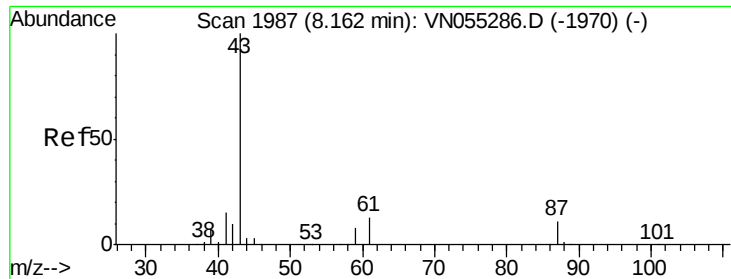
Tot Ion:	41	Resp:	48466
Ion	Ratio	Lower	Upper
41	100		
39	58.1	48.5	72.7
67	72.3	54.9	82.3
52	31.4	24.9	37.3



#42
1,2-Dichloroethane
Concen: 19.015 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

Tgt Ion:	62	Resp:	123341
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.4





#43

Isopropyl Acetate

Concen: 20.096 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0503WBS01

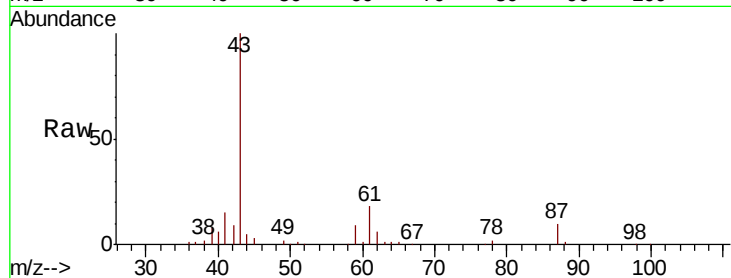
Tot Ion: 43 Resp: 153771

Ion Ratio Lower Upper

43 100

61 16.7 20.8 31.2#

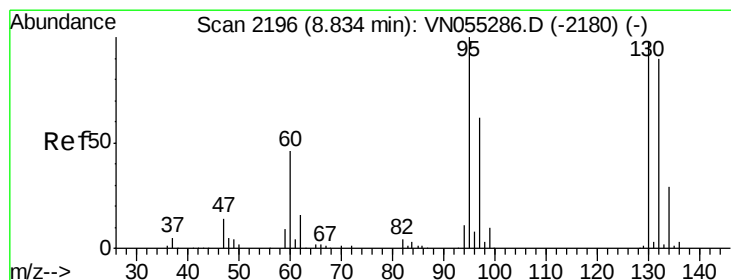
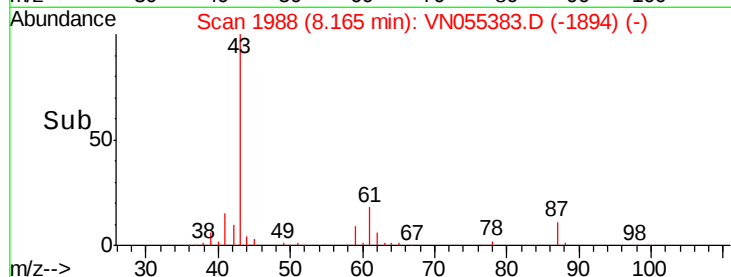
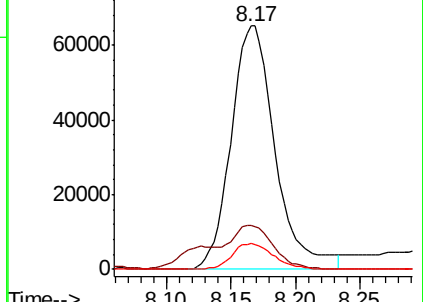
87 10.2 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055286.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055286.D (-1970) (-)



#44

Trichloroethene

Concen: 19.170 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055383.D

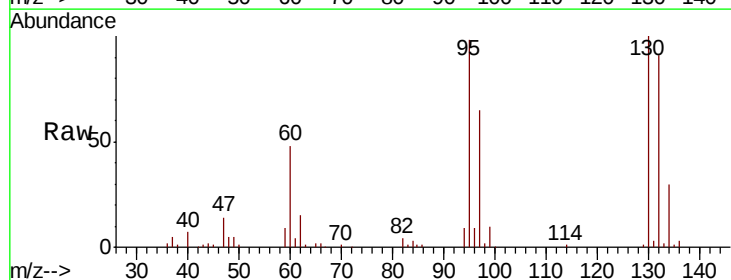
Acq: 3 May 2019 12:27

Tgt Ion:130 Resp: 89497

Ion Ratio Lower Upper

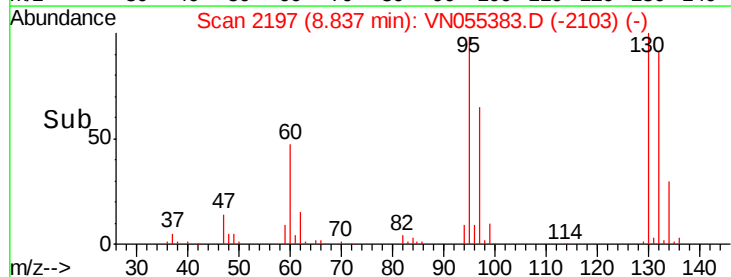
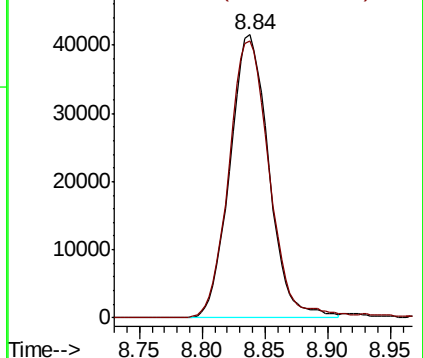
130 100

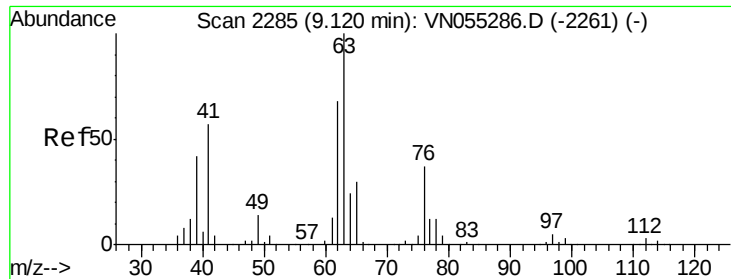
95 97.8 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN055286.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN055286.D (-2180) (-)

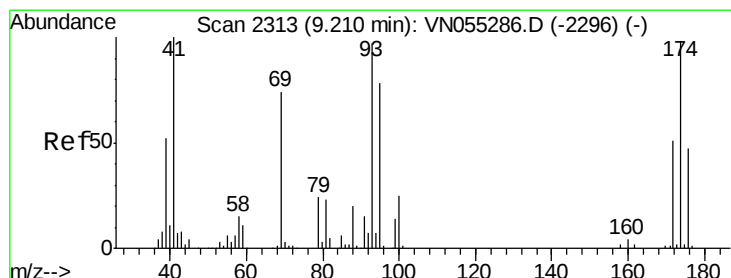
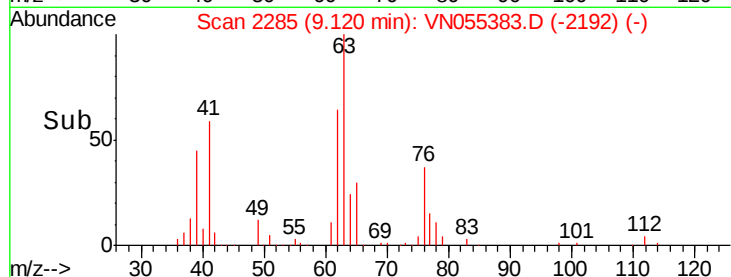
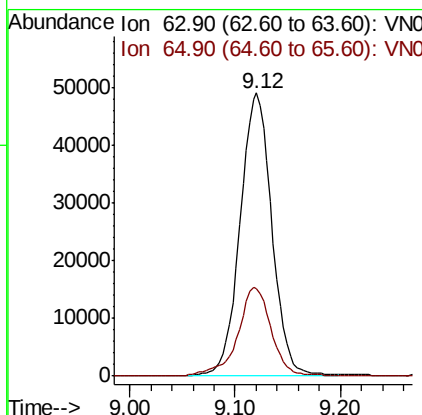
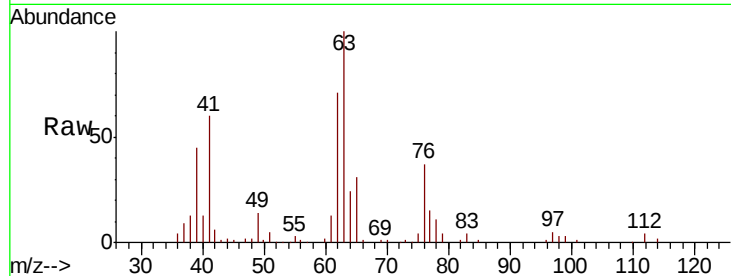




#45
 1,2-Dichloropropane
 Concen: 19.532 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055383.D
 Acq: 3 May 2019 12:27

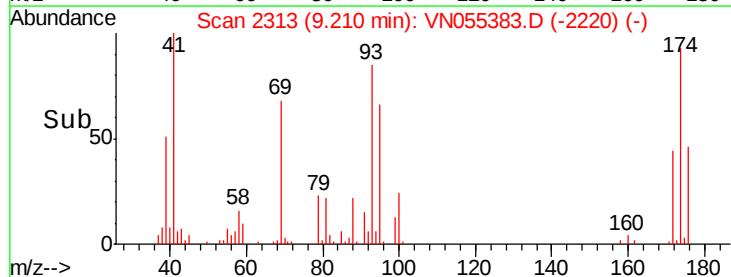
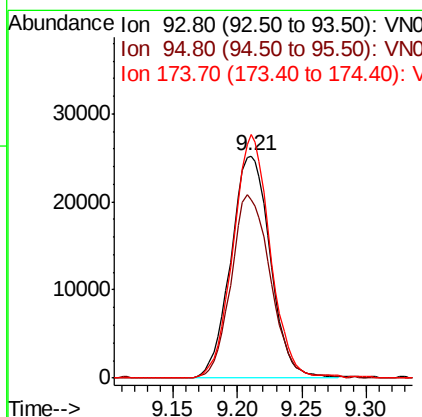
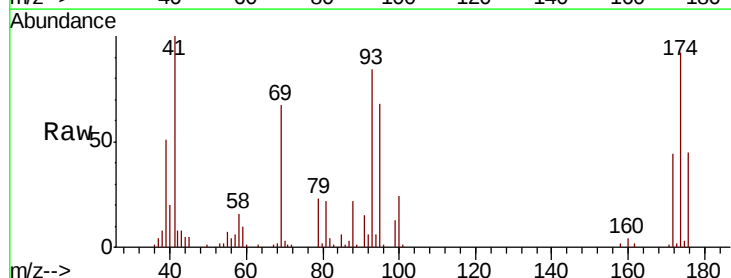
Instrument :
 MSVOA_N
 ClientSampled :
 VN0503WBS01

Tot Ion: 63 Resp: 103167
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.9 35.9



#46
 Dibromomethane
 Concen: 18.578 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN055383.D
 Acq: 3 May 2019 12:27

Tgt Ion: 93 Resp: 53639
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.7 98.5
 174 102.8 81.5 122.3

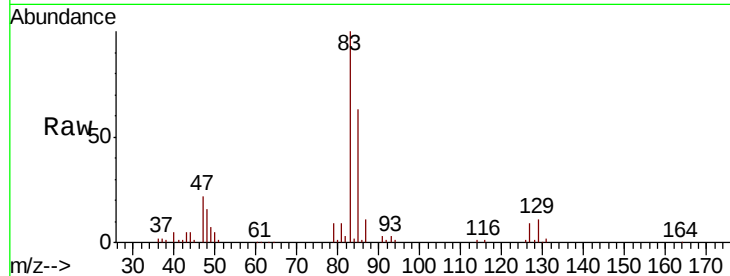




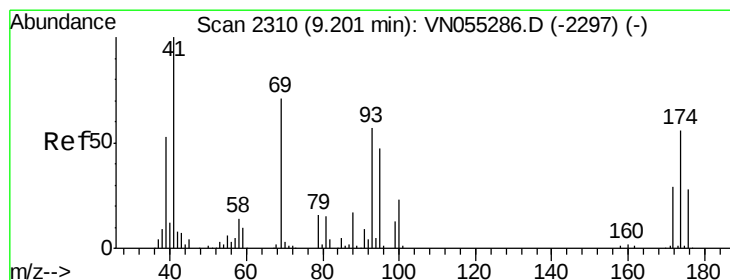
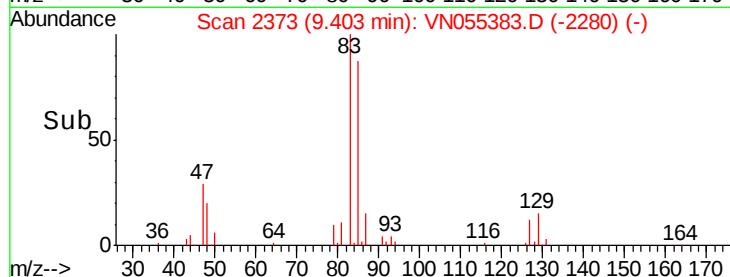
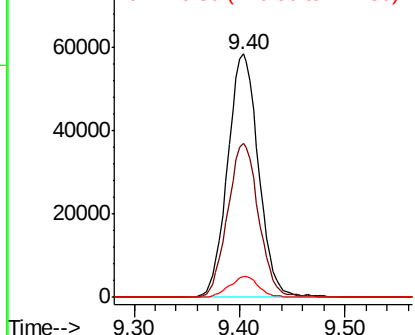
#47
Bromodichloromethane
Concen: 19.145 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

Instrument :
MSVOA_N
ClientSampleId :
VN0503WBS01

Tot Ion: 83 Resp: 118579
Ion Ratio Lower Upper
83 100
85 63.4 50.1 75.1
127 8.8 6.7 10.1

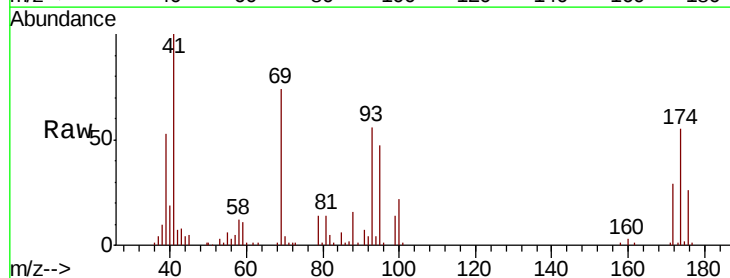


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

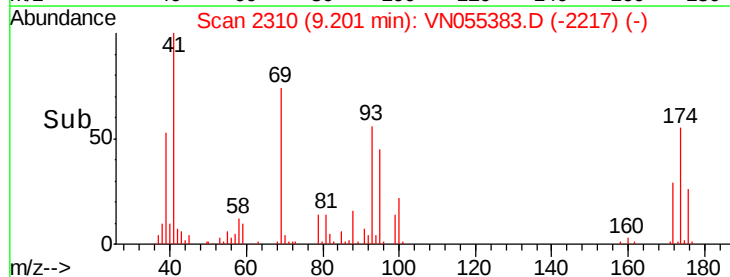
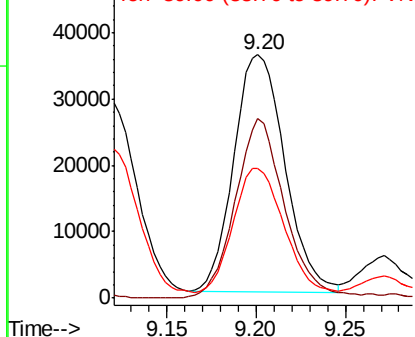


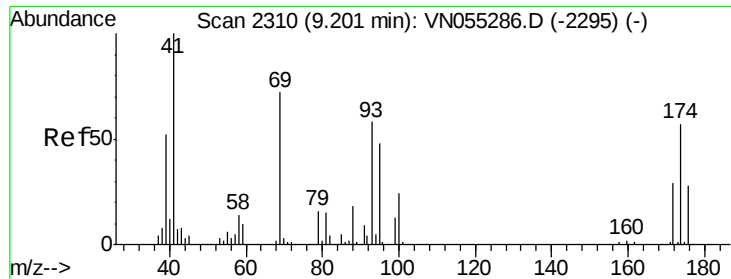
#48
Methyl methacrylate
Concen: 19.025 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

Tgt Ion: 41 Resp: 71565
Ion Ratio Lower Upper
41 100
69 73.3 58.6 87.8
39 55.5 43.8 65.6



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 381.359 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.01 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0503WBS01

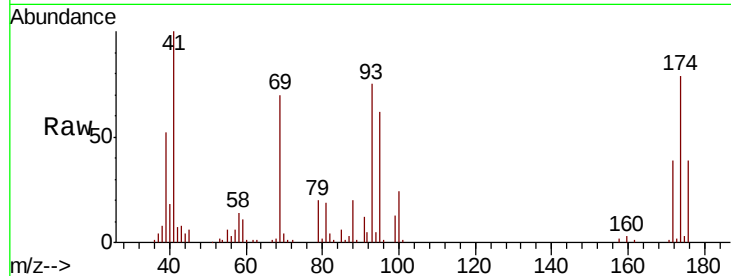
Tot Ion: 88 Resp: 14829

Ion Ratio Lower Upper

88 100

43 38.8 33.3 49.9

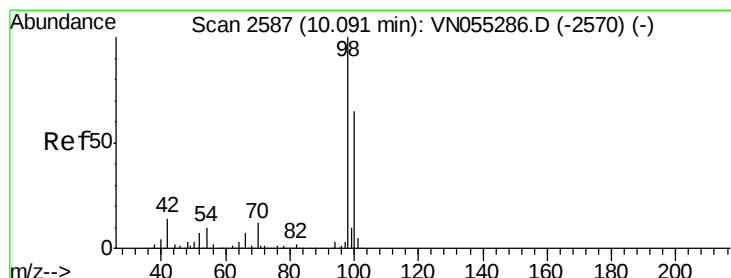
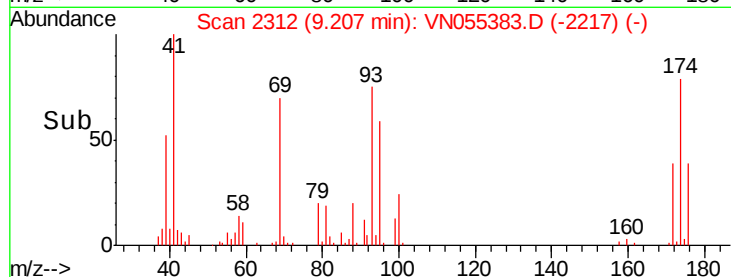
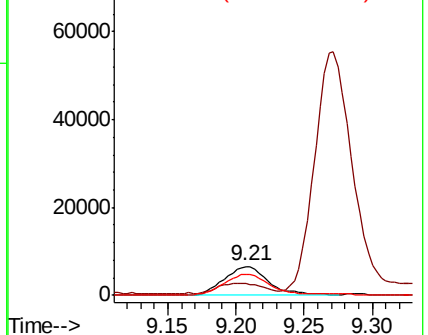
58 74.5 62.7 94.1



Abundance Ion 88.00 (87.70 to 88.70): VN055286.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN055286.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN055286.D (-2295) (-)



#50

Toluene-d8

Concen: 48.571 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055383.D

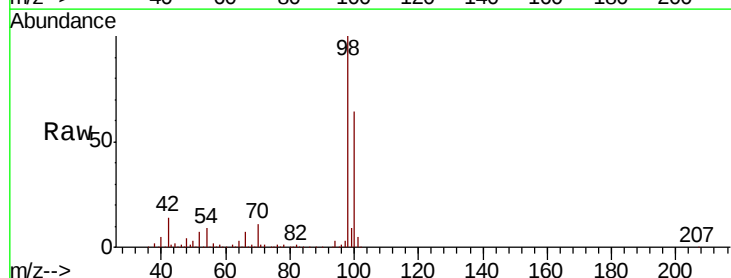
Acq: 3 May 2019 12:27

Tgt Ion: 98 Resp: 746619

Ion Ratio Lower Upper

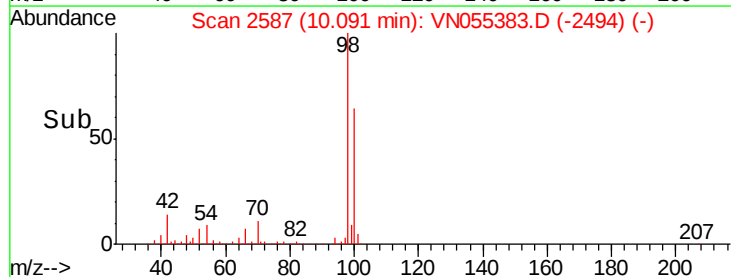
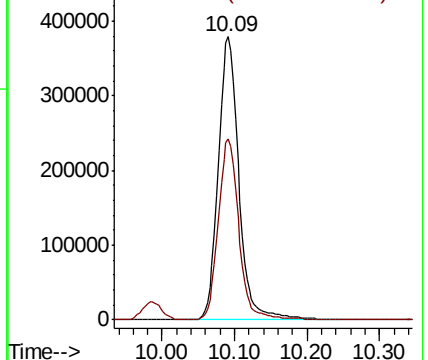
98 100

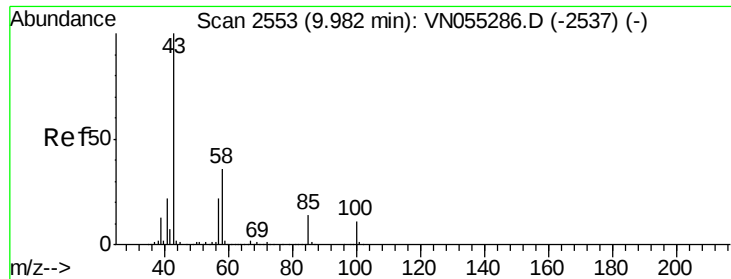
100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055286.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055286.D (-2570) (-)

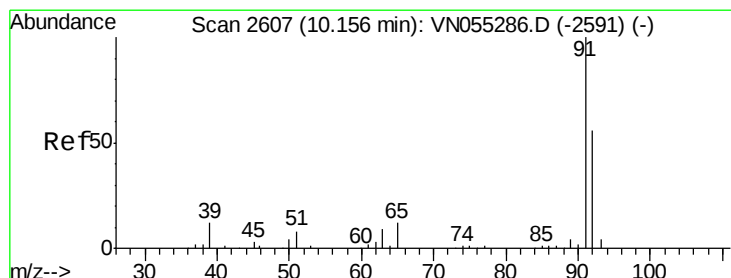
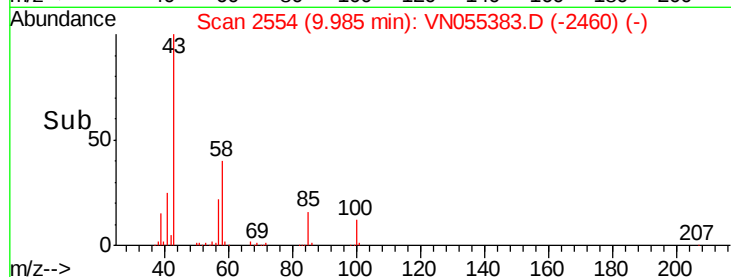
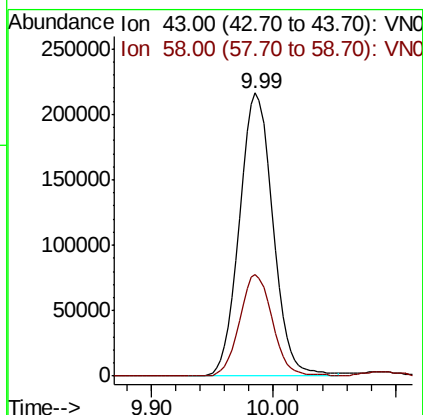
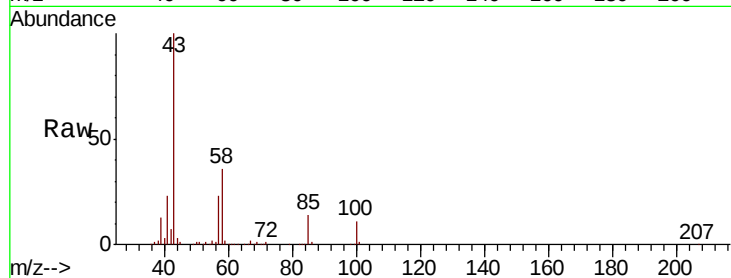




#51
4-Methyl-2-Pentanone
Concen: 94.895 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

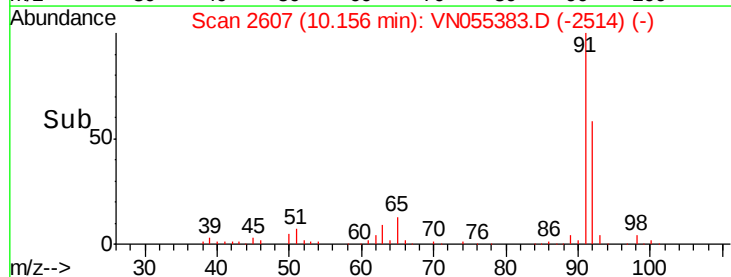
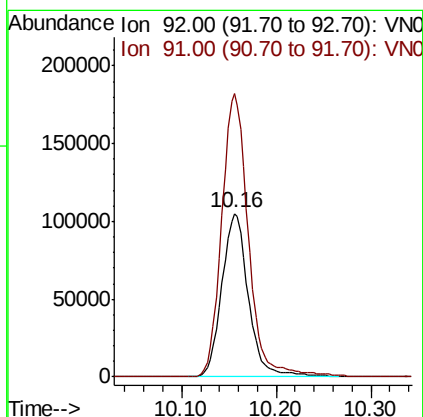
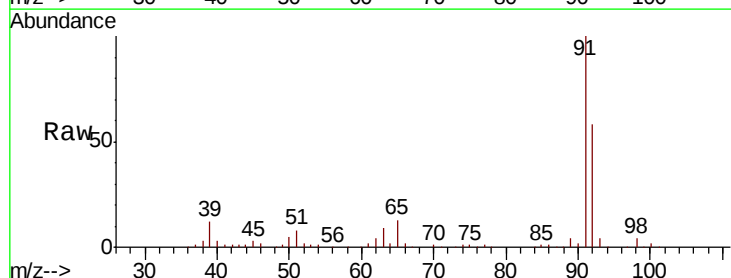
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBS01

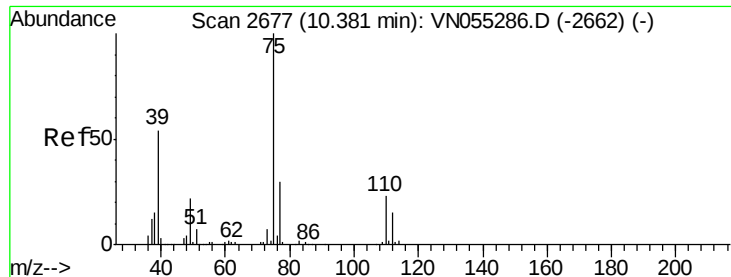
Tot Ion: 43 Resp: 408810
Ion Ratio Lower Upper
43 100
58 35.4 28.5 42.7



#52
Toluene
Concen: 19.599 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

Tgt Ion: 92 Resp: 205946
Ion Ratio Lower Upper
92 100
91 174.1 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 18.692 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

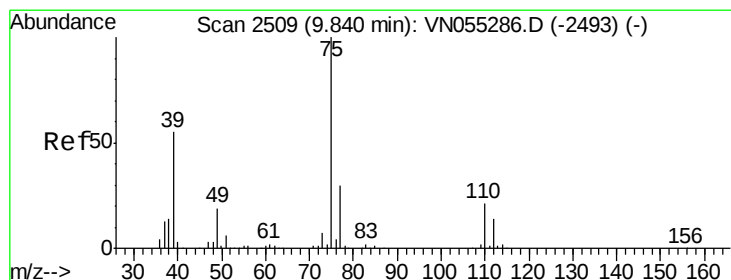
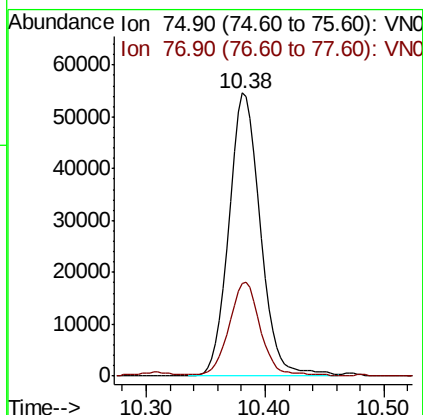
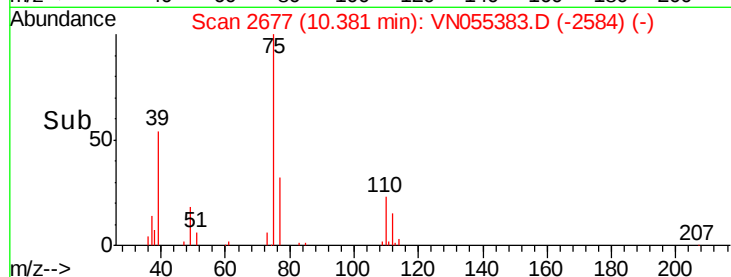
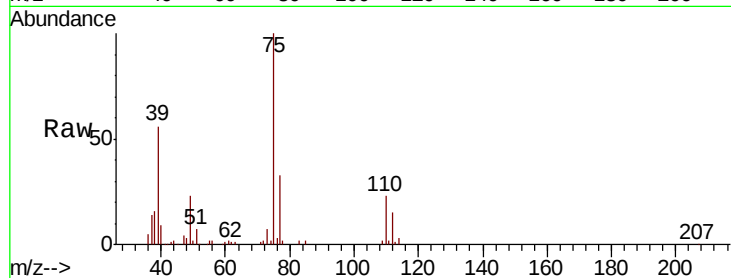
VN0503WBS01

Tot Ion: 75 Resp: 100506

Ion Ratio Lower Upper

75 100

77 32.3 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 19.124 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

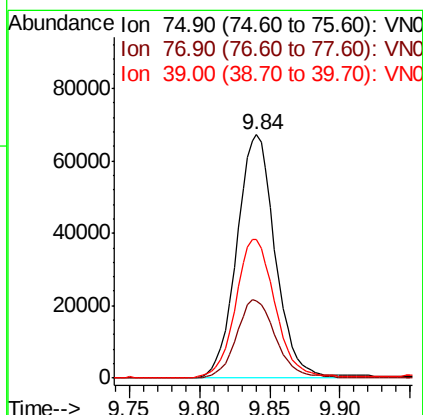
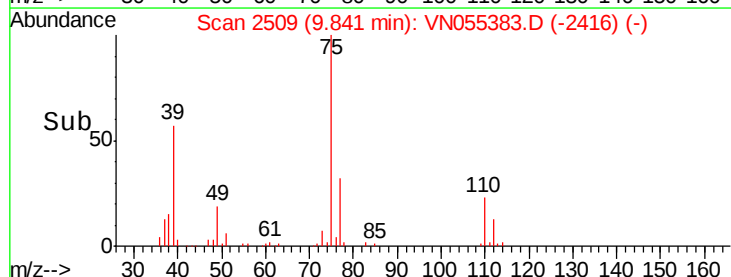
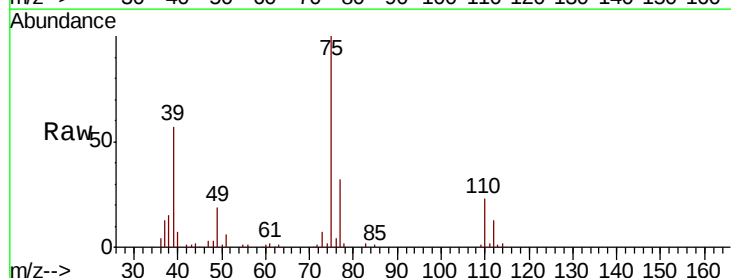
Tgt Ion: 75 Resp: 128209

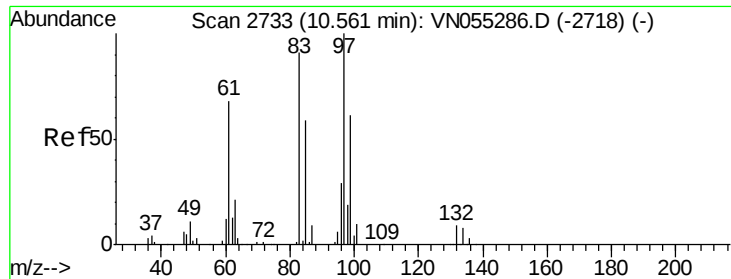
Ion Ratio Lower Upper

75 100

77 31.9 24.2 36.2

39 56.7 44.2 66.2



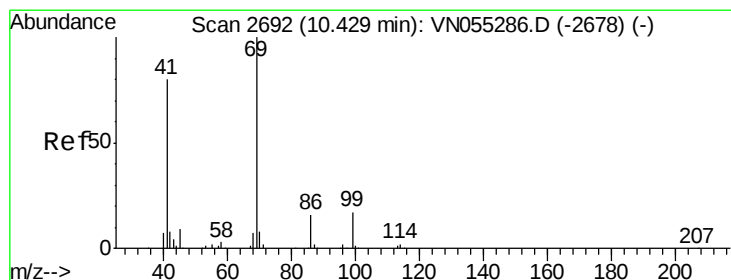
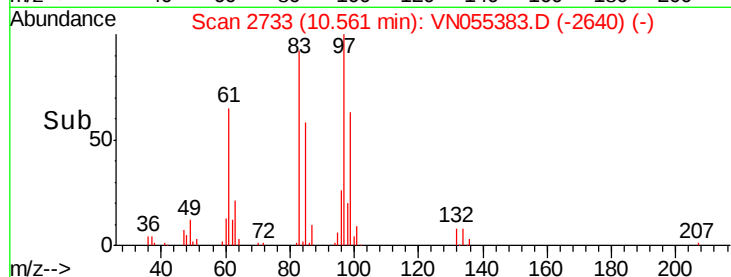
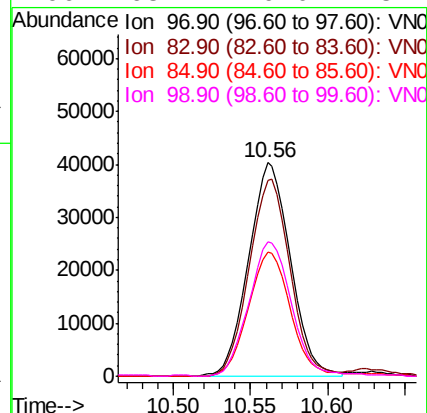
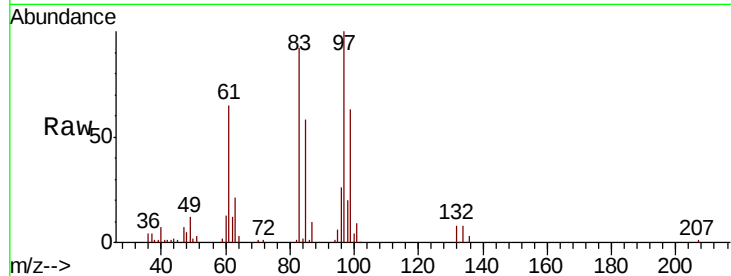


#55
 1,1,2-Trichloroethane
 Concen: 19.431 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055383.D
 Acq: 3 May 2019 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503WBS01

Tot Ion: 97 Resp: 75819

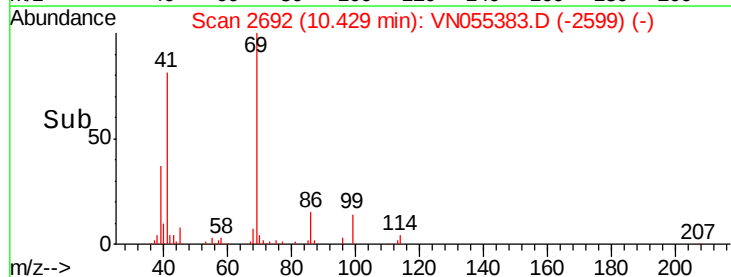
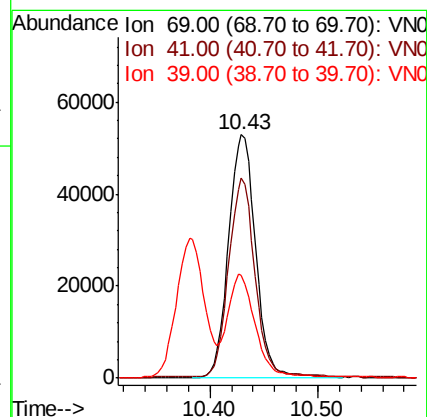
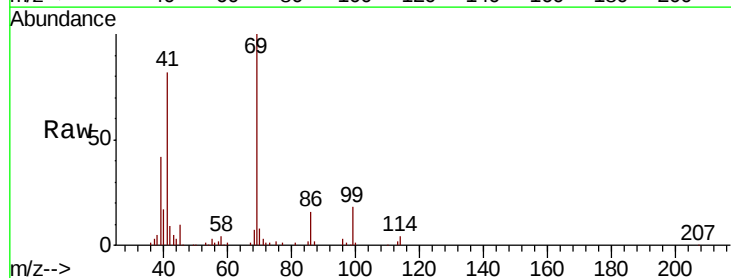
Ion	Ratio	Lower	Upper
97	100		
83	91.7	72.8	109.2
85	58.4	47.0	70.6
99	63.1	49.0	73.4

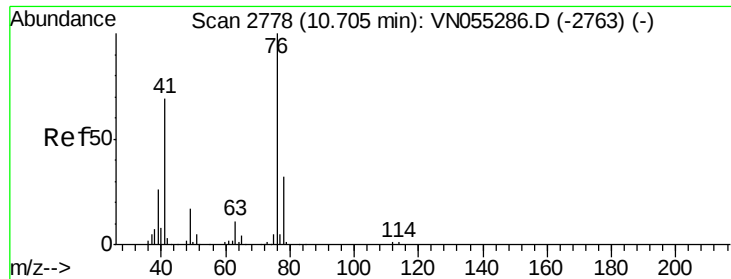


#56
 Ethyl methacrylate
 Concen: 19.412 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055383.D
 Acq: 3 May 2019 12:27

Tgt Ion: 69 Resp: 93232

Ion	Ratio	Lower	Upper
69	100		
41	78.8	62.7	94.1
39	41.0	32.0	48.0

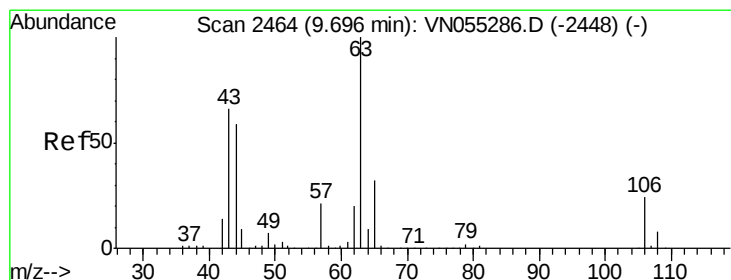
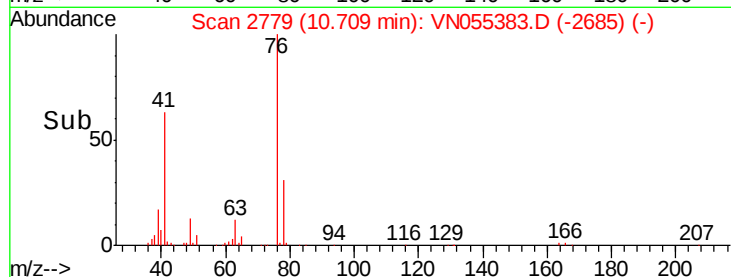
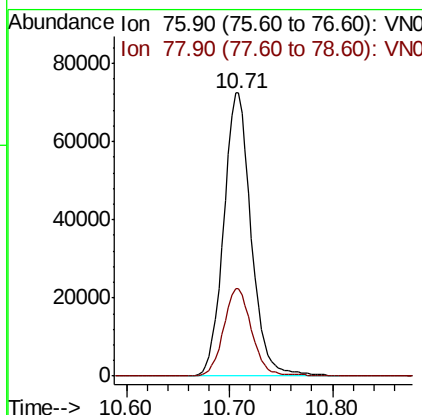
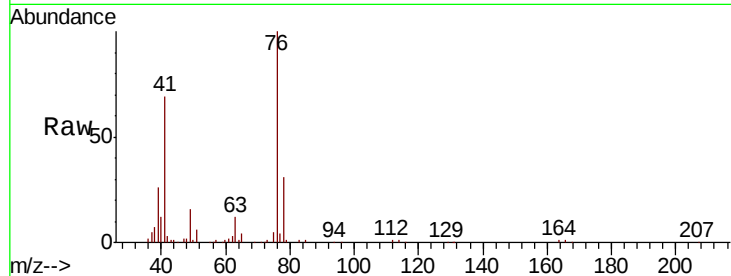




#57
 1,3-Dichloropropane
 Concen: 19.681 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN055383.D
 Acq: 3 May 2019 12:27

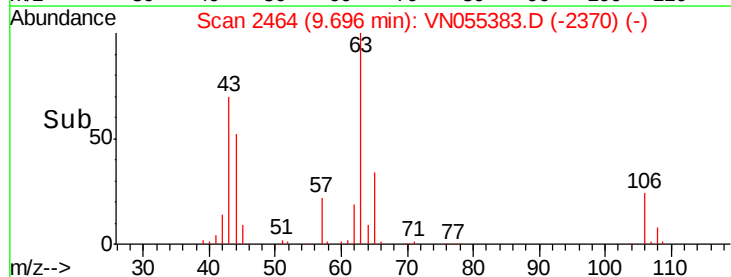
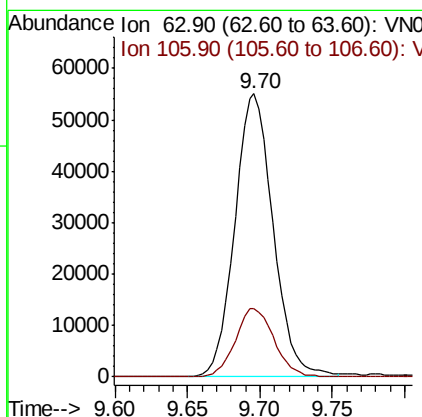
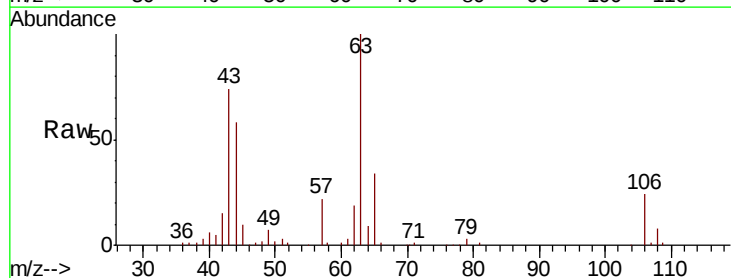
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503WBS01

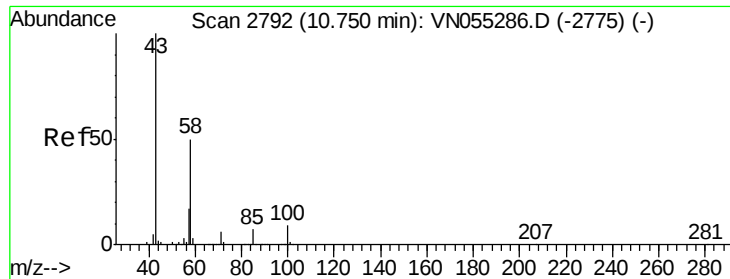
Tot Ion: 76 Resp: 134719
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 76.833 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055383.D
 Acq: 3 May 2019 12:27

Tgt Ion: 63 Resp: 101046
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.0 28.4

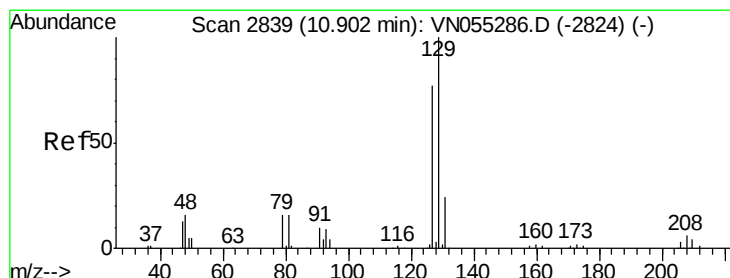
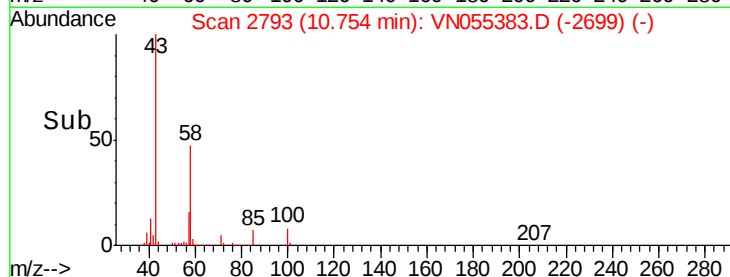
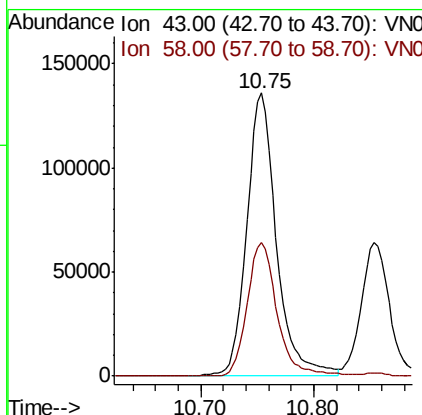
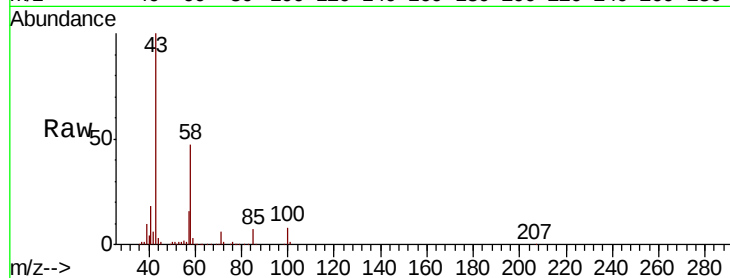




#59
2-Hexanone
Concen: 91.356 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

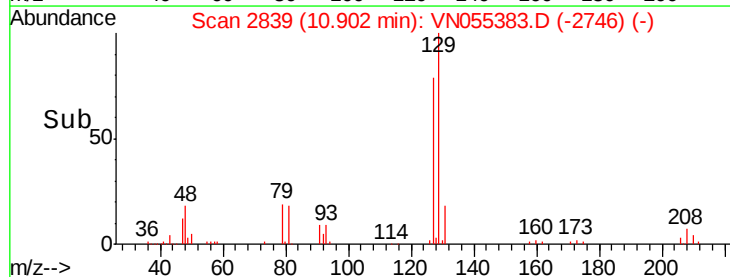
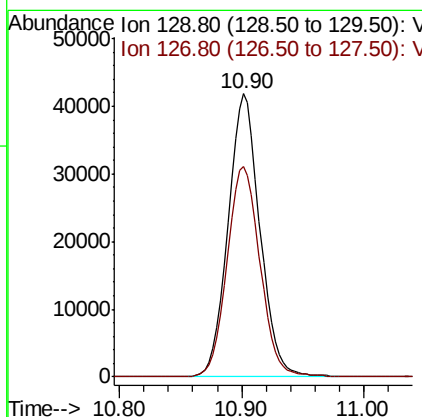
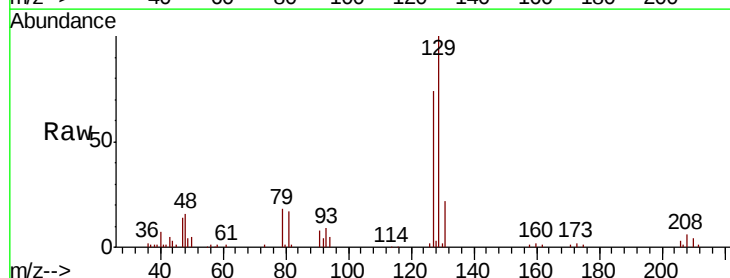
Instrument :
MSVOA_N
ClientSampled :
VN0503WBS01

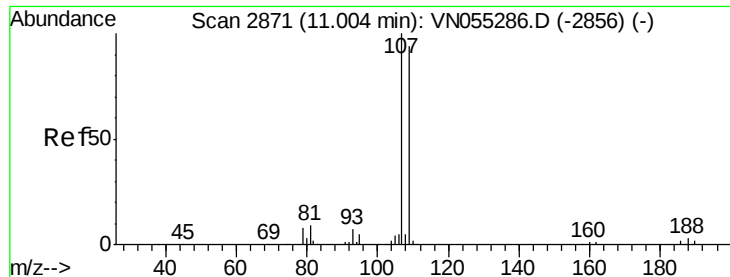
Tot Ion: 43 Resp: 246246
Ion Ratio Lower Upper
43 100
58 48.2 24.9 74.6



#60
Dibromochloromethane
Concen: 19.047 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

Tgt Ion: 129 Resp: 75958
Ion Ratio Lower Upper
129 100
127 77.1 38.1 114.5





#61

1,2-Dibromoethane

Concen: 19.158 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

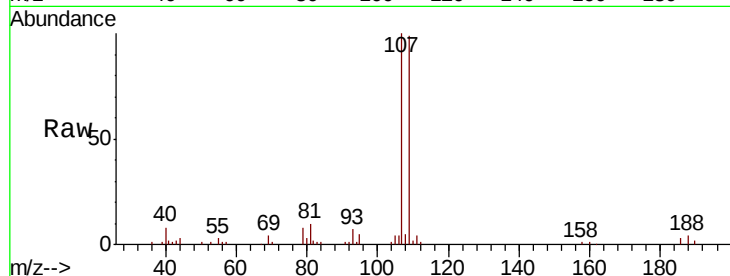
VN0503WBS01

Tot Ion:107 Resp: 69096

Ion Ratio Lower Upper

107 100

109 94.0 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.01

40000

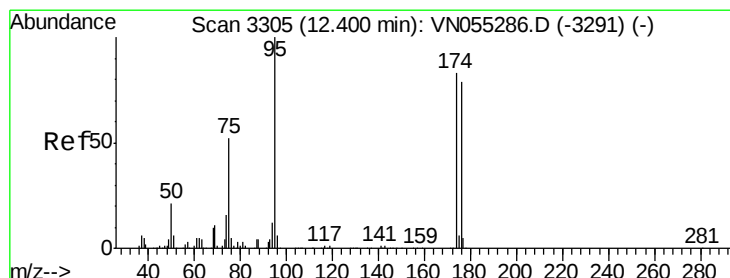
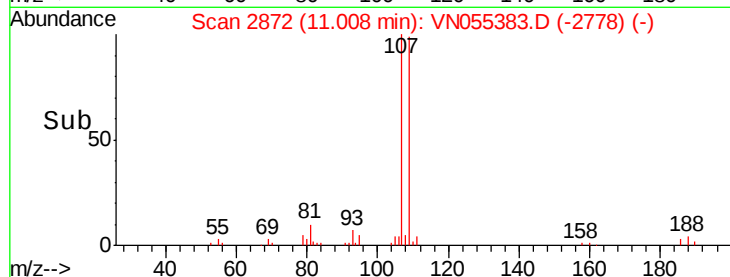
30000

20000

10000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 49.473 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

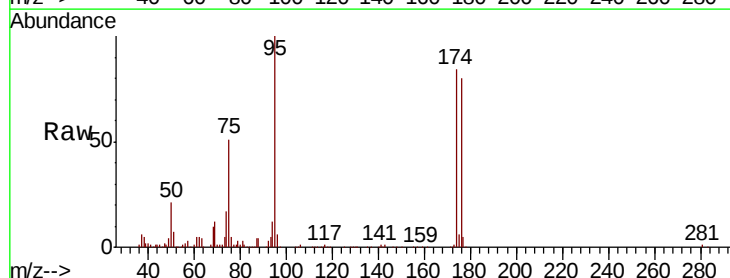
Tgt Ion: 95 Resp: 237680

Ion Ratio Lower Upper

95 100

174 84.7 0.0 166.6

176 82.2 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

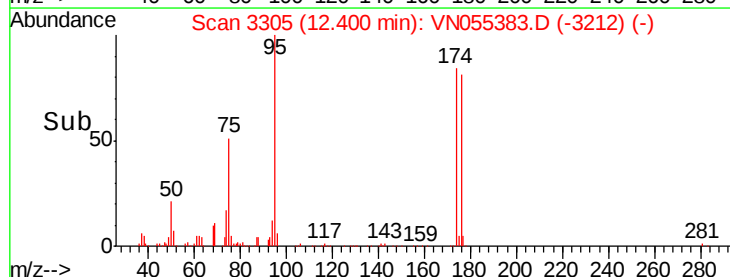
150000

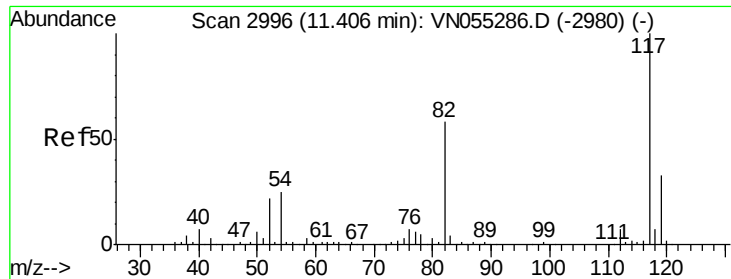
100000

50000

0

Time--> 12.35 12.40 12.45

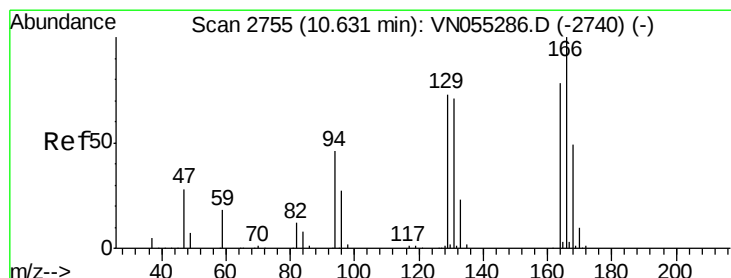
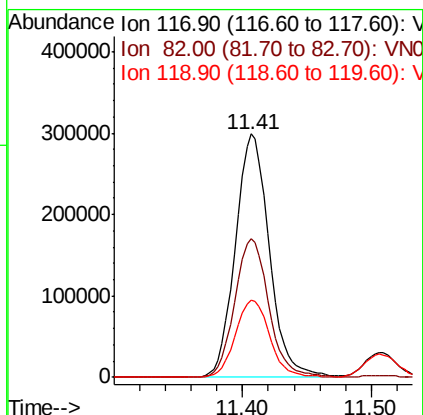
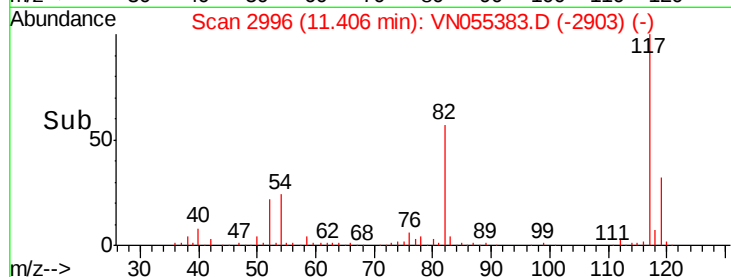
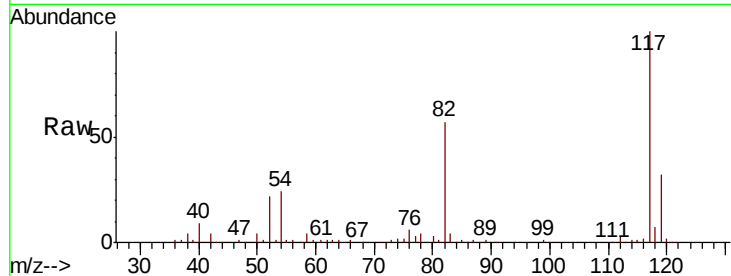




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

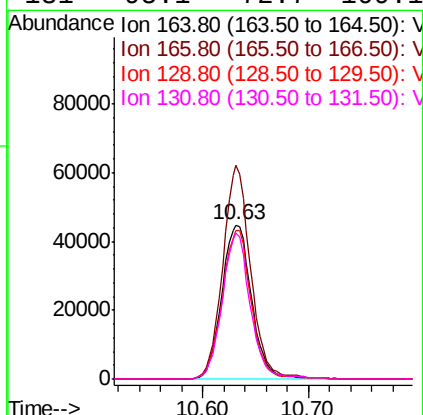
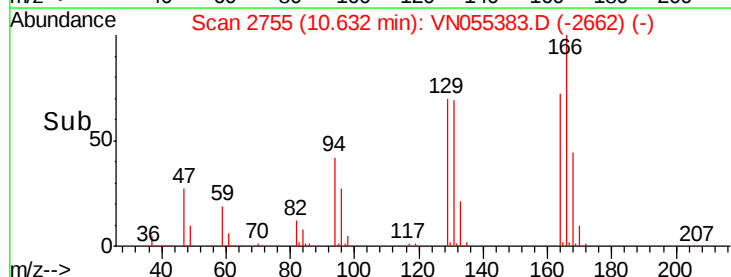
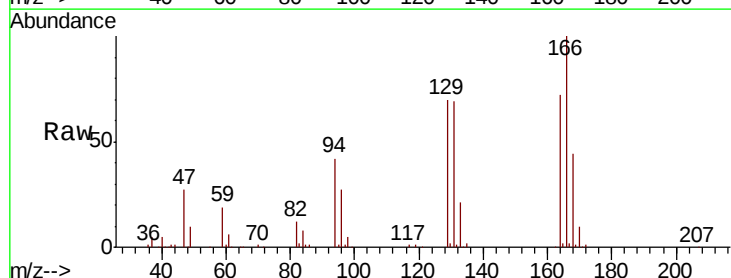
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBS01

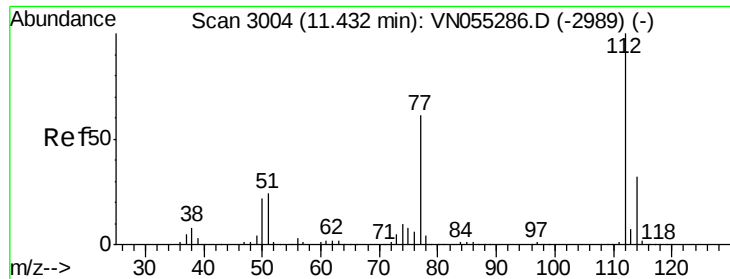
Tot Ion:117 Resp: 547364
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.4
119 31.8 26.6 40.0



#64
Tetrachloroethene
Concen: 19.520 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

Tgt Ion:164 Resp: 87376
Ion Ratio Lower Upper
164 100
166 138.8 102.3 153.5
129 96.6 75.0 112.6
131 95.1 72.7 109.1

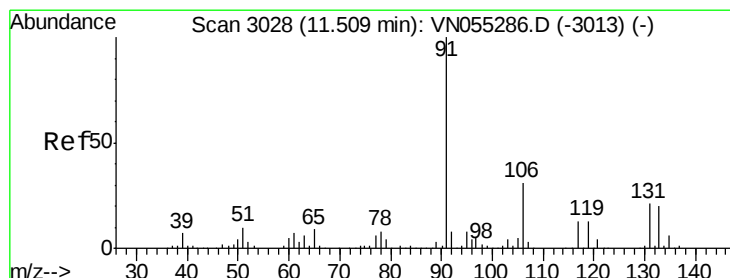
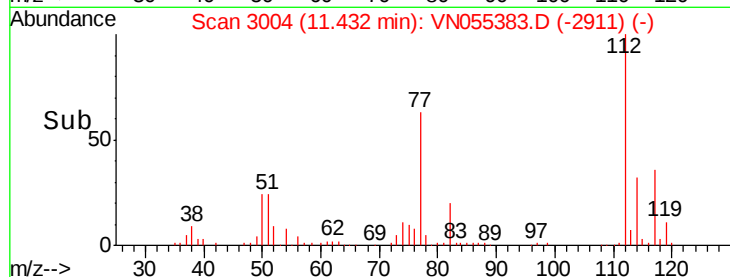
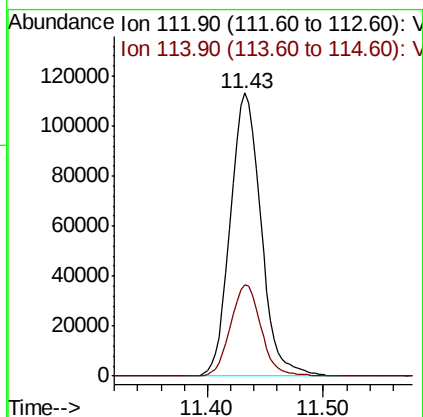
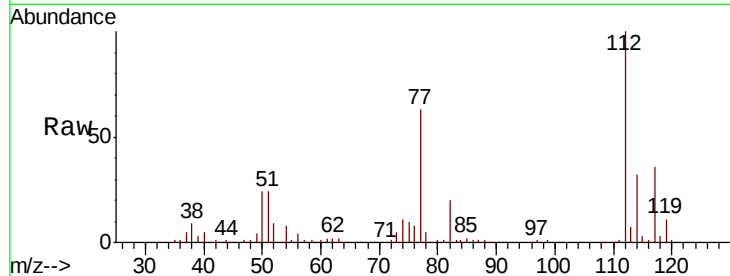




#65
Chlorobenzene
Concen: 19.345 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

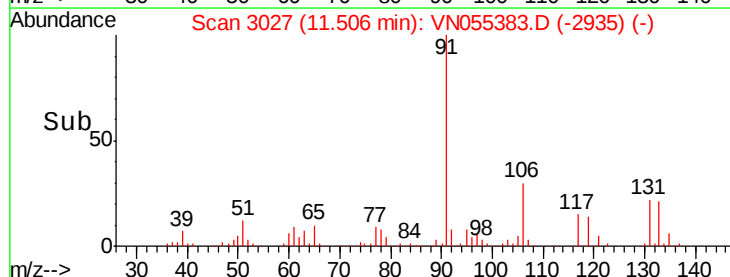
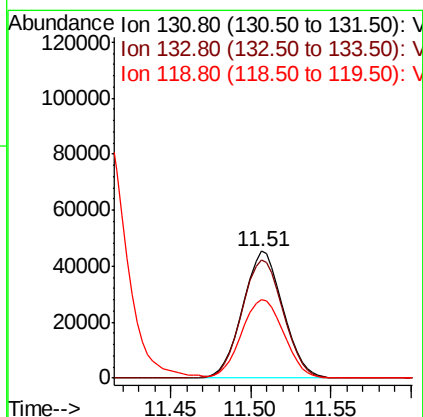
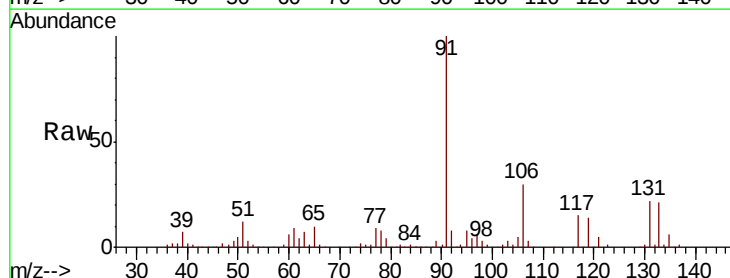
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBS01

Tot Ion:112 Resp: 207020
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 18.675 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

Tgt Ion:131 Resp: 78258
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 65.1 32.7 98.1

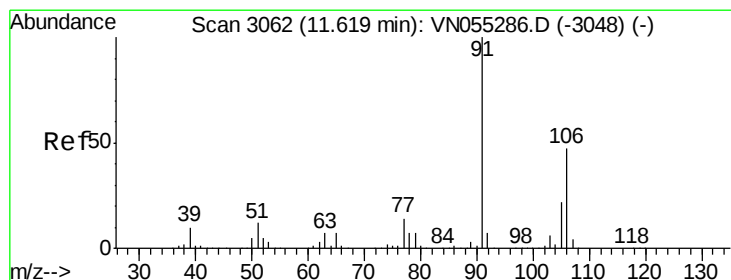
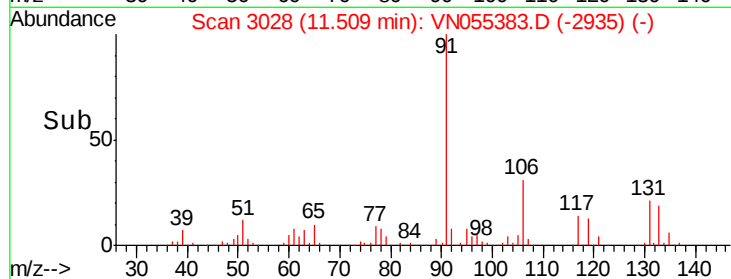
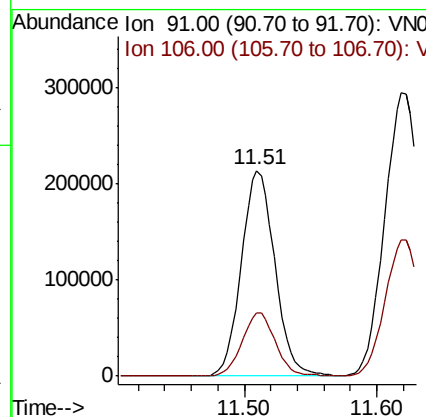
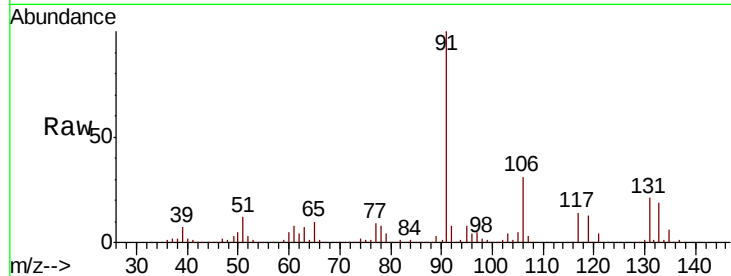




#67
Ethyl Benzene
Concen: 19.467 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

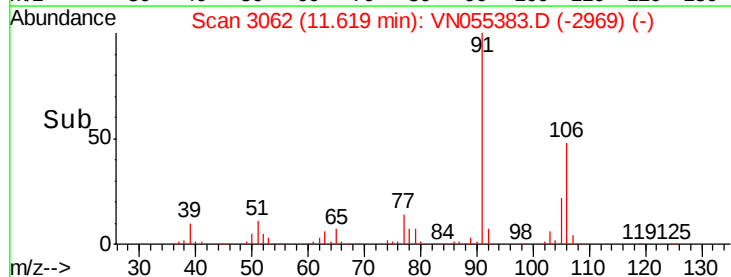
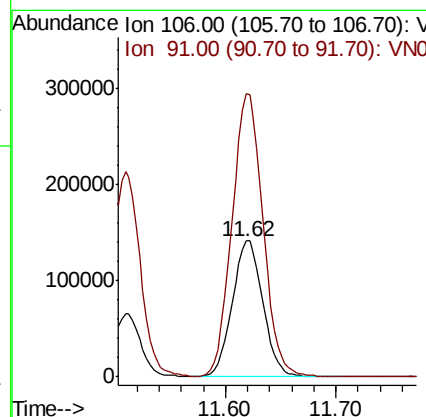
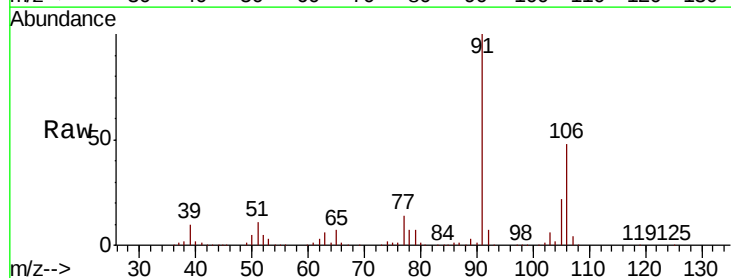
Instrument :
MSVOA_N
ClientSampled :
VN0503WBS01

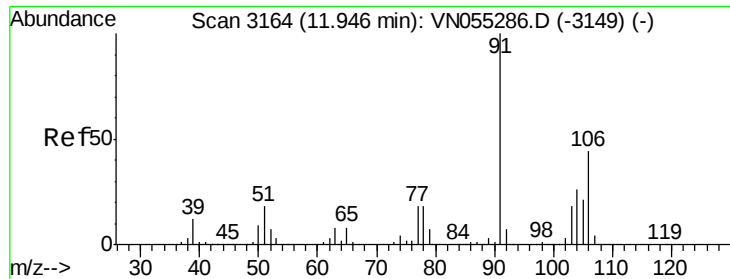
Tot Ion: 91 Resp: 376203
Ion Ratio Lower Upper
91 100
106 30.8 24.6 36.8



#68
m/p-Xylenes
Concen: 39.381 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

Tgt Ion: 106 Resp: 271651
Ion Ratio Lower Upper
106 100
91 211.4 169.5 254.3

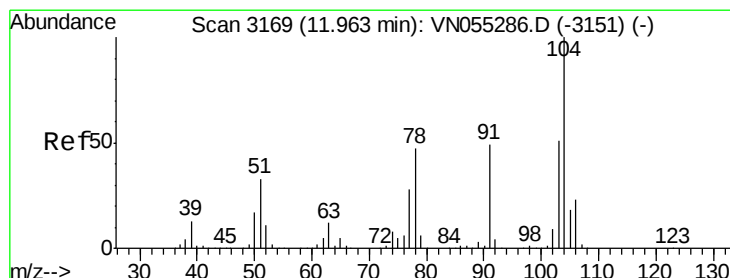
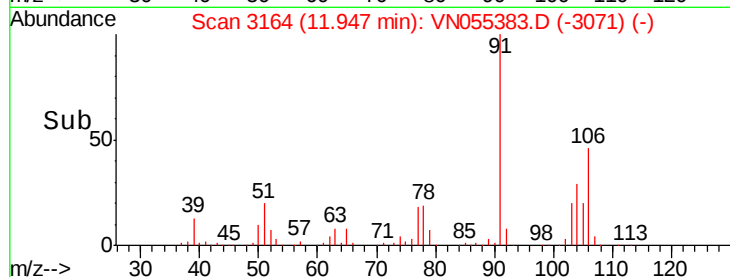
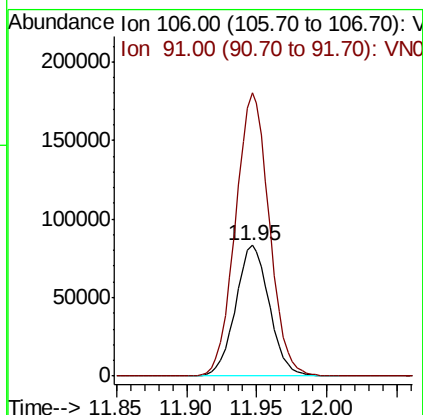
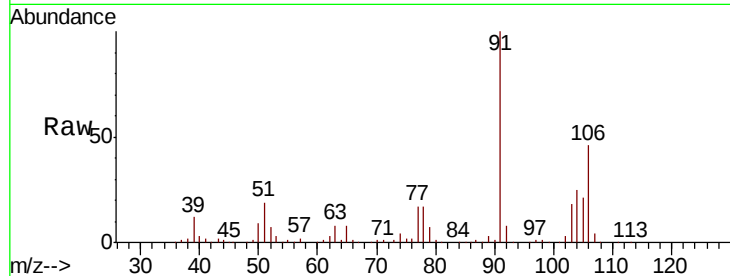




#69
o-Xylene
Concen: 20.457 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

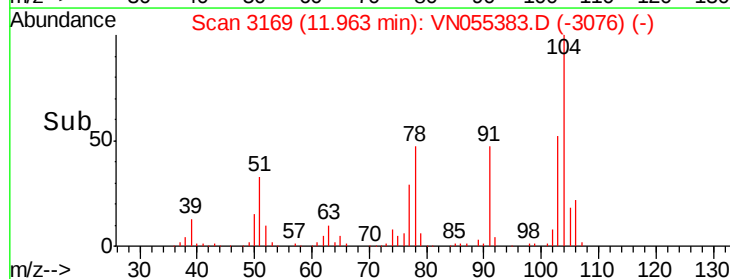
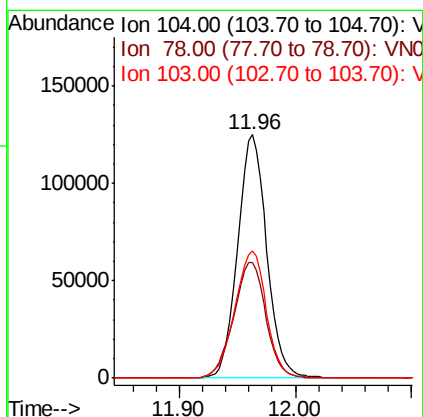
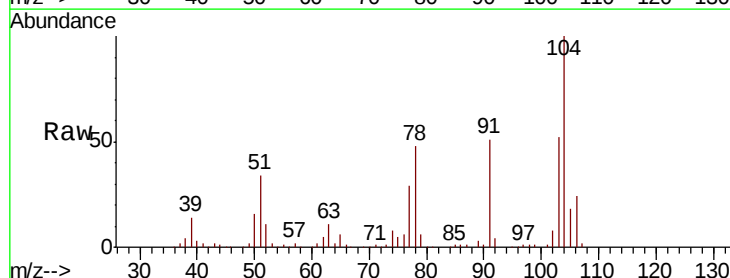
Instrument :
MSVOA_N
ClientSampled :
VN0503WBS01

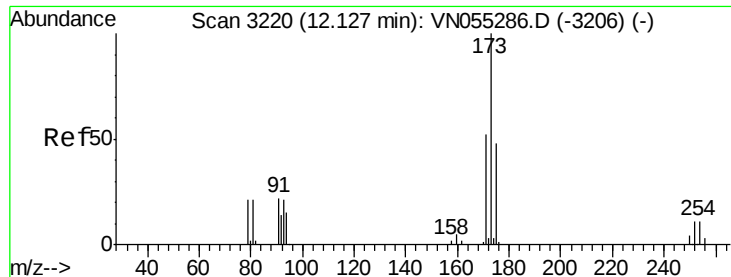
Tot Ion:106 Resp: 139867
Ion Ratio Lower Upper
106 100
91 216.7 111.5 334.5



#70
Styrene
Concen: 20.660 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

Tgt Ion:104 Resp: 216882
Ion Ratio Lower Upper
104 100
78 52.9 42.2 63.2
103 57.0 44.6 67.0





#71

Bromoform

Concen: 18.381 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0503WBS01

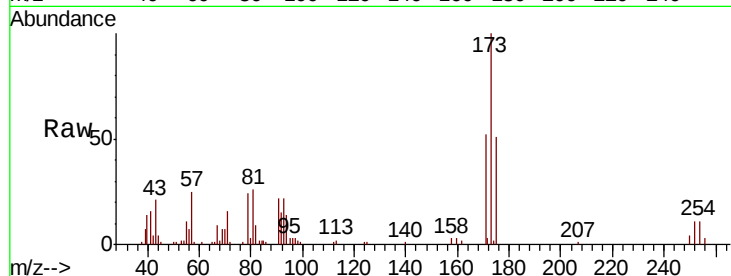
Tot Ion:173 Resp: 42741

Ion Ratio Lower Upper

173 100

175 49.4 23.6 71.0

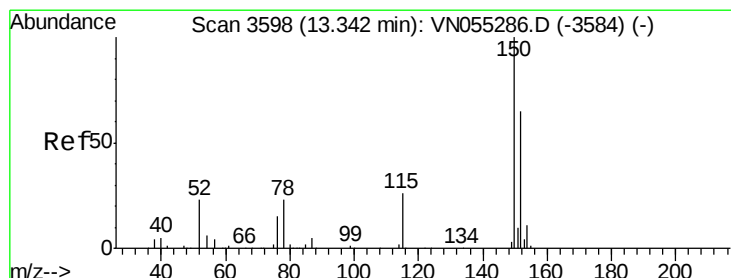
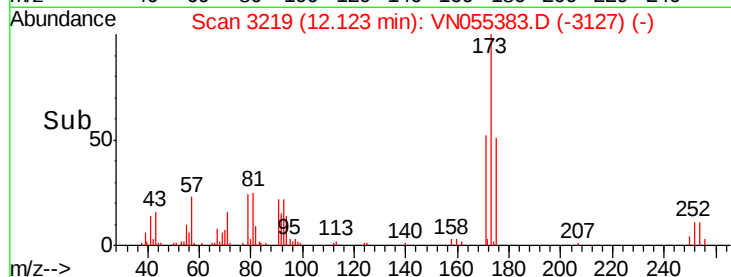
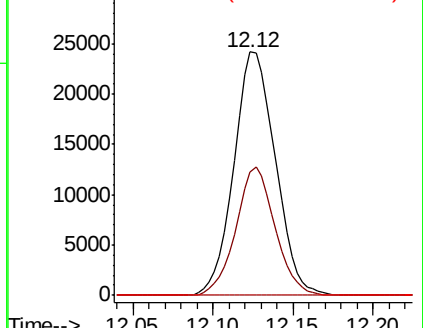
254 0.0 0.0 0.0



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: VN055383.D

Acq: 3 May 2019 12:27

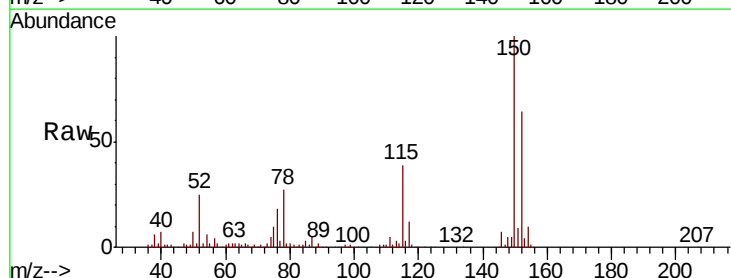
Tgt Ion:152 Resp: 198224

Ion Ratio Lower Upper

152 100

115 60.4 29.0 87.0

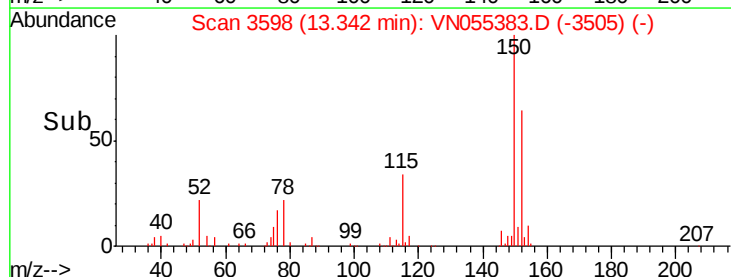
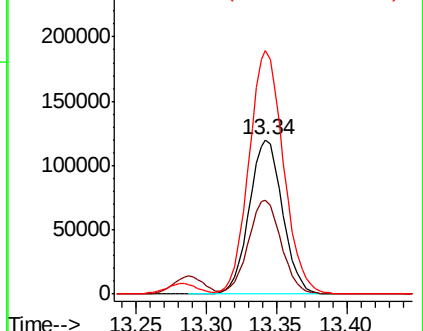
150 163.8 0.0 345.6

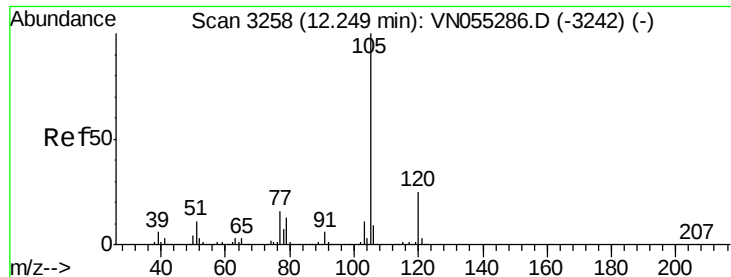


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.742 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

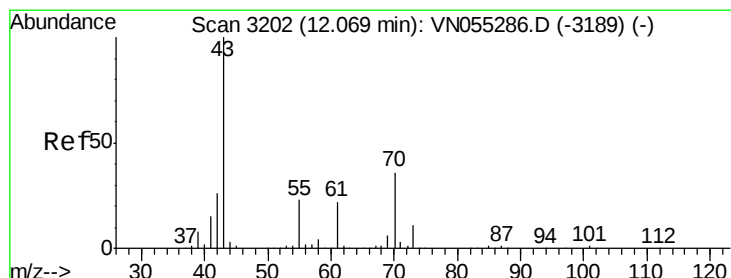
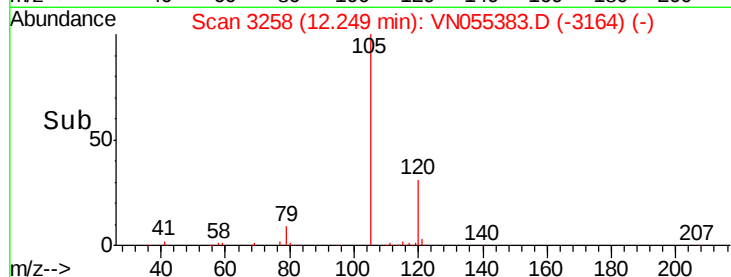
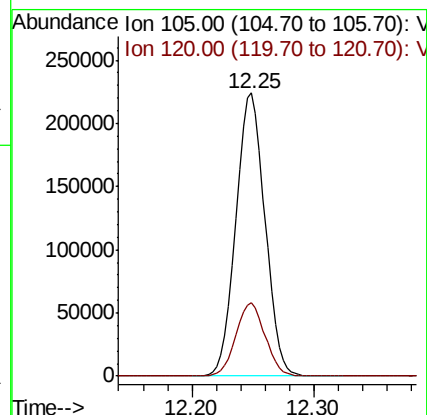
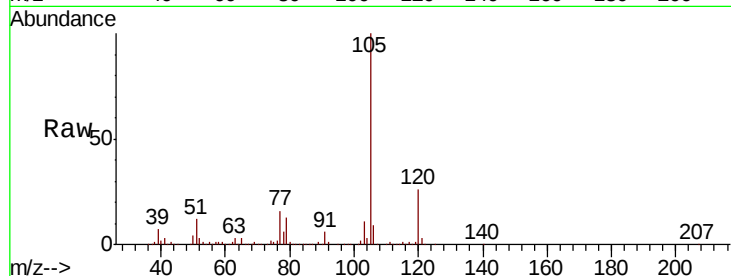
VN0503WBS01

Tot Ion:105 Resp: 371119

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.7



#74

N-ethyl acetate

Concen: 22.064 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

Tgt Ion: 43 Resp: 112242

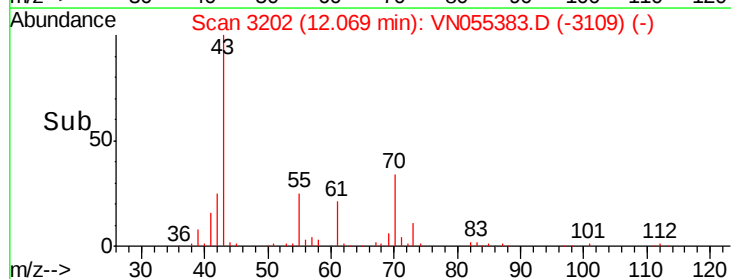
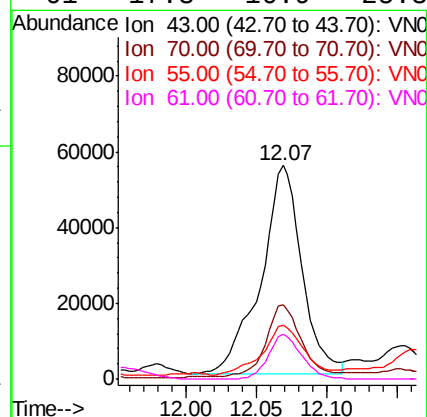
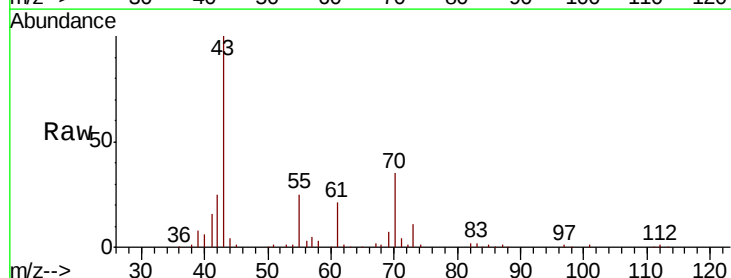
Ion Ratio Lower Upper

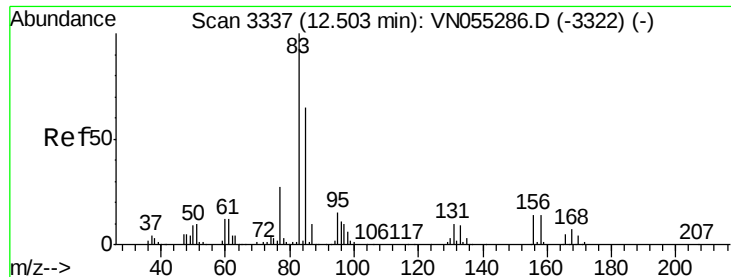
43 100

70 29.5 27.9 41.9

55 23.1 18.2 27.2

61 17.3 16.9 25.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.188 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0503WBS01

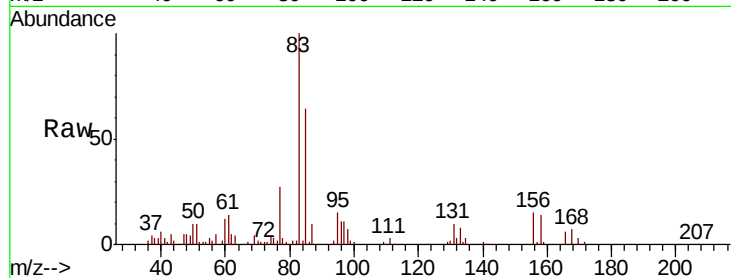
Tot Ion: 83 Resp: 90413

Ion Ratio Lower Upper

83 100

131 9.6 5.1 15.2

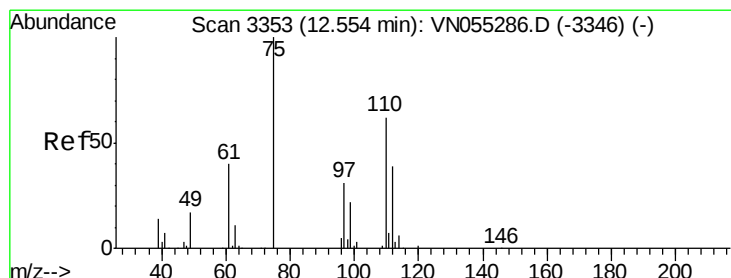
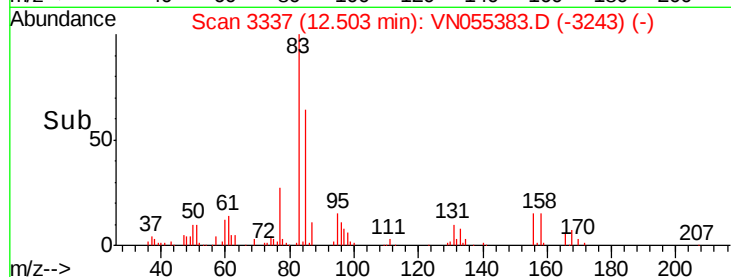
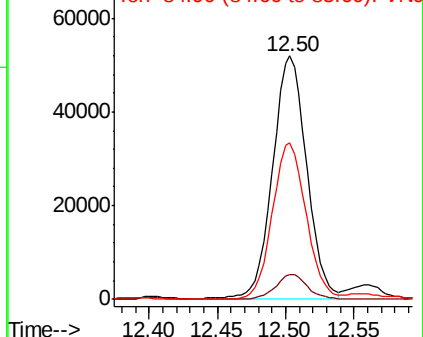
85 63.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN055383.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN055383.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN055383.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 26.498 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN055383.D

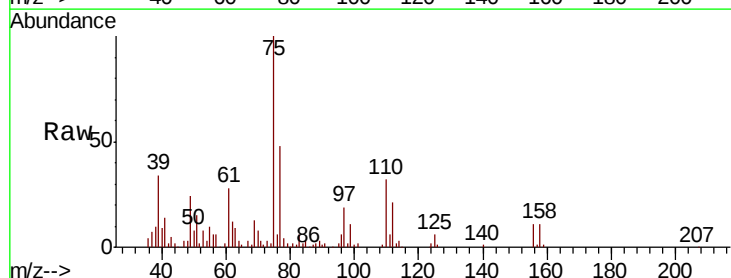
Acq: 3 May 2019 12:27

Tgt Ion: 75 Resp: 101993

Ion Ratio Lower Upper

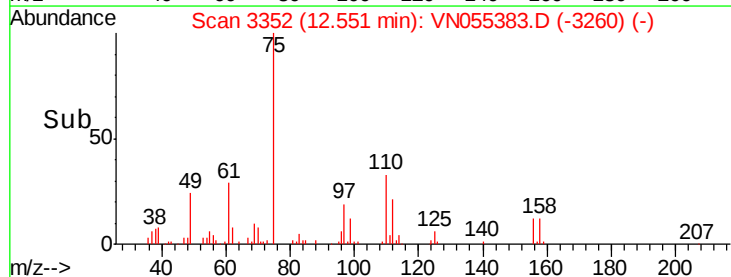
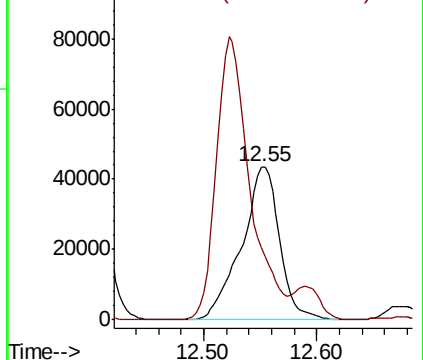
75 100

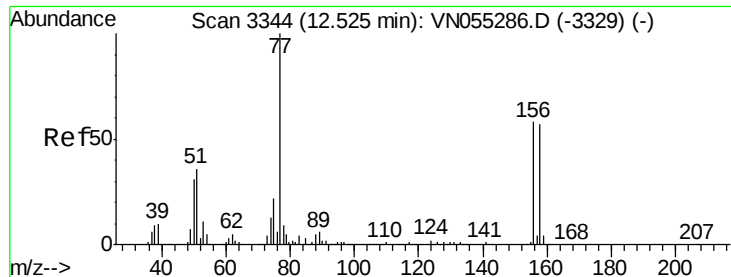
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055383.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055383.D (-3260) (-)





#77

Bromobenzene

Concen: 20.678 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

Instrument :

MSVOA_N

ClientSampled :

VN0503WBS01

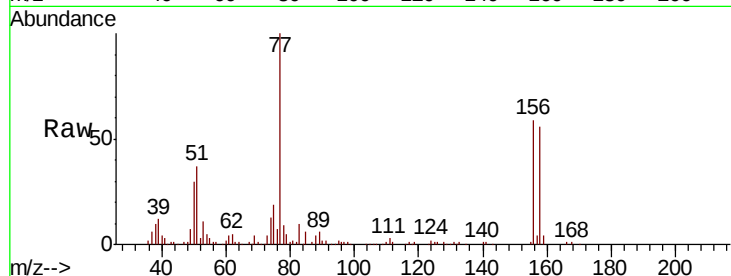
Tot Ion:156 Resp: 83083

Ion Ratio Lower Upper

156 100

77 199.0 99.6 298.8

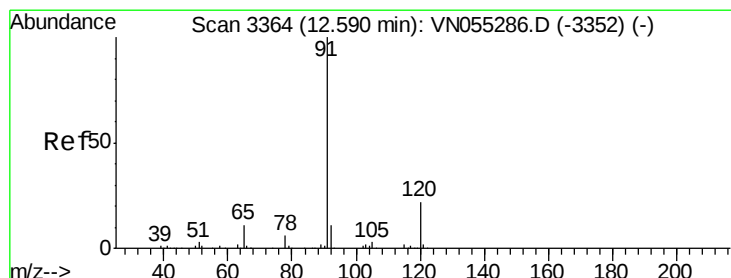
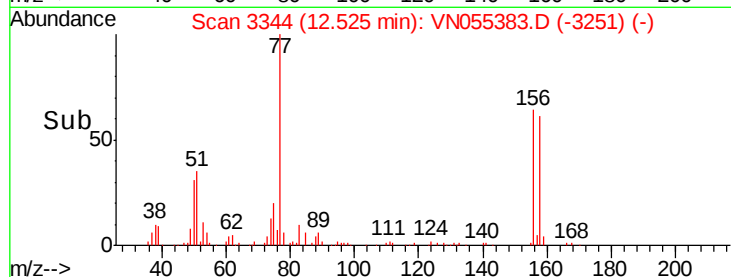
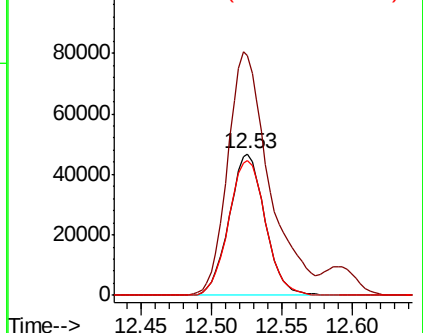
158 98.1 49.3 147.8



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: 19.756 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055383.D

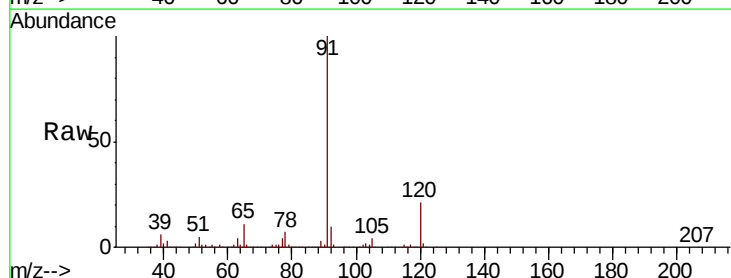
Acq: 3 May 2019 12:27

Tgt Ion: 91 Resp: 402270

Ion Ratio Lower Upper

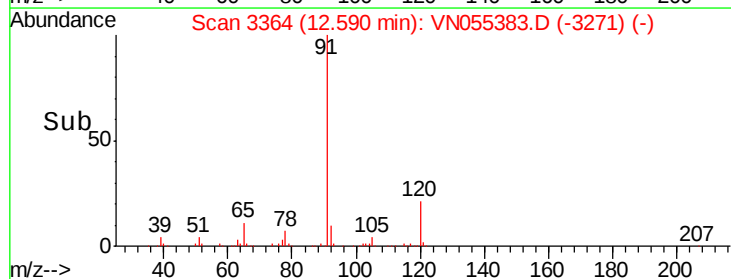
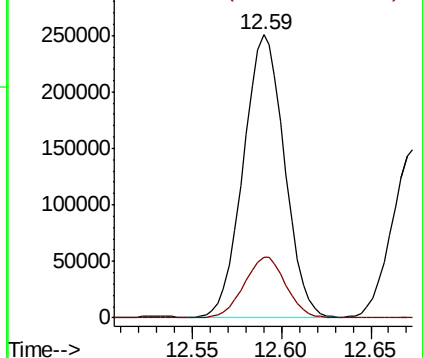
91 100

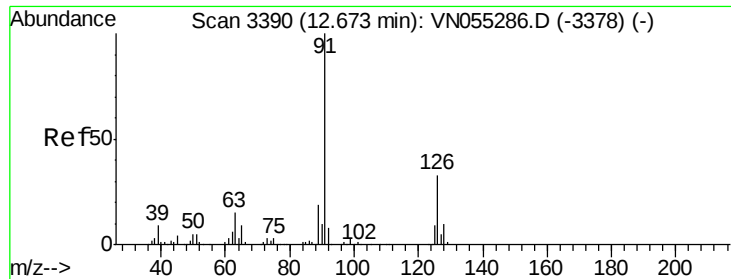
120 21.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

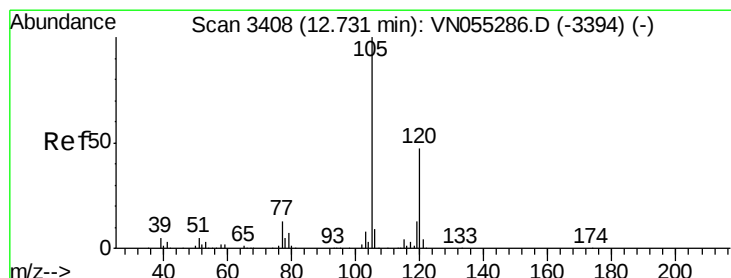
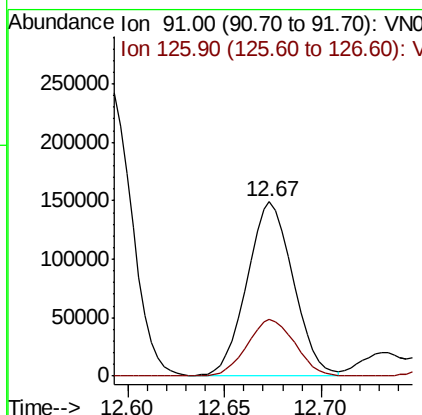
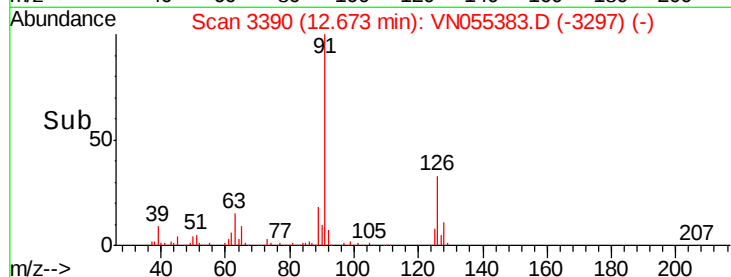
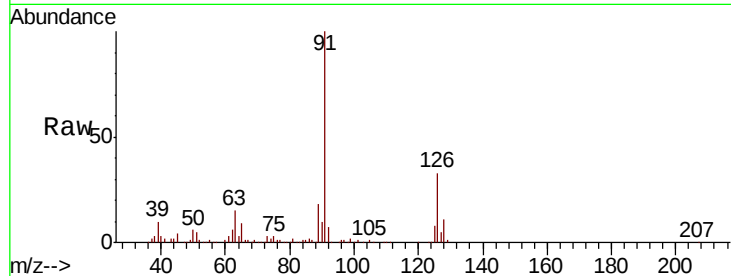




#79
 2-Chlorotoluene
 Concen: 21.407 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN055383.D
 Acq: 3 May 2019 12:27

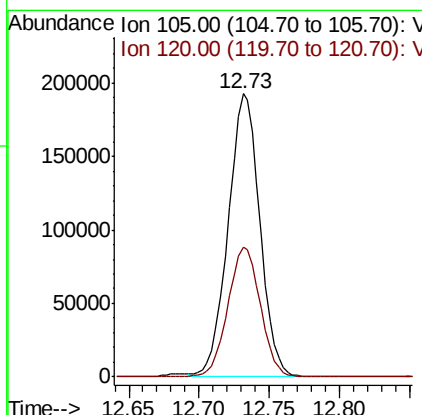
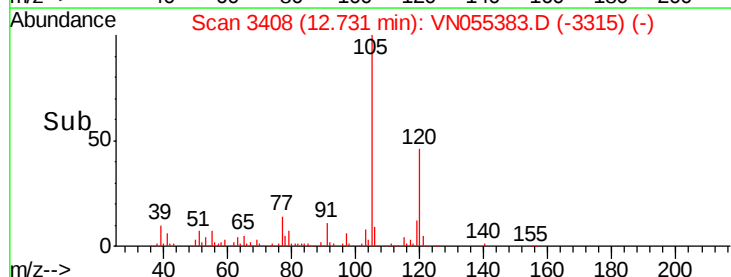
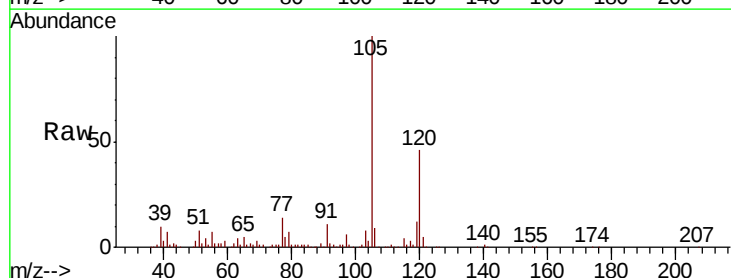
Instrument :
 MSVOA_N
 ClientSampled :
 VN0503WBS01

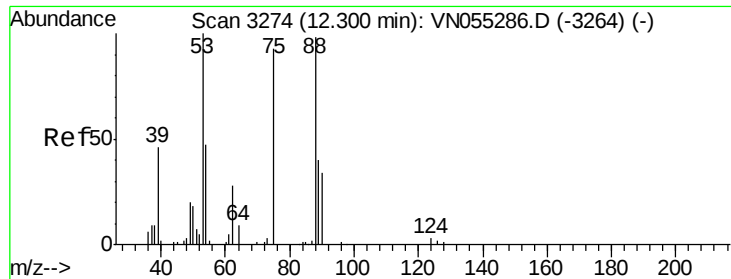
Tot Ion: 91 Resp: 246328
 Ion Ratio Lower Upper
 91 100
 126 34.0 16.6 49.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.441 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055383.D
 Acq: 3 May 2019 12:27

Tgt Ion: 105 Resp: 302110
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.769 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0503WBS01

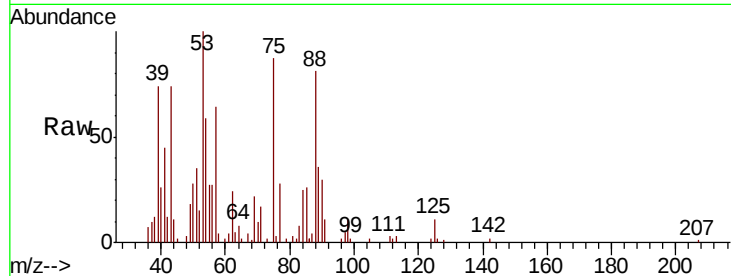
Tot Ion: 75 Resp: 18586

Ion Ratio Lower Upper

75 100

53 135.4 86.3 129.5#

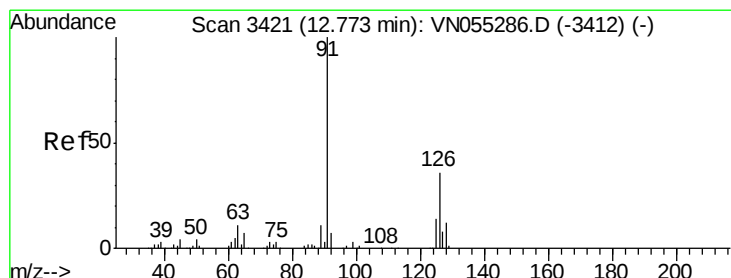
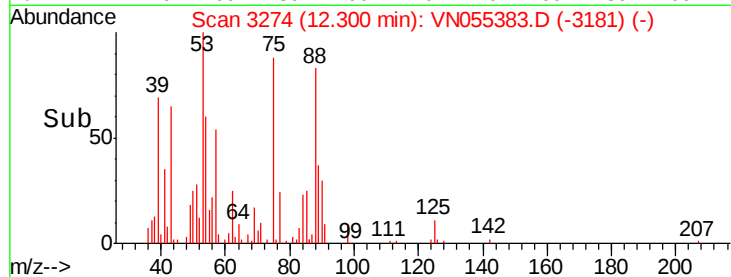
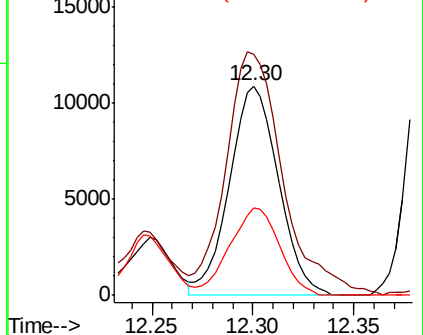
89 42.3 34.6 51.8



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: 19.208 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055383.D

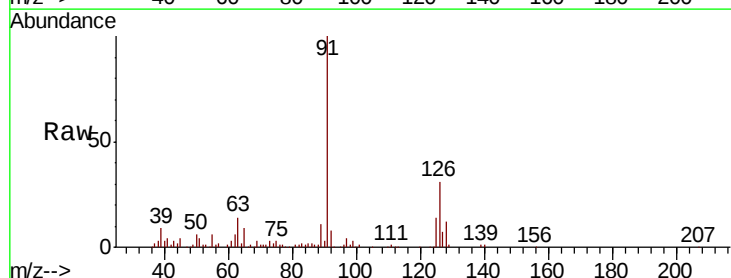
Acq: 3 May 2019 12:27

Tgt Ion: 91 Resp: 227408

Ion Ratio Lower Upper

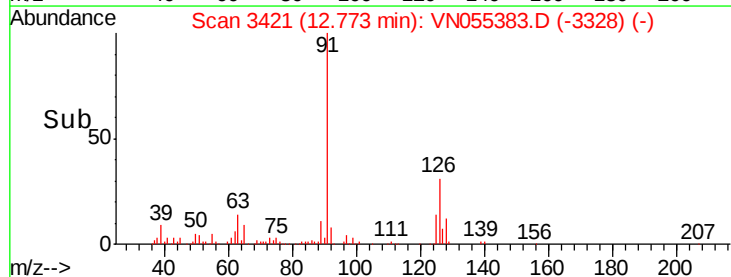
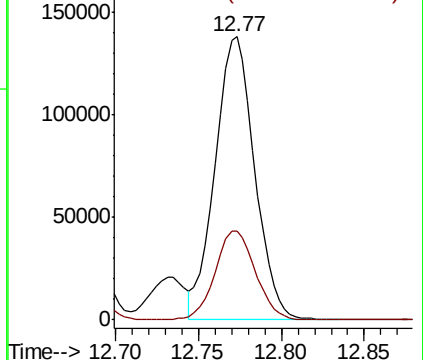
91 100

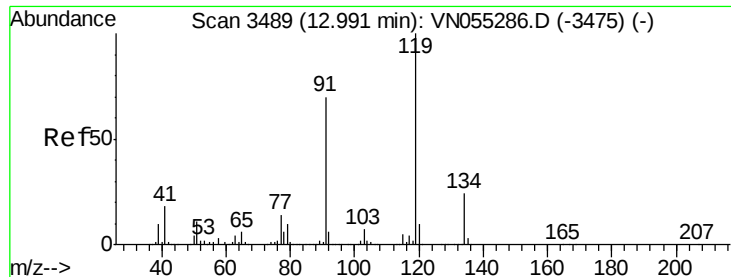
126 32.1 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

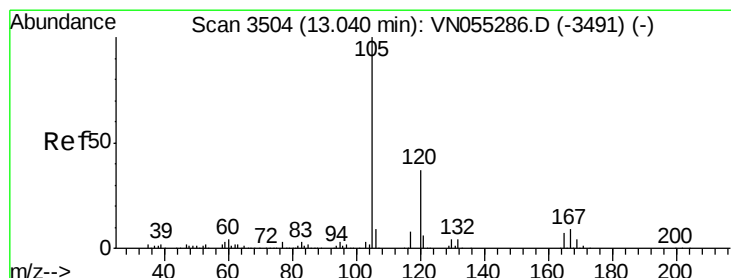
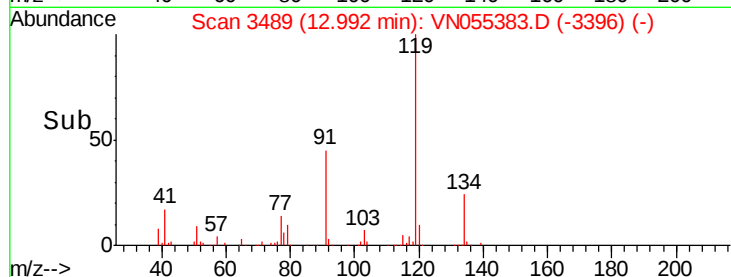
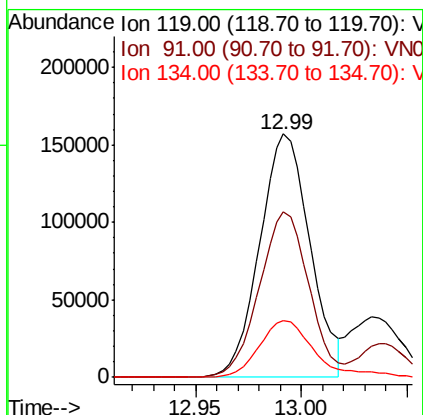
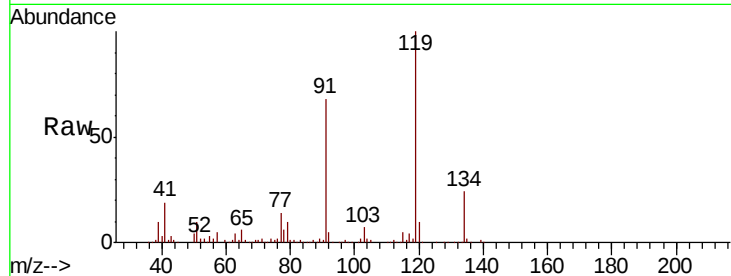




#83
tert-Butylbenzene
Concen: 22.139 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

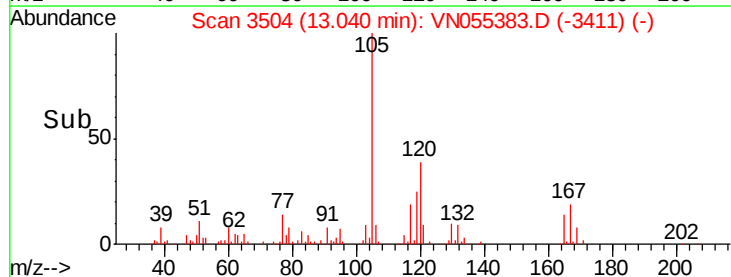
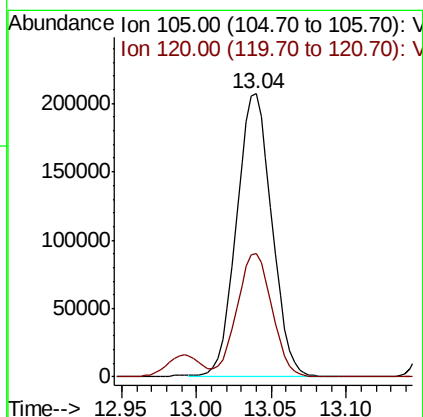
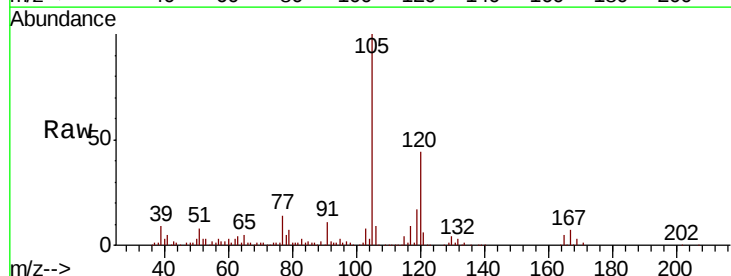
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBS01

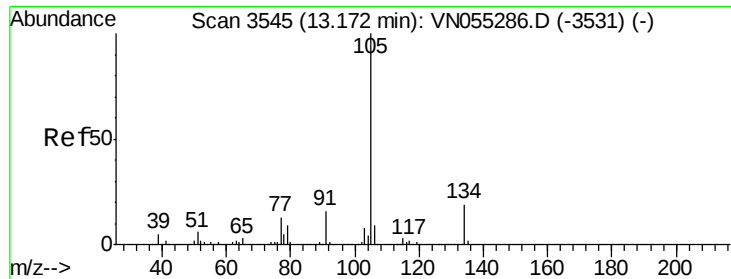
Tot Ion:119 Resp: 261358
Ion Ratio Lower Upper
119 100
91 67.2 34.3 102.9
134 25.9 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 24.364 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055383.D
Acq: 3 May 2019 12:27

Tgt Ion:105 Resp: 338611
Ion Ratio Lower Upper
105 100
120 43.4 22.1 66.5





#85

sec-Butylbenzene

Concen: 19.933 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

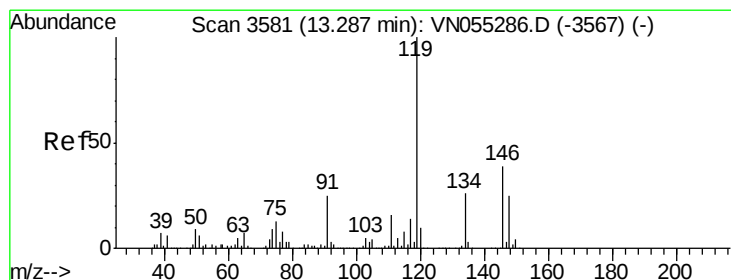
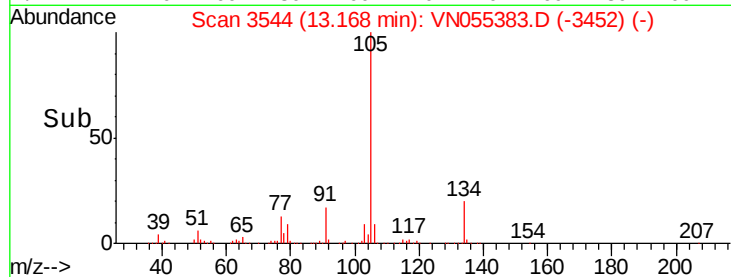
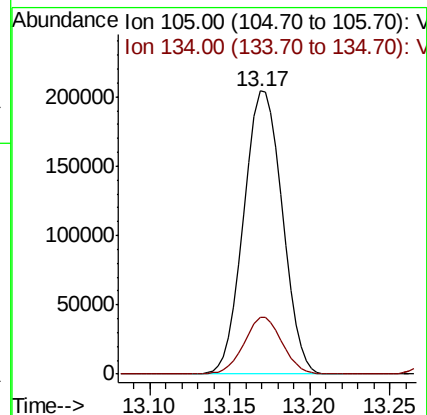
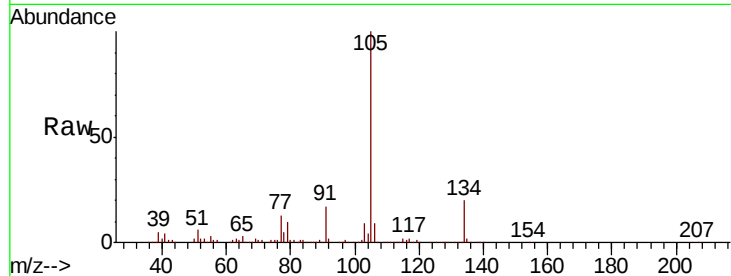
VN0503WBS01

Tot Ion:105 Resp: 336678

Ion Ratio Lower Upper

105 100

134 19.7 9.6 28.8



#86

p-Isopropyltoluene

Concen: 20.285 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

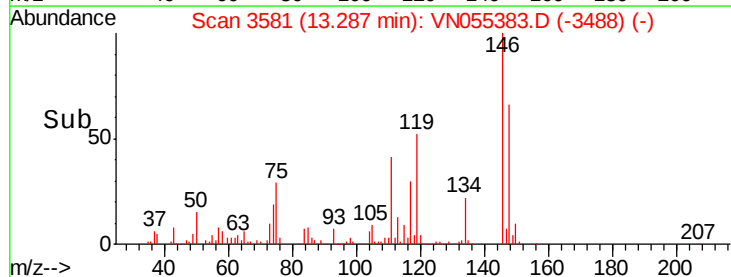
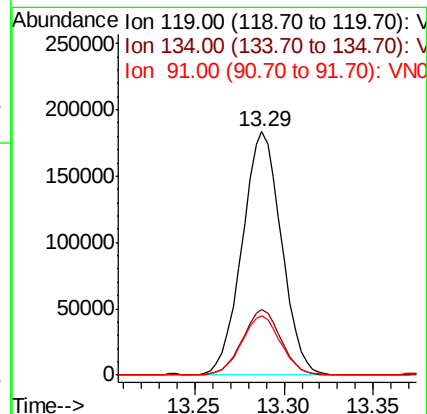
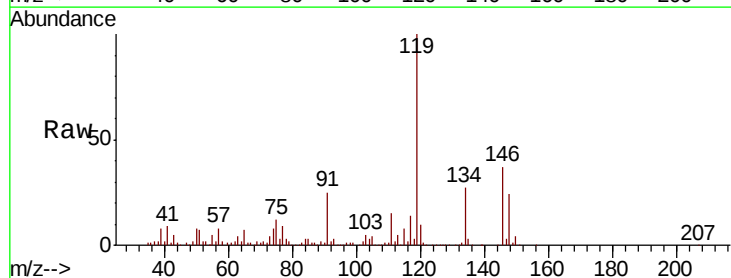
Tgt Ion:119 Resp: 281606

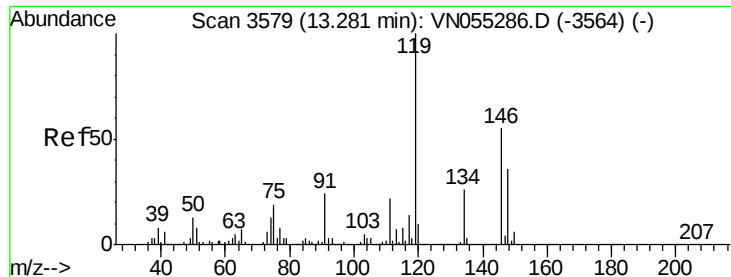
Ion Ratio Lower Upper

119 100

134 26.4 13.0 38.9

91 24.0 12.2 36.6

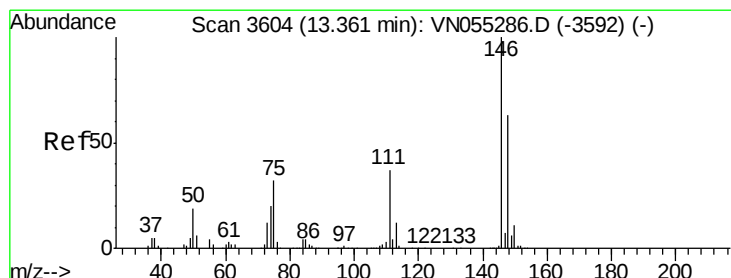
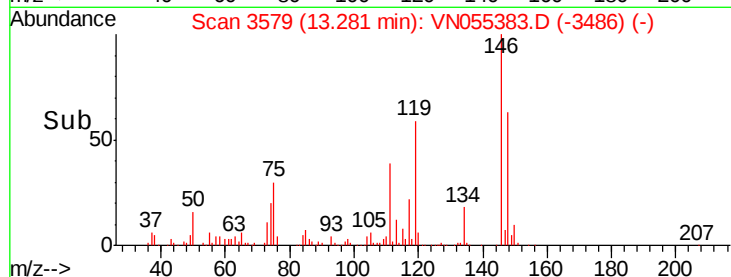
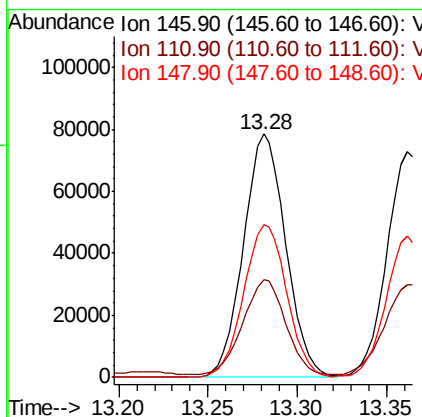
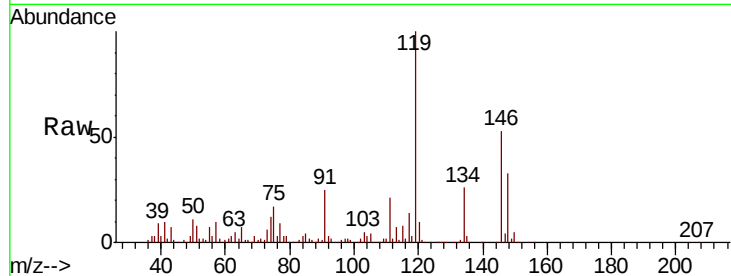




#87
 1,3-Dichlorobenzene
 Concen: 19.634 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055383.D
 Acq: 3 May 2019 12:27

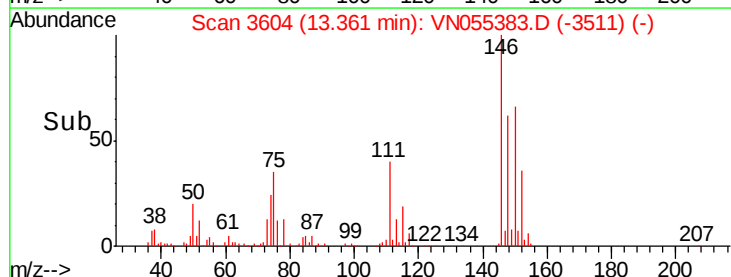
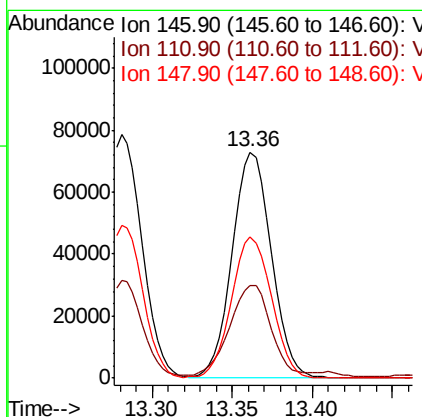
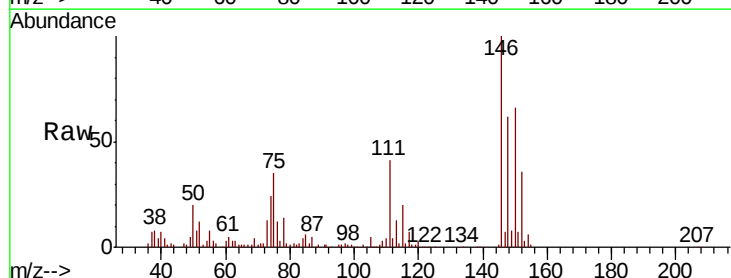
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503WBS01

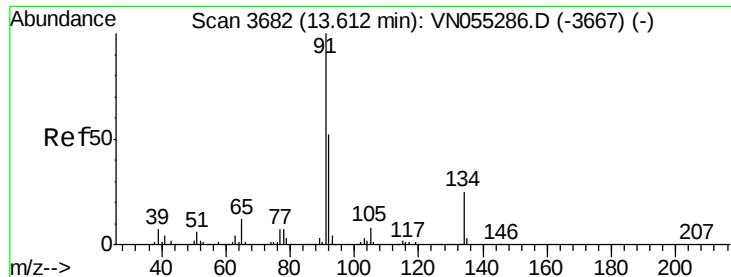
Tot Ion:146 Resp: 130235
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.3 60.8
 148 63.9 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 19.548 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055383.D
 Acq: 3 May 2019 12:27

Tgt Ion:146 Resp: 122105
 Ion Ratio Lower Upper
 146 100
 111 41.7 19.5 58.5
 148 63.8 32.5 97.4





#89

n-Butylbenzene

Concen: 20.812 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0503WBS01

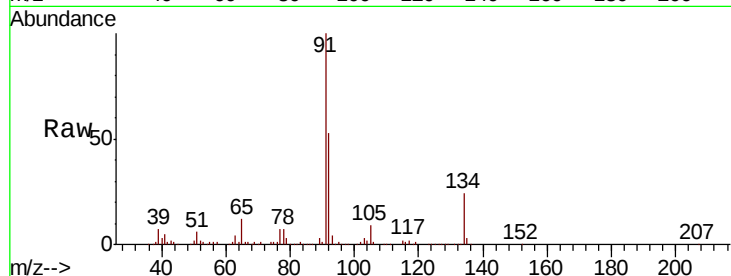
Tot Ion: 91 Resp: 205304

Ion Ratio Lower Upper

91 100

92 52.7 26.1 78.3

134 26.5 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN055286.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN055286.D (-3667) (-)

13.61

150000

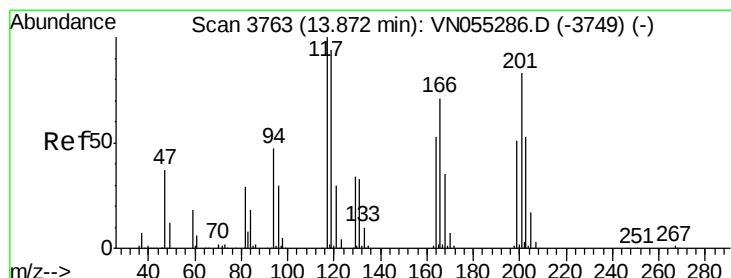
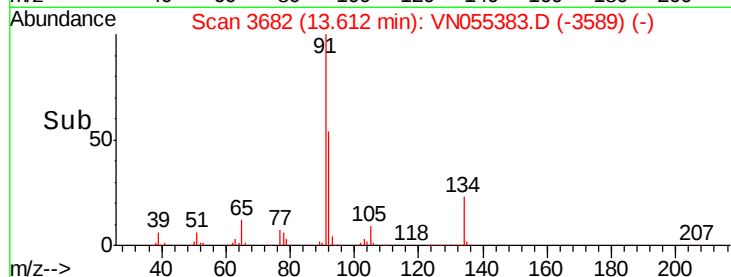
100000

50000

0

13.55 13.60 13.65

Time-->



#90

Hexachloroethane

Concen: 19.663 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055383.D

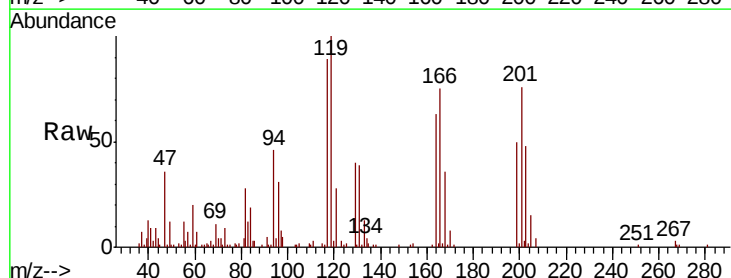
Acq: 3 May 2019 12:27

Tgt Ion: 117 Resp: 45323

Ion Ratio Lower Upper

117 100

201 82.1 41.9 125.8



Abundance Ion 116.80 (116.50 to 117.50): VN055286.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055286.D (-3749) (-)

30000

25000

20000

15000

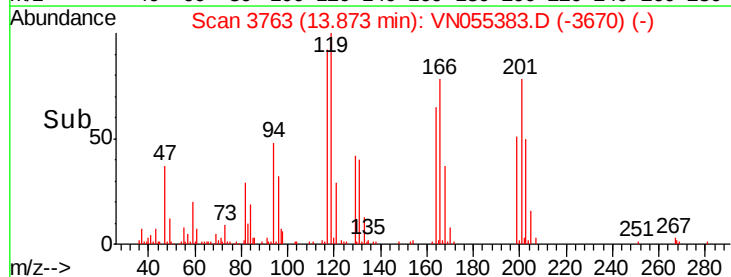
10000

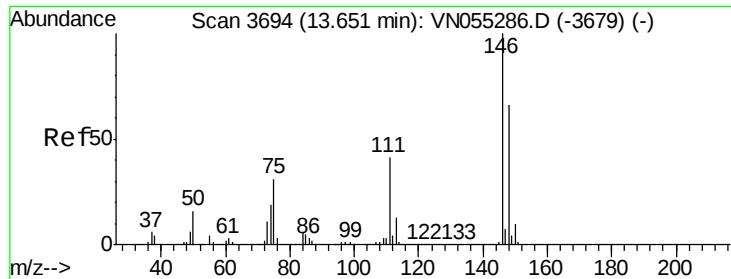
5000

0

13.80 13.85 13.90

Time-->





#91

1,2-Dichlorobenzene

Concen: 20.280 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

Instrument :

MSVOA_N

ClientSampled :

VN0503WBS01

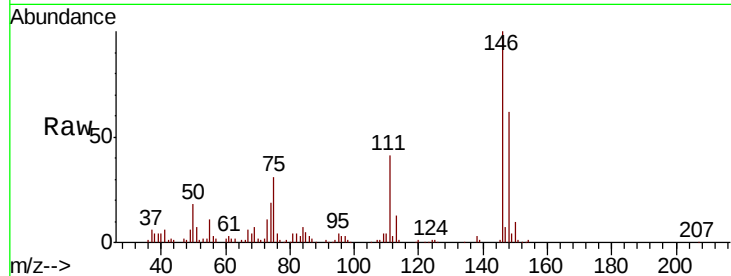
Tot Ion:146 Resp: 133328

Ion Ratio Lower Upper

146 100

111 42.5 20.3 61.0

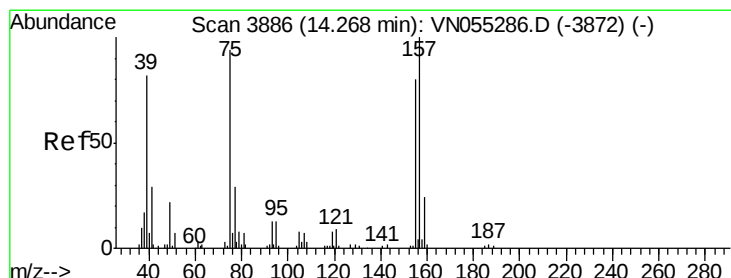
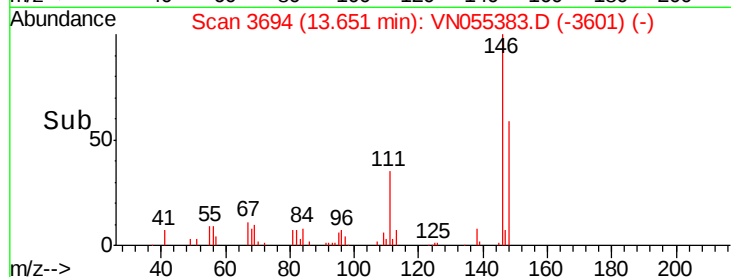
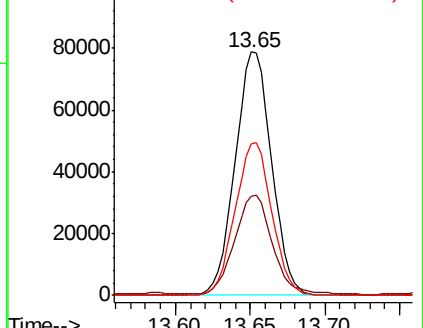
148 63.0 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.586 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

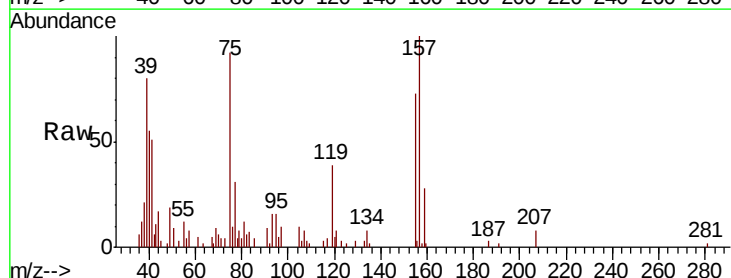
Tgt Ion: 75 Resp: 11257

Ion Ratio Lower Upper

75 100

155 78.5 41.5 124.6

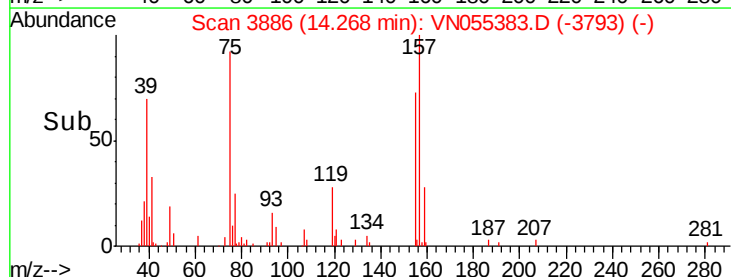
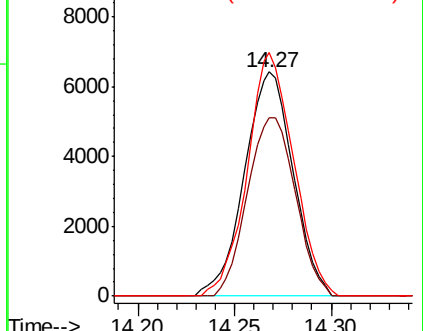
157 103.3 54.0 162.2

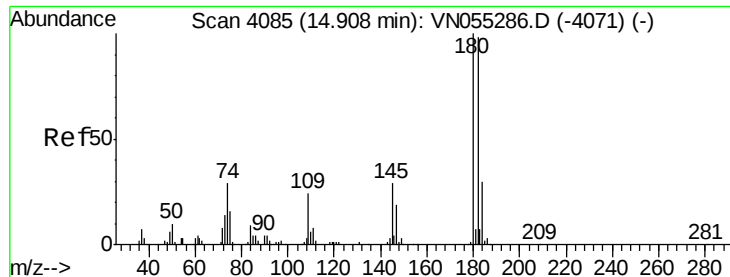


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

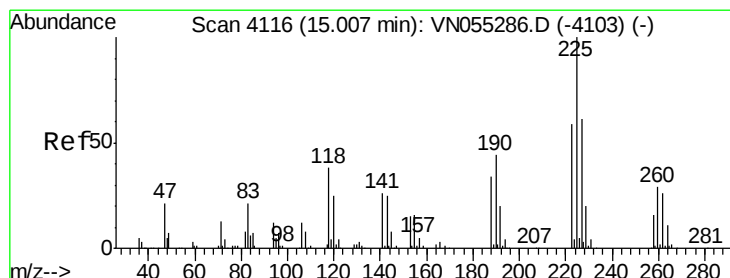
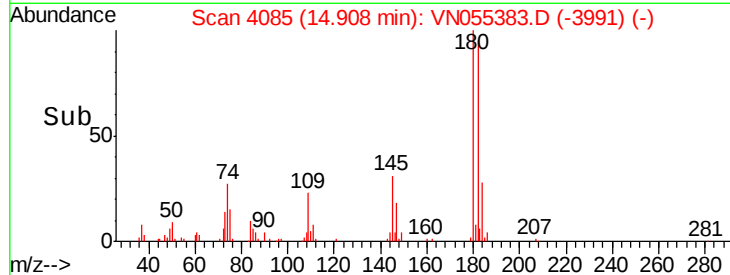
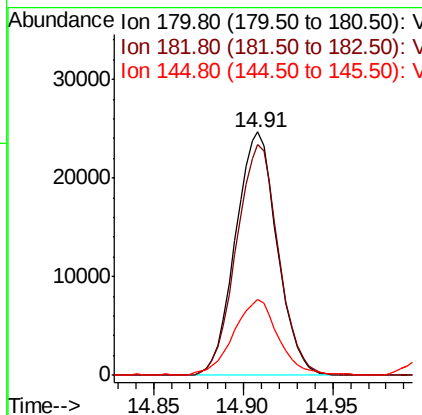
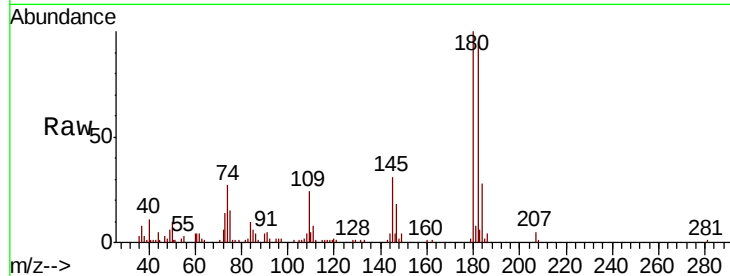




#93
 1,2,4-Trichlorobenzene
 Concen: 17.826 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055383.D
 Acq: 3 May 2019 12:27

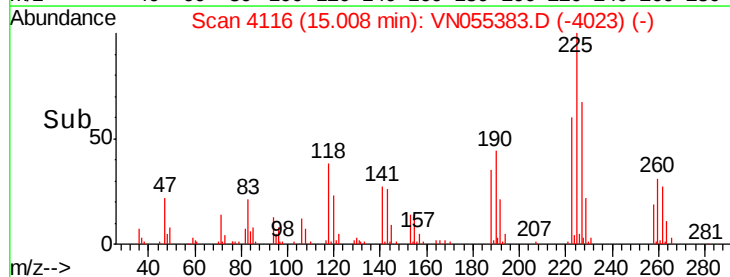
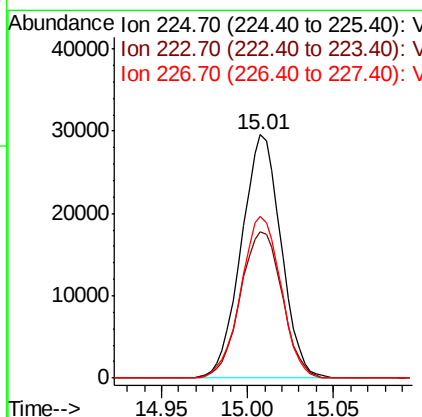
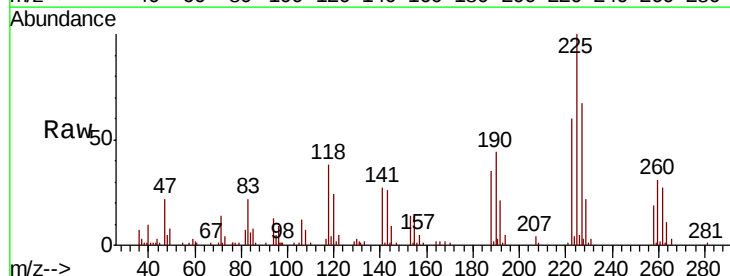
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503WBS01

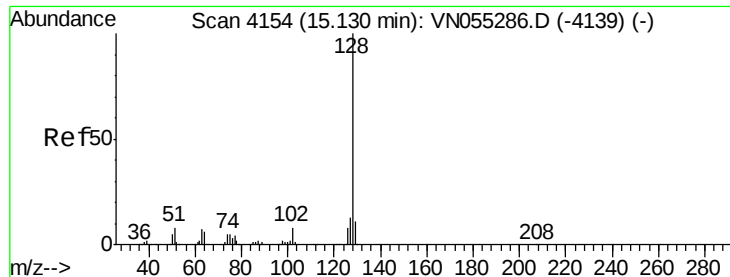
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.3	144.9
145	34.0	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 22.429 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055383.D
 Acq: 3 May 2019 12:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	30.3	90.8
227	66.8	30.9	92.7





#95

Naphthalene

Concen: 17.655 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0503WBS01

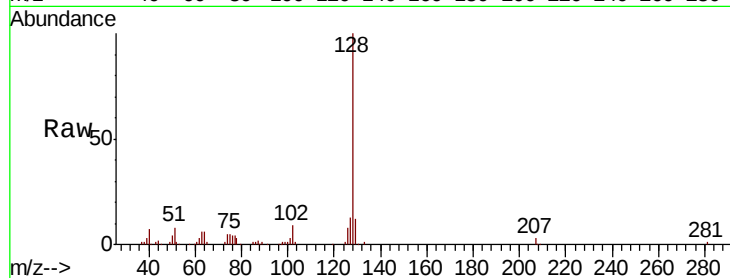
Tot Ion:128 Resp: 84569

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

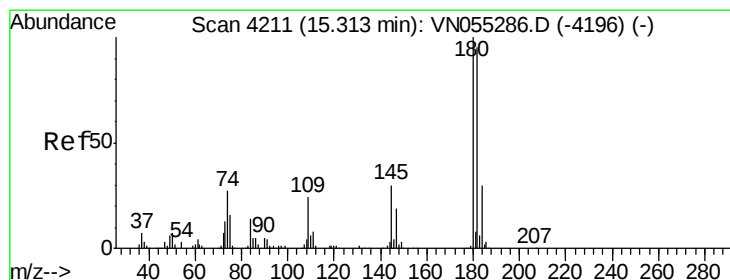
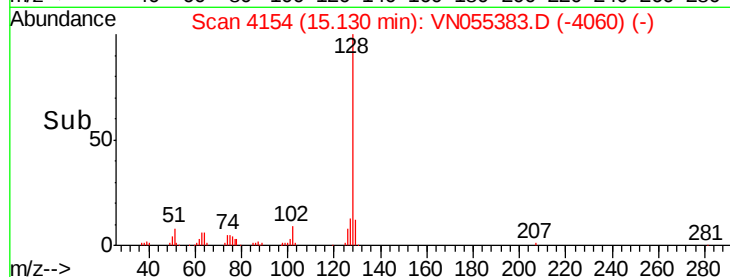
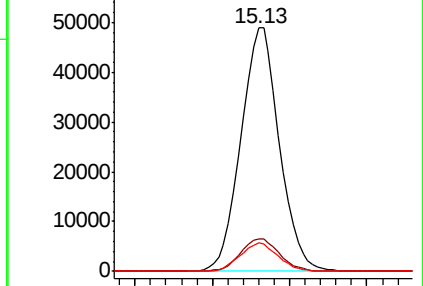
129 11.6 8.6 13.0



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: 18.919 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN055383.D

Acq: 3 May 2019 12:27

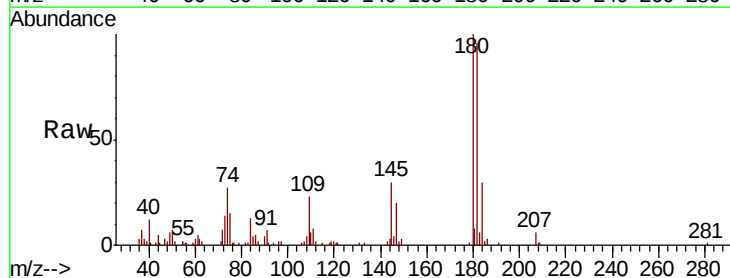
Tgt Ion:180 Resp: 43914

Ion Ratio Lower Upper

180 100

182 97.5 48.3 144.9

145 31.9 15.2 45.6



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

