

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032019\
 Data File : VN054463.D
 Acq On : 20 Mar 2019 13:38
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Mar 20 13:57:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 12:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	527577	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	845763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	696950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	244220	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	9183	1.64	ug/l	0.00
Spiked Amount			Recovery	=	3.28%	
35) Dibromofluoromethane	7.59	113	6721	1.23	ug/l	0.00
Spiked Amount			Recovery	=	2.46%	
50) Toluene-d8	10.09	98	23946	1.19	ug/l	0.00
Spiked Amount			Recovery	=	2.38%	
62) 4-Bromofluorobenzene	12.40	95	8417	1.19	ug/l	0.00
Spiked Amount			Recovery	=	2.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	6123	1.225	ug/l	92
3) Chloromethane	2.06	50	8006	1.648	ug/l	90
4) Vinyl Chloride	2.19	62	8048	1.450	ug/l	100
5) Bromomethane	2.58	94	6323	1.645	ug/l	95
6) Chloroethane	2.71	64	4563	1.359	ug/l	92
7) Trichlorofluoromethane	3.02	101	10660	1.444	ug/l	94
8) Diethyl Ether	3.41	74	3813	1.134	ug/l	59
9) 1,1,2-Trichlorotrifluoroet	3.75	101	6315	1.142	ug/l	93
10) Methyl Iodide	3.94	142	5711	0.785	ug/l #	81
11) Tert butyl alcohol	4.82	59	882	2.296	ug/l #	91
12) 1,1-Dichloroethene	3.73	96	6189	1.129	ug/l	95
13) Acrolein	3.61	56	4456	12.243	ug/l #	77
14) Allyl chloride	4.32	41	9053	1.287	ug/l	92
15) Acrylonitrile	5.00	53	10647	6.748	ug/l #	90
16) Acetone	3.82	43	10330	6.439	ug/l #	86
17) Carbon Disulfide	4.04	76	19771	1.439	ug/l #	93
18) Methyl Acetate	4.33	43	2805	0.864	ug/l #	87
19) Methyl tert-butyl Ether	5.05	73	7069	0.520	ug/l	100
20) Methylene Chloride	4.55	84	7003	1.329	ug/l #	86
21) trans-1,2-Dichloroethene	5.04	96	6591	1.255	ug/l	95
22) Diisopropyl ether	5.97	45	19374	1.380	ug/l #	88
23) Vinyl Acetate	5.90	43	61555	5.948	ug/l	94
24) 1,1-Dichloroethane	5.85	63	10275	1.140	ug/l #	91
25) 2-Butanone	6.87	43	12378	6.574	ug/l #	85
26) 2,2-Dichloropropane	6.82	77	4053	0.511	ug/l	91
27) cis-1,2-Dichloroethene	6.83	96	6937	1.184	ug/l	92
28) Bromochloromethane	7.20	49	4798	1.302	ug/l #	81
29) Tetrahydrofuran	7.23	42	8810	7.277	ug/l #	80
30) Chloroform	7.37	83	10695	1.137	ug/l	96
31) Cyclohexane	7.66	56	21045	2.169	ug/l #	69
32) 1,1,1-Trichloroethane	7.56	97	4674	0.550	ug/l #	24
36) 1,1-Dichloropropene	7.79	75	8970	1.152	ug/l	95
37) Ethyl Acetate	6.95	43	5266	1.177	ug/l #	76
38) Carbon Tetrachloride	7.77	117	7730	0.946	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032019\
 Data File : VN054463.D
 Acq On : 20 Mar 2019 13:38
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Mar 20 13:57:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 12:05:59 2019
 Response via : Initial Calibration

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

39) Methylcyclohexane	9.08	83	11053	1.153	ug/l	94
40) Benzene	8.05	78	23700	1.063	ug/l	95
41) Methacrylonitrile	7.19	41	2619	1.025	ug/l #	66
42) 1,2-Dichloroethane	8.13	62	8956	1.190	ug/l	91
43) Isopropyl Acetate	8.17	43	9494	1.209	ug/l #	89
44) Trichloroethene	8.84	130	6794	0.981	ug/l	79
45) 1,2-Dichloropropane	9.12	63	6584	1.190	ug/l	91
46) Dibromomethane	9.21	93	4052	1.084	ug/l	87
47) Bromodichloromethane	9.40	83	7205	0.961	ug/l	91
48) Methyl methacrylate	9.20	41	4486	1.125	ug/l #	82
49) 1,4-Dioxane	9.20	88	1158	20.536	ug/l #	41
51) 4-Methyl-2-Pentanone	9.99	43	25339	6.095	ug/l	93
52) Toluene	10.16	92	15717	1.112	ug/l	87
53) t-1,3-Dichloropropene	10.38	75	5314	0.696	ug/l #	88
54) cis-1,3-Dichloropropene	9.84	75	7665	0.877	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	5145	0.997	ug/l	94
56) Ethyl methacrylate	10.43	69	5881	0.956	ug/l #	67
57) 1,3-Dichloropropane	10.71	76	8837	1.047	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	12415	5.327	ug/l #	89
59) 2-Hexanone	10.75	43	16323	5.901	ug/l	88
60) Dibromochloromethane	10.90	129	4465	0.769	ug/l	98
61) 1,2-Dibromoethane	11.00	107	5002	0.954	ug/l	97
64) Tetrachloroethene	10.63	164	7288	1.082	ug/l	98
65) Chlorobenzene	11.43	112	15804	1.033	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	4975	0.895	ug/l #	65
67) Ethyl Benzene	11.51	91	26883	1.060	ug/l	100
68) m/p-Xylenes	11.62	106	20576	2.075	ug/l	95
69) o-Xylene	11.95	106	10011	1.036	ug/l	93
70) Styrene	11.96	104	15001	0.990	ug/l	98
71) Bromoform	12.13	173	2590	0.704	ug/l #	100
73) Isopropylbenzene	12.25	105	27941	1.430	ug/l	95
74) N-amyl acetate	12.07	43	6304	1.454	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	5817	1.397	ug/l	96
76) 1,2,3-Trichloropropane	12.56	75	6635	1.847	ug/l #	100
77) Bromobenzene	12.53	156	6006	1.162	ug/l	90
78) n-propylbenzene	12.59	91	28158	1.328	ug/l	98
79) 2-Chlorotoluene	12.67	91	18991	1.490	ug/l	88
80) 1,3,5-Trimethylbenzene	12.73	105	22078	1.358	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.31	75	784	0.746	ug/l #	37
82) 4-Chlorotoluene	12.77	91	16241	1.276	ug/l	96
83) tert-Butylbenzene	12.99	119	18974	1.268	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	19763	1.239	ug/l	98
85) sec-Butylbenzene	13.17	105	24402	1.258	ug/l	94
86) p-Isopropyltoluene	13.29	119	20875	1.227	ug/l	95
87) 1,3-Dichlorobenzene	13.28	146	10609	1.218	ug/l	97
88) 1,4-Dichlorobenzene	13.28	146	10609	1.240	ug/l	98
89) n-Butylbenzene	13.62	91	14907	1.153	ug/l	95
90) Hexachloroethane	13.87	117	2648	0.940	ug/l	80
91) 1,2-Dichlorobenzene	13.65	146	10210	1.199	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	898	1.394	ug/l	59

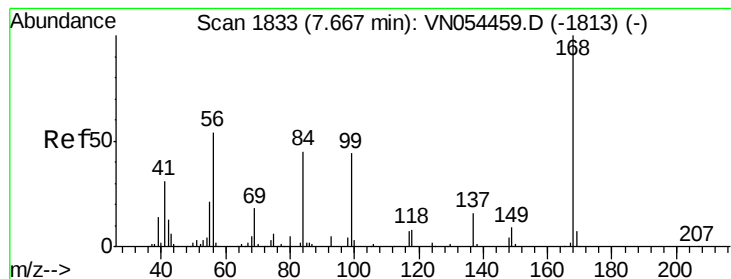
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032019\
Data File : VN054463.D
Acq On : 20 Mar 2019 13:38
Operator : JC/SP
Sample : VSTDICC001
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Quant Time: Mar 20 13:57:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 12:05:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	5817	1.322	ug/l	97
94) Hexachlorobutadiene	15.01	225	4363	1.345	ug/l	89
95) Naphthalene	15.13	128	14402	1.591	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.31	180	6371	1.408	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

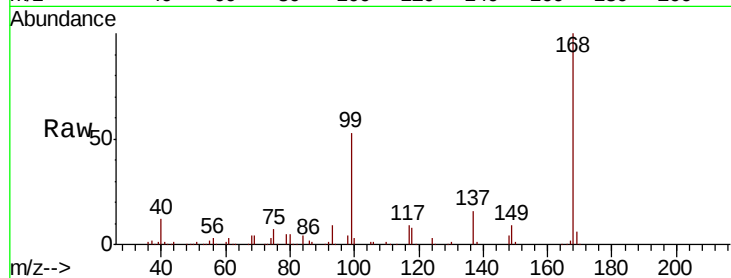
VSTDIC001

Tgt Ion:168 Resp: 527577

Ion Ratio Lower Upper

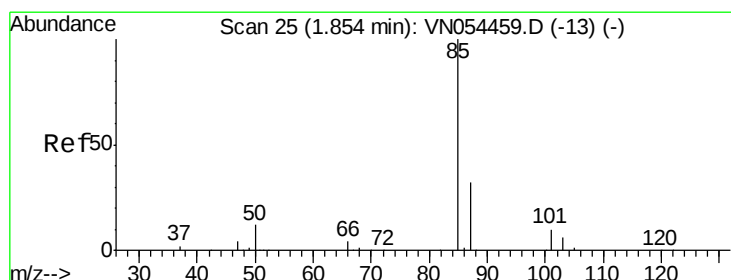
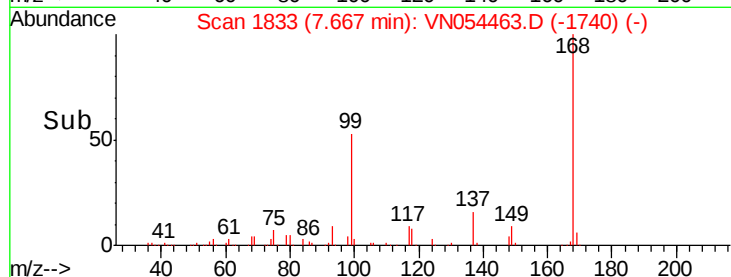
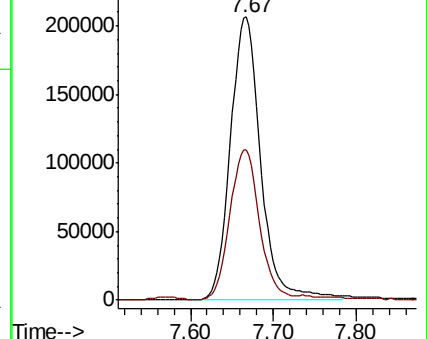
168 100

99 53.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 1.225 ug/l

RT: 1.85 min Scan# 25

Delta R.T. -0.00 min

Lab File: VN054463.D

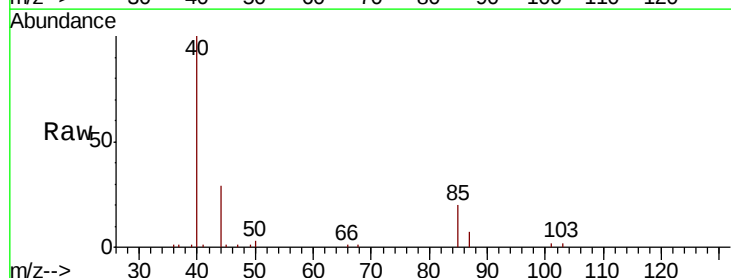
Acq: 20 Mar 2019 13:38

Tgt Ion: 85 Resp: 6123

Ion Ratio Lower Upper

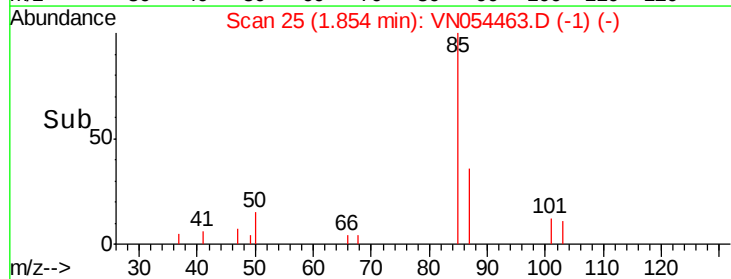
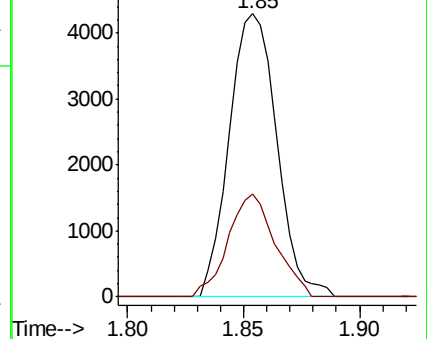
85 100

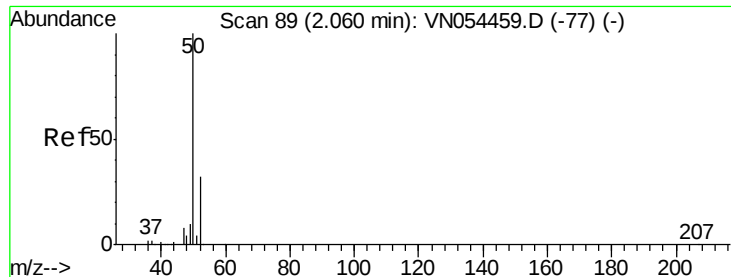
87 36.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 1.648 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

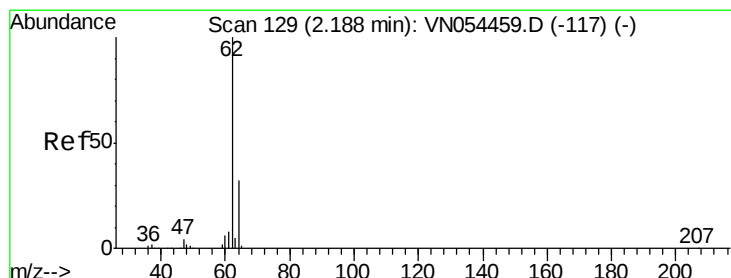
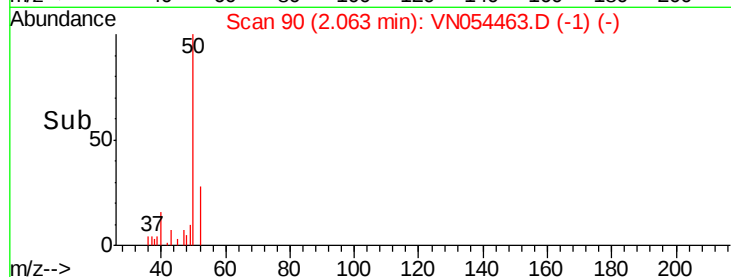
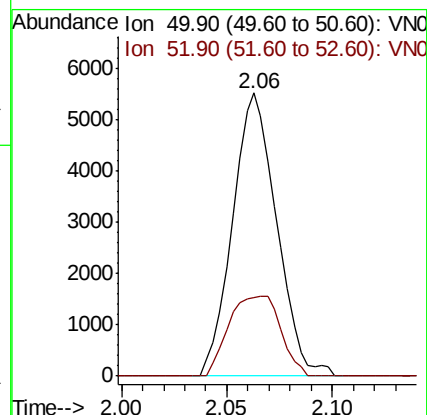
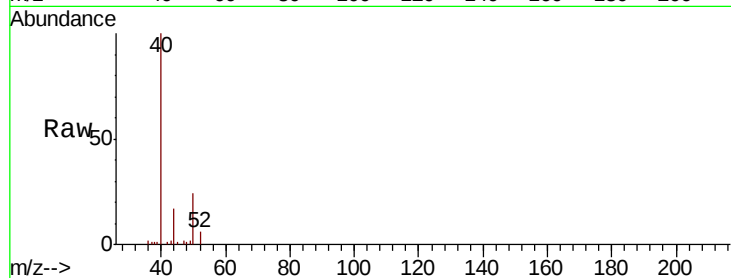
VSTDIC001

Tgt Ion: 50 Resp: 8006

Ion Ratio Lower Upper

50 100

52 27.6 26.4 39.6



#4

Vinyl Chloride

Concen: 1.450 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN054463.D

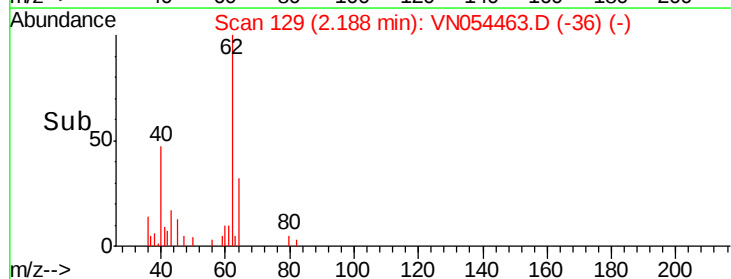
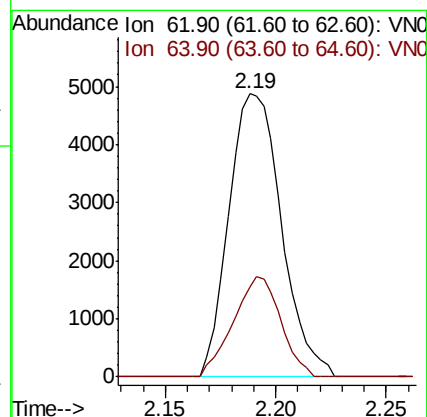
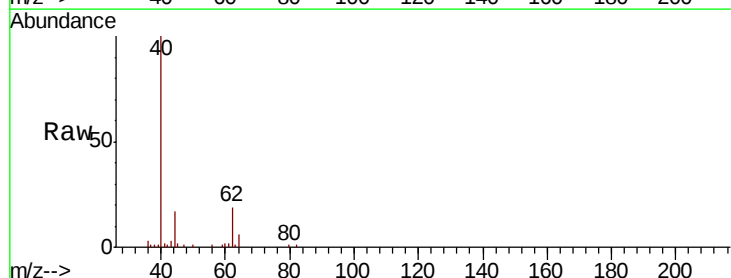
Acq: 20 Mar 2019 13:38

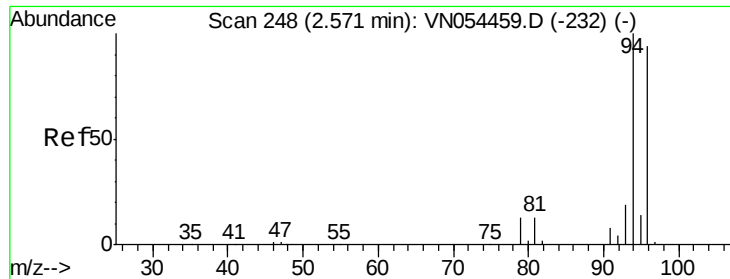
Tgt Ion: 62 Resp: 8048

Ion Ratio Lower Upper

62 100

64 32.0 25.5 38.3





#5

Bromomethane

Concen: 1.645 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.01 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

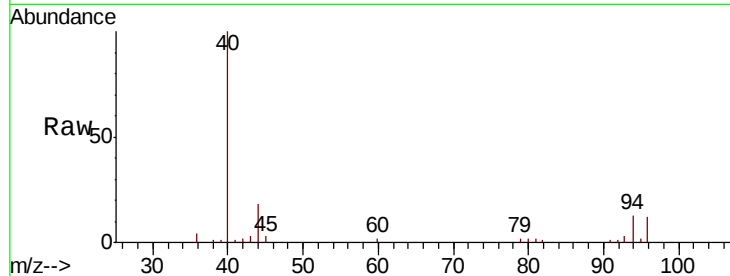
VSTDIC001

Tgt Ion: 94 Resp: 6323

Ion Ratio Lower Upper

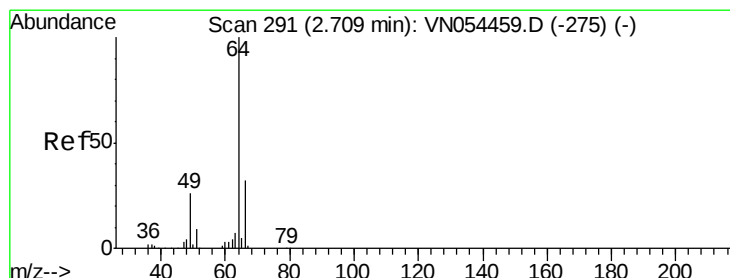
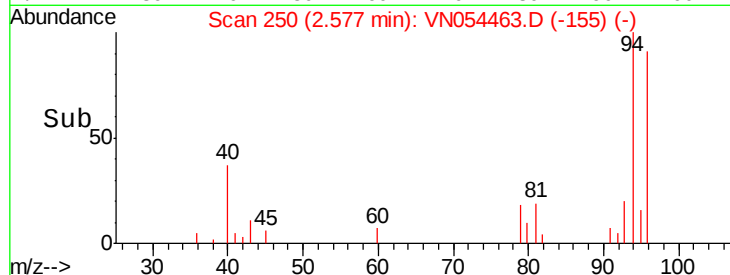
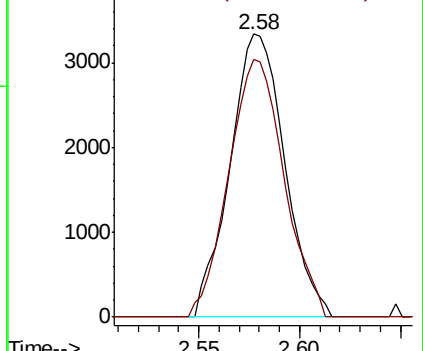
94 100

96 91.1 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 1.359 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN054463.D

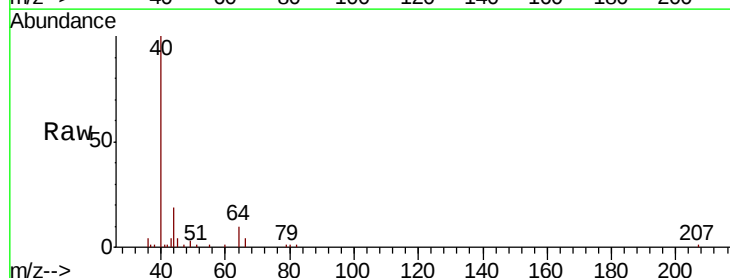
Acq: 20 Mar 2019 13:38

Tgt Ion: 64 Resp: 4563

Ion Ratio Lower Upper

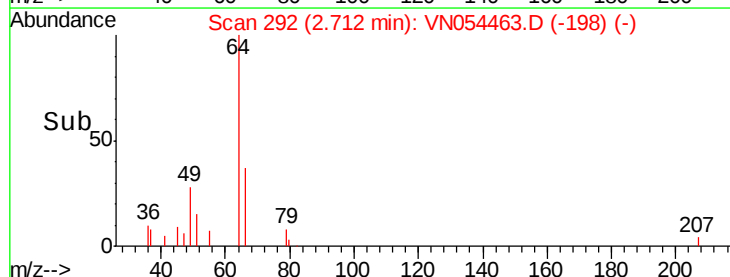
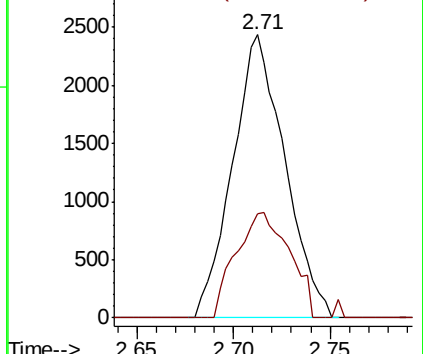
64 100

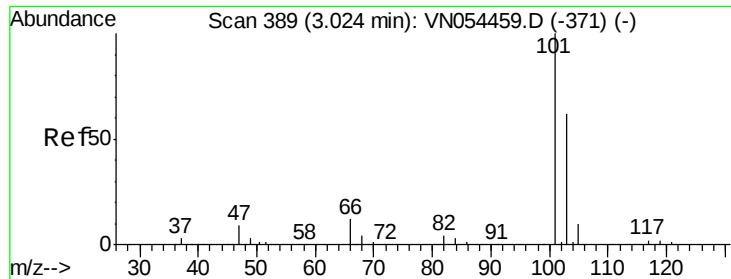
66 36.8 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 1.444 ug/l

RT: 3.02 min Scan# 389

Delta R.T. -0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

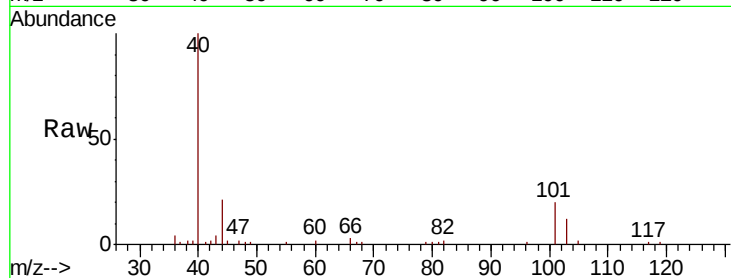
VSTDIC001

Tgt Ion:101 Resp: 10660

Ion Ratio Lower Upper

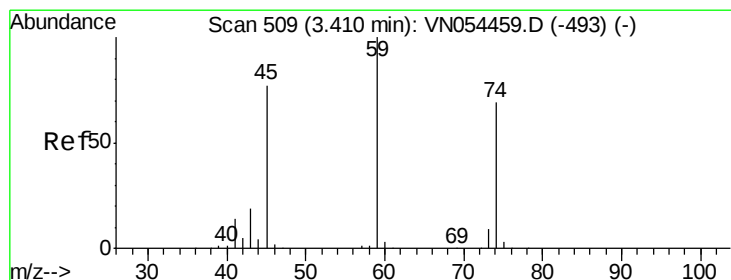
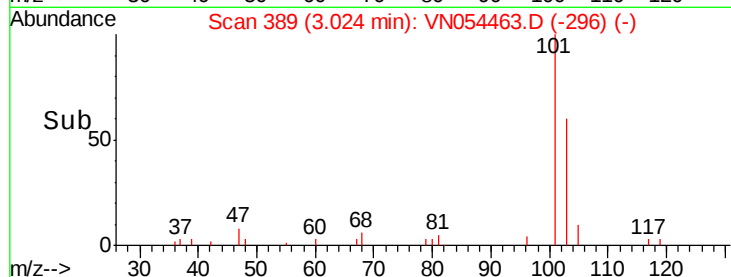
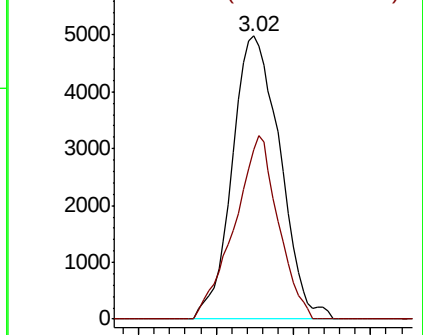
101 100

103 59.9 51.4 77.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.134 ug/l

RT: 3.41 min Scan# 510

Delta R.T. 0.00 min

Lab File: VN054463.D

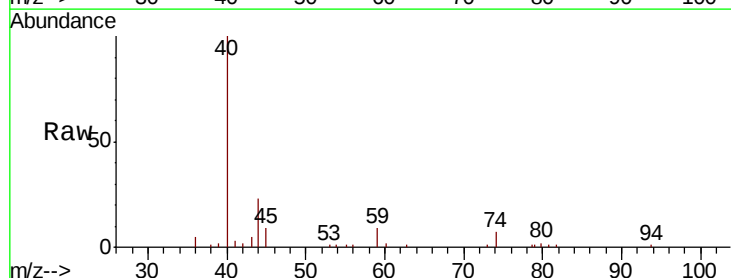
Acq: 20 Mar 2019 13:38

Tgt Ion: 74 Resp: 3813

Ion Ratio Lower Upper

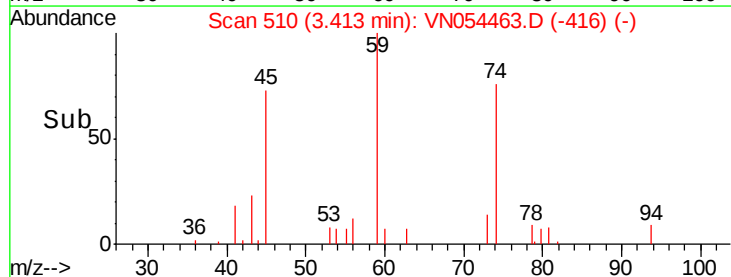
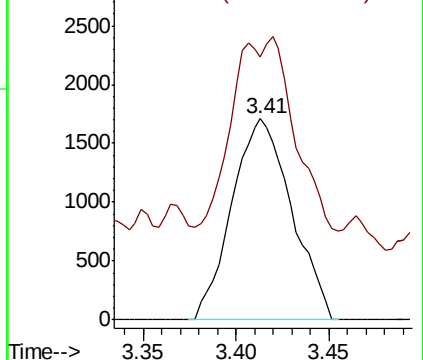
74 100

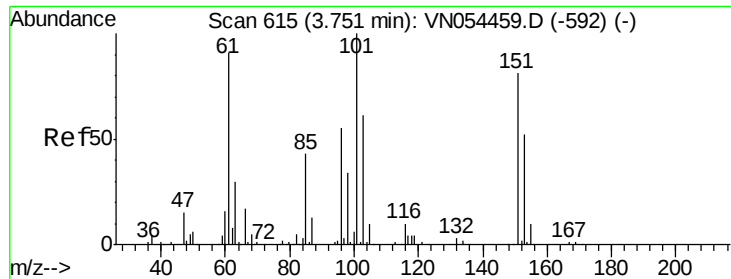
45 48.4 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.142 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

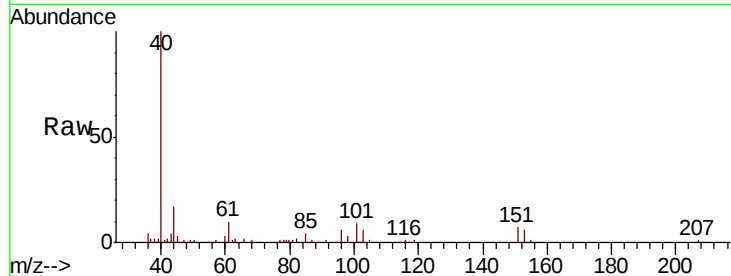
Tgt Ion:101 Resp: 6315

Ion Ratio Lower Upper

101 100

85 47.0 32.4 48.6

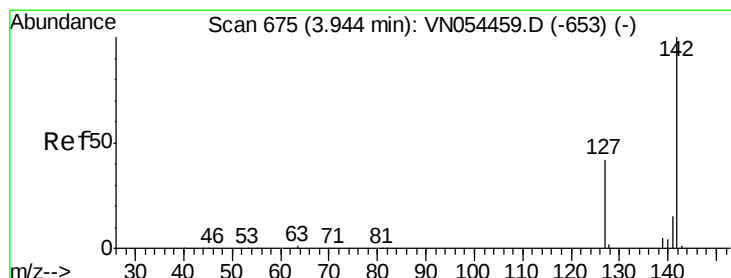
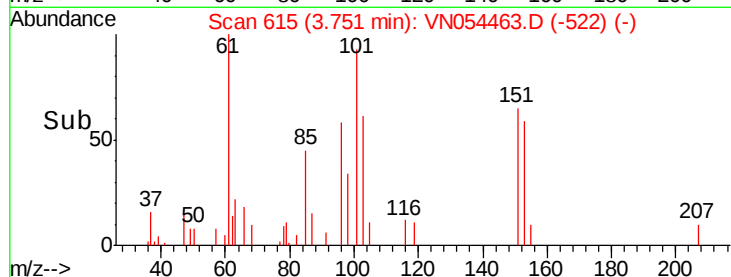
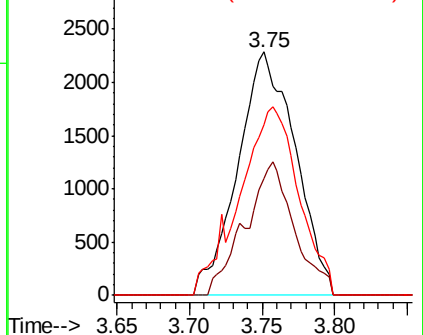
151 79.7 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.785 ug/l

RT: 3.94 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

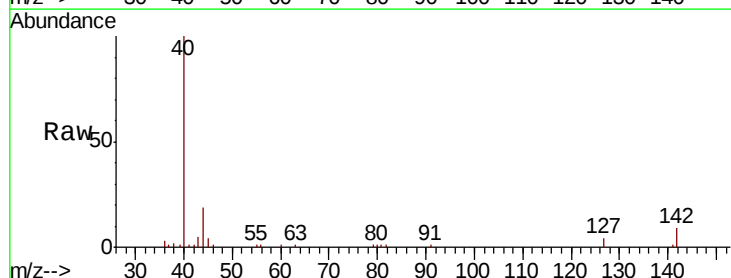
Tgt Ion:142 Resp: 5711

Ion Ratio Lower Upper

142 100

127 24.1 30.3 45.5#

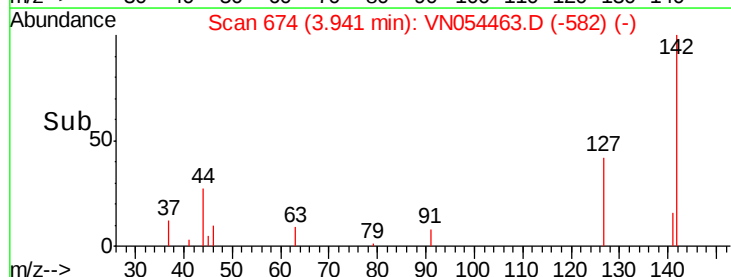
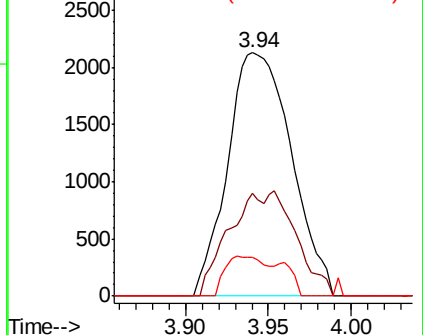
141 10.1 11.2 16.8#

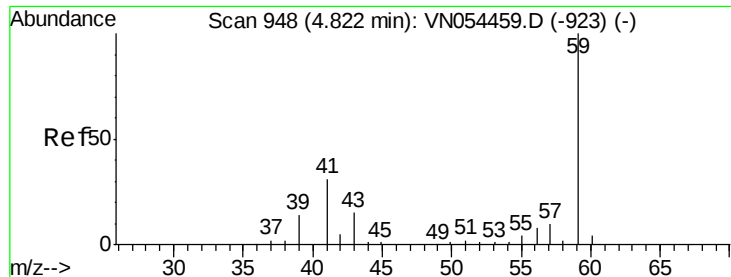


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

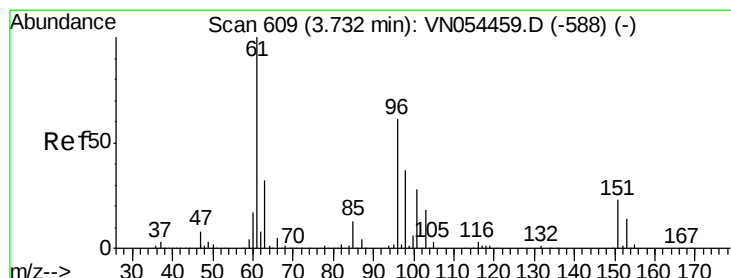
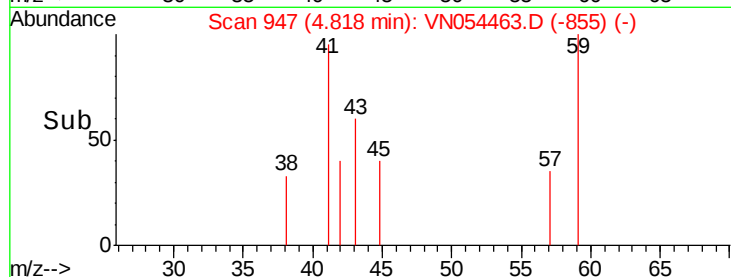
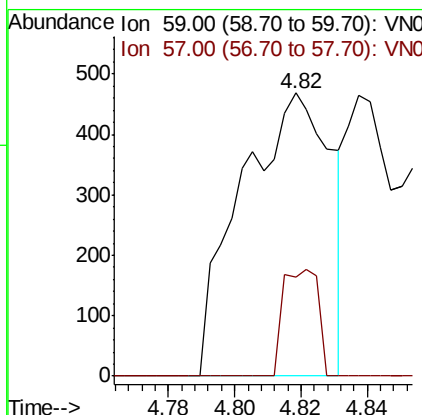
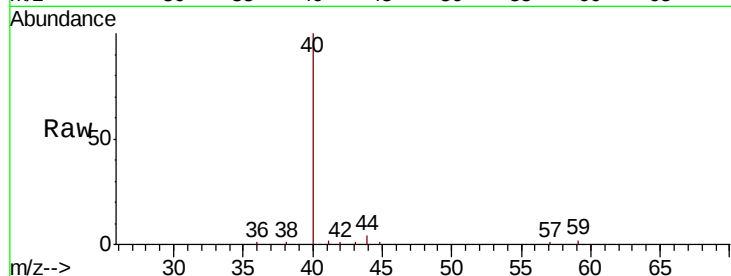




#11
Tert butyl alcohol
Concen: 2.296 ug/l
RT: 4.82 min Scan# 947
Delta R.T. -0.00 min
Lab File: VN054463.D
Acq: 20 Mar 2019 13:38

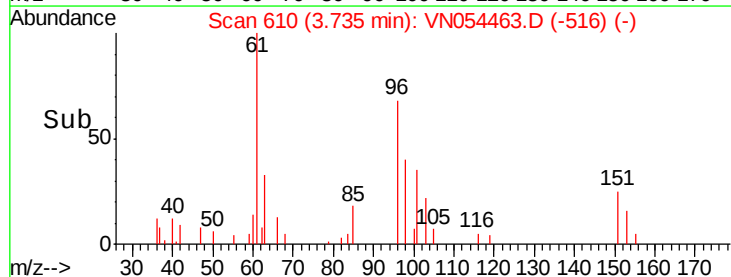
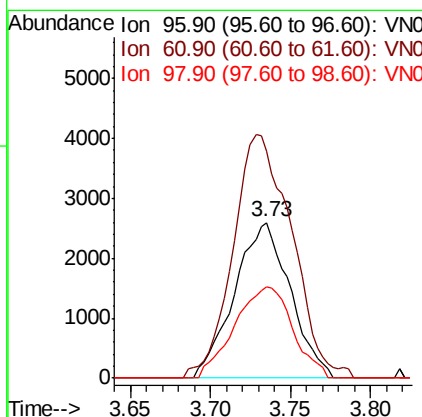
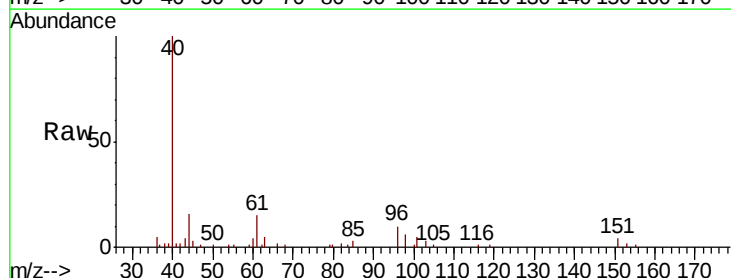
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

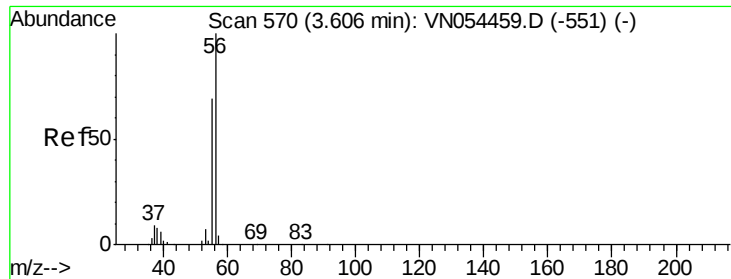
Tgt Ion: 59 Resp: 882
Ion Ratio Lower Upper
59 100
57 14.7 9.0 13.6#



#12
1,1-Dichloroethene
Concen: 1.129 ug/l
RT: 3.73 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN054463.D
Acq: 20 Mar 2019 13:38

Tgt Ion: 96 Resp: 6189
Ion Ratio Lower Upper
96 100
61 140.3 116.5 174.7
98 58.9 51.0 76.4





#13

Acrolein

Concen: 12.243 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

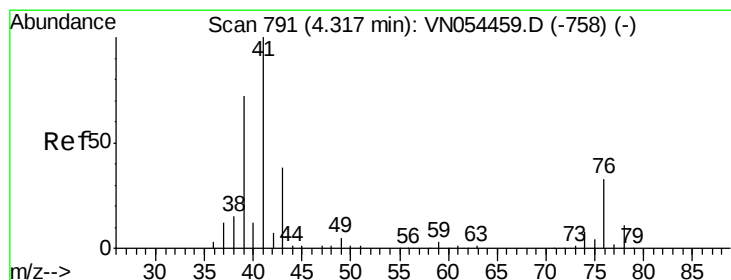
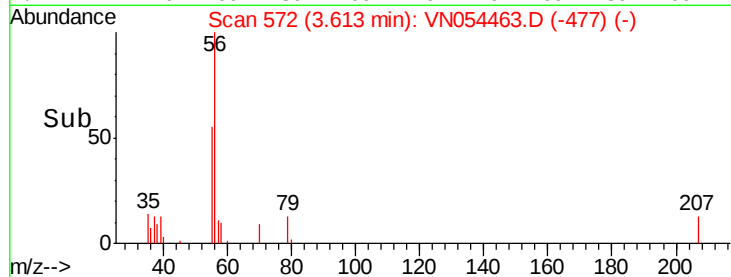
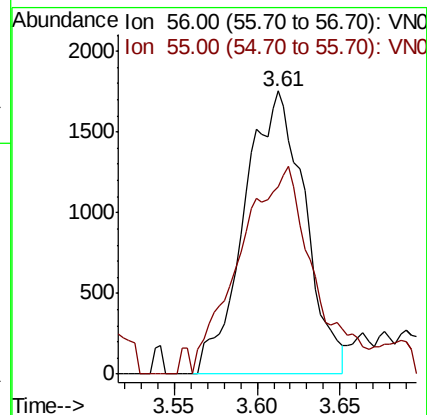
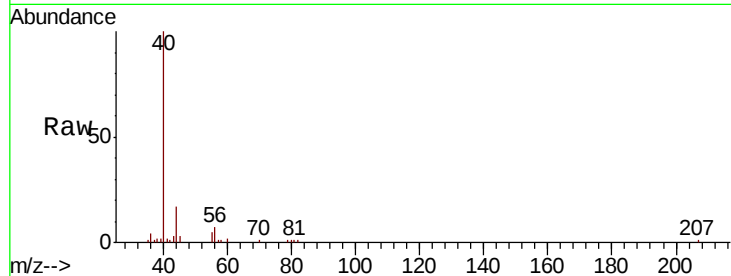
VSTDIC001

Tgt Ion: 56 Resp: 4456

Ion Ratio Lower Upper

56 100

55 89.8 56.7 85.1#



#14

Allyl chloride

Concen: 1.287 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

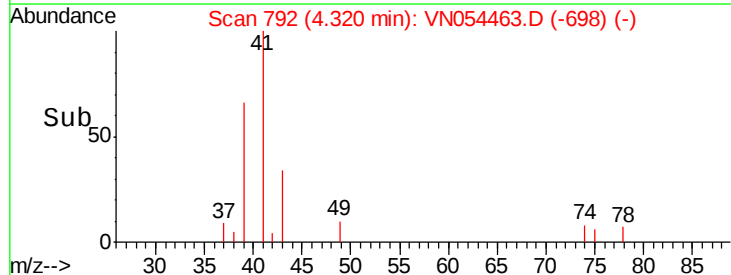
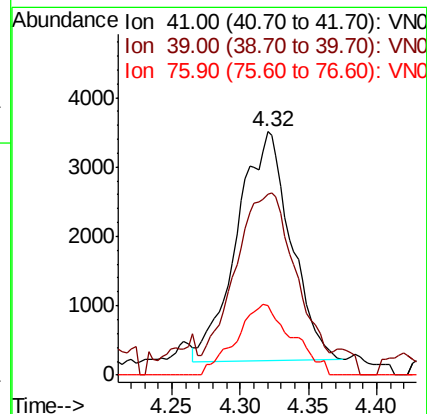
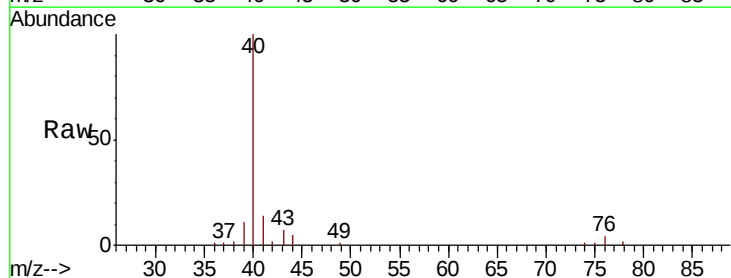
Tgt Ion: 41 Resp: 9053

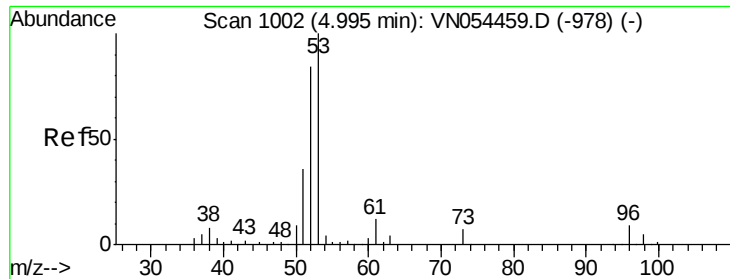
Ion Ratio Lower Upper

41 100

39 77.8 58.2 87.4

76 32.1 31.7 47.5





#15

Acrylonitrile

Concen: 6.748 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

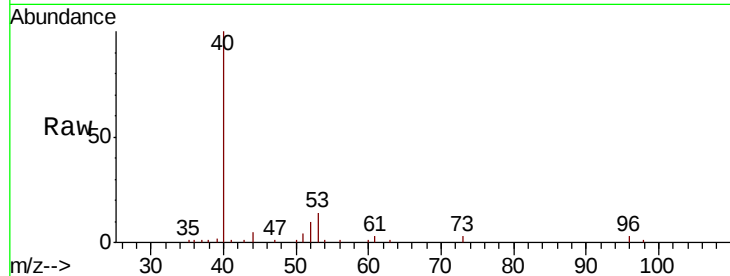
Tgt Ion: 53 Resp: 10647

Ion Ratio Lower Upper

53 100

52 76.1 66.4 99.6

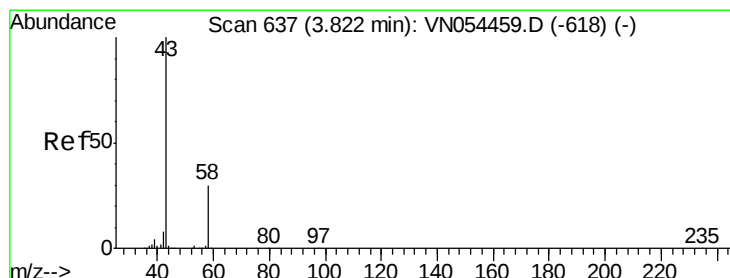
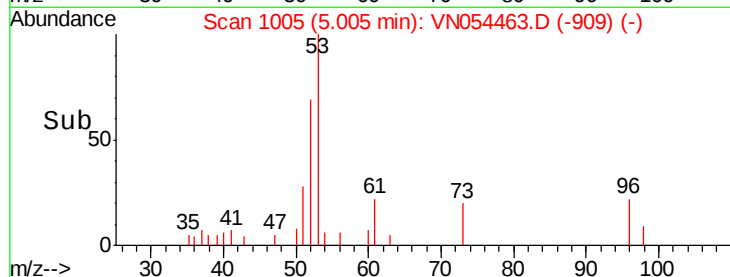
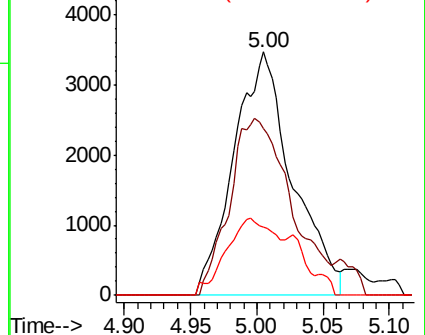
51 27.5 29.6 44.4#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 6.439 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN054463.D

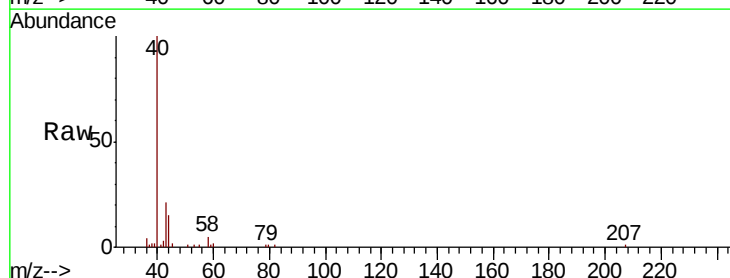
Acq: 20 Mar 2019 13:38

Tgt Ion: 43 Resp: 10330

Ion Ratio Lower Upper

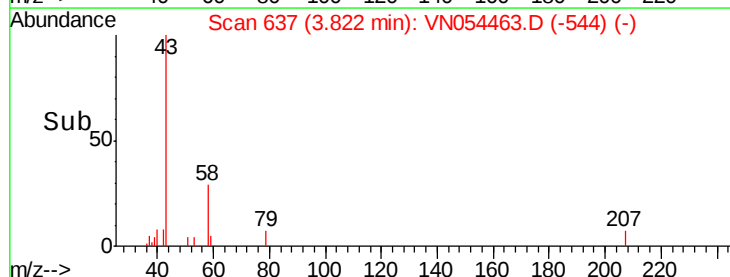
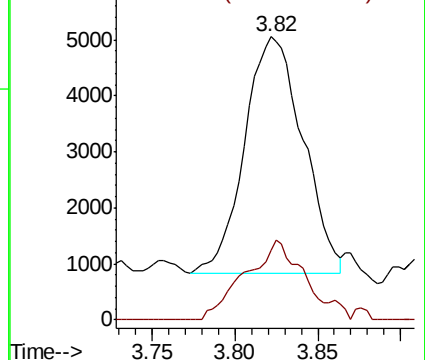
43 100

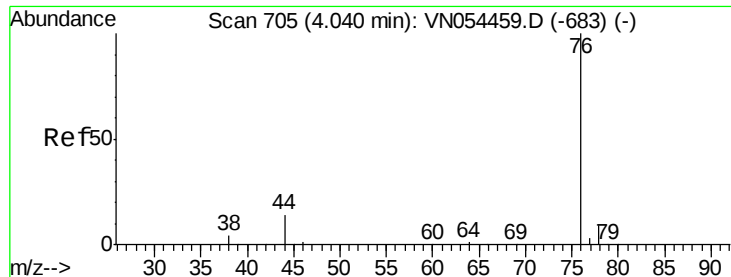
58 29.3 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 1.439 ug/l

RT: 4.04 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

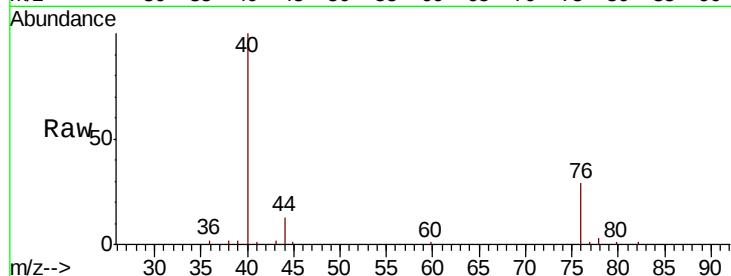
VSTDIC001

Tgt Ion: 76 Resp: 19771

Ion Ratio Lower Upper

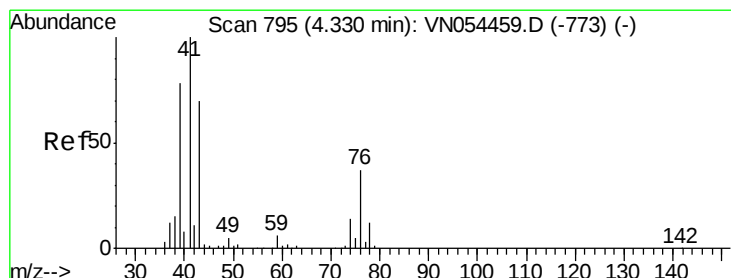
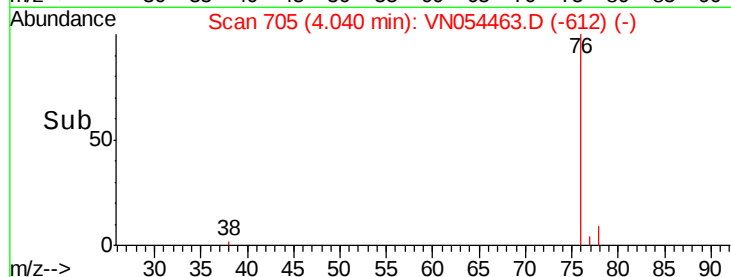
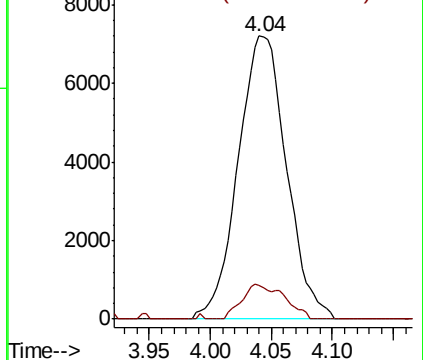
76 100

78 12.0 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.864 ug/l

RT: 4.33 min Scan# 795

Delta R.T. -0.00 min

Lab File: VN054463.D

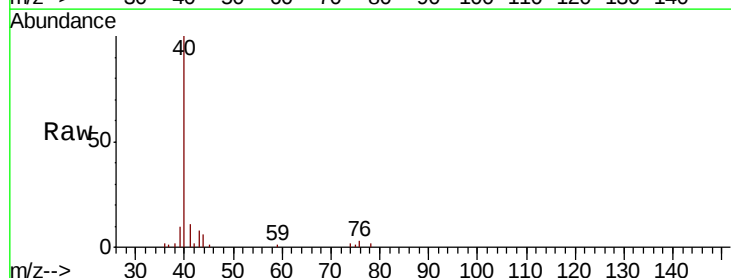
Acq: 20 Mar 2019 13:38

Tgt Ion: 43 Resp: 2805

Ion Ratio Lower Upper

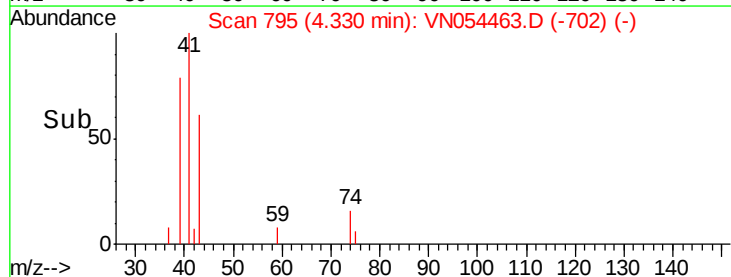
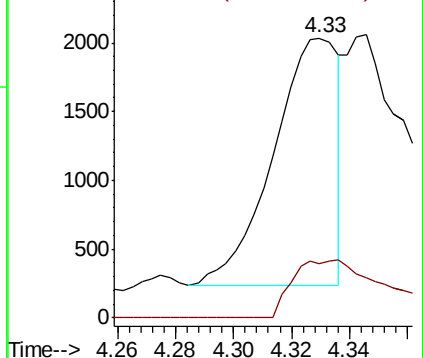
43 100

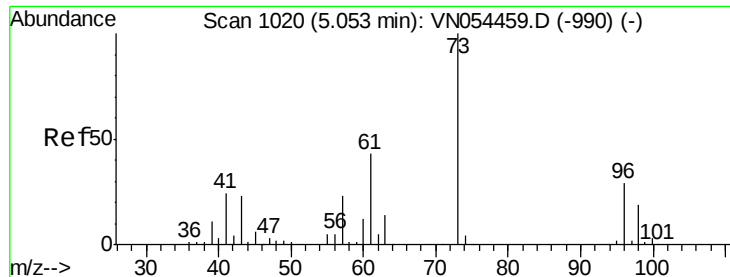
74 32.5 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

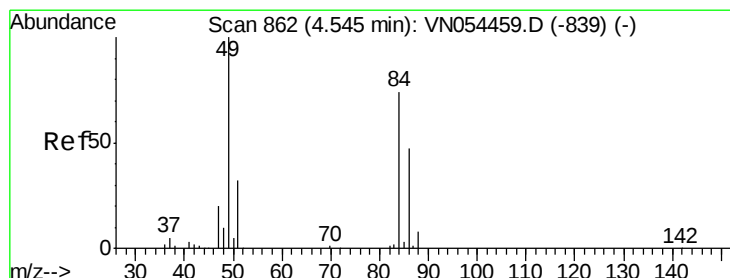
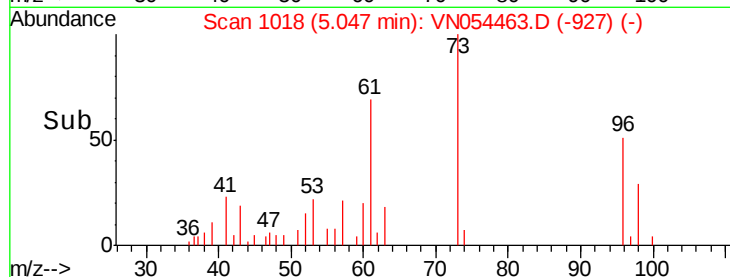
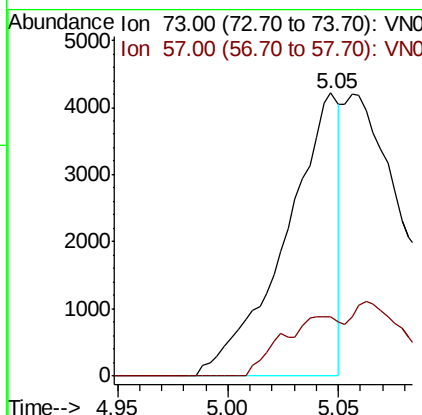
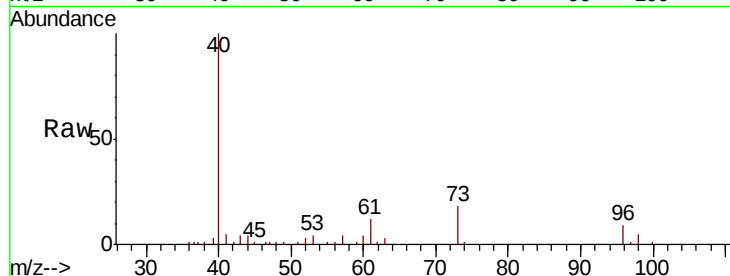




#19
Methyl tert-butyl Ether
Concen: 0.520 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VN054463.D
Acq: 20 Mar 2019 13:38

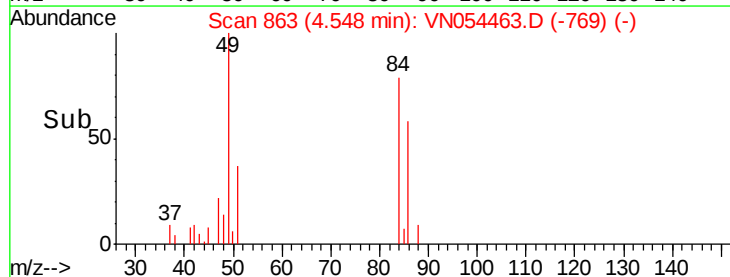
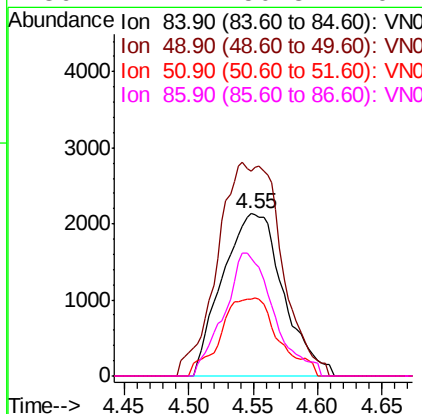
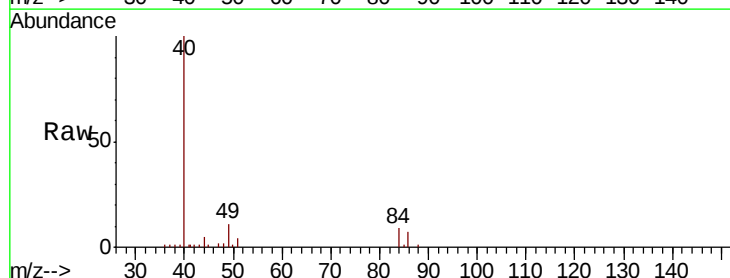
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

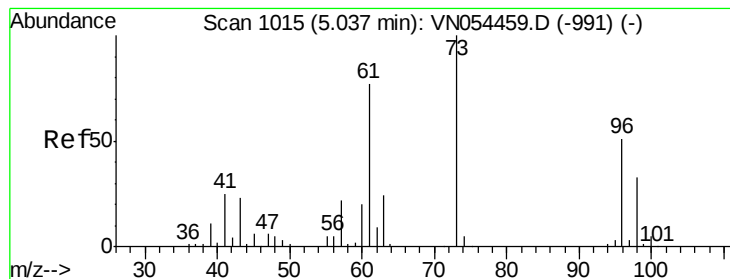
Tgt Ion: 73 Resp: 7069
Ion Ratio Lower Upper
73 100
57 20.8 16.8 25.2



#20
Methylene Chloride
Concen: 1.329 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054463.D
Acq: 20 Mar 2019 13:38

Tgt Ion: 84 Resp: 7003
Ion Ratio Lower Upper
84 100
49 126.1 89.7 134.5
51 47.2 28.2 42.4#
86 72.7 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 1.255 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

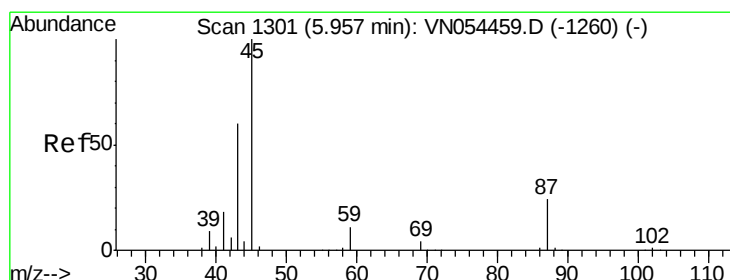
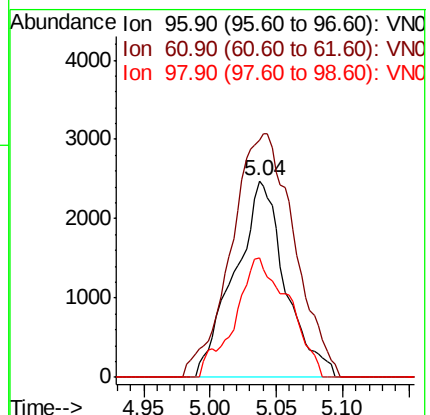
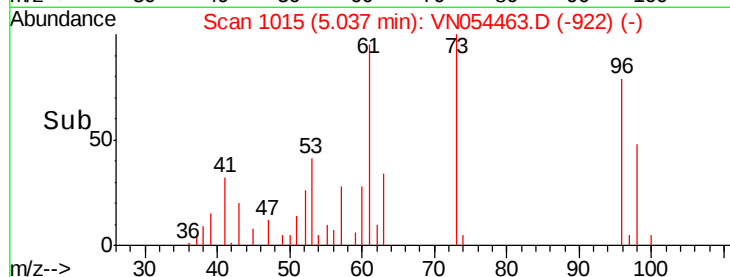
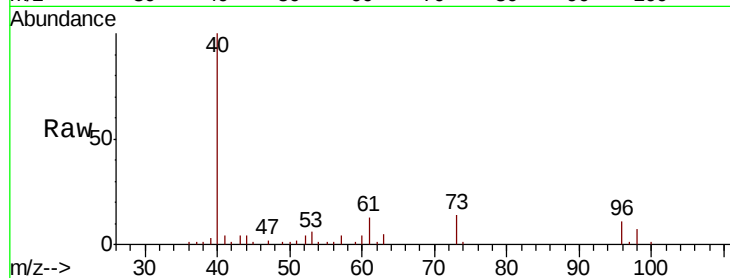
Tgt Ion: 96 Resp: 6591

Ion Ratio Lower Upper

96 100

61 120.8 102.8 154.2

98 60.6 50.0 75.0



#22

Diisopropyl ether

Concen: 1.380 ug/l

RT: 5.97 min Scan# 1304

Delta R.T. 0.01 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Tgt Ion: 45 Resp: 19374

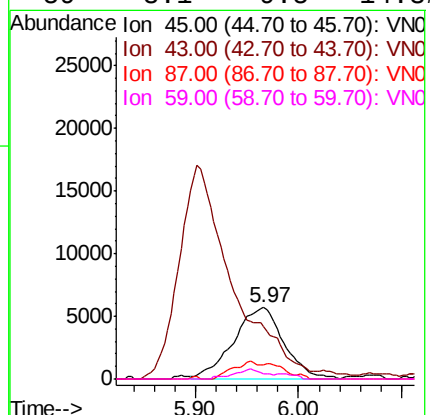
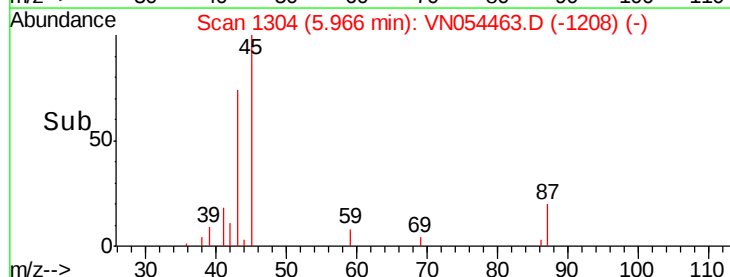
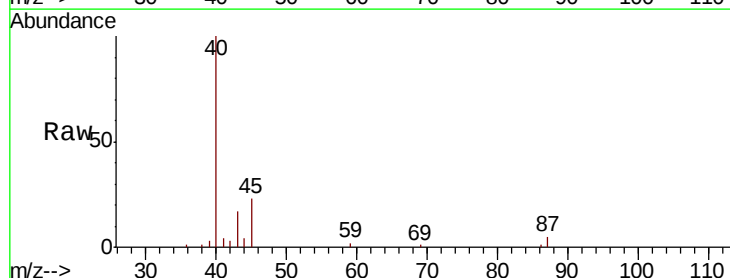
Ion Ratio Lower Upper

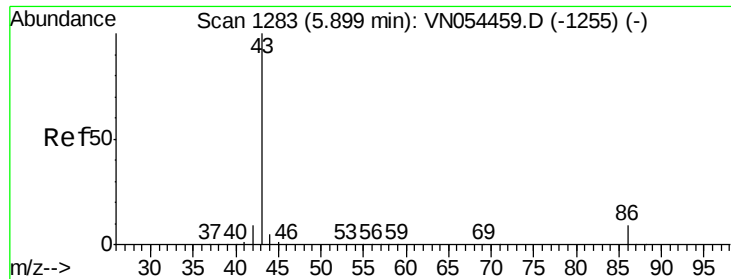
45 100

43 66.6 48.2 72.2

87 19.9 24.9 37.3#

59 8.1 9.5 14.3#

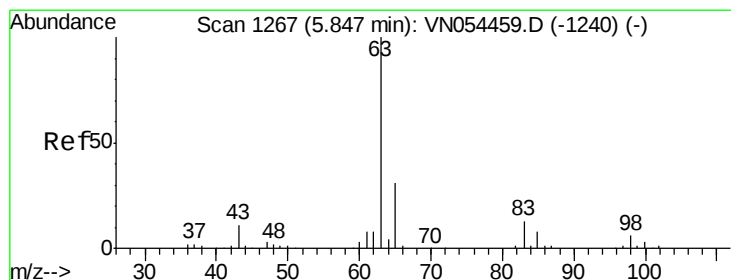
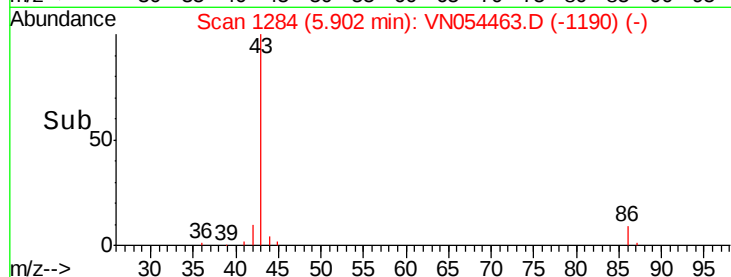
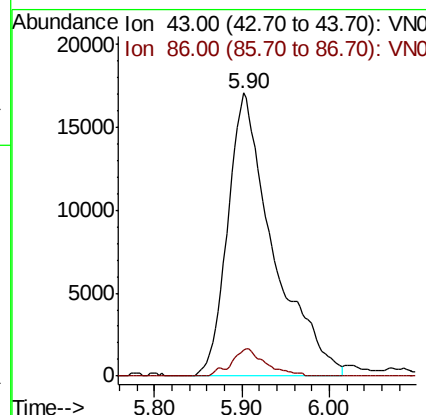
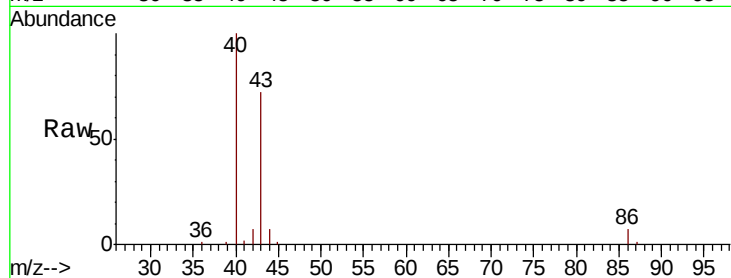




#23
 Vinyl Acetate
 Concen: 5.948 ug/l
 RT: 5.90 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VN054463.D
 Acq: 20 Mar 2019 13:38

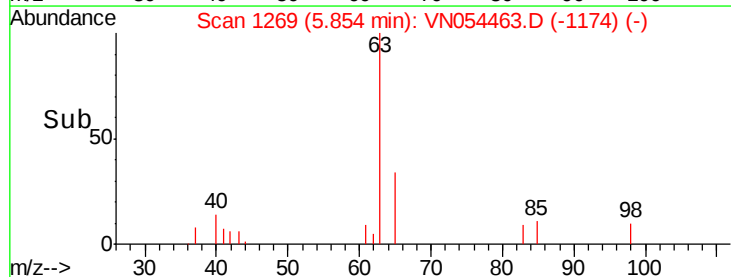
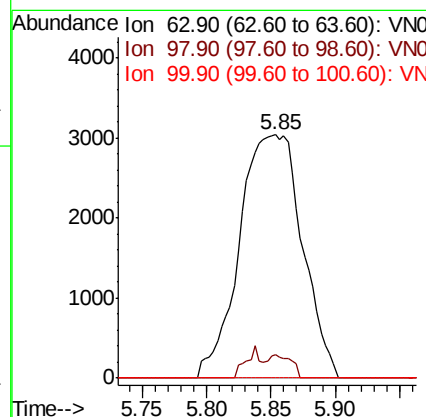
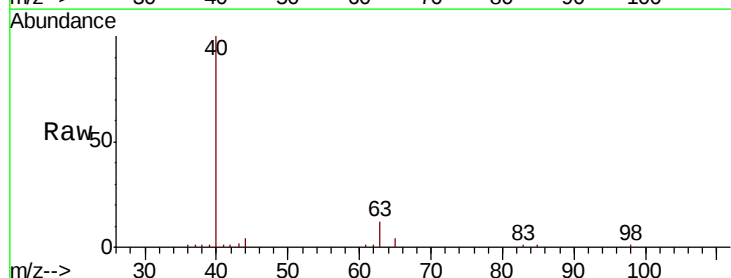
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

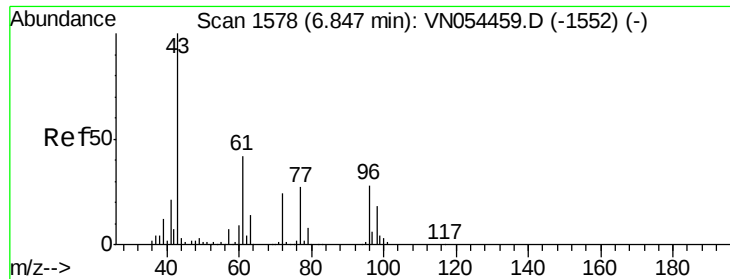
Tgt Ion: 43 Resp: 61555
 Ion Ratio Lower Upper
 43 100
 86 9.3 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 1.140 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VN054463.D
 Acq: 20 Mar 2019 13:38

Tgt Ion: 63 Resp: 10275
 Ion Ratio Lower Upper
 63 100
 98 9.7 3.5 10.5
 100 0.0 2.0 6.0#

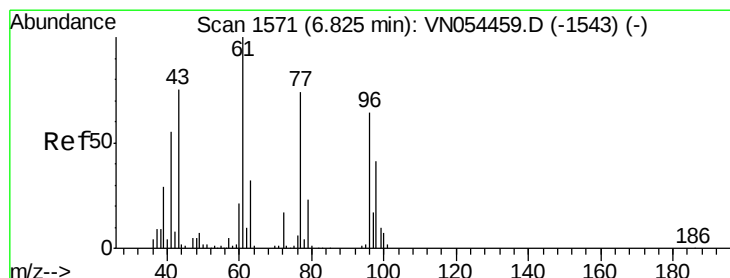
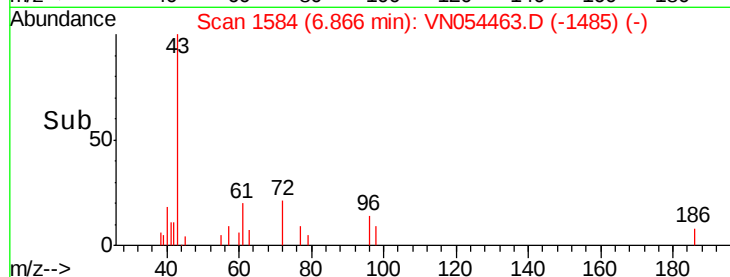
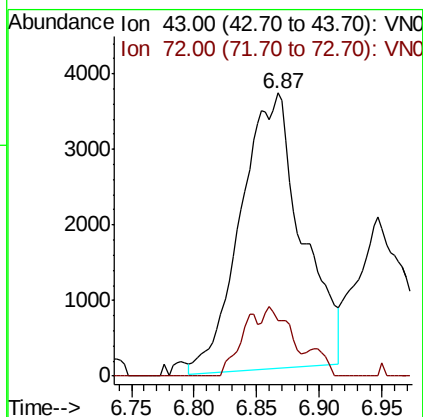
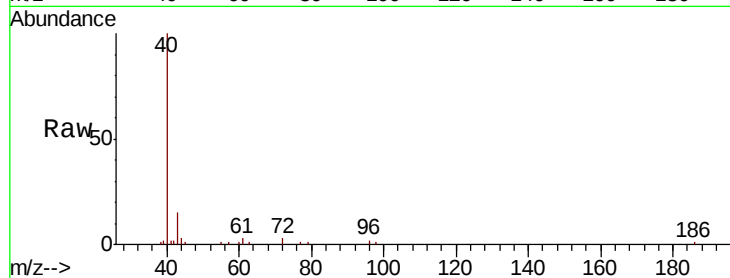




#25
 2-Butanone
 Concen: 6.574 ug/l
 RT: 6.87 min Scan# 1584
 Delta R.T. 0.02 min
 Lab File: VN054463.D
 Acq: 20 Mar 2019 13:38

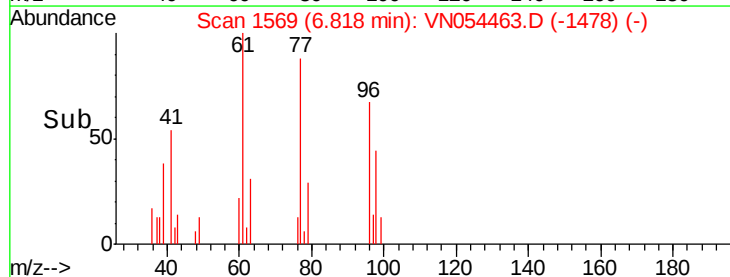
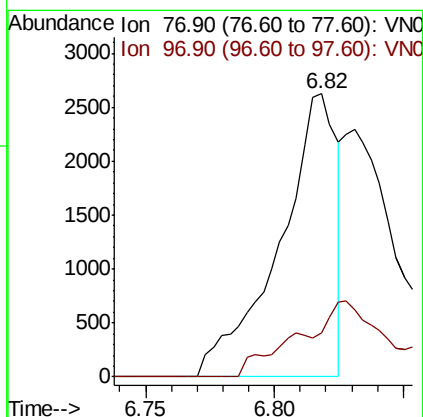
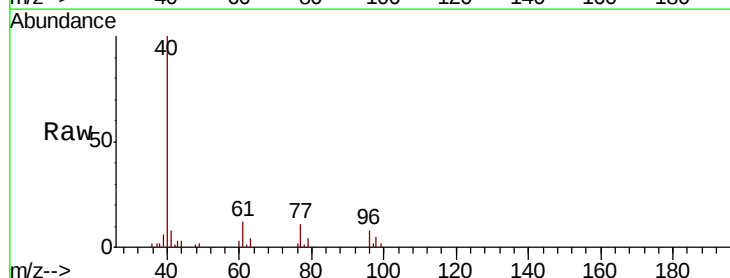
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

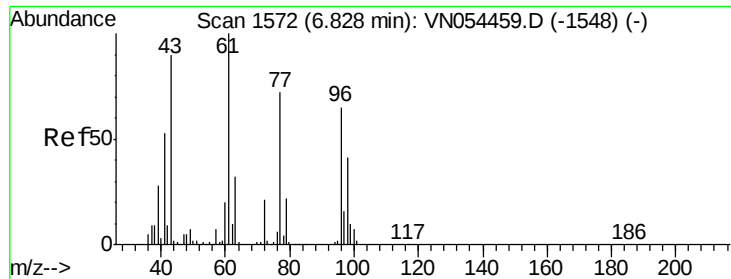
Tgt Ion: 43 Resp: 12378
 Ion Ratio Lower Upper
 43 100
 72 20.7 23.0 34.6#



#26
 2,2-Dichloropropane
 Concen: 0.511 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: VN054463.D
 Acq: 20 Mar 2019 13:38

Tgt Ion: 77 Resp: 4053
 Ion Ratio Lower Upper
 77 100
 97 28.4 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 1.184 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

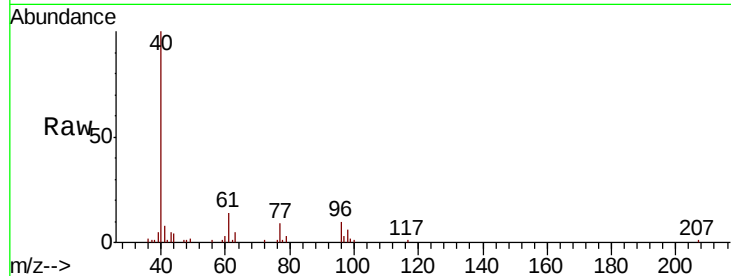
Tgt Ion: 96 Resp: 6937

Ion Ratio Lower Upper

96 100

61 147.7 0.0 273.0

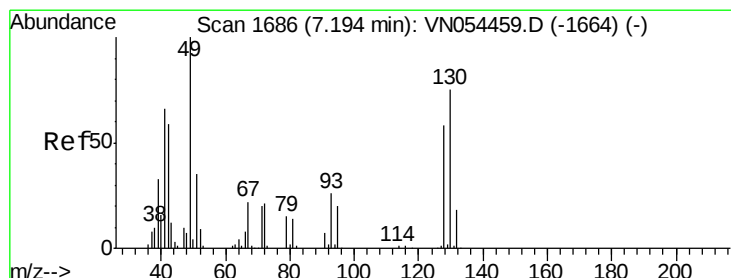
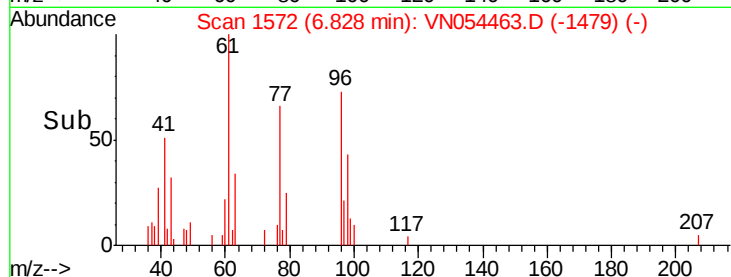
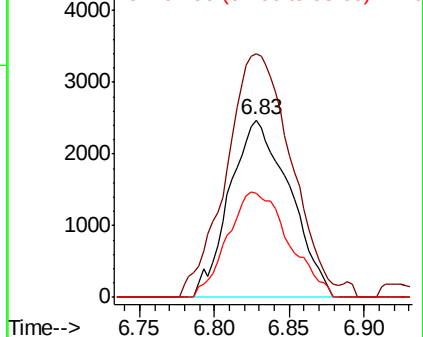
98 60.3 0.0 130.6



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: 1.302 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

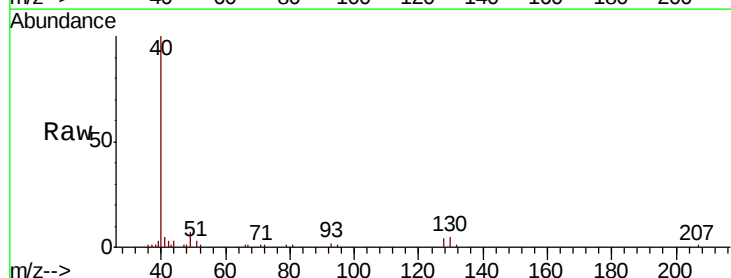
Tgt Ion: 49 Resp: 4798

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

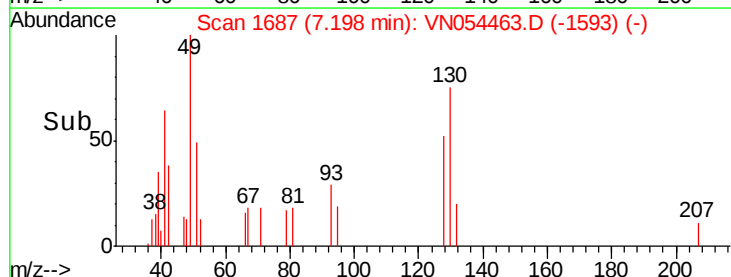
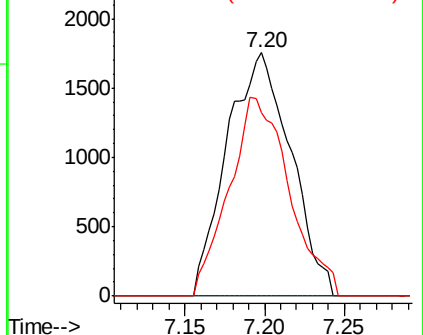
130 77.2 76.7 115.1

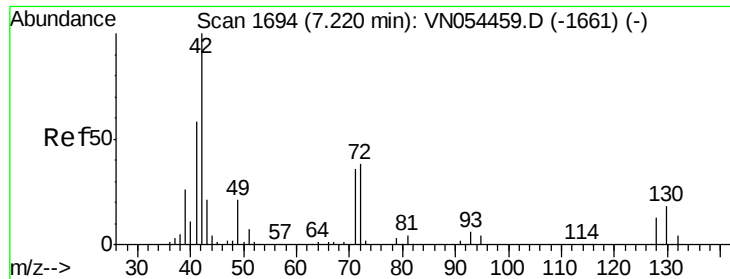


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 7.277 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

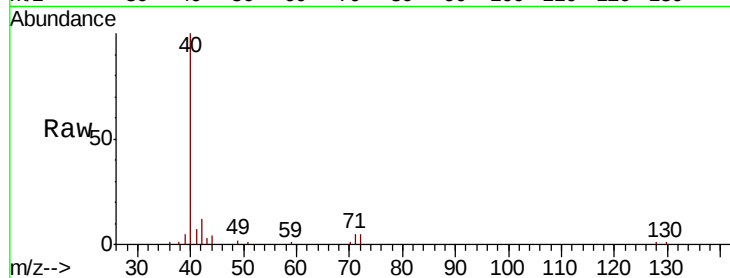
Tgt Ion: 42 Resp: 8810

Ion Ratio Lower Upper

42 100

72 27.7 37.8 56.6#

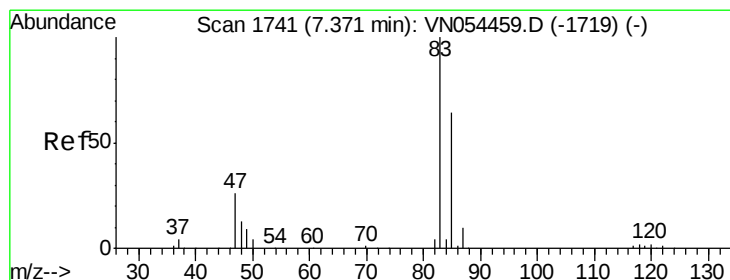
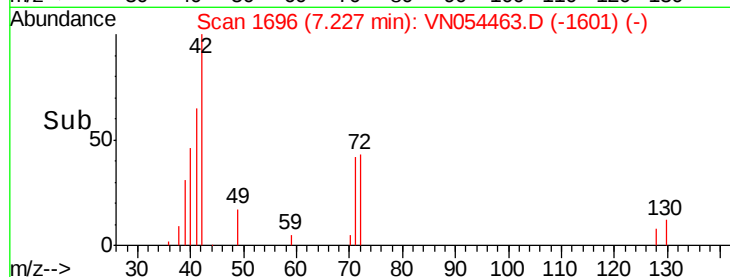
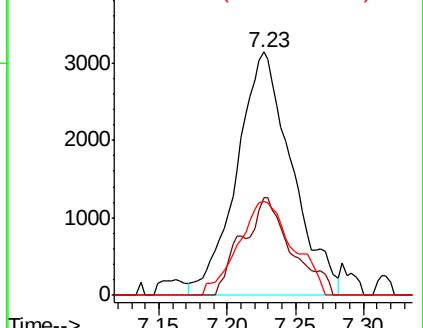
71 38.2 36.2 54.2



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 1.137 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN054463.D

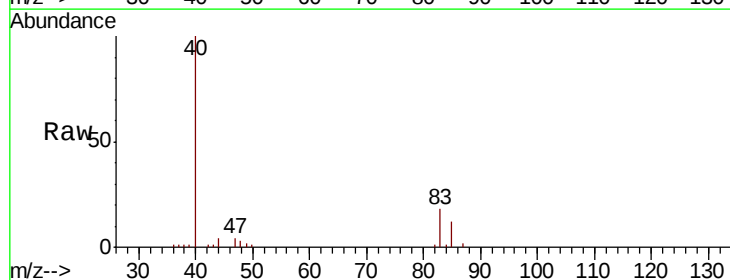
Acq: 20 Mar 2019 13:38

Tgt Ion: 83 Resp: 10695

Ion Ratio Lower Upper

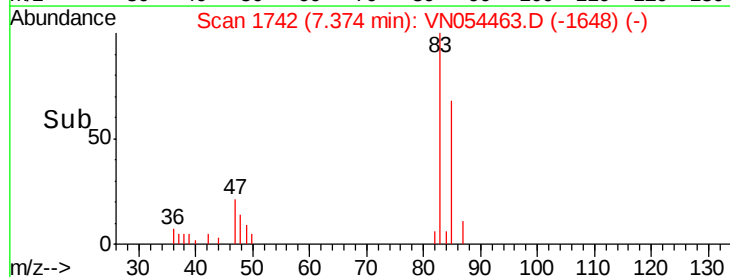
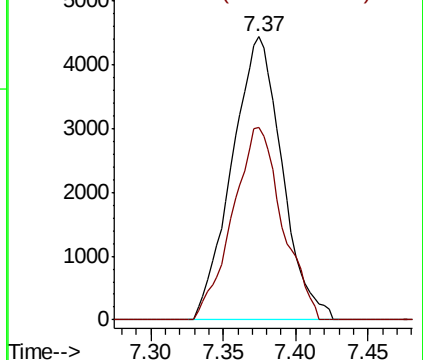
83 100

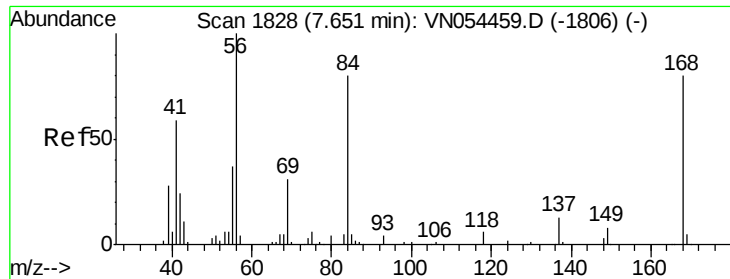
85 68.1 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

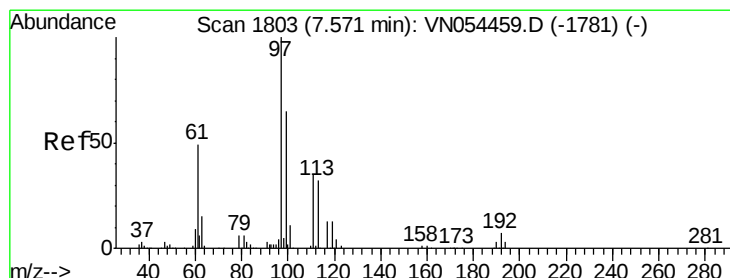
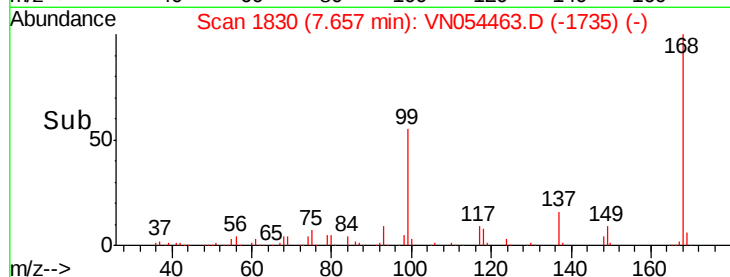
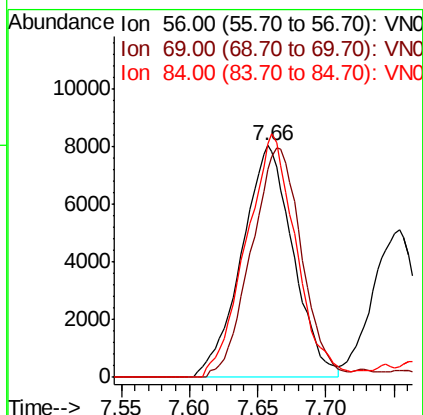
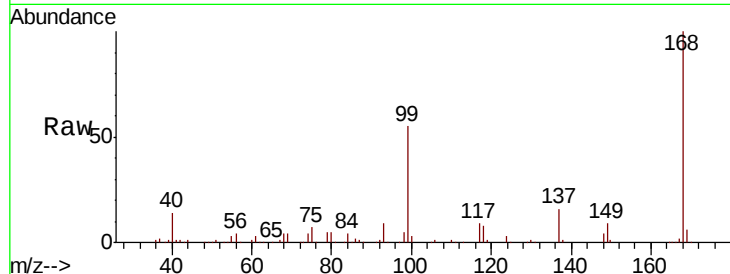




#31
Cyclohexane
Concen: 2.169 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN054463.D
Acq: 20 Mar 2019 13:38

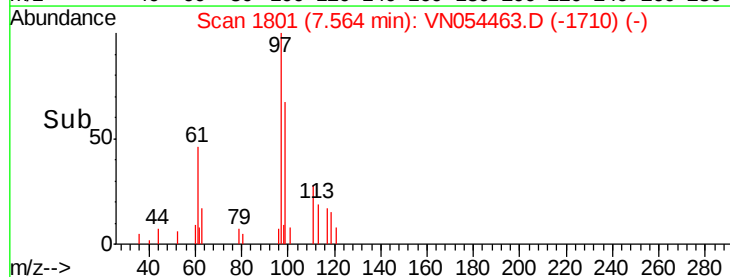
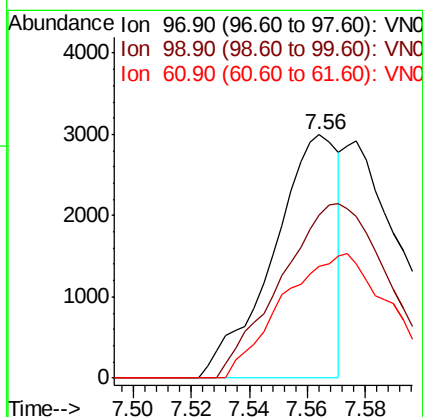
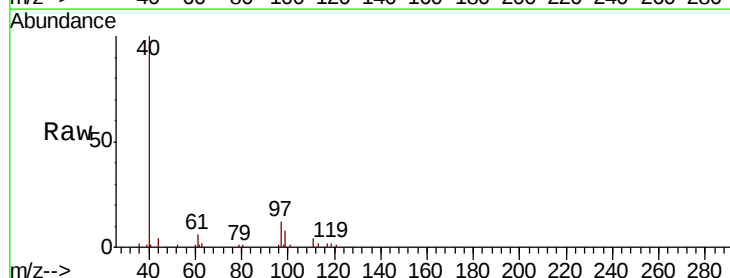
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

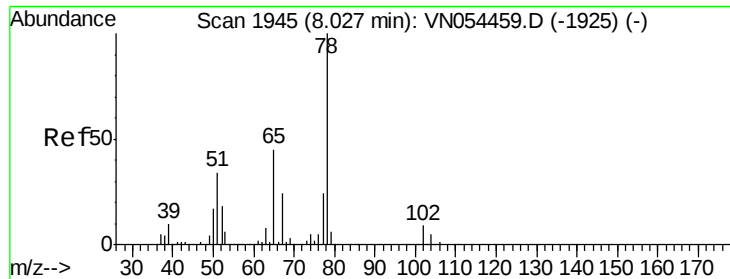
Tgt Ion: 56 Resp: 21045
Ion Ratio Lower Upper
56 100
69 89.4 27.8 41.6#
84 100.8 74.6 111.8



#32
1,1,1-Trichloroethane
Concen: 0.550 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.01 min
Lab File: VN054463.D
Acq: 20 Mar 2019 13:38

Tgt Ion: 97 Resp: 4674
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 84.0 33.6 50.4#

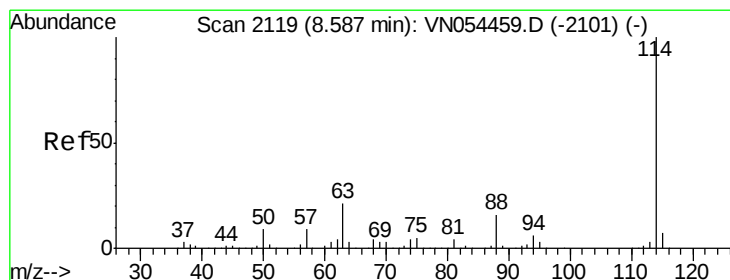
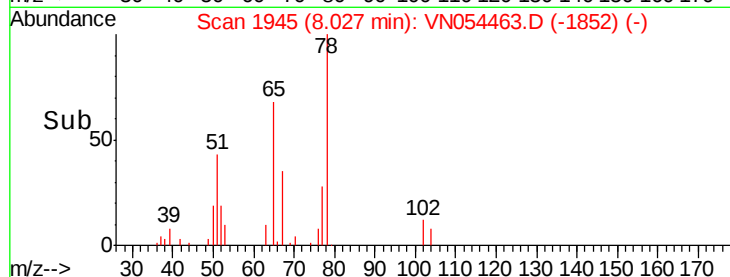
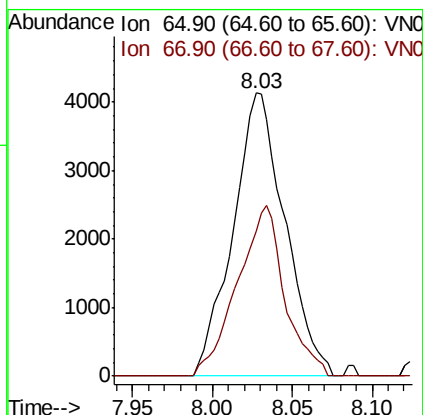
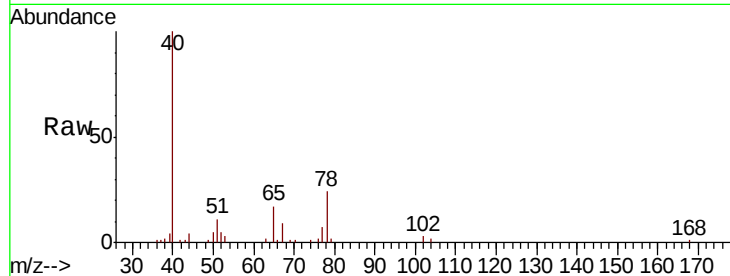




#33
 1,2-Dichloroethane-d4
 Concen: 1.639 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054463.D
 Acq: 20 Mar 2019 13:38

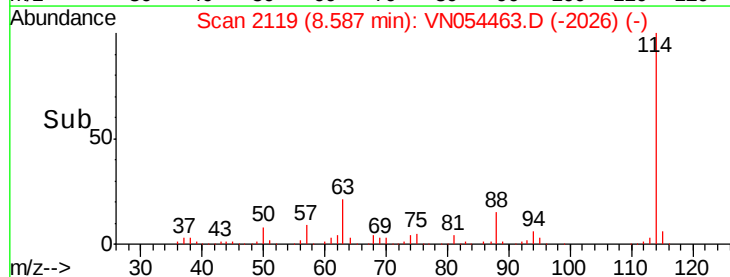
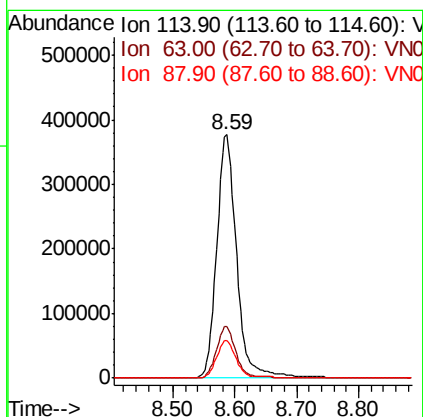
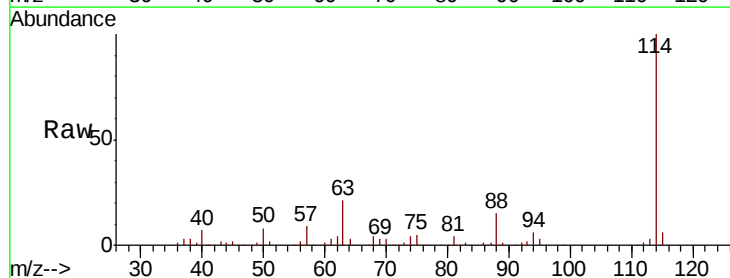
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

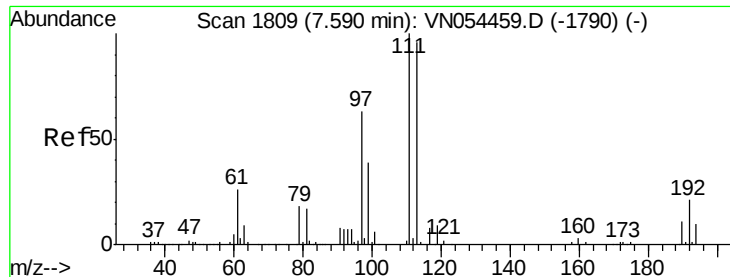
Tgt Ion: 65 Resp: 9183
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054463.D
 Acq: 20 Mar 2019 13:38

Tgt Ion: 114 Resp: 845763
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 35.2
 88 15.4 0.0 30.2

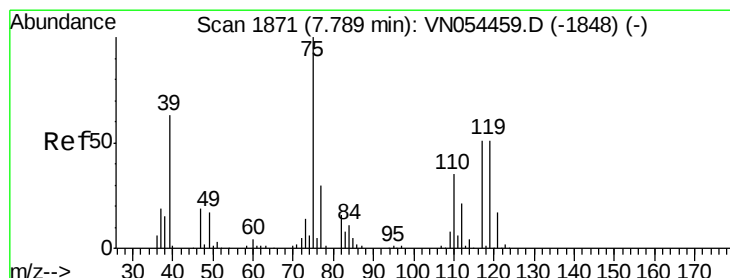
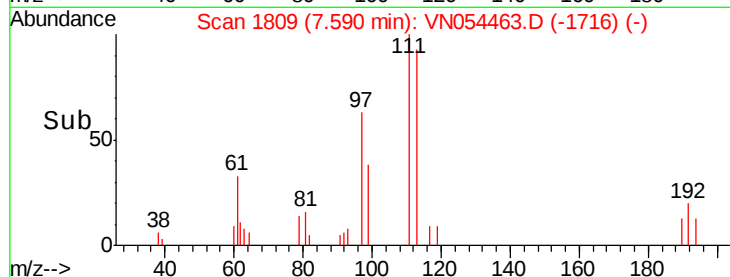
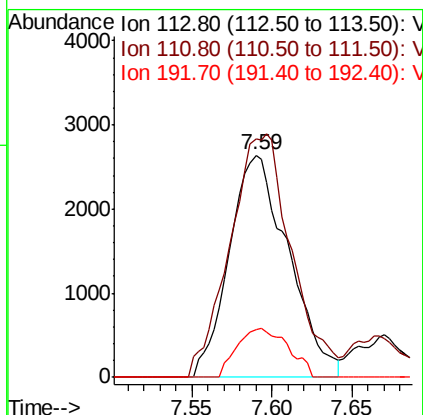
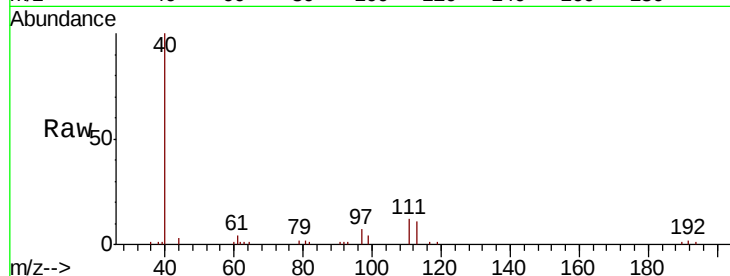




#35
 Dibromofluoromethane
 Concen: 1.232 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054463.D
 Acq: 20 Mar 2019 13:38

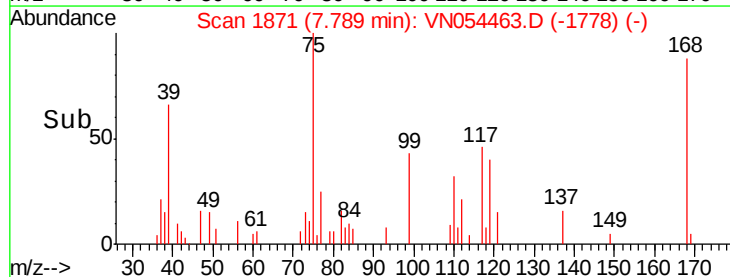
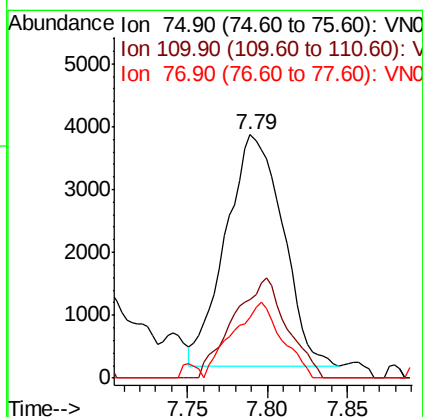
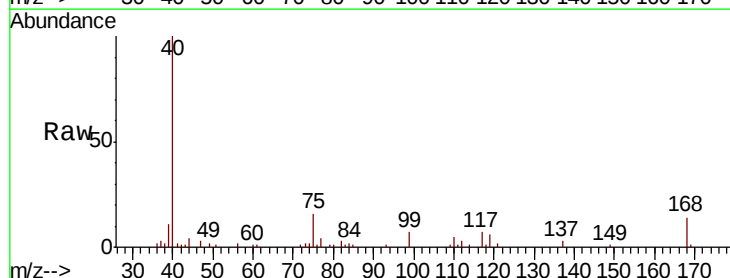
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

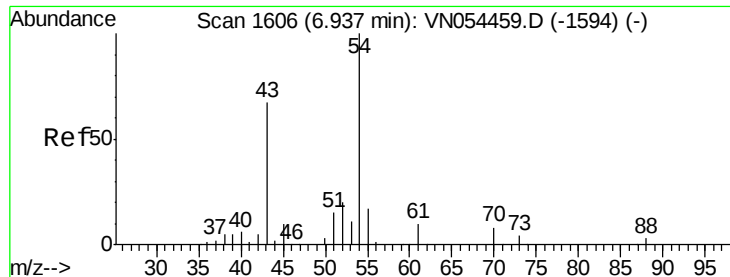
Tgt Ion: 113 Resp: 6721
 Ion Ratio Lower Upper
 113 100
 111 113.2 82.2 123.4
 192 18.8 19.2 28.8#



#36
 1,1-Dichloropropene
 Concen: 1.152 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN054463.D
 Acq: 20 Mar 2019 13:38

Tgt Ion: 75 Resp: 8970
 Ion Ratio Lower Upper
 75 100
 110 40.9 19.1 57.5
 77 28.4 25.0 37.4

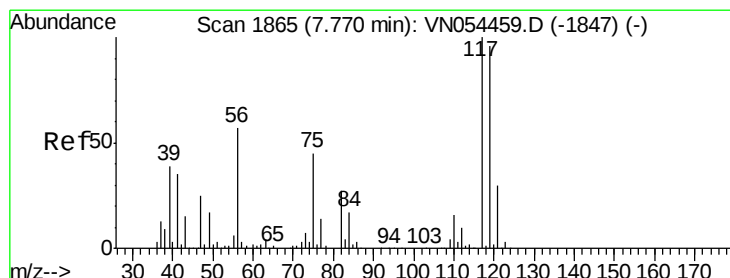
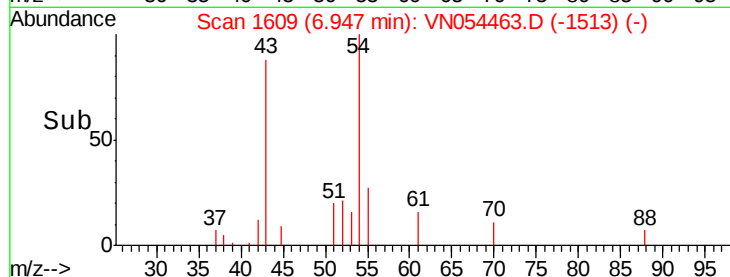
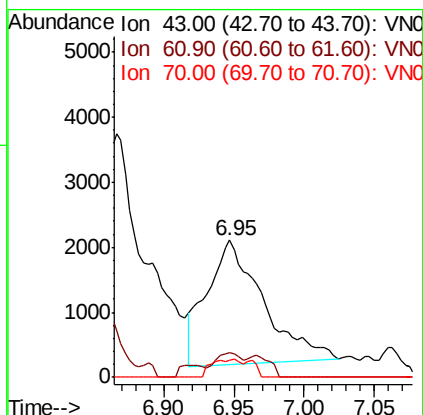
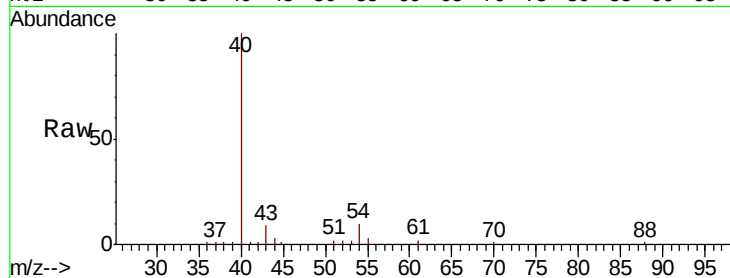




#37
Ethyl Acetate
Concen: 1.177 ug/l
RT: 6.95 min Scan# 1609
Delta R.T. 0.01 min
Lab File: VN054463.D
Acq: 20 Mar 2019 13:38

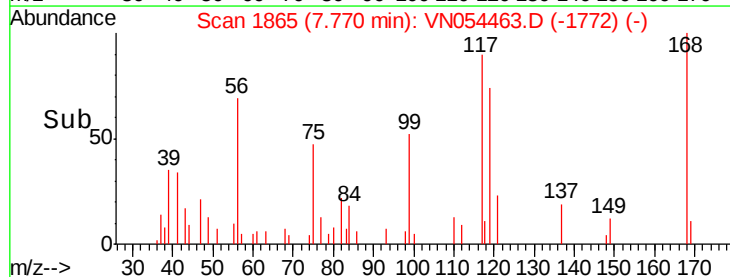
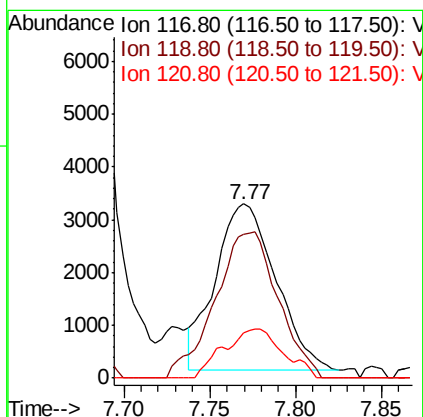
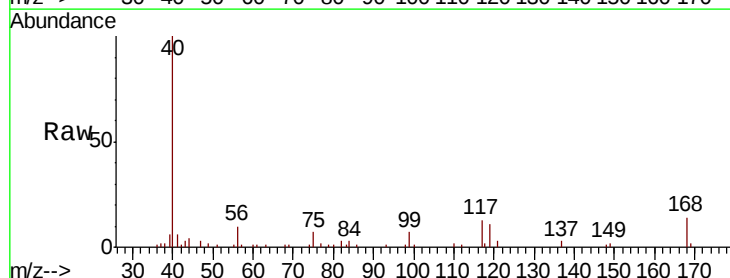
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

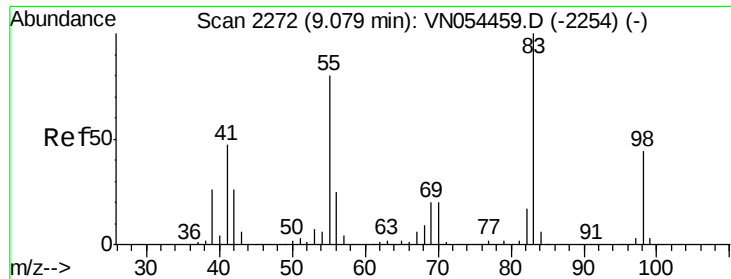
Tgt Ion: 43 Resp: 5266
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 7.8 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 0.946 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN054463.D
Acq: 20 Mar 2019 13:38

Tgt Ion: 117 Resp: 7730
Ion Ratio Lower Upper
117 100
119 86.1 76.3 114.5
121 26.9 24.6 36.8

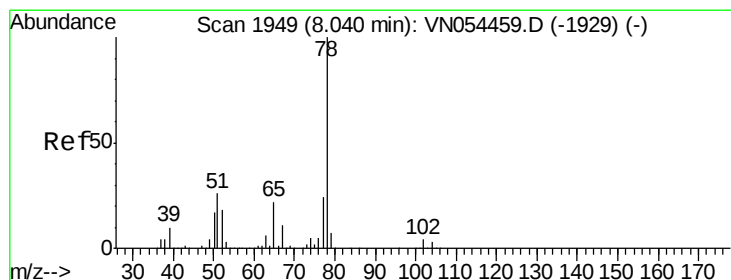
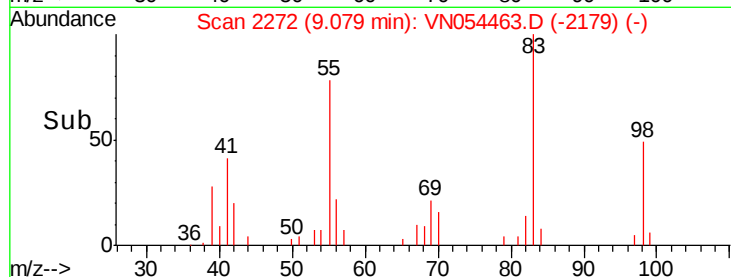
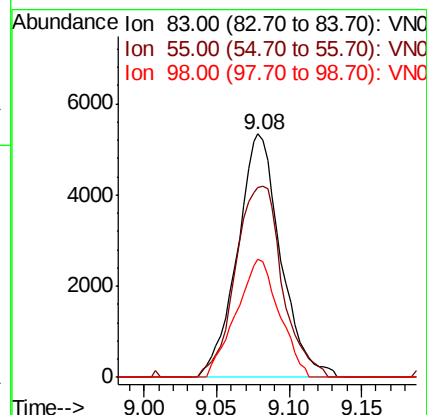
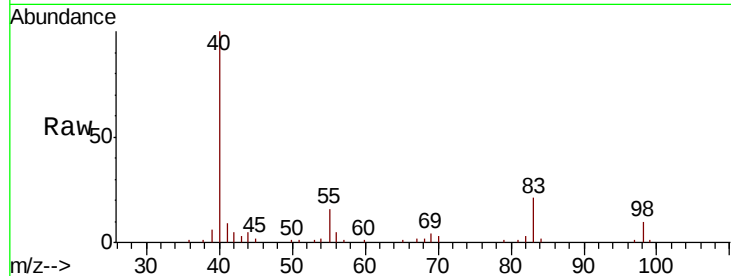




#39
Methylcyclohexane
Concen: 1.153 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN054463.D
Acq: 20 Mar 2019 13:38

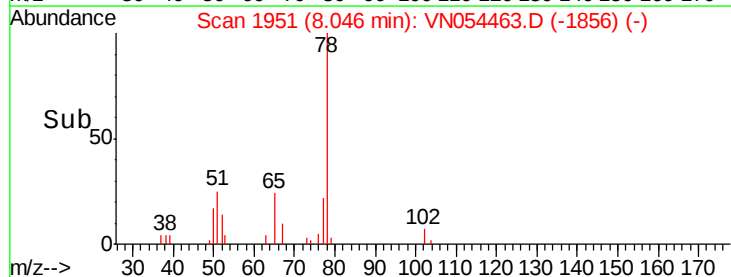
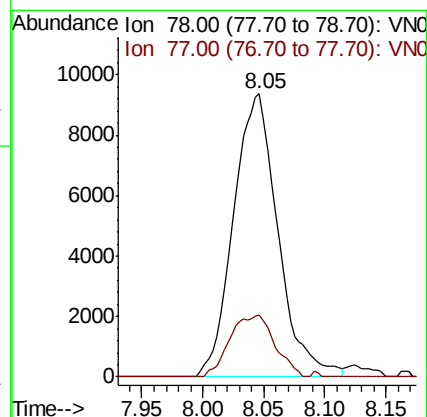
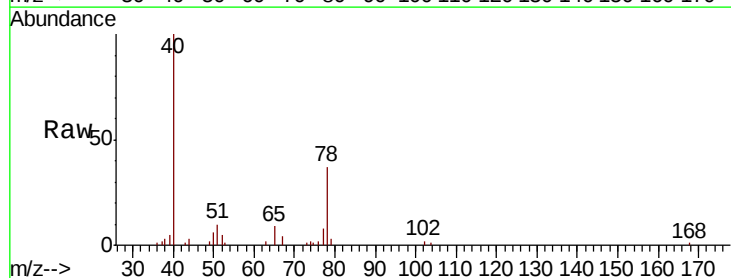
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 11053
Ion Ratio Lower Upper
83 100
55 77.9 56.6 84.8
98 48.6 38.4 57.6



#40
Benzene
Concen: 1.063 ug/l
RT: 8.05 min Scan# 1951
Delta R.T. 0.01 min
Lab File: VN054463.D
Acq: 20 Mar 2019 13:38

Tgt Ion: 78 Resp: 23700
Ion Ratio Lower Upper
78 100
77 21.7 19.1 28.7

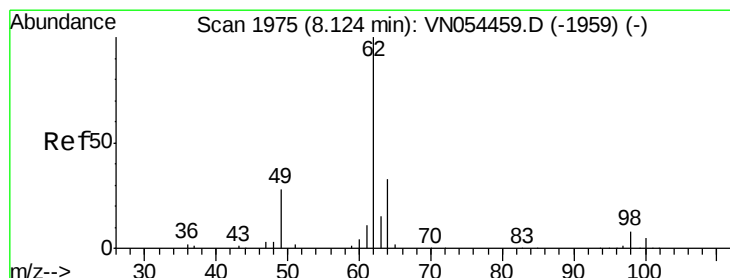
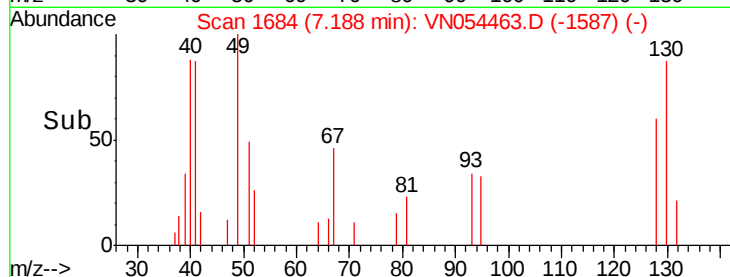
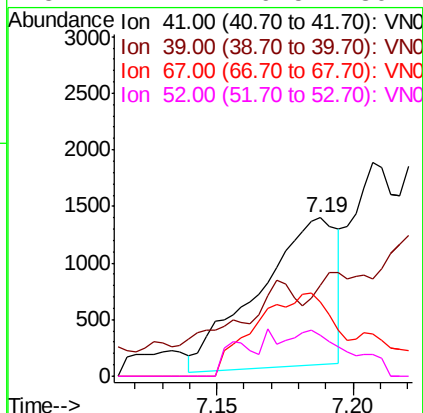
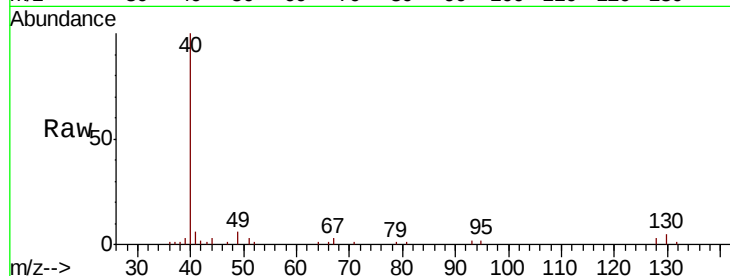




#41
Methacrylonitrile
Concen: 1.025 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VN054463.D
Acq: 20 Mar 2019 13:38

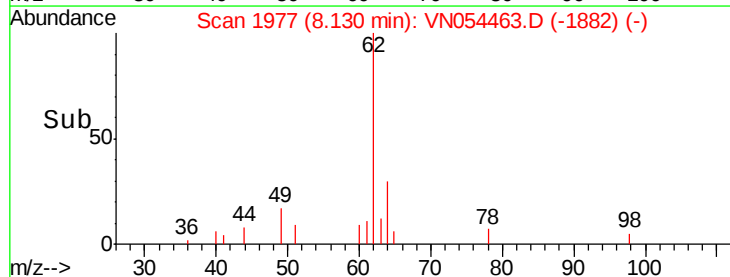
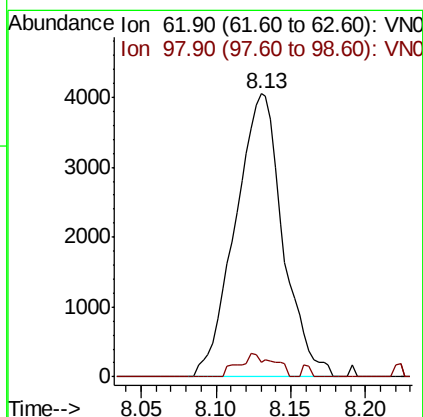
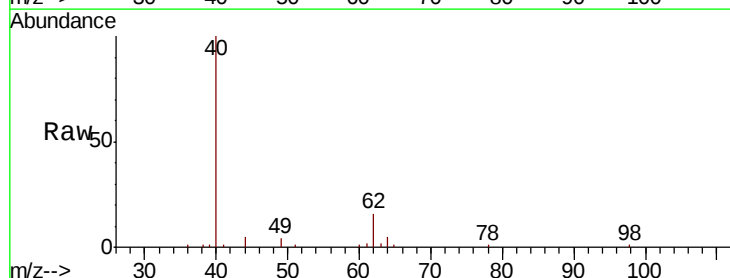
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

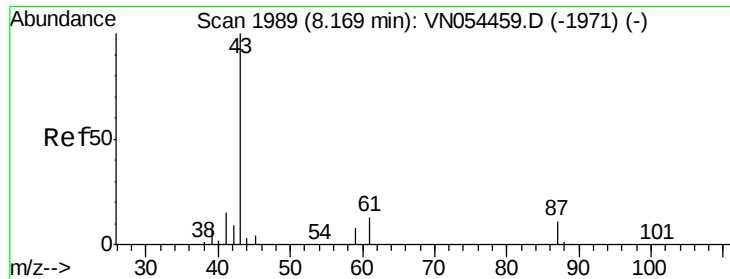
Tgt Ion: 41 Resp: 2619
Ion Ratio Lower Upper
41 100
39 20.6 46.8 70.2#
67 58.2 67.0 100.4#
52 22.1 26.5 39.7#



#42
1,2-Dichloroethane
Concen: 1.190 ug/l
RT: 8.13 min Scan# 1977
Delta R.T. 0.01 min
Lab File: VN054463.D
Acq: 20 Mar 2019 13:38

Tgt Ion: 62 Resp: 8956
Ion Ratio Lower Upper
62 100
98 6.0 0.0 18.4





#43

Isopropyl Acetate

Concen: 1.209 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

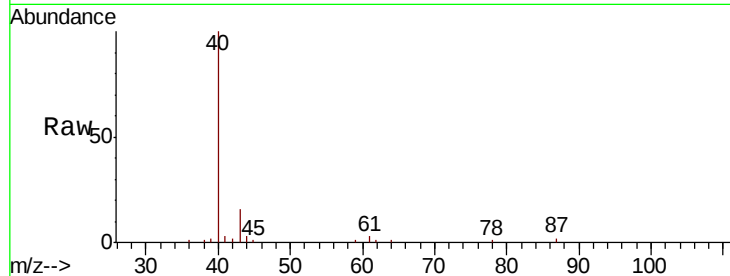
Tgt Ion: 43 Resp: 9494

Ion Ratio Lower Upper

43 100

61 19.1 15.8 23.8

87 5.3 12.0 18.0#

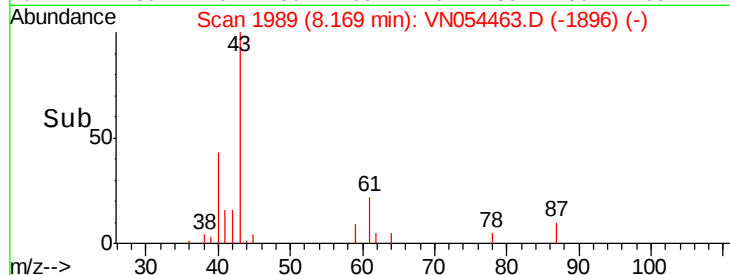


Abundance Ion 43.00 (42.70 to 43.70): VN054459.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN054459.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN054459.D (-1971) (-)

Time-->



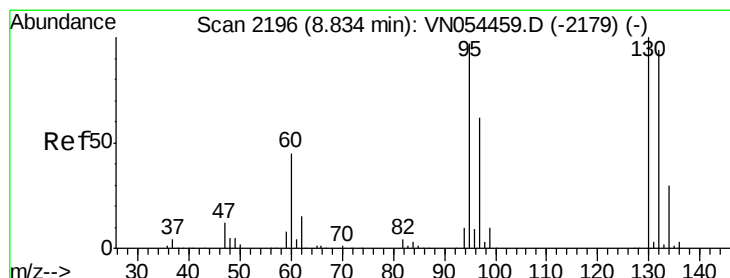
Abundance

Ion 43.00 (42.70 to 43.70): VN054463.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN054463.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN054463.D (-1896) (-)

Time-->



#44

Trichloroethene

Concen: 0.981 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN054463.D

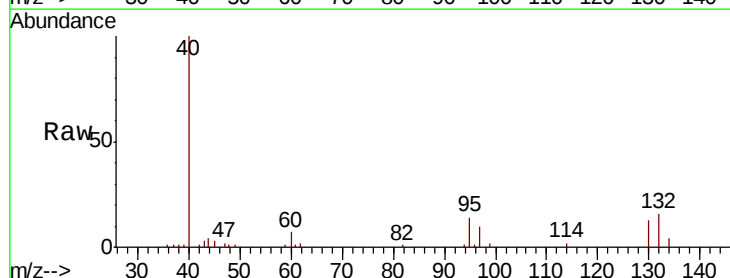
Acq: 20 Mar 2019 13:38

Tgt Ion: 130 Resp: 6794

Ion Ratio Lower Upper

130 100

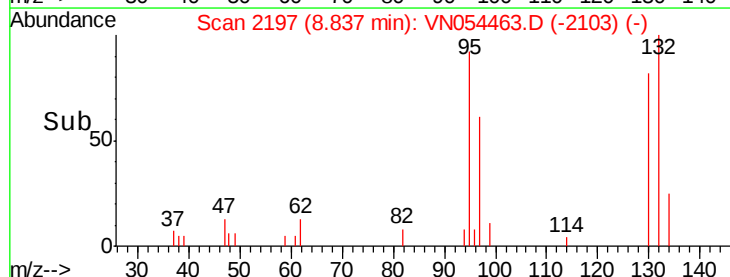
95 112.4 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): VN054459.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN054459.D (-2179) (-)

Time-->

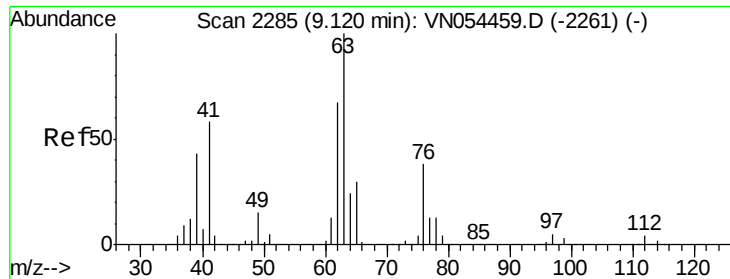


Abundance

Ion 129.80 (129.50 to 130.50): VN054463.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN054463.D (-2103) (-)

Time-->



#45

1,2-Dichloropropane

Concen: 1.190 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

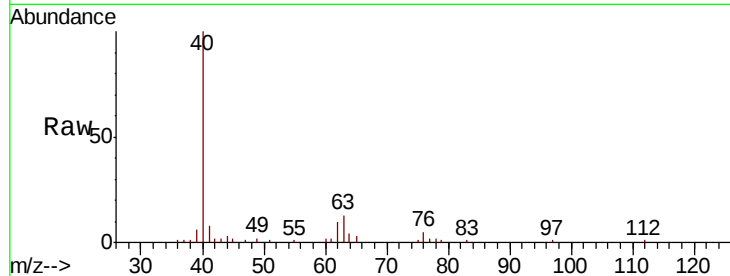
VSTDIC001

Tgt Ion: 63 Resp: 6584

Ion Ratio Lower Upper

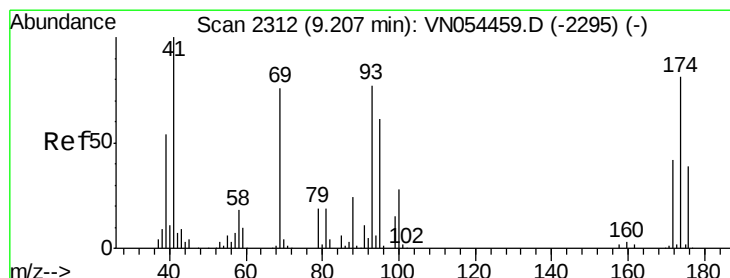
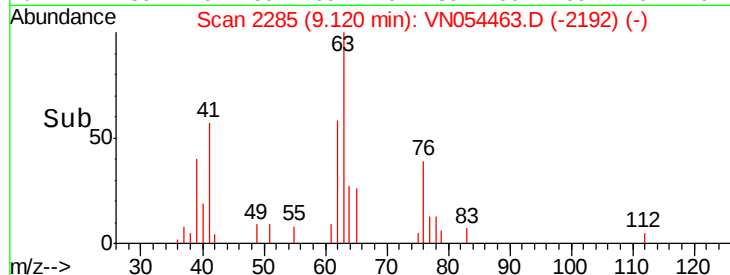
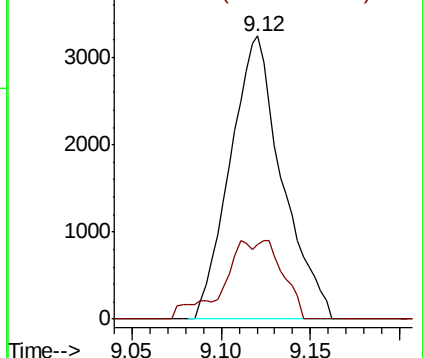
63 100

65 26.2 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 1.084 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

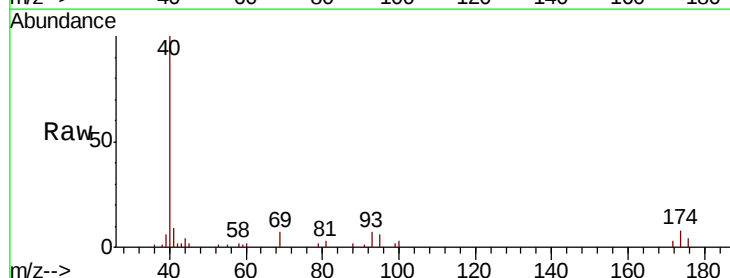
Tgt Ion: 93 Resp: 4052

Ion Ratio Lower Upper

93 100

95 84.7 66.7 100.1

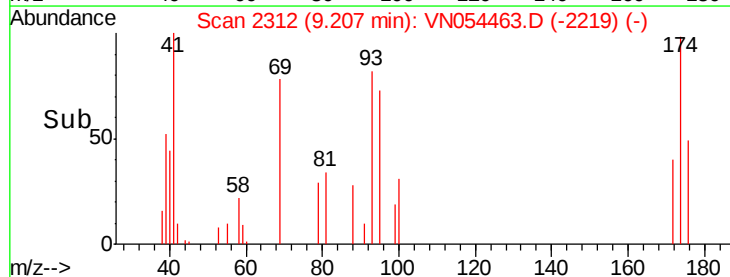
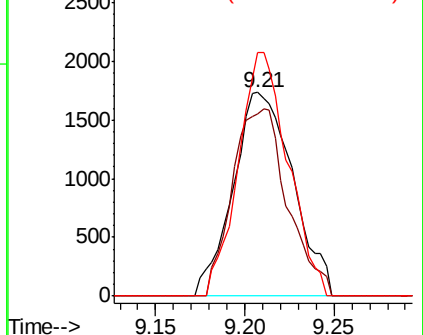
174 99.4 98.5 147.7

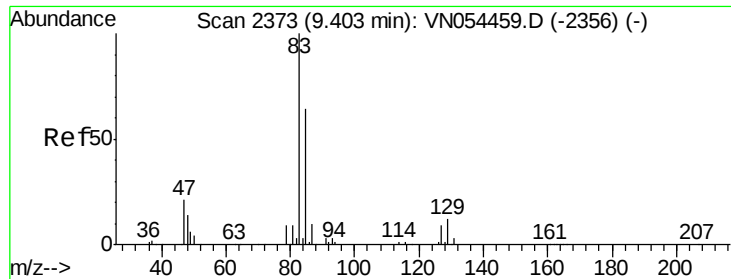


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 0.961 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

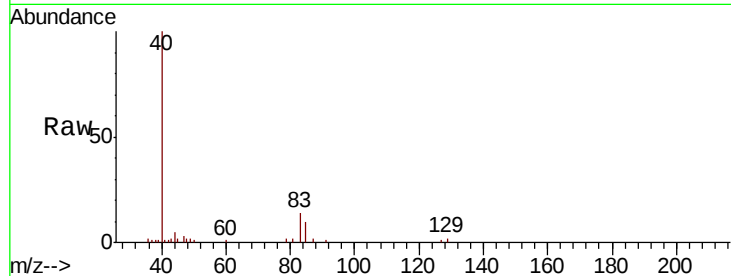
Tgt Ion: 83 Resp: 7205

Ion Ratio Lower Upper

83 100

85 74.2 52.8 79.2

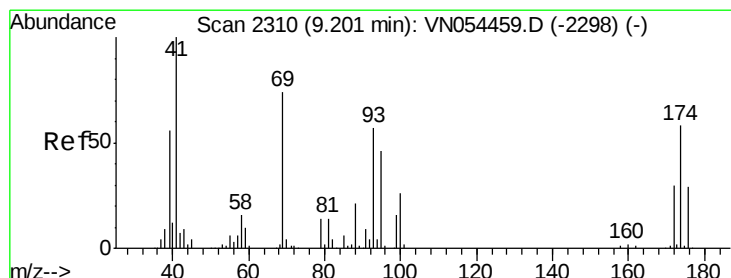
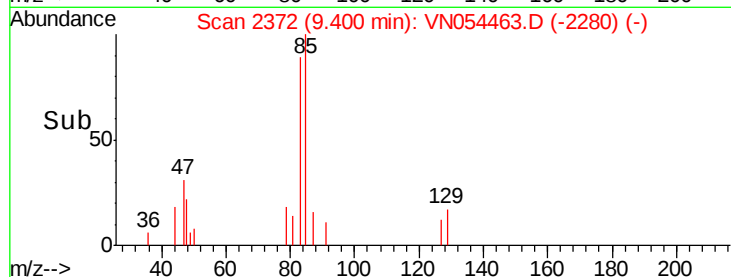
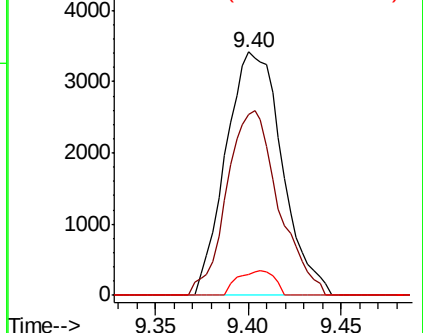
127 8.8 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VN054459.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN054459.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN054459.D (-2356) (-)



#48

Methyl methacrylate

Concen: 1.125 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

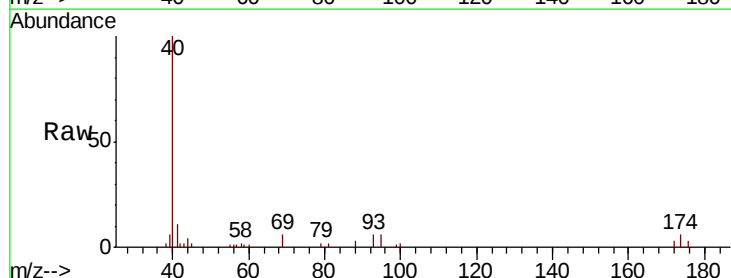
Tgt Ion: 41 Resp: 4486

Ion Ratio Lower Upper

41 100

69 76.9 72.6 108.8

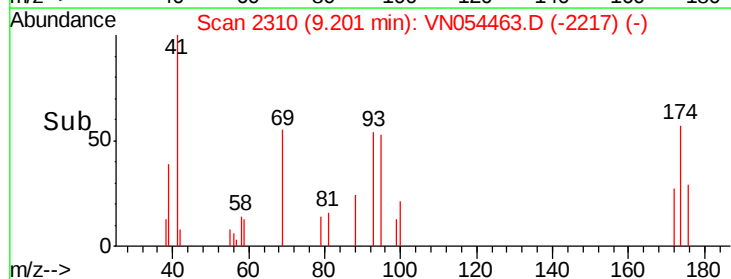
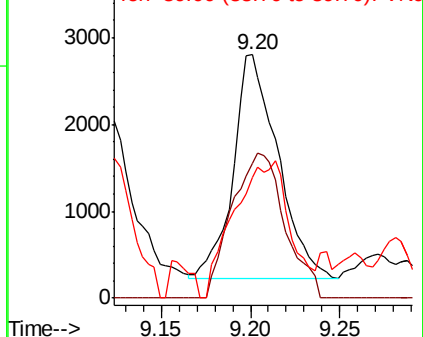
39 77.7 47.5 71.3#

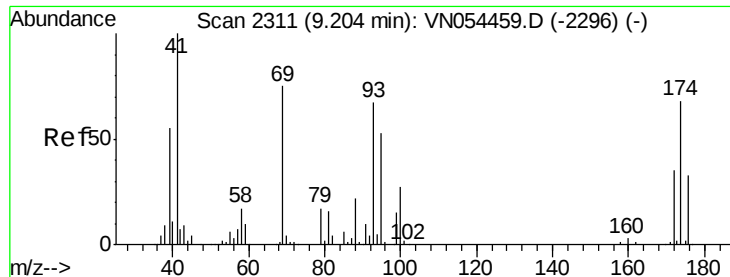


Abundance Ion 41.00 (40.70 to 41.70): VN054459.D (-2298) (-)

Ion 69.00 (68.70 to 69.70): VN054459.D (-2298) (-)

Ion 39.00 (38.70 to 39.70): VN054459.D (-2298) (-)





#49

1,4-Dioxane

Concen: 20.536 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

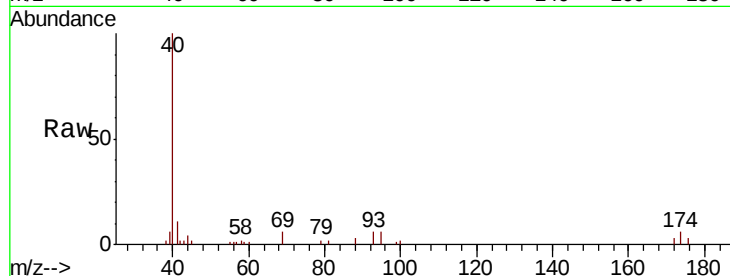
Tgt Ion: 88 Resp: 1158

Ion Ratio Lower Upper

88 100

43 36.2 24.1 36.1#

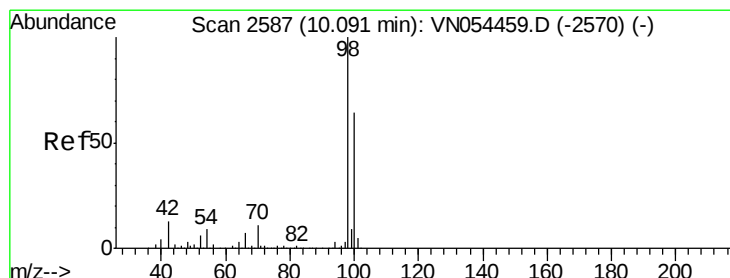
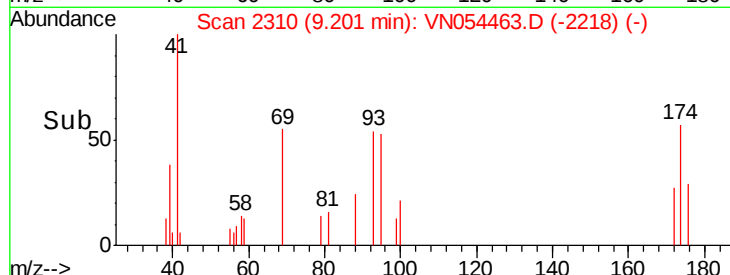
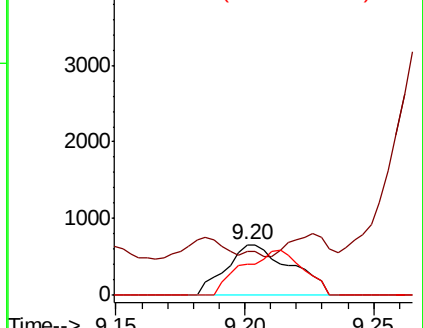
58 0.0 50.8 76.2#



Abundance Ion 88.00 (87.70 to 88.70): VN054459.D (-2296) (-)

Ion 43.00 (42.70 to 43.70): VN054459.D (-2296) (-)

Ion 58.00 (57.70 to 58.70): VN054459.D (-2296) (-)



#50

Toluene-d8

Concen: 1.189 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054463.D

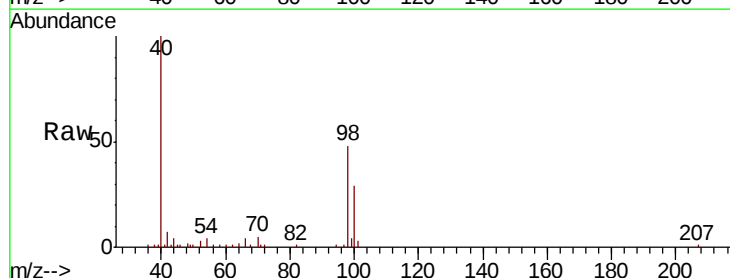
Acq: 20 Mar 2019 13:38

Tgt Ion: 98 Resp: 23946

Ion Ratio Lower Upper

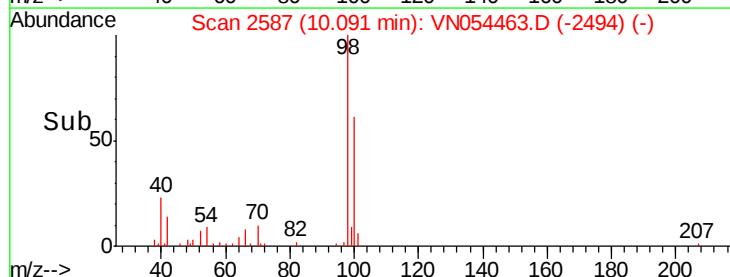
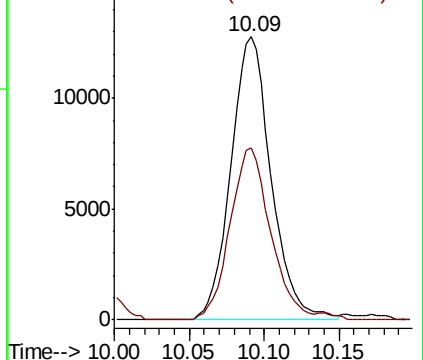
98 100

100 60.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054459.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054459.D (-2570) (-)





#51

4-Methyl-2-Pentanone

Concen: 6.095 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

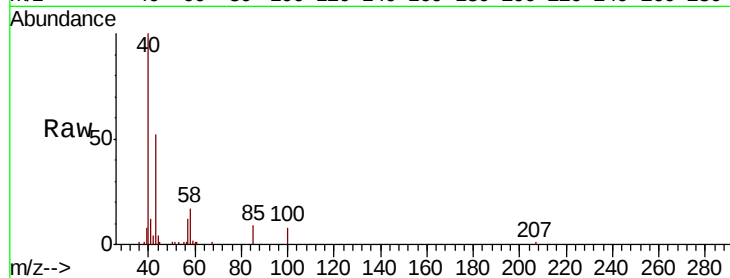
VSTDIC001

Tgt Ion: 43 Resp: 25339

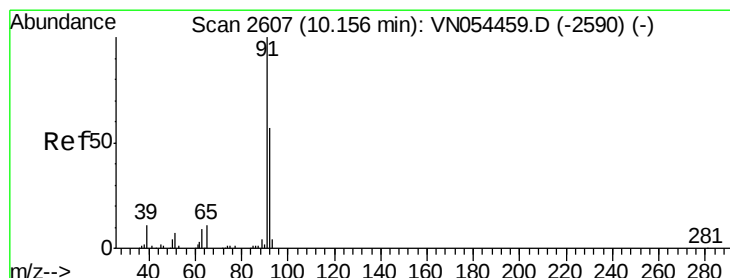
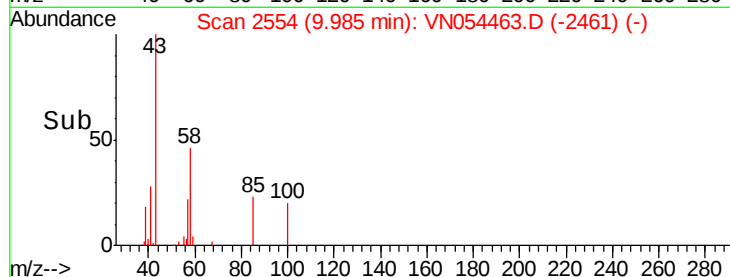
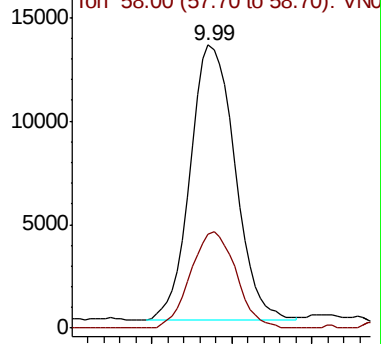
Ion Ratio Lower Upper

43 100

58 35.6 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN054459.D (-2539) (-)



#52

Toluene

Concen: 1.112 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054463.D

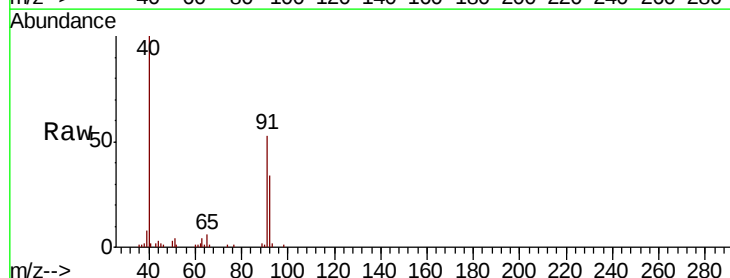
Acq: 20 Mar 2019 13:38

Tgt Ion: 92 Resp: 15717

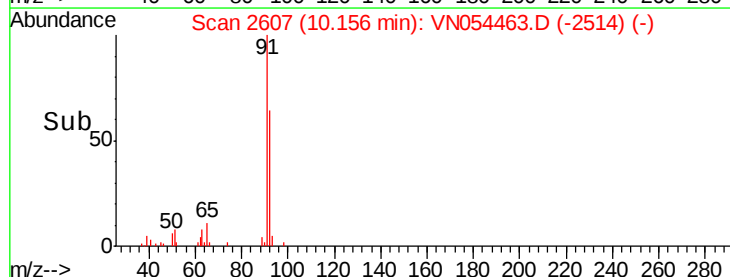
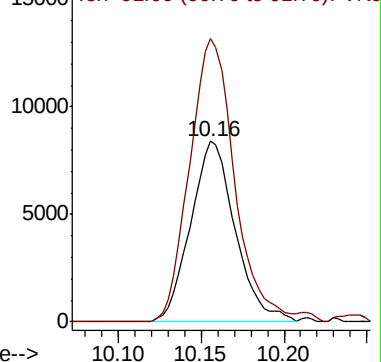
Ion Ratio Lower Upper

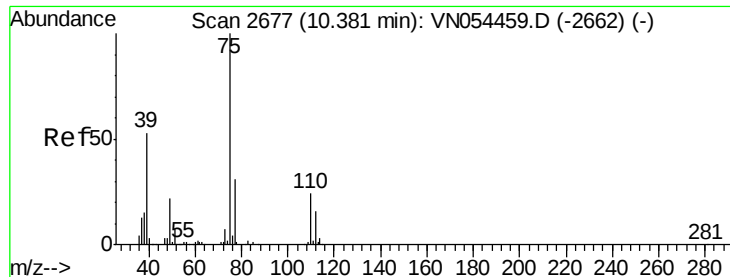
92 100

91 158.1 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN054459.D (-2590) (-)





#53

t-1,3-Dichloropropene

Concen: 0.696 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

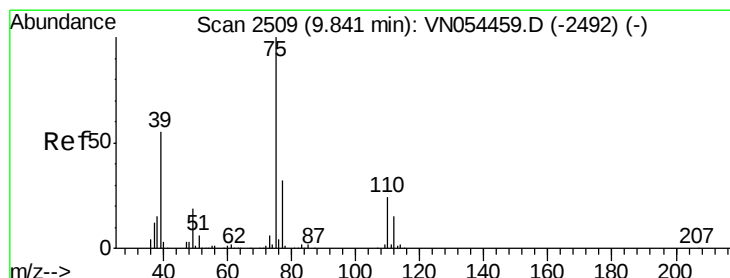
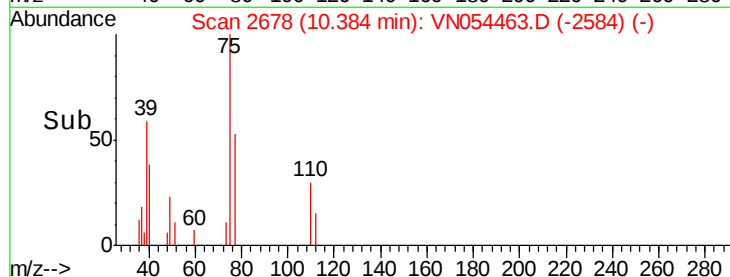
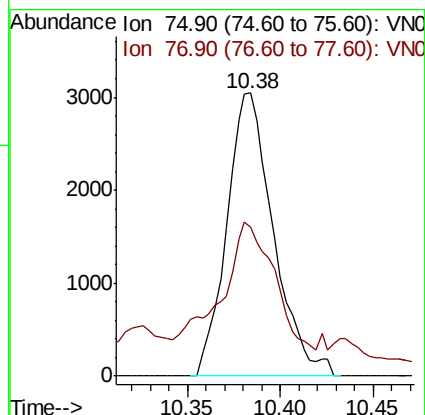
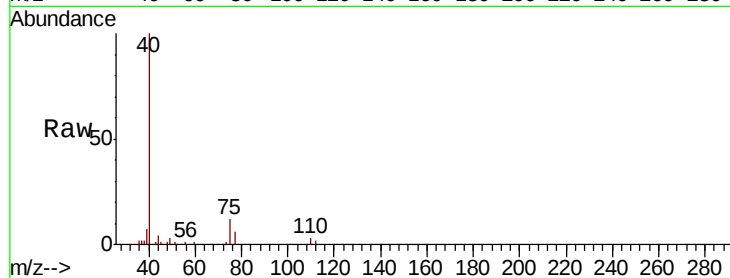
VSTDIC001

Tgt Ion: 75 Resp: 5314

Ion Ratio Lower Upper

75 100

77 39.1 25.8 38.8#



#54

cis-1,3-Dichloropropene

Concen: 0.877 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

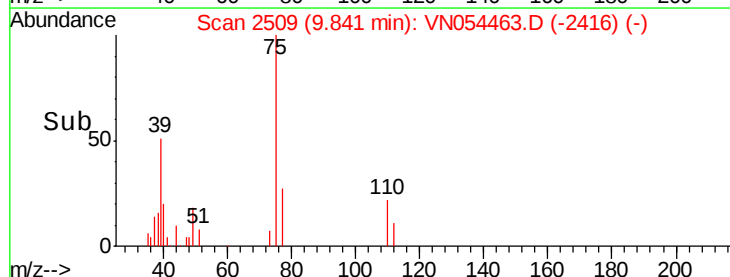
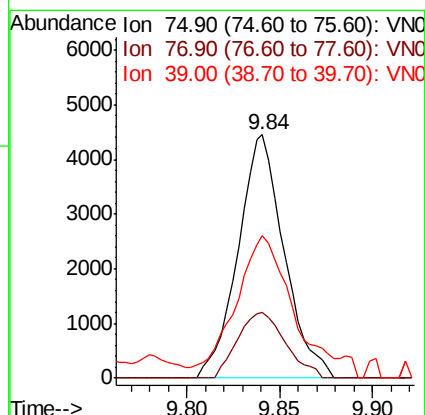
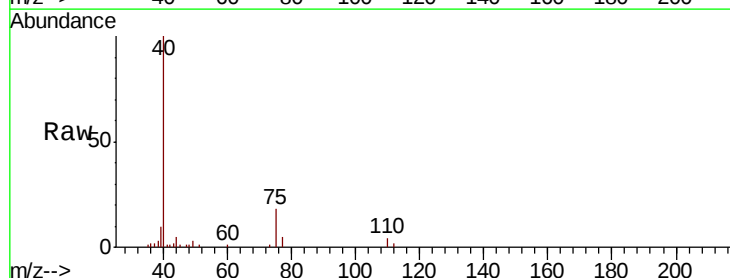
Tgt Ion: 75 Resp: 7665

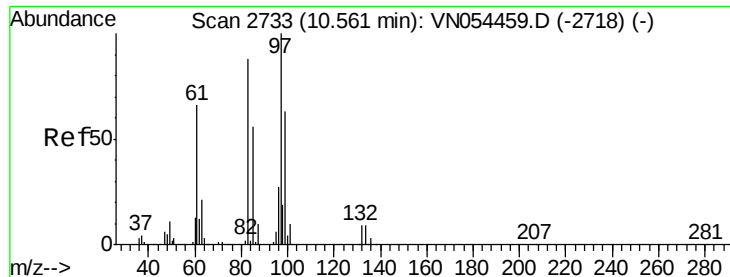
Ion Ratio Lower Upper

75 100

77 27.0 25.4 38.0

39 54.1 37.2 55.8

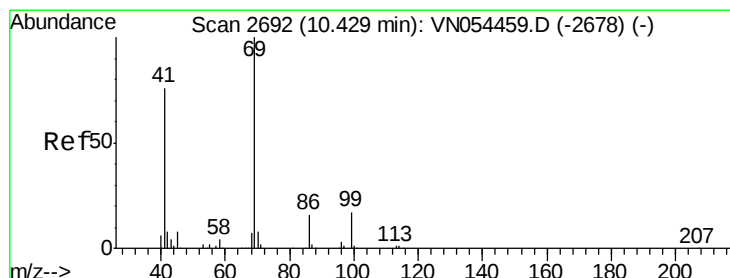
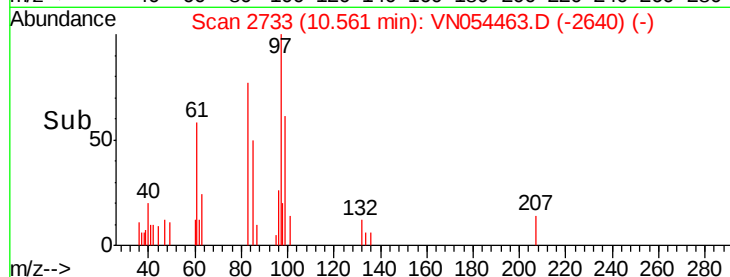
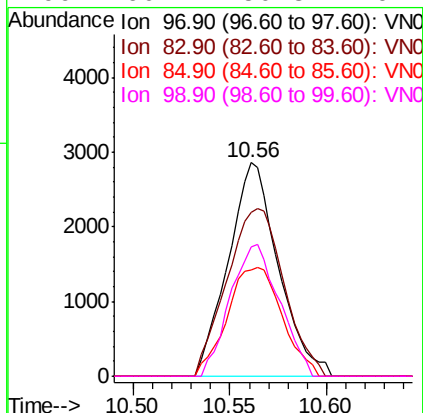
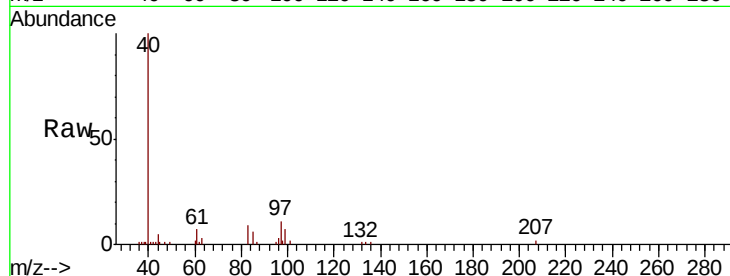




#55
 1,1,2-Trichloroethane
 Concen: 0.997 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN054463.D
 Acq: 20 Mar 2019 13:38

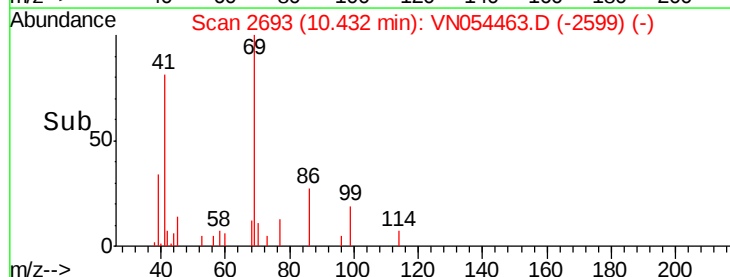
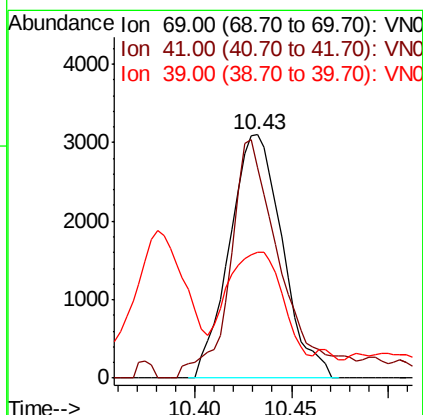
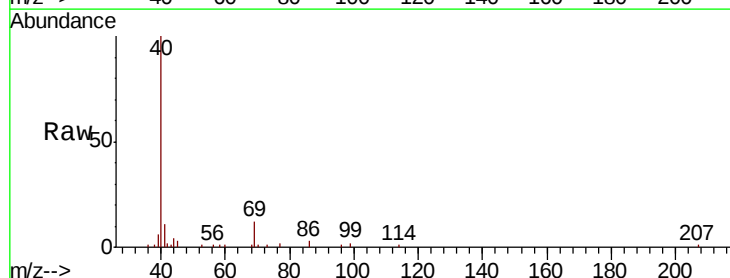
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

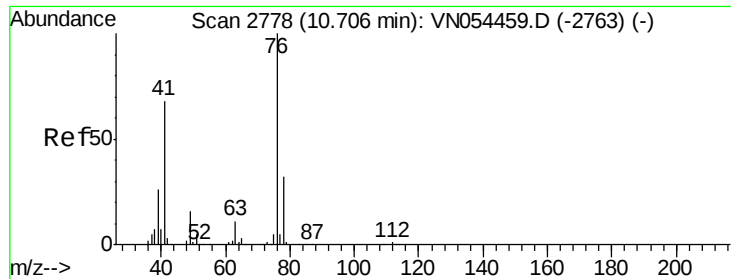
Tgt Ion:	97	Resp:	5145
Ion	Ratio	Lower	Upper
97	100		
83	76.9	66.6	100.0
85	49.7	44.4	66.6
99	60.7	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 0.956 ug/l
 RT: 10.43 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN054463.D
 Acq: 20 Mar 2019 13:38

Tgt Ion:	69	Resp:	5881
Ion	Ratio	Lower	Upper
69	100		
41	93.6	49.4	74.2#
39	45.8	28.3	42.5#

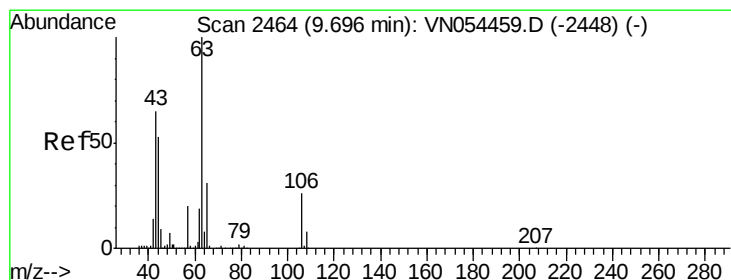
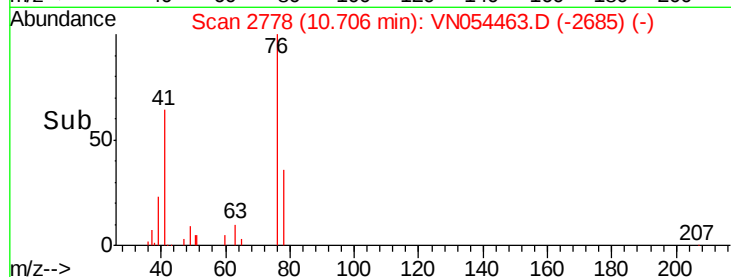
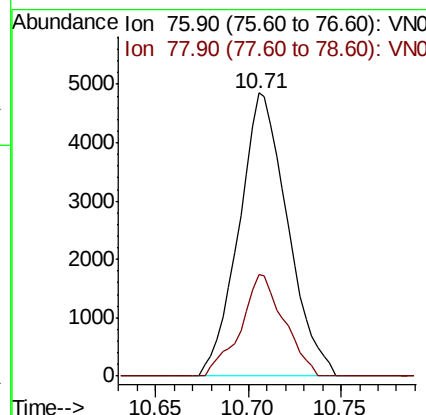
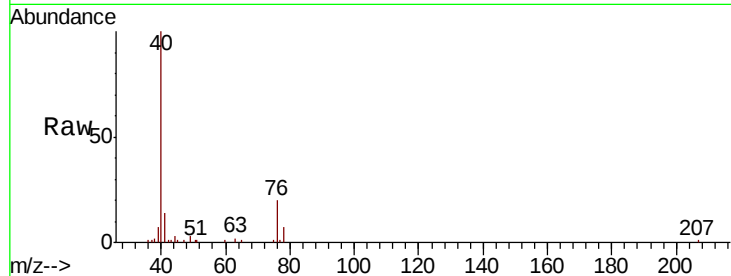




#57
 1,3-Dichloropropane
 Concen: 1.047 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN054463.D
 Acq: 20 Mar 2019 13:38

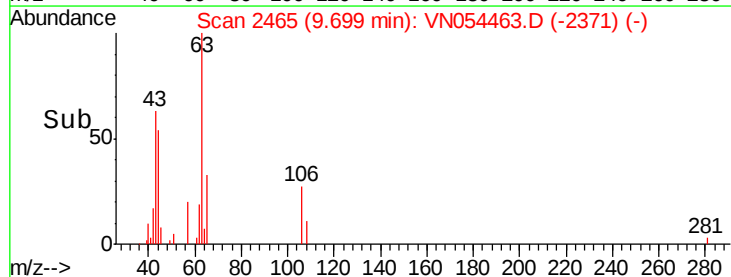
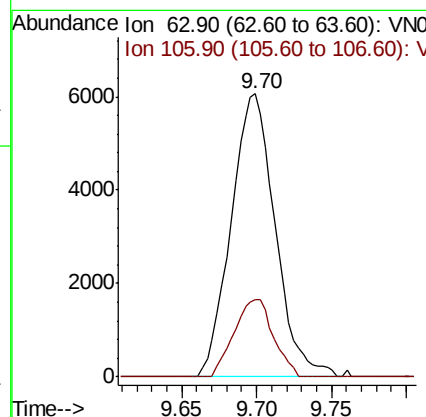
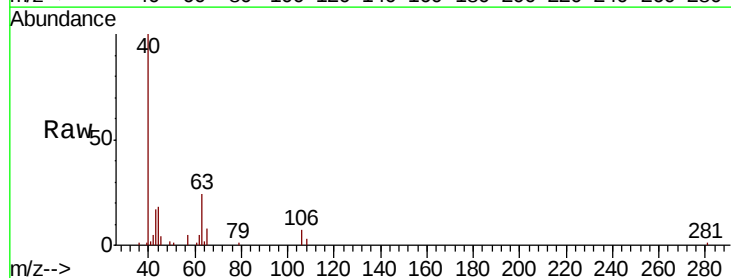
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

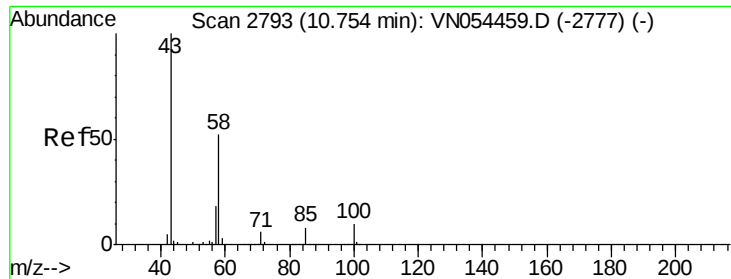
Tgt Ion: 76 Resp: 8837
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 5.327 ug/l
 RT: 9.70 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: VN054463.D
 Acq: 20 Mar 2019 13:38

Tgt Ion: 63 Resp: 12415
 Ion Ratio Lower Upper
 63 100
 106 24.3 24.4 36.6#

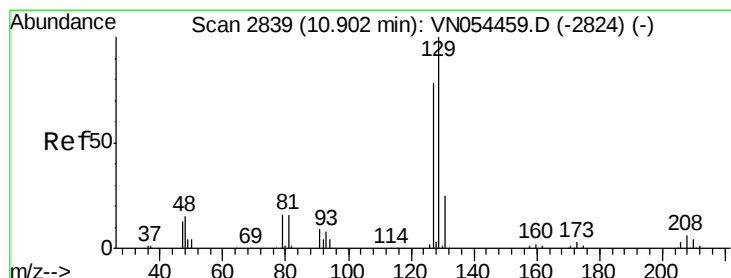
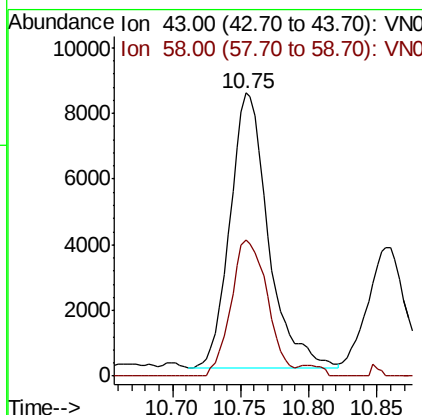
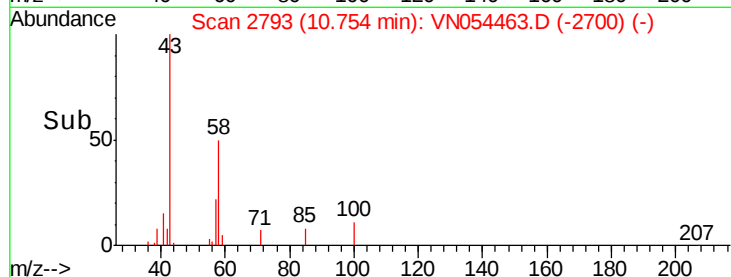
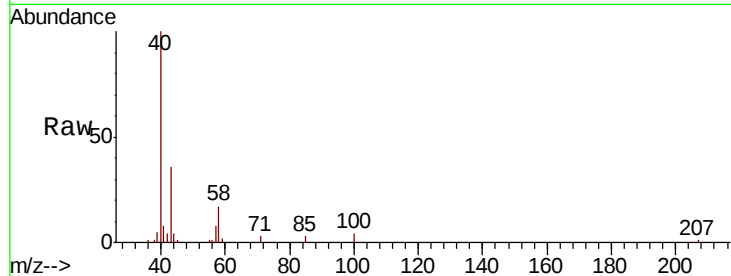




#59
2-Hexanone
Concen: 5.901 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN054463.D
Acq: 20 Mar 2019 13:38

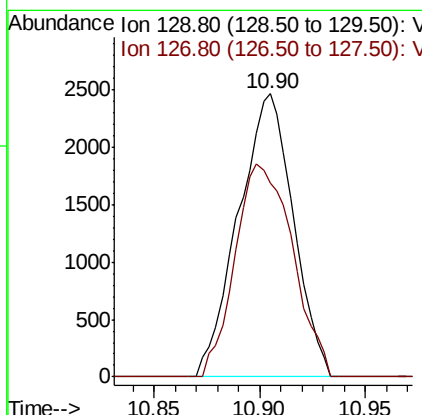
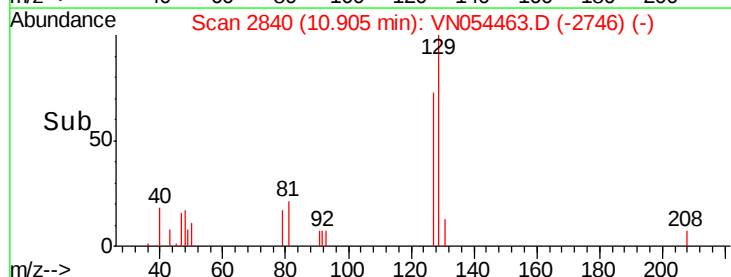
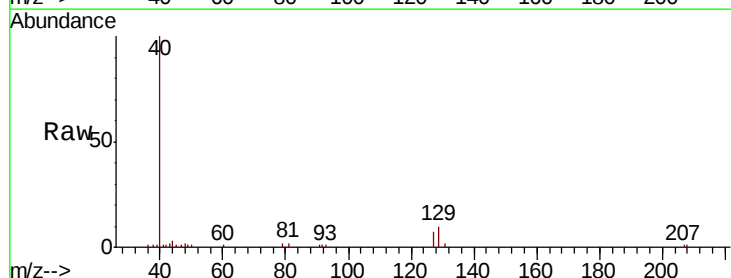
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

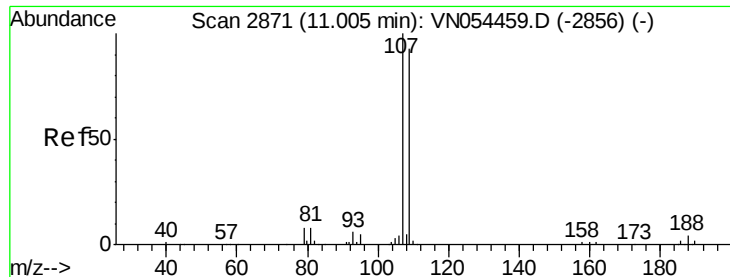
Tgt Ion: 43 Resp: 16323
Ion Ratio Lower Upper
43 100
58 47.0 28.0 83.9



#60
Dibromochloromethane
Concen: 0.769 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN054463.D
Acq: 20 Mar 2019 13:38

Tgt Ion: 129 Resp: 4465
Ion Ratio Lower Upper
129 100
127 78.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 0.954 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

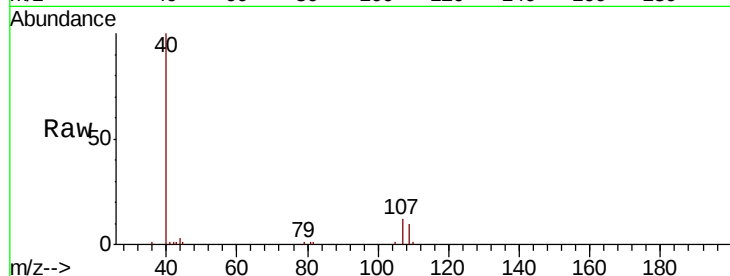
VSTDIC001

Tgt Ion: 107 Resp: 5002

Ion Ratio Lower Upper

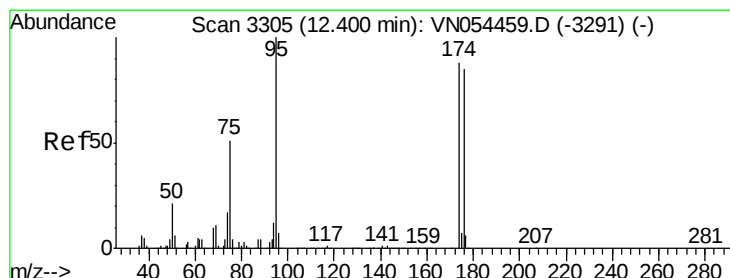
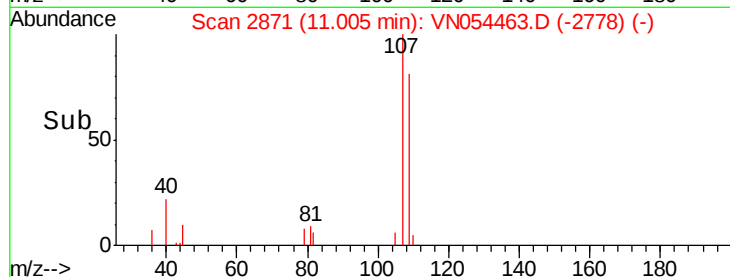
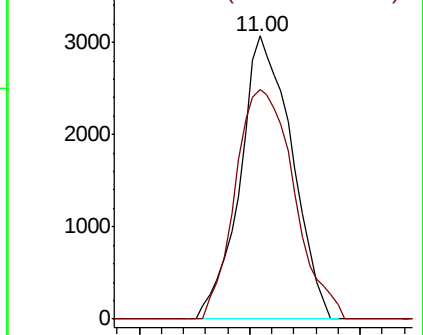
107 100

109 92.3 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.194 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

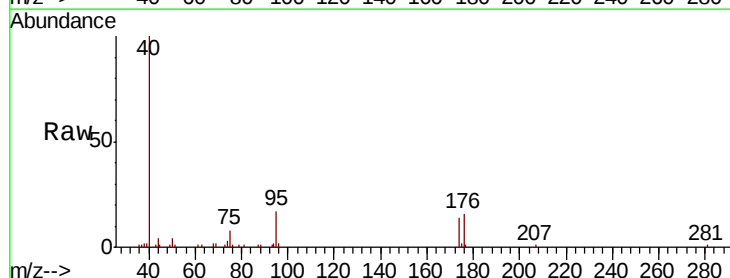
Tgt Ion: 95 Resp: 8417

Ion Ratio Lower Upper

95 100

174 85.5 0.0 191.0

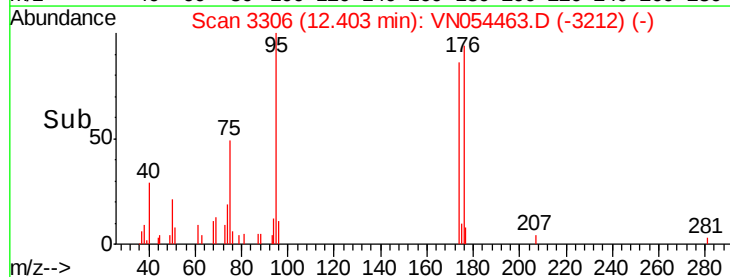
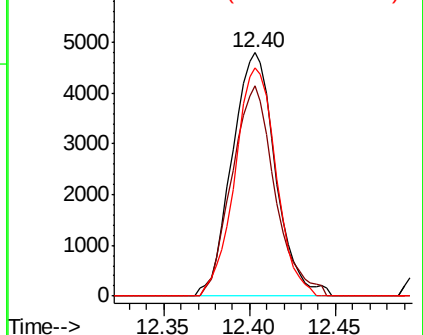
176 88.7 0.0 187.4

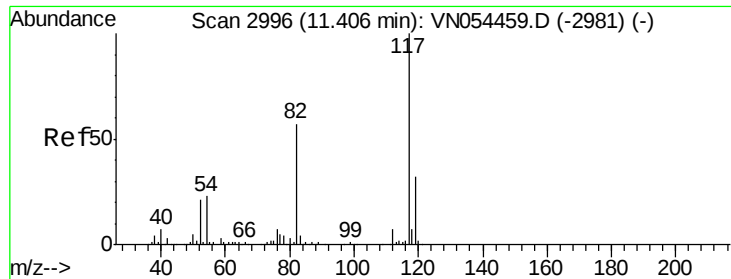


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

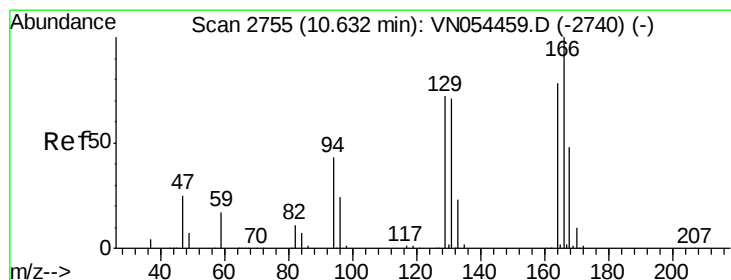
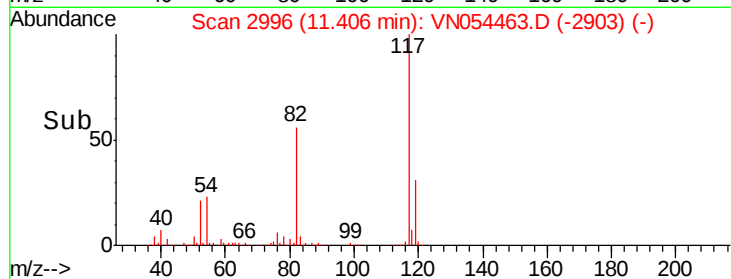
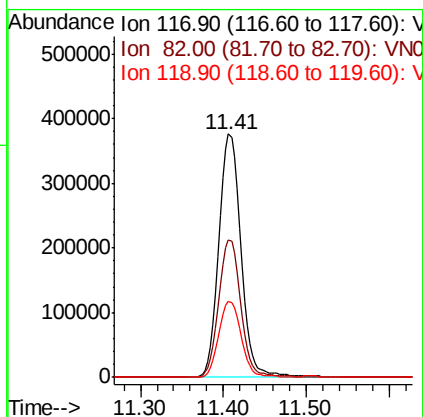
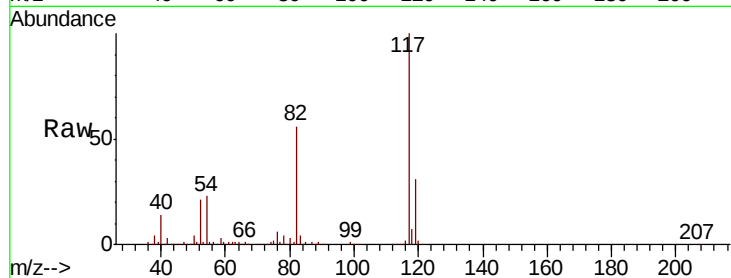




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054463.D
Acq: 20 Mar 2019 13:38

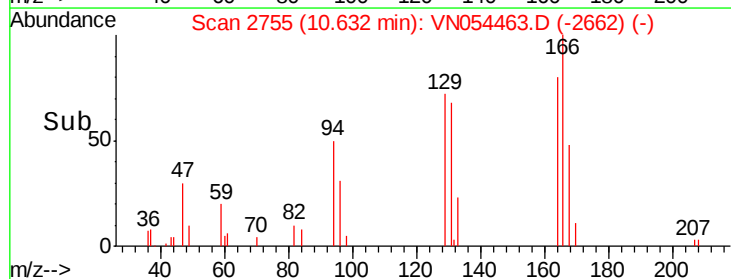
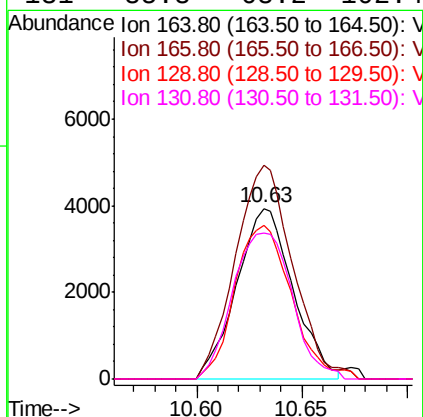
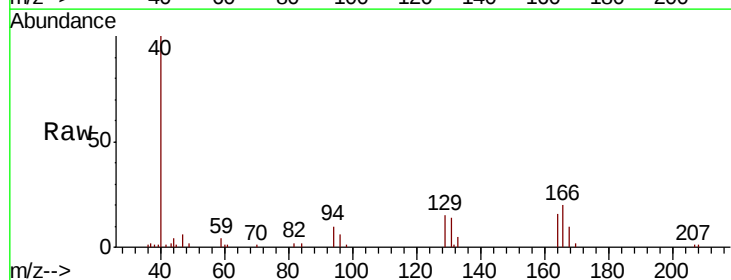
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

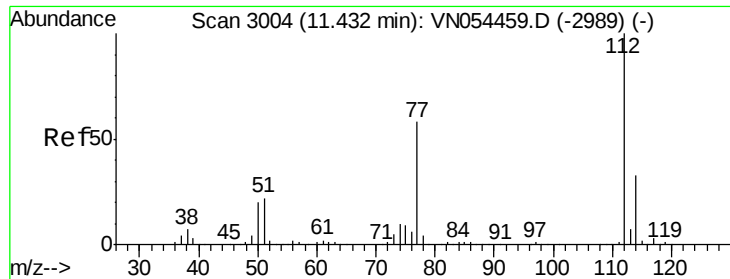
Tgt Ion:117 Resp: 696950
Ion Ratio Lower Upper
117 100
82 56.4 40.0 60.0
119 31.1 25.8 38.6



#64
Tetrachloroethene
Concen: 1.082 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN054463.D
Acq: 20 Mar 2019 13:38

Tgt Ion:164 Resp: 7288
Ion Ratio Lower Upper
164 100
166 125.4 103.9 155.9
129 90.5 71.1 106.7
131 85.8 68.2 102.4

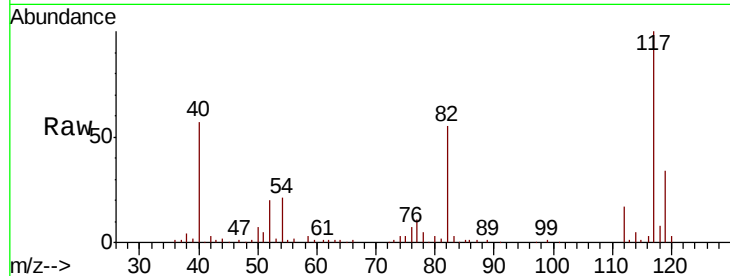




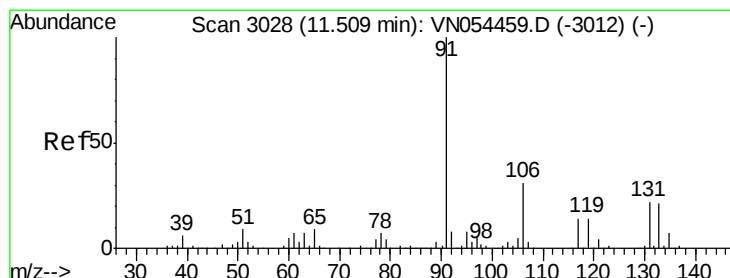
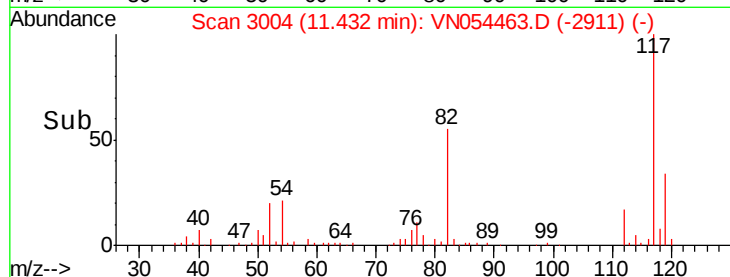
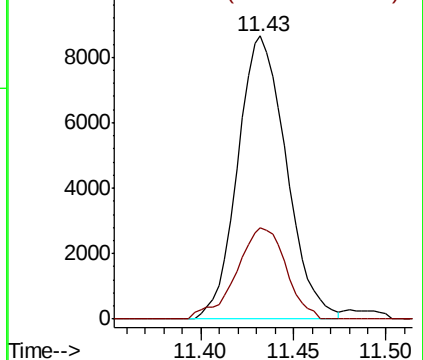
#65
Chlorobenzene
Concen: 1.033 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN054463.D
Acq: 20 Mar 2019 13:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:112 Resp: 15804
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9

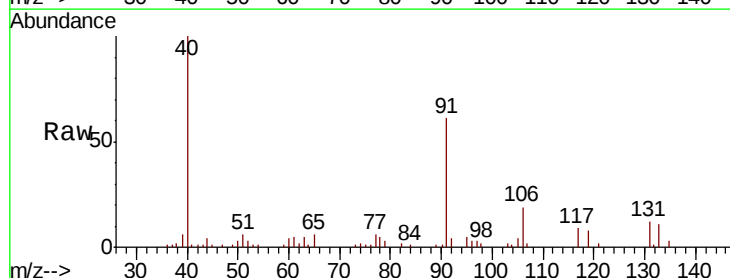


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

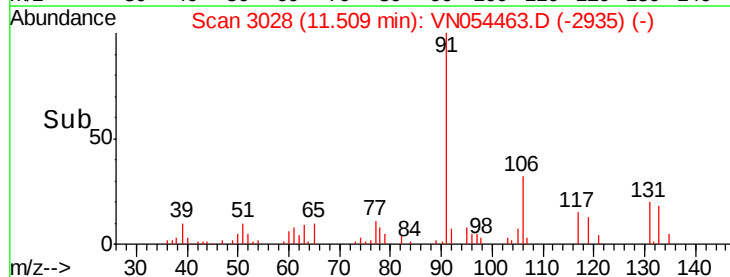
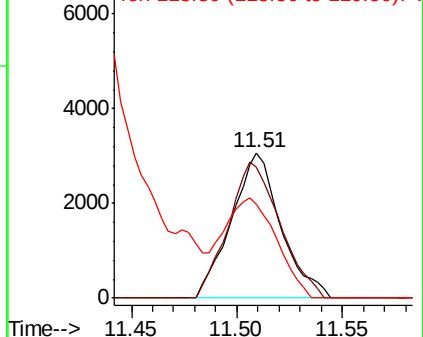


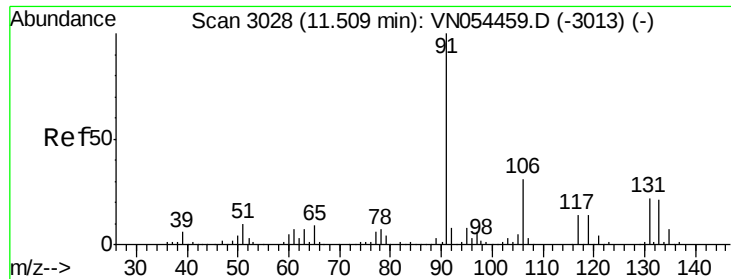
#66
1,1,1,2-Tetrachloroethane
Concen: 0.895 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054463.D
Acq: 20 Mar 2019 13:38

Tgt Ion:131 Resp: 4975
Ion Ratio Lower Upper
131 100
133 97.9 47.6 142.9
119 0.0 32.4 97.0#



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

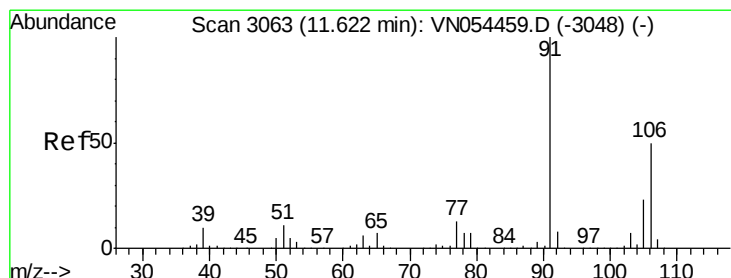
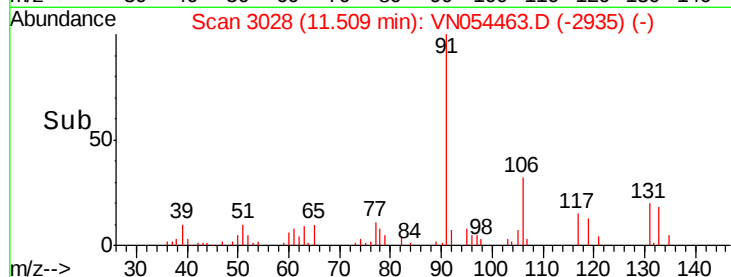
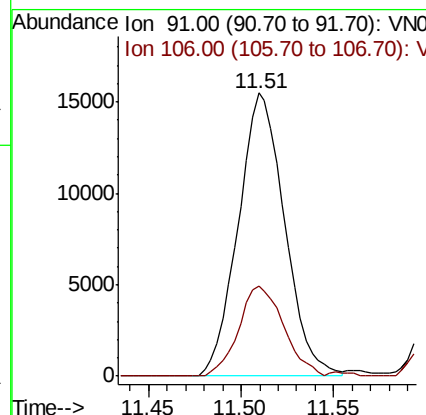
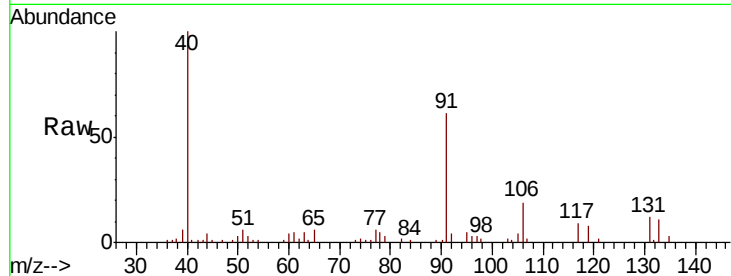




#67
Ethyl Benzene
Concen: 1.060 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054463.D
Acq: 20 Mar 2019 13:38

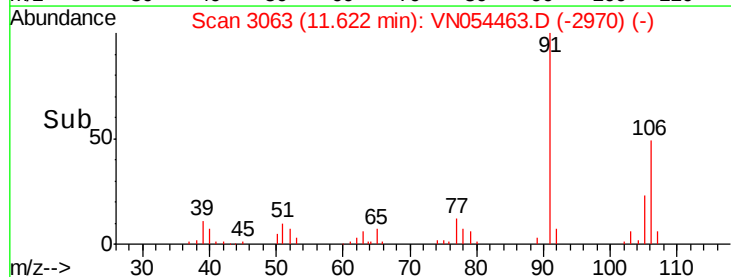
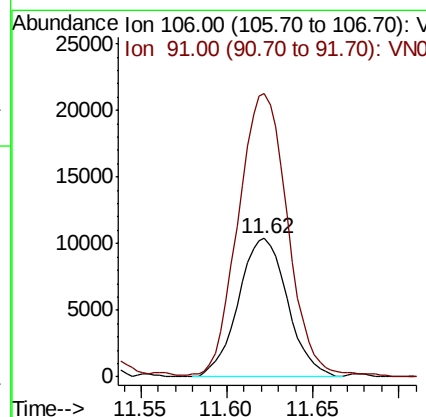
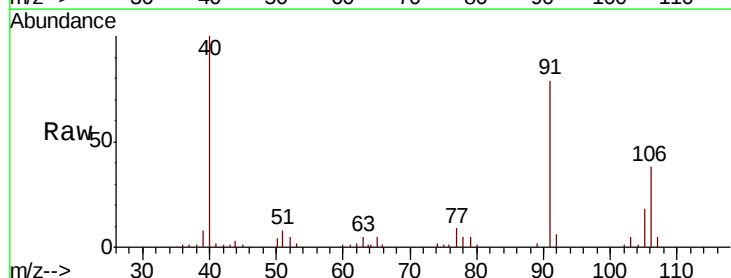
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

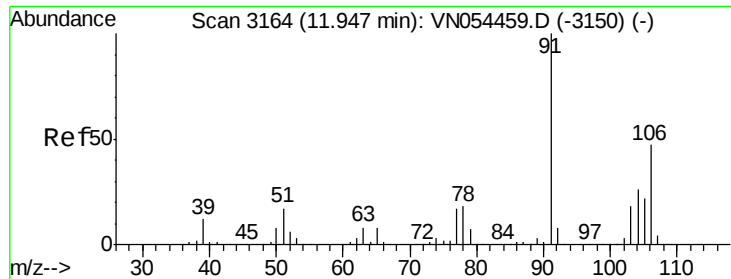
Tgt Ion: 91 Resp: 26883
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3



#68
m/p-Xylenes
Concen: 2.075 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN054463.D
Acq: 20 Mar 2019 13:38

Tgt Ion: 106 Resp: 20576
Ion Ratio Lower Upper
106 100
91 207.6 159.4 239.2

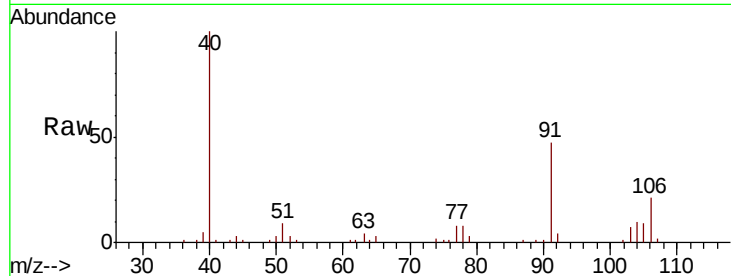




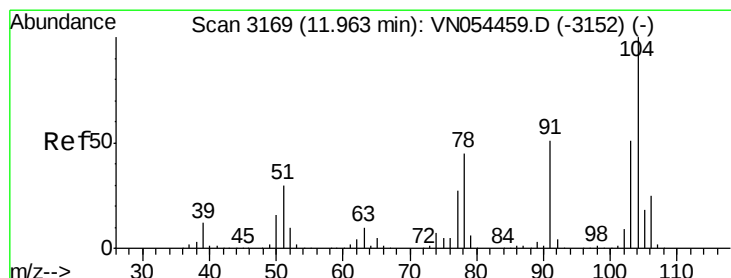
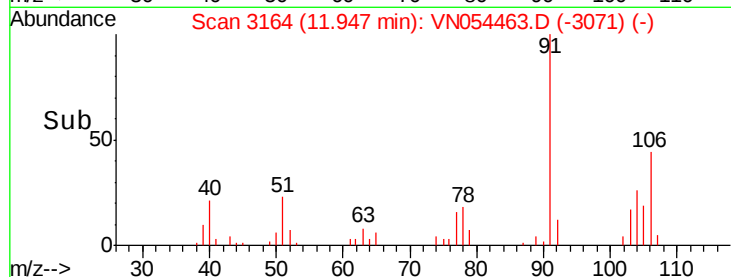
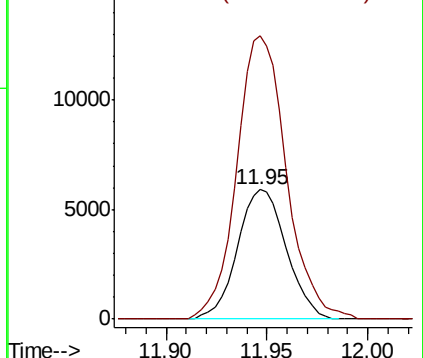
#69
o-Xylene
Concen: 1.036 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054463.D
Acq: 20 Mar 2019 13:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 10011
Ion Ratio Lower Upper
106 100
91 222.7 105.7 317.1

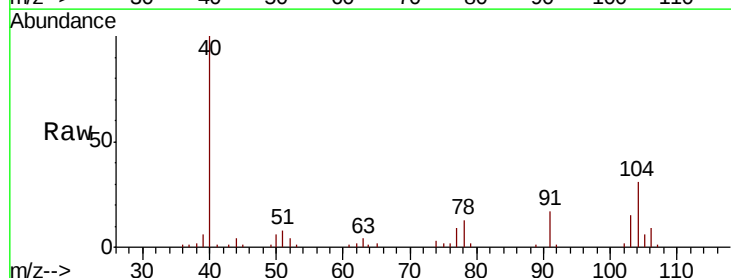


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

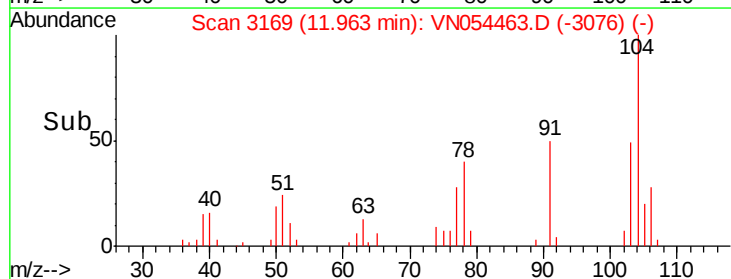
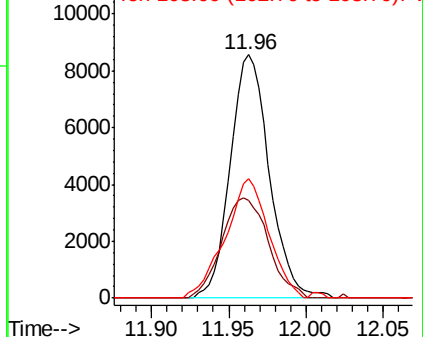


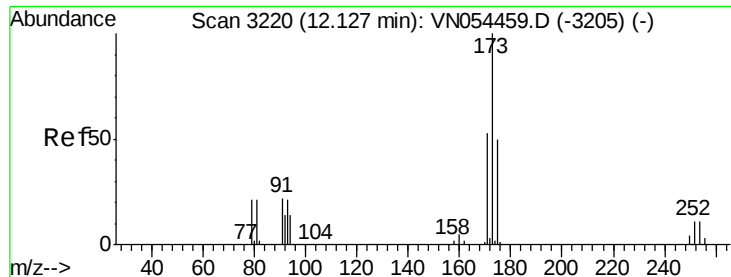
#70
Styrene
Concen: 0.990 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN054463.D
Acq: 20 Mar 2019 13:38

Tgt Ion:104 Resp: 15001
Ion Ratio Lower Upper
104 100
78 49.2 38.2 57.2
103 54.7 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

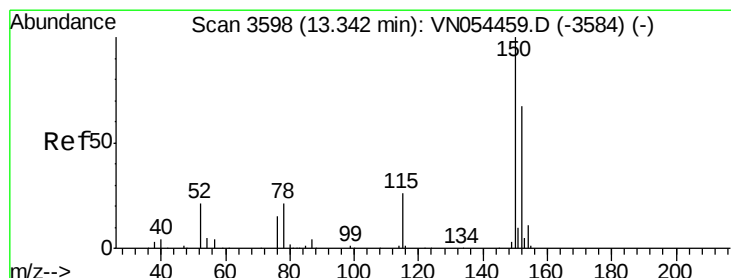
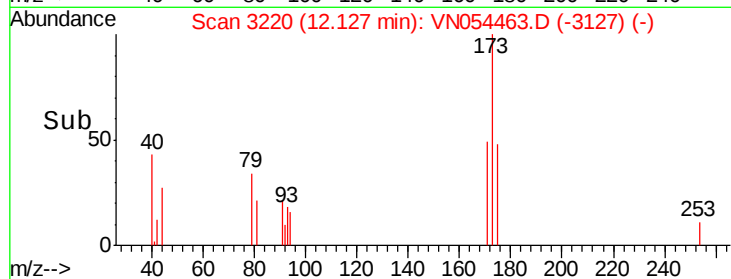
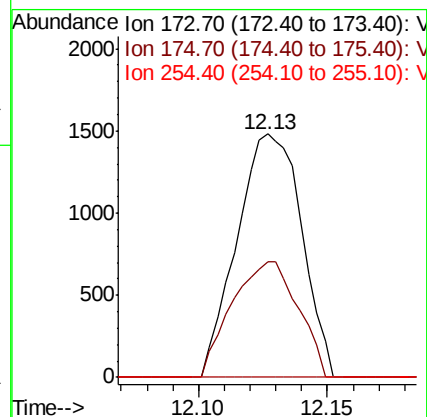
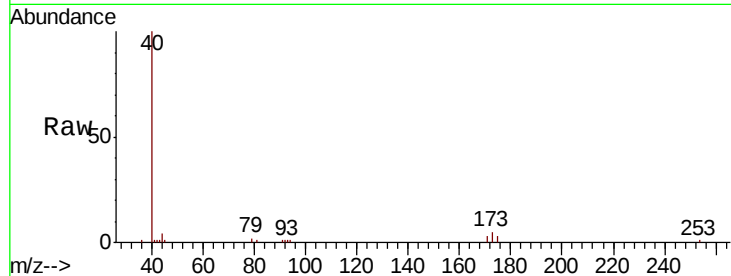




#71
 Bromoform
 Concen: 0.704 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. -0.00 min
 Lab File: VN054463.D
 Acq: 20 Mar 2019 13:38

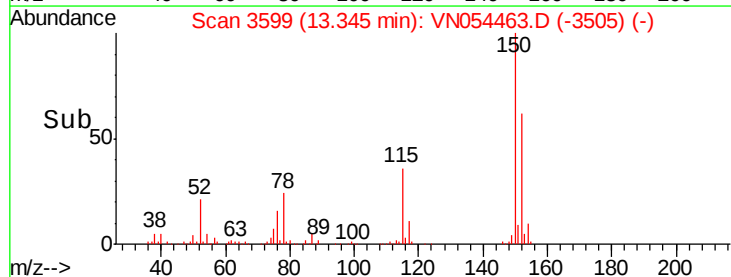
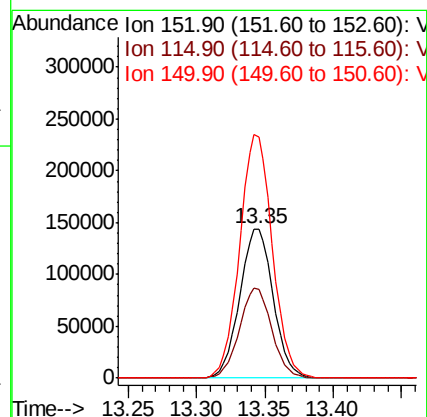
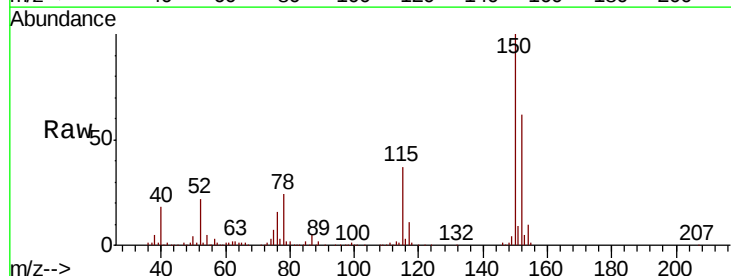
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

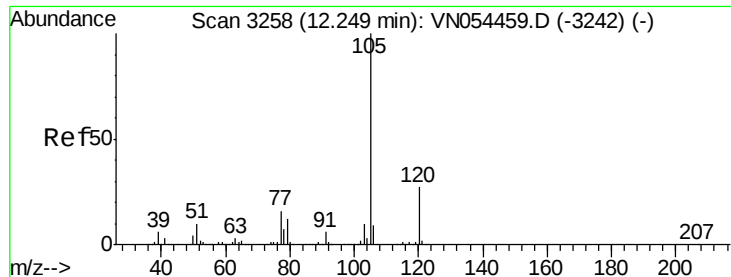
Tgt Ion:173 Resp: 2590
 Ion Ratio Lower Upper
 173 100
 175 48.6 24.4 73.2
 254 0.0 0.1 0.1#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN054463.D
 Acq: 20 Mar 2019 13:38

Tgt Ion:152 Resp: 244220
 Ion Ratio Lower Upper
 152 100
 115 58.6 27.2 81.6
 150 159.5 0.0 349.2





#73

Isopropylbenzene

Concen: 1.430 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

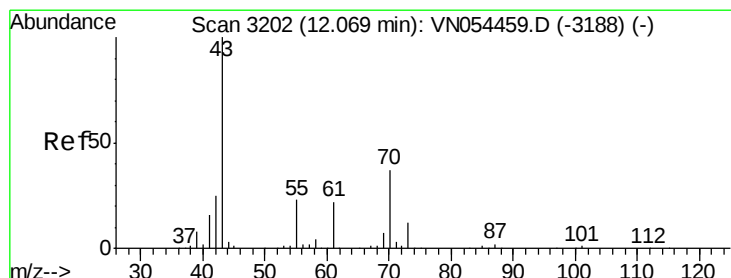
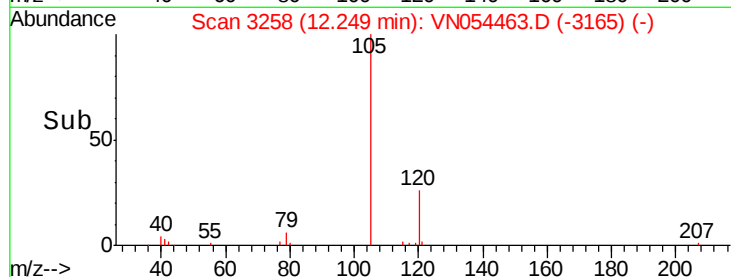
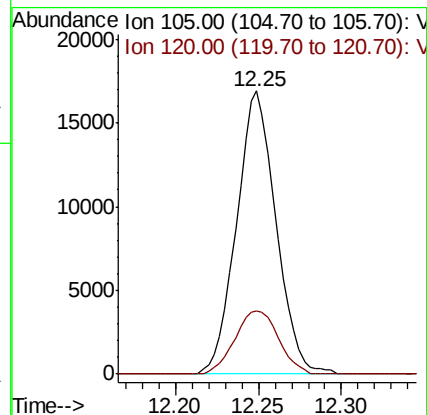
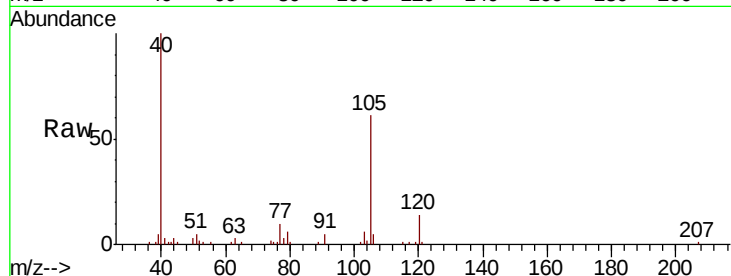
VSTDIC001

Tgt Ion:105 Resp: 27941

Ion Ratio Lower Upper

105 100

120 24.7 13.8 41.3



#74

N-ethyl acetate

Concen: 1.454 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Tgt Ion: 43 Resp: 6304

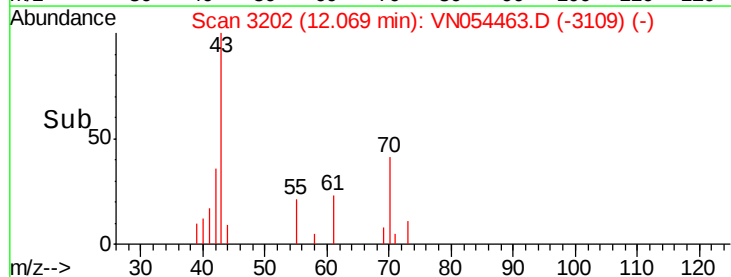
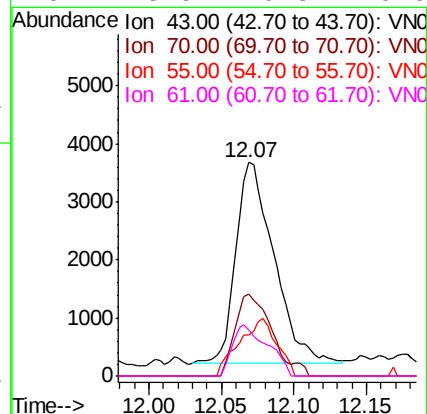
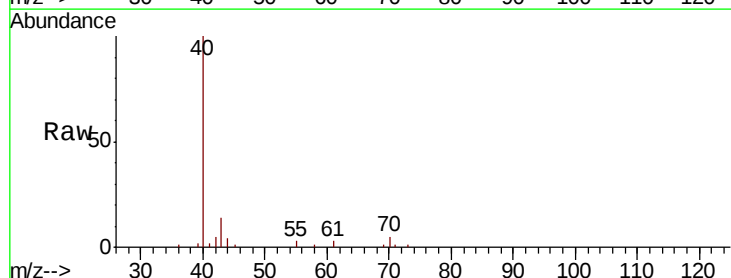
Ion Ratio Lower Upper

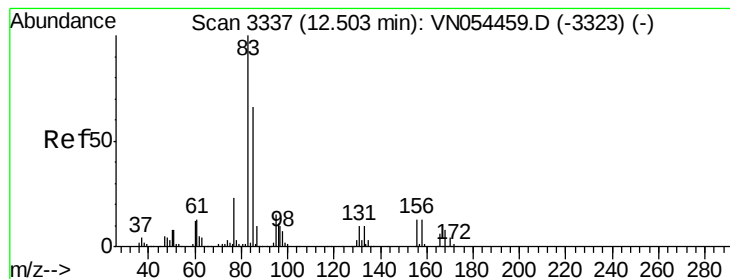
43 100

70 39.4 35.4 53.0

55 28.1 19.8 29.6

61 23.5 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 1.397 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

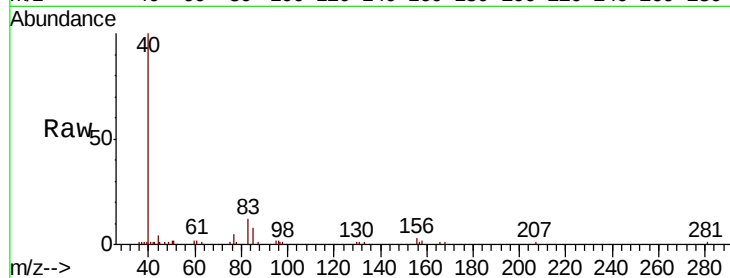
Tgt Ion: 83 Resp: 5817

Ion Ratio Lower Upper

83 100

131 10.1 5.8 17.4

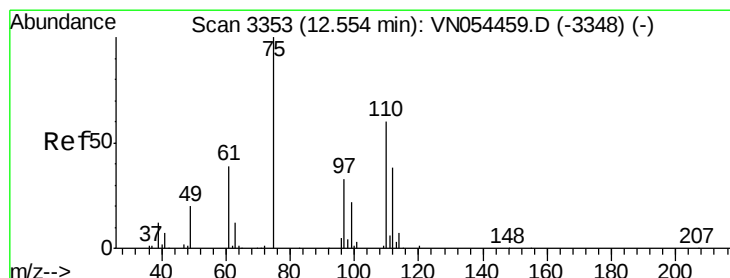
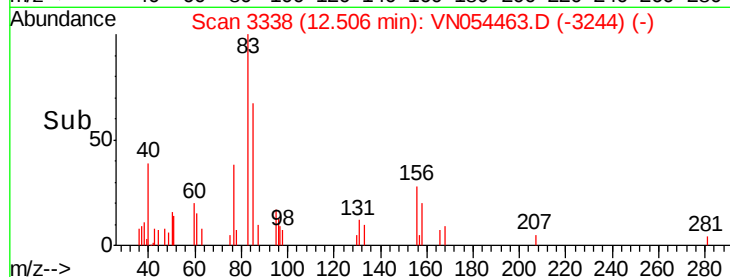
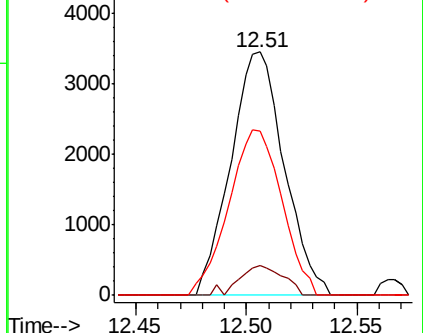
85 67.3 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN054459.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN054459.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN054459.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 1.847 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN054463.D

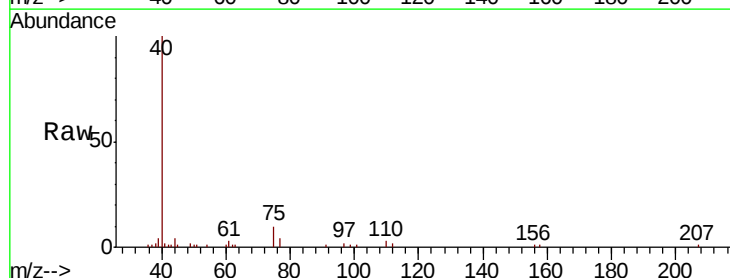
Acq: 20 Mar 2019 13:38

Tgt Ion: 75 Resp: 6635

Ion Ratio Lower Upper

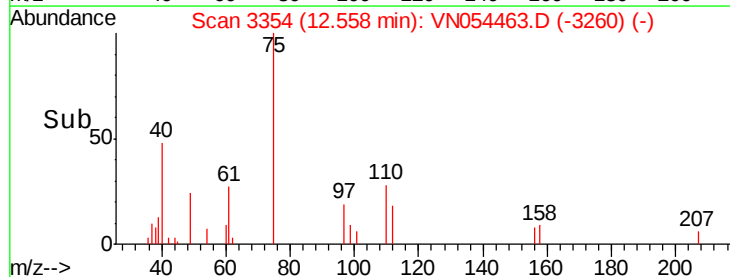
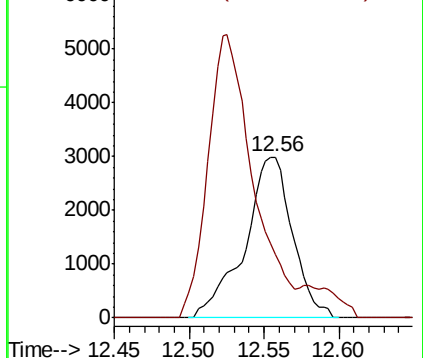
75 100

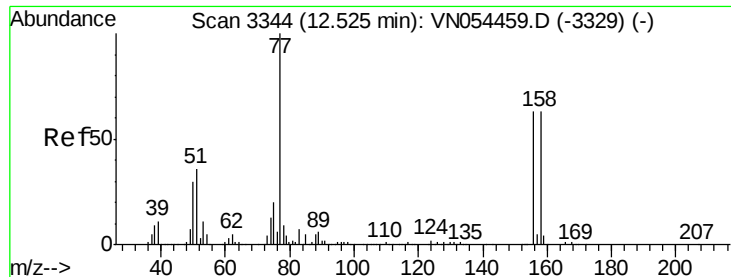
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN054459.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN054459.D (-3348) (-)





#77

Bromobenzene

Concen: 1.162 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

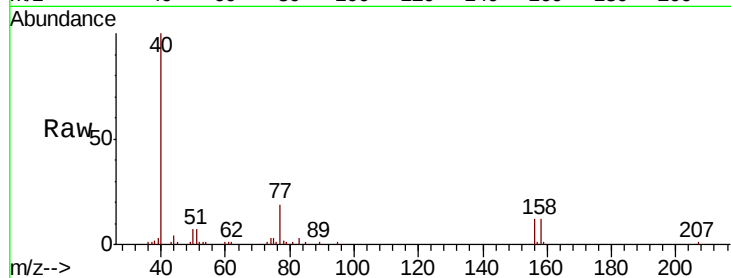
Tgt Ion:156 Resp: 6006

Ion Ratio Lower Upper

156 100

77 184.2 81.5 244.4

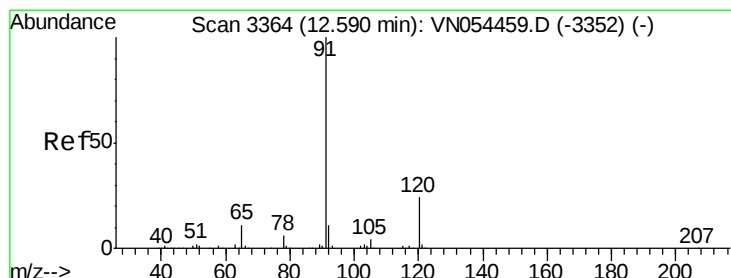
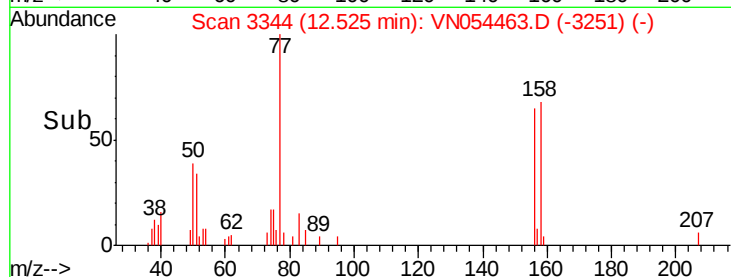
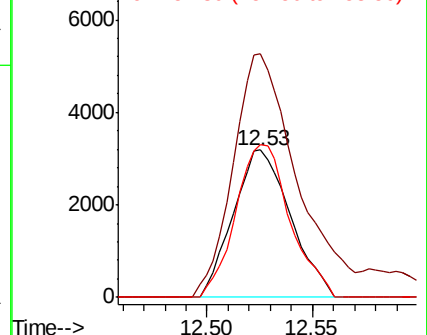
158 98.6 49.0 147.2



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: 1.328 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054463.D

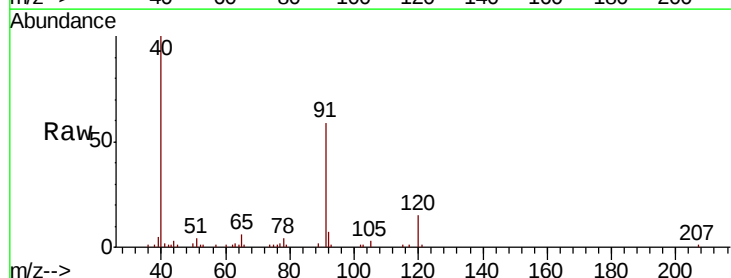
Acq: 20 Mar 2019 13:38

Tgt Ion: 91 Resp: 28158

Ion Ratio Lower Upper

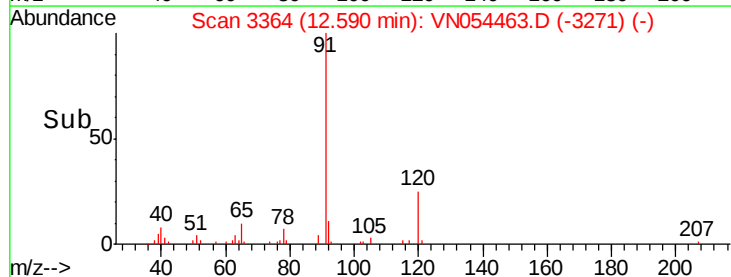
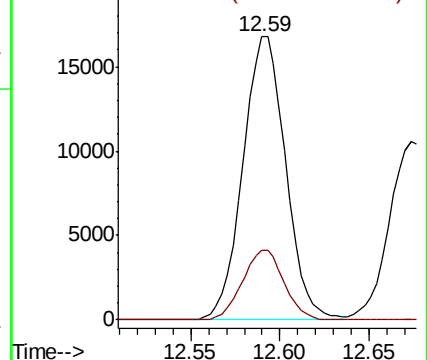
91 100

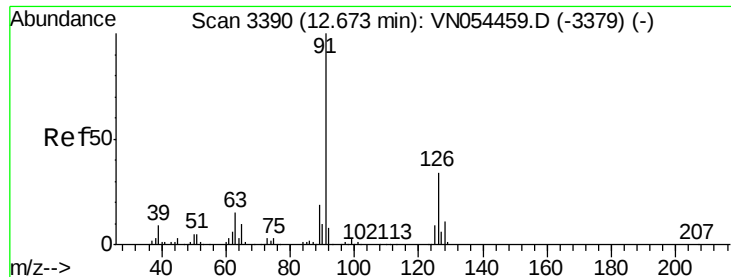
120 23.8 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.490 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

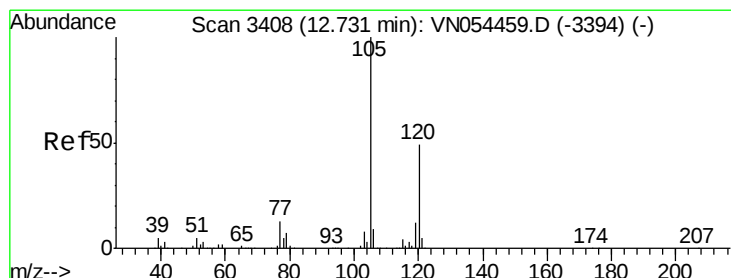
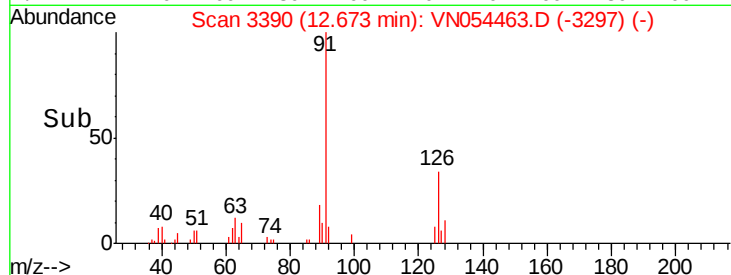
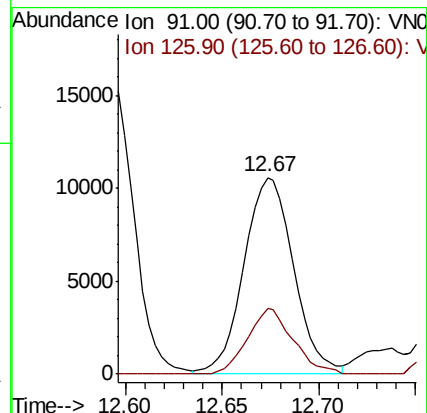
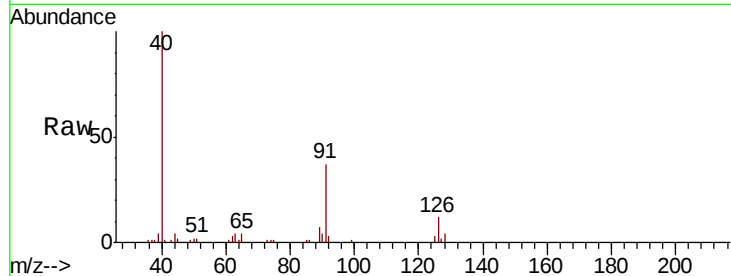
VSTDIC001

Tgt Ion: 91 Resp: 18991

Ion Ratio Lower Upper

91 100

126 30.5 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 1.358 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054463.D

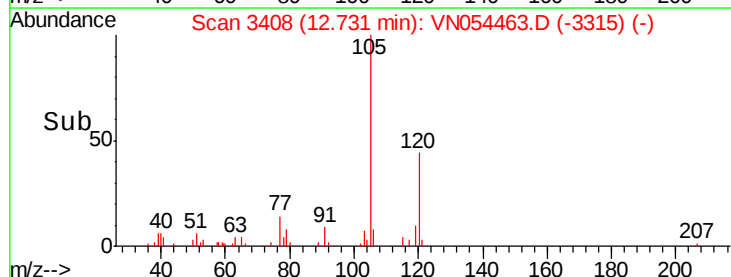
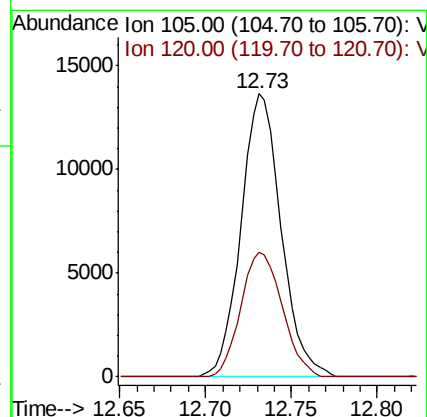
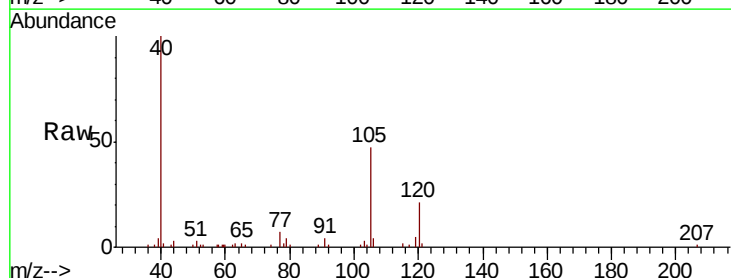
Acq: 20 Mar 2019 13:38

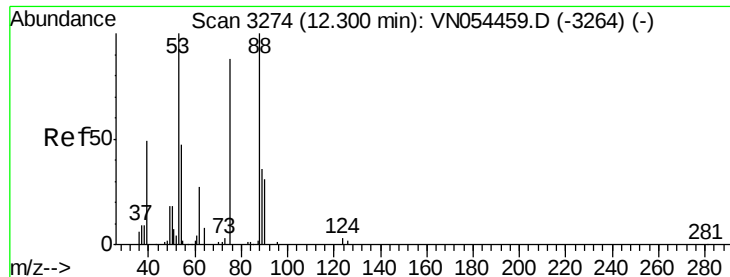
Tgt Ion: 105 Resp: 22078

Ion Ratio Lower Upper

105 100

120 45.5 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 0.746 ug/l

RT: 12.31 min Scan# 3276

Delta R.T. 0.01 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

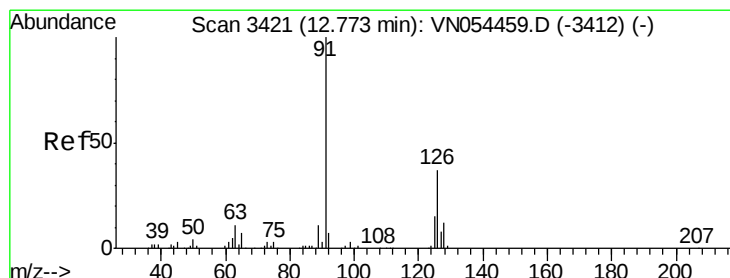
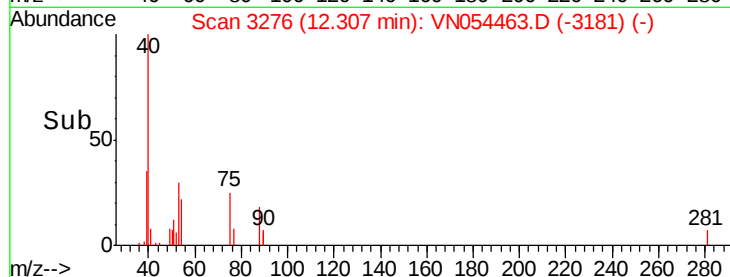
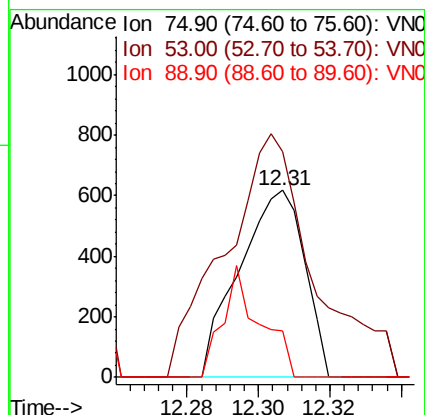
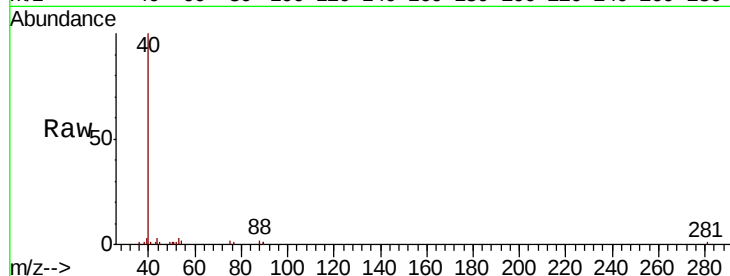
Tgt Ion: 75 Resp: 784

Ion Ratio Lower Upper

75 100

53 176.8 76.2 114.2#

89 34.1 39.2 58.8#



#82

4-Chlorotoluene

Concen: 1.276 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN054463.D

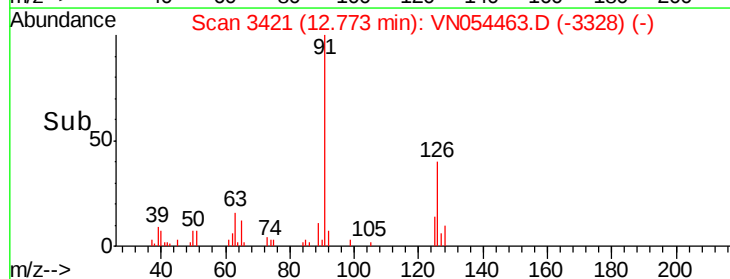
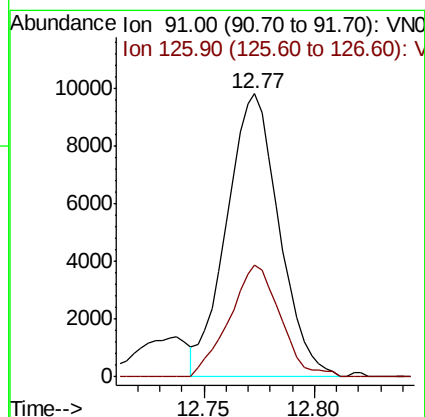
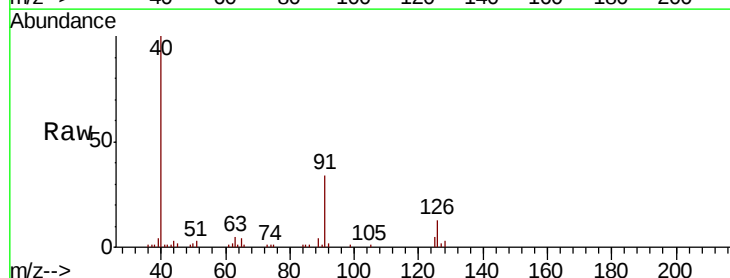
Acq: 20 Mar 2019 13:38

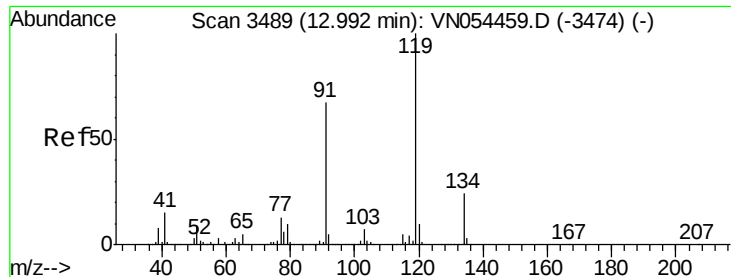
Tgt Ion: 91 Resp: 16241

Ion Ratio Lower Upper

91 100

126 38.2 18.1 54.1

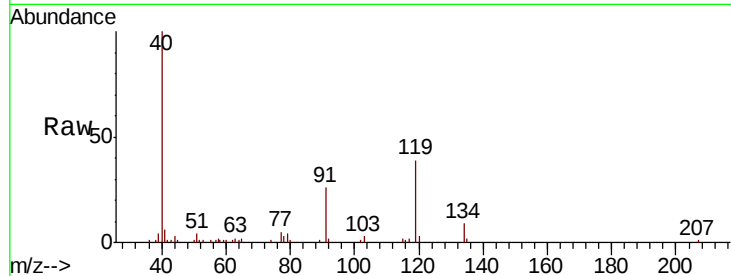




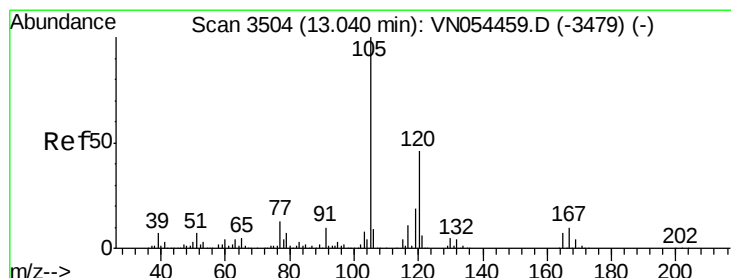
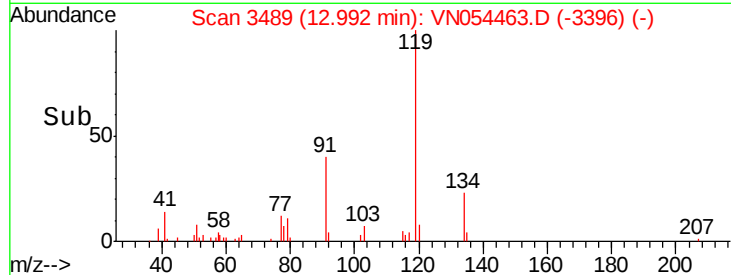
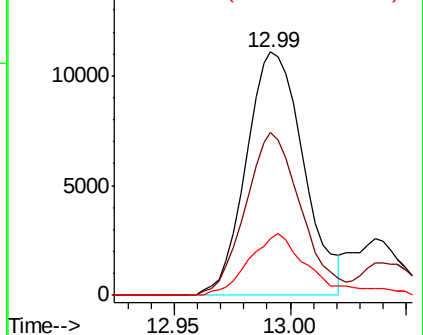
#83
 tert-Butylbenzene
 Concen: 1.268 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN054463.D
 Acq: 20 Mar 2019 13:38

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tgt Ion:119 Resp: 18974
 Ion Ratio Lower Upper
 119 100
 91 65.0 30.9 92.8
 134 25.8 13.2 39.6

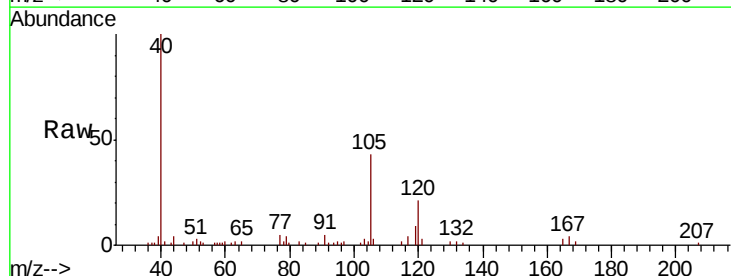


Abundance Ion 119.00 (118.70 to 119.70): V
 15000 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

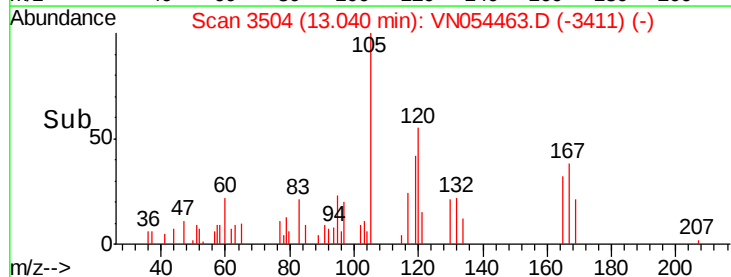
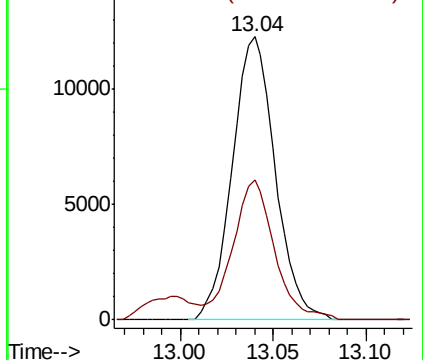


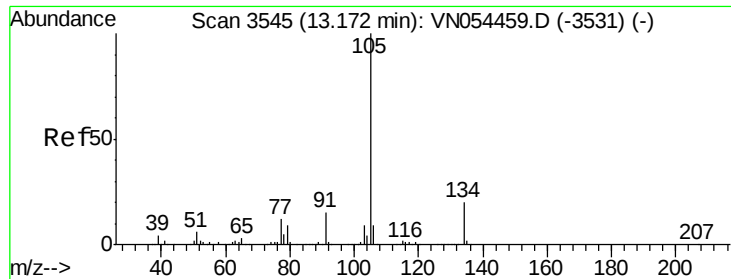
#84
 1,2,4-Trimethylbenzene
 Concen: 1.239 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN054463.D
 Acq: 20 Mar 2019 13:38

Tgt Ion:105 Resp: 19763
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V
 10000 Ion 120.00 (119.70 to 120.70): V

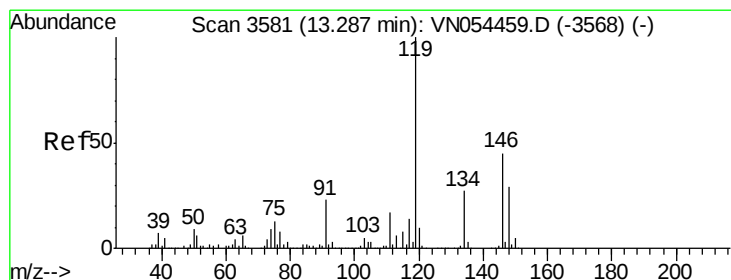
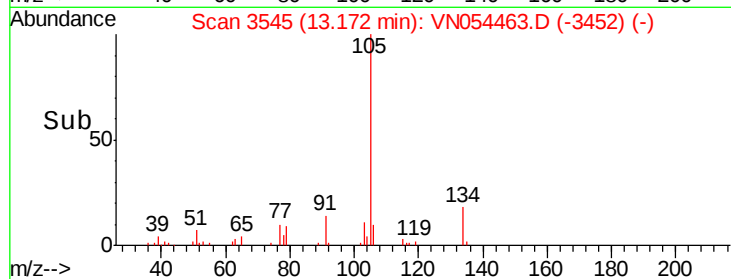
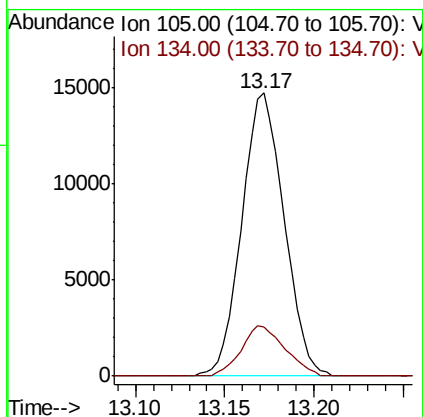
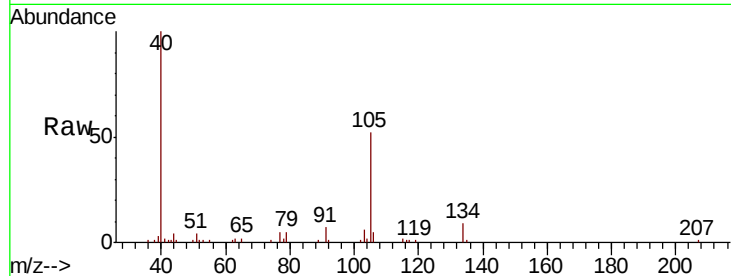




#85
 sec-Butylbenzene
 Concen: 1.258 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN054463.D
 Acq: 20 Mar 2019 13:38

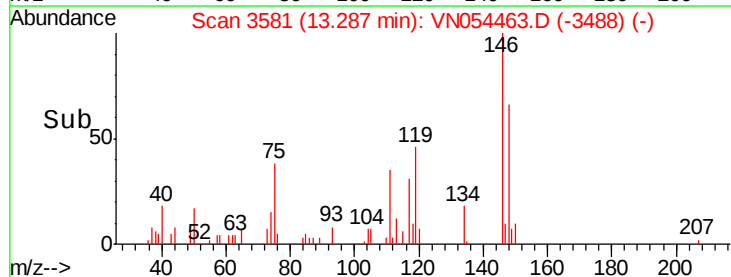
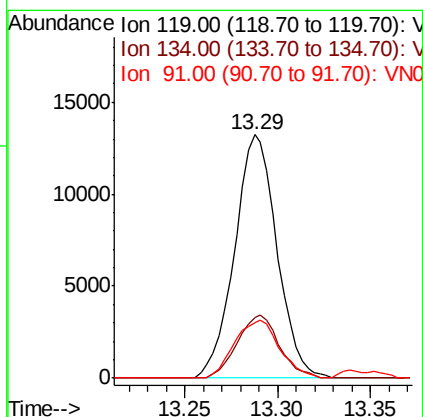
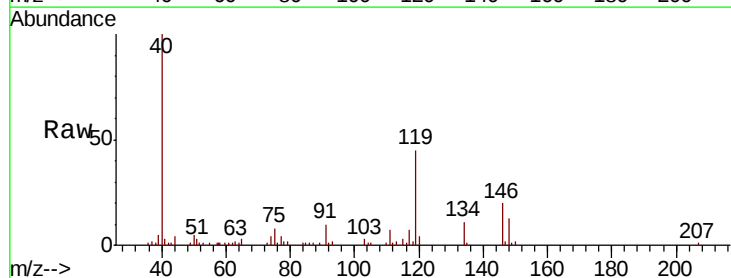
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

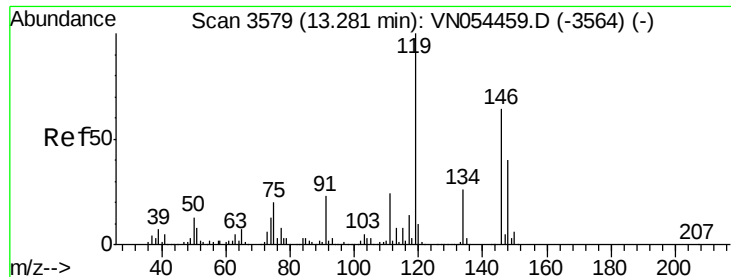
Tgt Ion:105 Resp: 24402
 Ion Ratio Lower Upper
 105 100
 134 18.4 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 1.227 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN054463.D
 Acq: 20 Mar 2019 13:38

Tgt Ion:119 Resp: 20875
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.8
 91 25.5 11.1 33.3

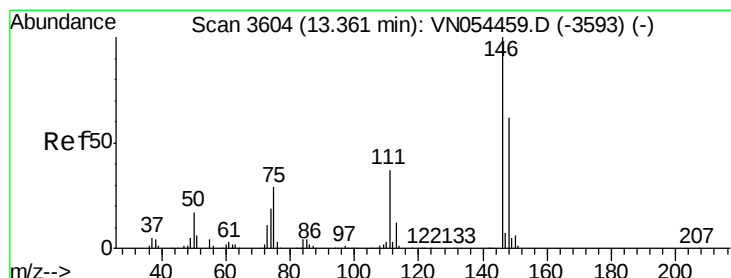
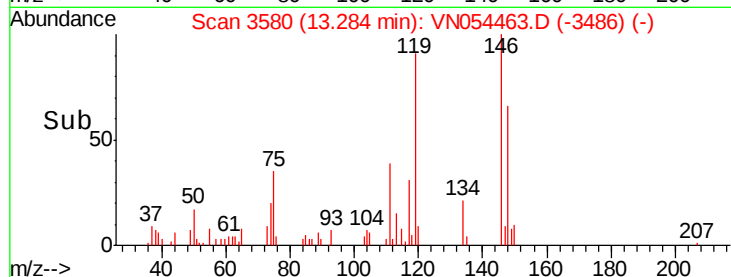
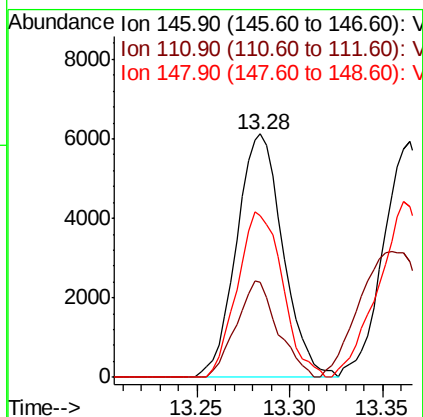
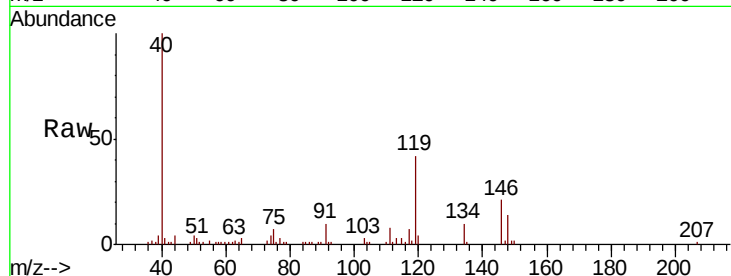




#87
 1,3-Dichlorobenzene
 Concen: 1.218 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN054463.D
 Acq: 20 Mar 2019 13:38

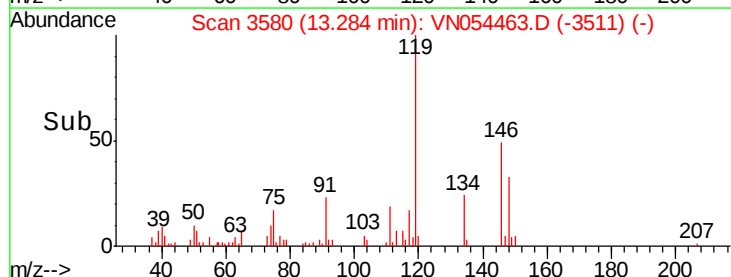
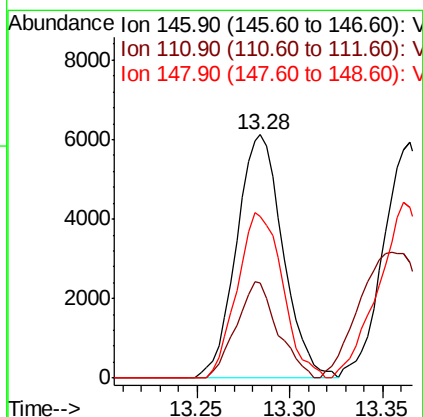
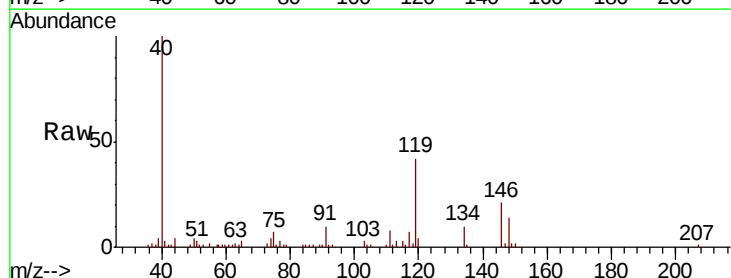
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

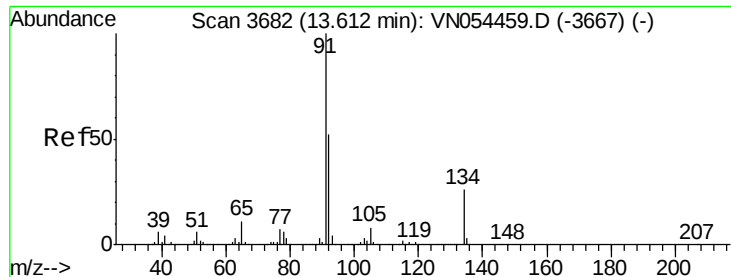
Tgt Ion:146 Resp: 10609
 Ion Ratio Lower Upper
 146 100
 111 35.3 18.8 56.3
 148 66.2 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 1.240 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.08 min
 Lab File: VN054463.D
 Acq: 20 Mar 2019 13:38

Tgt Ion:146 Resp: 10609
 Ion Ratio Lower Upper
 146 100
 111 35.3 18.1 54.1
 148 66.2 32.0 96.0





#89

n-Butylbenzene

Concen: 1.153 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

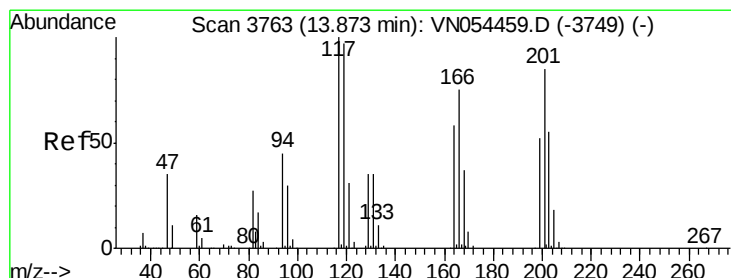
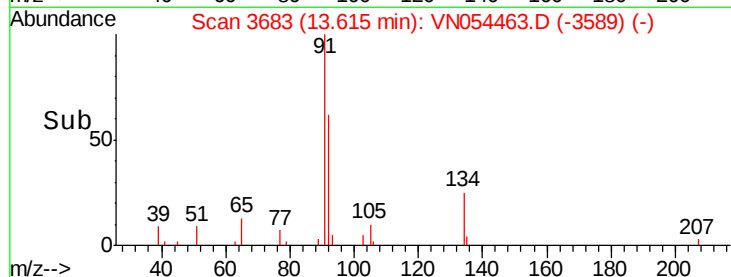
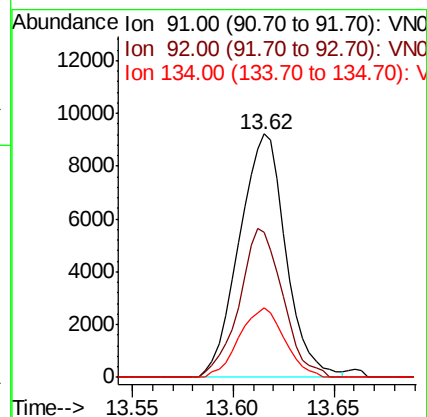
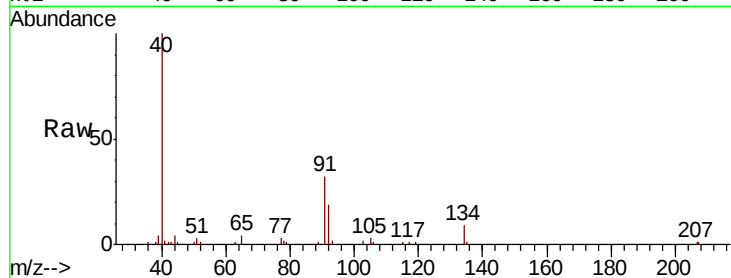
Tgt Ion: 91 Resp: 14907

Ion Ratio Lower Upper

91 100

92 57.0 26.2 78.6

134 27.7 14.3 42.9



#90

Hexachloroethane

Concen: 0.940 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN054463.D

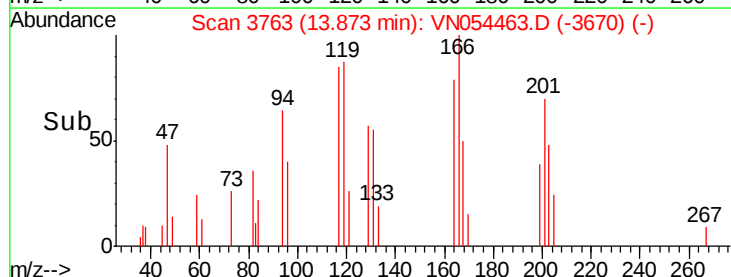
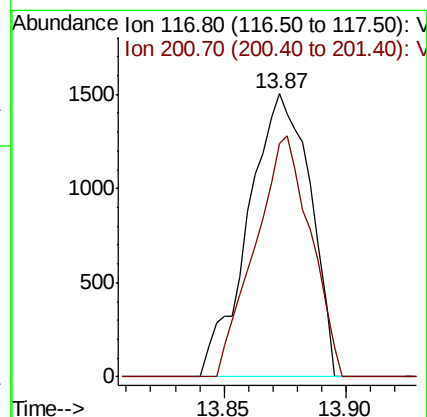
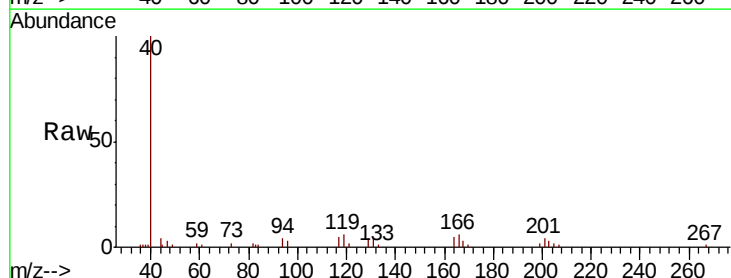
Acq: 20 Mar 2019 13:38

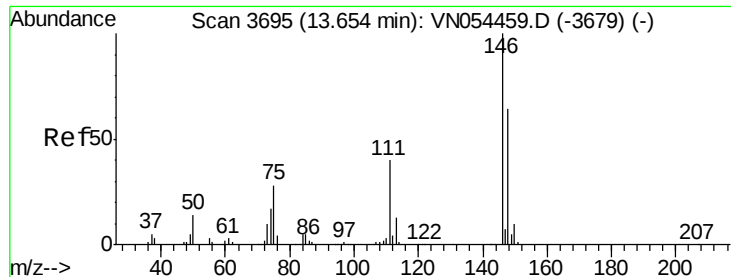
Tgt Ion: 117 Resp: 2648

Ion Ratio Lower Upper

117 100

201 76.4 48.1 144.4





#91

1,2-Dichlorobenzene

Concen: 1.199 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

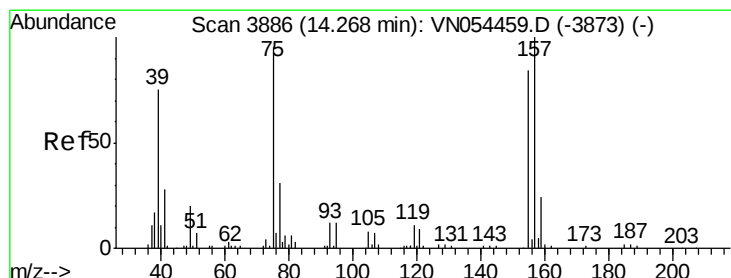
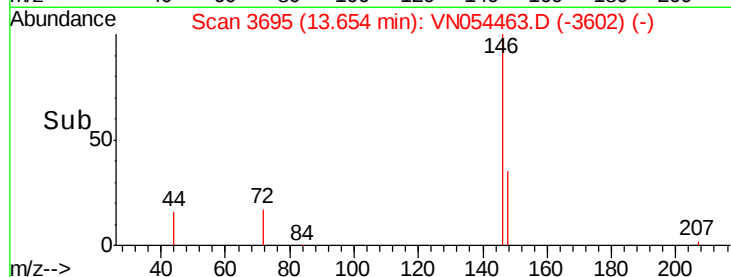
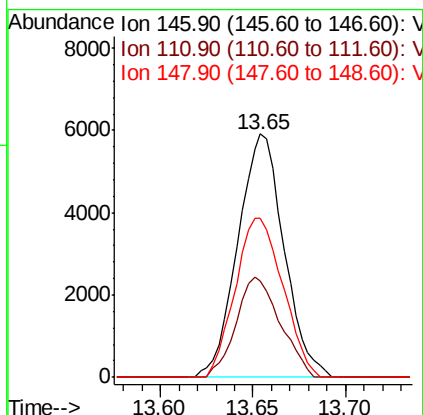
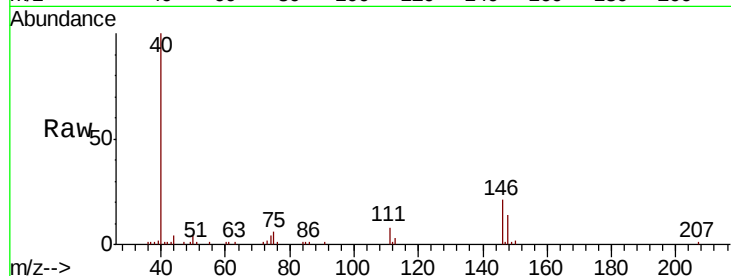
Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:	146	Resp:	10210
Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.1	57.3
148	67.5	32.4	97.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.394 ug/l

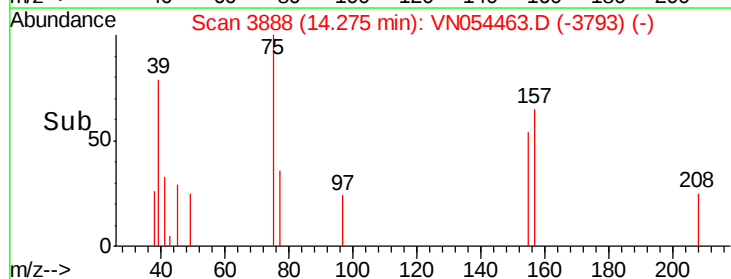
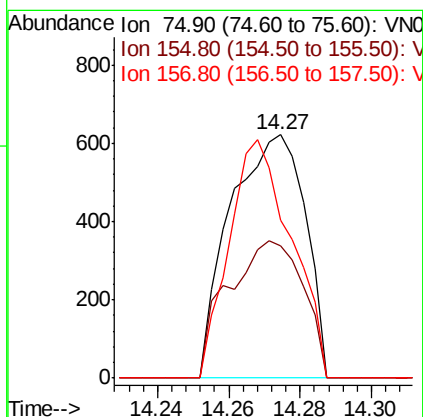
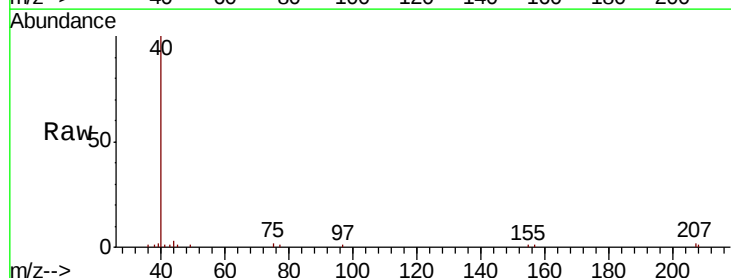
RT: 14.27 min Scan# 3888

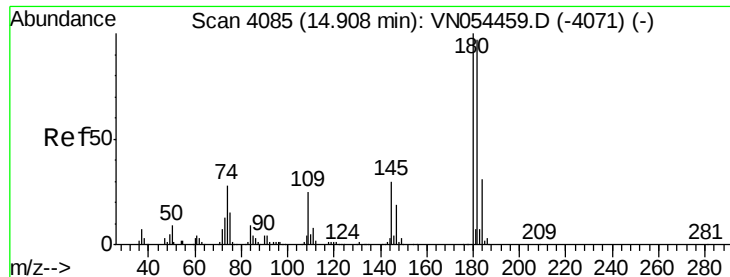
Delta R.T. 0.01 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Tgt Ion:	75	Resp:	898
Ion	Ratio	Lower	Upper
75	100		
155	56.7	50.1	150.3
157	81.4	63.1	189.3

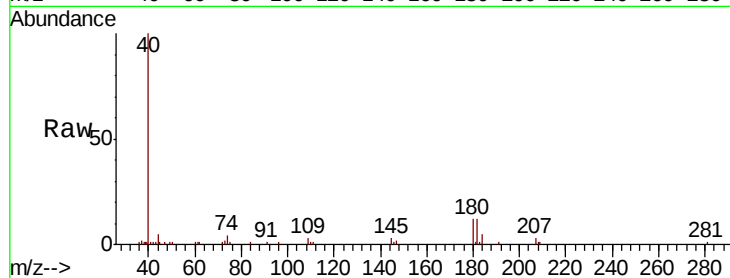




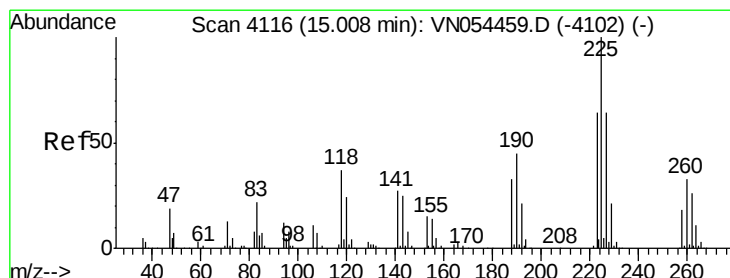
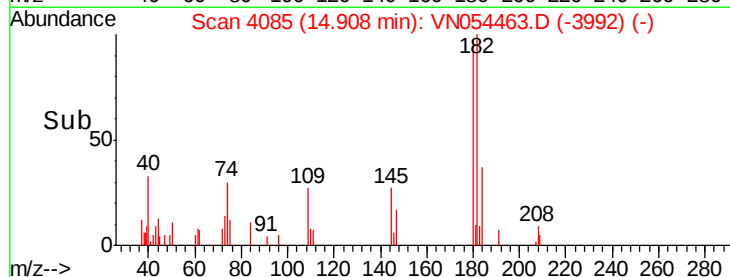
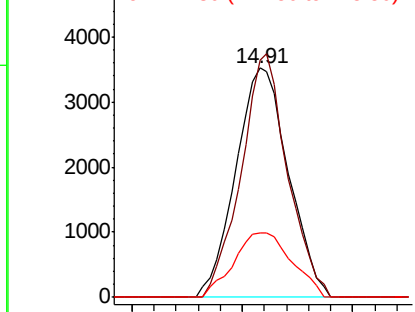
#93
 1,2,4-Trichlorobenzene
 Concen: 1.322 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN054463.D
 Acq: 20 Mar 2019 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:180 Resp: 5817
 Ion Ratio Lower Upper
 180 100
 182 93.6 48.0 144.2
 145 31.1 14.2 42.8

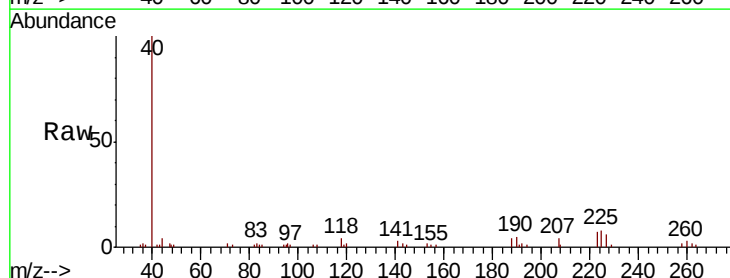


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

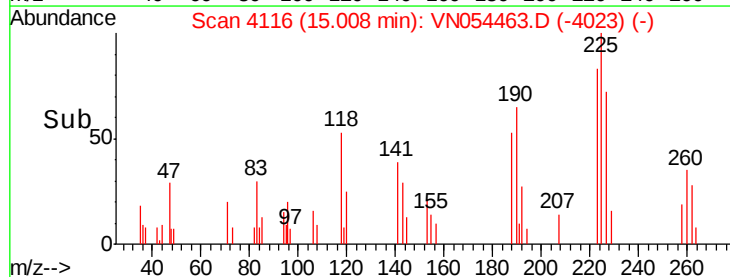
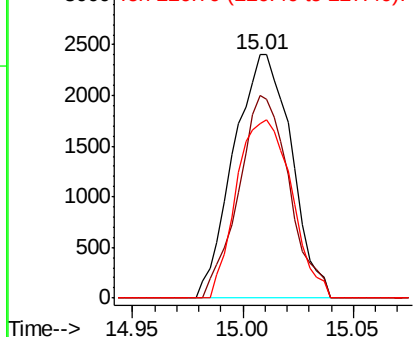


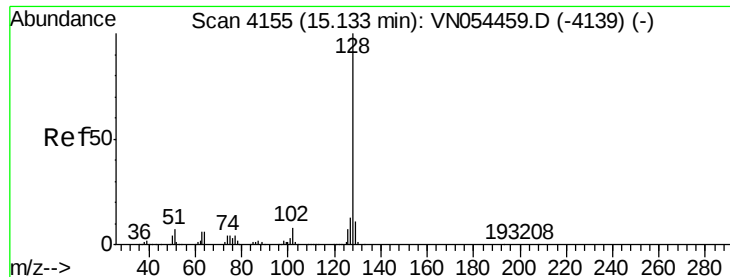
#94
 Hexachlorobutadiene
 Concen: 1.345 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN054463.D
 Acq: 20 Mar 2019 13:38

Tgt Ion:225 Resp: 4363
 Ion Ratio Lower Upper
 225 100
 223 73.4 31.1 93.5
 227 70.2 31.9 95.9



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





#95

Naphthalene

Concen: 1.591 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

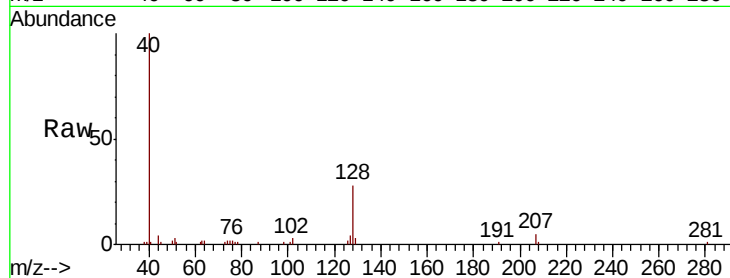
Tgt Ion:128 Resp: 14402

Ion Ratio Lower Upper

128 100

127 15.6 10.1 15.1#

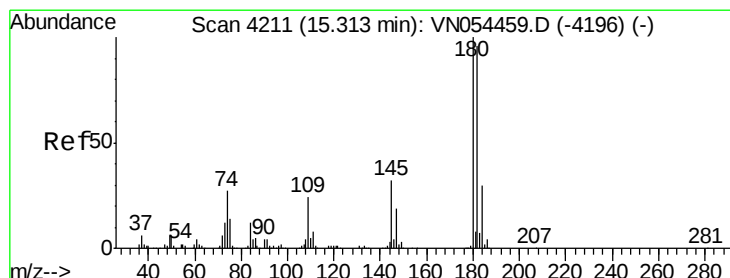
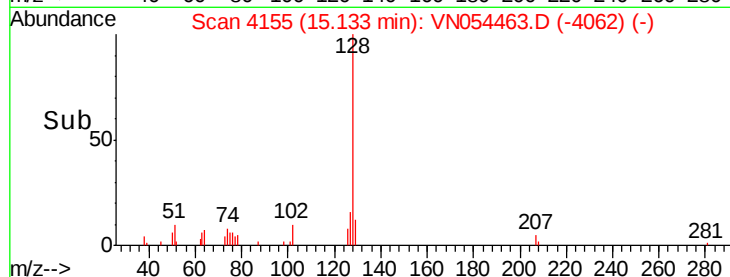
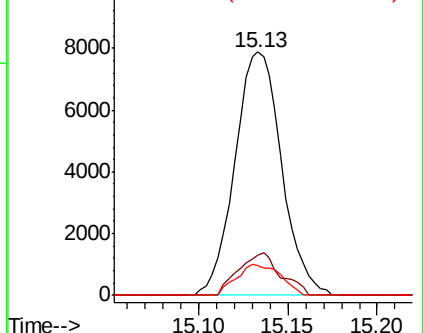
129 11.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.408 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN054463.D

Acq: 20 Mar 2019 13:38

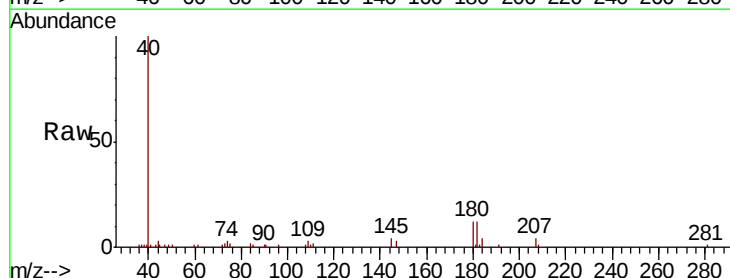
Tgt Ion:180 Resp: 6371

Ion Ratio Lower Upper

180 100

182 97.7 47.5 142.6

145 26.1 14.8 44.3



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

