

Data File : VN054978.D
Acq On : 11 Apr 2019 15:21
Operator : JC/SP
Sample : VSTDIC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Quant Time: Apr 12 07:42:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N041119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 12 07:37:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	76417	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	420938	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	371093	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	175602	32.06	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	106.87%
60) 4-Bromofluorobenzene	12.40	95	175558	31.10	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	103.67%
63) Toluene-d8	10.09	98	534268	29.83	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.43%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	219483	57.216	ug/l	100
3) Chloromethane	2.06	50	296290	58.351	ug/l	96
4) Vinyl Chloride	2.19	62	259370	51.499	ug/l	99
5) Bromomethane	2.56	94	148964	48.358	ug/l	94
6) Chloroethane	2.71	64	144554	49.026	ug/l	99
7) Trichlorofluoromethane	3.02	101	330868	53.869	ug/l	98
8) Diethyl Ether	3.41	74	110158	48.665	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	180483	46.112	ug/l	98
10) 1,1-Dichloroethene	3.73	96	165309	45.312	ug/l	98
11) Methyl Iodide	3.94	142	261099	48.684	ug/l	100
12) Methyl Acetate	4.33	43	214411	68.375	ug/l	100
13) Acrolein	3.61	56	89774	298.545	ug/l	99
14) Acrylonitrile	4.99	53	436981	296.200	ug/l	97
15) Acetone	3.82	58	108125	253.125	ug/l	95
16) Carbon Disulfide	4.04	76	572957	48.655	ug/l	98
17) Allyl chloride	4.32	41	424998	65.006	ug/l	98
18) Methylene Chloride	4.54	84	245317	57.259	ug/l	98
19) trans-1,2-Dichloroethene	5.04	96	226241	56.680	ug/l	99
20) Diisopropyl ether	5.96	45	864929	65.855	ug/l	99
21) 1,1-Dichloroethane	5.85	63	457945	59.117	ug/l	100
22) cis-1,2-Dichloroethene	6.83	96	258331	57.946	ug/l	100
23) tert-Butyl Alcohol	4.81	59	37709	144.856	ug/l	# 100
24) Methyl tert-Butyl Ether	5.05	73	580181	58.704	ug/l	# 66
25) Chloroform	7.37	83	440014	58.934	ug/l	98
26) Cyclohexane	7.65	56	423119	60.347	ug/l	# 98
29) 1,1-Dichloropropene	7.79	75	339374	58.739	ug/l	98
30) 2-Butanone	6.85	43	570262	313.179	ug/l	99
31) 2,2-Dichloropropane	6.82	77	305387	53.827	ug/l	# 100
32) 1,1,1-Trichloroethane	7.57	97	351951	56.647	ug/l	99
33) Carbon Tetrachloride	7.77	117	301446	54.920	ug/l	98
34) Benzene	8.04	78	987751	57.537	ug/l	# 93
35) Methacrylonitrile	7.18	41	127402	61.323	ug/l	95
36) 1,2-Dichloroethane	8.12	62	337732	60.581	ug/l	# 88
37) Trichloroethene	8.83	130	249798	55.560	ug/l	96
38) Methylcyclohexane	9.08	83	383063	56.245	ug/l	99
39) 1,2-Dichloropropane	9.12	63	274834	58.208	ug/l	99
40) Dibromomethane	9.21	93	152468	56.496	ug/l	98

Data File : VN054978.D
Acq On : 11 Apr 2019 15:21
Operator : JC/SP
Sample : VSTDIC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Quant Time: Apr 12 07:42:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N041119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 12 07:37:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	321028	56.345	ug/l	99
42) Vinyl Acetate	5.90	43	2862275	307.169	ug/l	99
43) Ethyl Acetate	6.94	43	222795	58.587	ug/l	100
44) Isopropyl Acetate	8.17	43	389632	58.787	ug/l	97
45) 1,4-Dioxane	9.20	88	41122	1167.151	ug/l	94
46) Methyl methacrylate	9.20	41	206545	64.756	ug/l	97
47) n-amyl Acetate	12.07	43	291343	60.866	ug/l	98
48) t-1,3-Dichloropropene	10.38	75	299242	53.306	ug/l	98
49) cis-1,3-Dichloropropene	9.84	75	366546	55.173	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	211929	56.201	ug/l	99
51) Ethyl methacrylate	10.43	69	249980	56.326	ug/l	98
52) 1,3-Dichloropropane	10.71	76	371512	57.554	ug/l	100
53) Dibromochloromethane	10.90	129	218299	53.339	ug/l	98
54) 1,2-Dibromoethane	11.00	107	199358	56.118	ug/l	99
55) 2-Chloroethyl vinyl ether	9.69	63	531349	260.357	ug/l	99
56) Bromoform	12.13	173	136374	50.701	ug/l #	99
58) 4-Methyl-2-Pentanone	9.99	43	1114843	308.108	ug/l	99
59) 2-Hexanone	10.75	43	706999	298.960	ug/l	99
61) Tetrachloroethene	10.63	164	246105	53.998	ug/l	100
62) Toluene	10.16	91	1037013	56.968	ug/l	99
64) Chlorobenzene	11.43	112	630181	56.743	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.51	131	226191	55.797	ug/l	99
66) Ethyl Benzene	11.51	91	1118628	58.799	ug/l	100
67) m/p-Xylenes	11.62	106	835778	117.225	ug/l	99
68) o-Xylene	11.95	106	411355	59.289	ug/l	99
69) Styrene	11.96	104	640947	58.956	ug/l	99
70) Isopropylbenzene	12.25	105	1097654	60.244	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.50	83	251051	56.243	ug/l	96
72) 1,2,3-Trichloropropane	12.55	75	299272	87.768	ug/l	59
73) Bromobenzene	12.53	156	261130	57.200	ug/l	99
74) n-propylbenzene	12.59	91	1242634	57.586	ug/l	99
75) 2-Chlorotoluene	12.67	91	740474	58.387	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	884354	57.583	ug/l	98
77) t-1,4-Dichloro-2-butene	12.30	75	51754	44.673	ug/l	91
78) 4-Chlorotoluene	12.77	91	721639	57.347	ug/l	100
79) tert-butylbenzene	12.99	119	774069	57.392	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	886427	58.377	ug/l	99
81) sec-Butylbenzene	13.17	105	1030563	55.948	ug/l	99
82) p-Isopropyltoluene	13.29	119	877523	55.989	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	447700	56.097	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	427144	56.188	ug/l	98
85) n-Butylbenzene	13.61	91	707111	52.710	ug/l	98
86) Hexachloroethane	13.87	117	139574	47.857	ug/l	99
87) 1,2-Dichlorobenzene	13.65	146	440829	56.911	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.27	75	33375	52.945	ug/l	92
89) 1,2,4-Trichlorobenzene	14.91	180	202530	53.444	ug/l	97
90) Hexachlorobutadiene	15.01	225	133624	46.635	ug/l	97
91) Naphthalene	15.13	128	413601	54.992	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	196843	52.091	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN041119\
Quantitation Report (Not Reviewed)

Data File : VN054978.D
Acq On : 11 Apr 2019 15:21
Operator : JC/SP
Sample : VSTDICC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Quant Time: Apr 12 07:42:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N041119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 12 07:37:15 2019
Response via : Initial Calibration

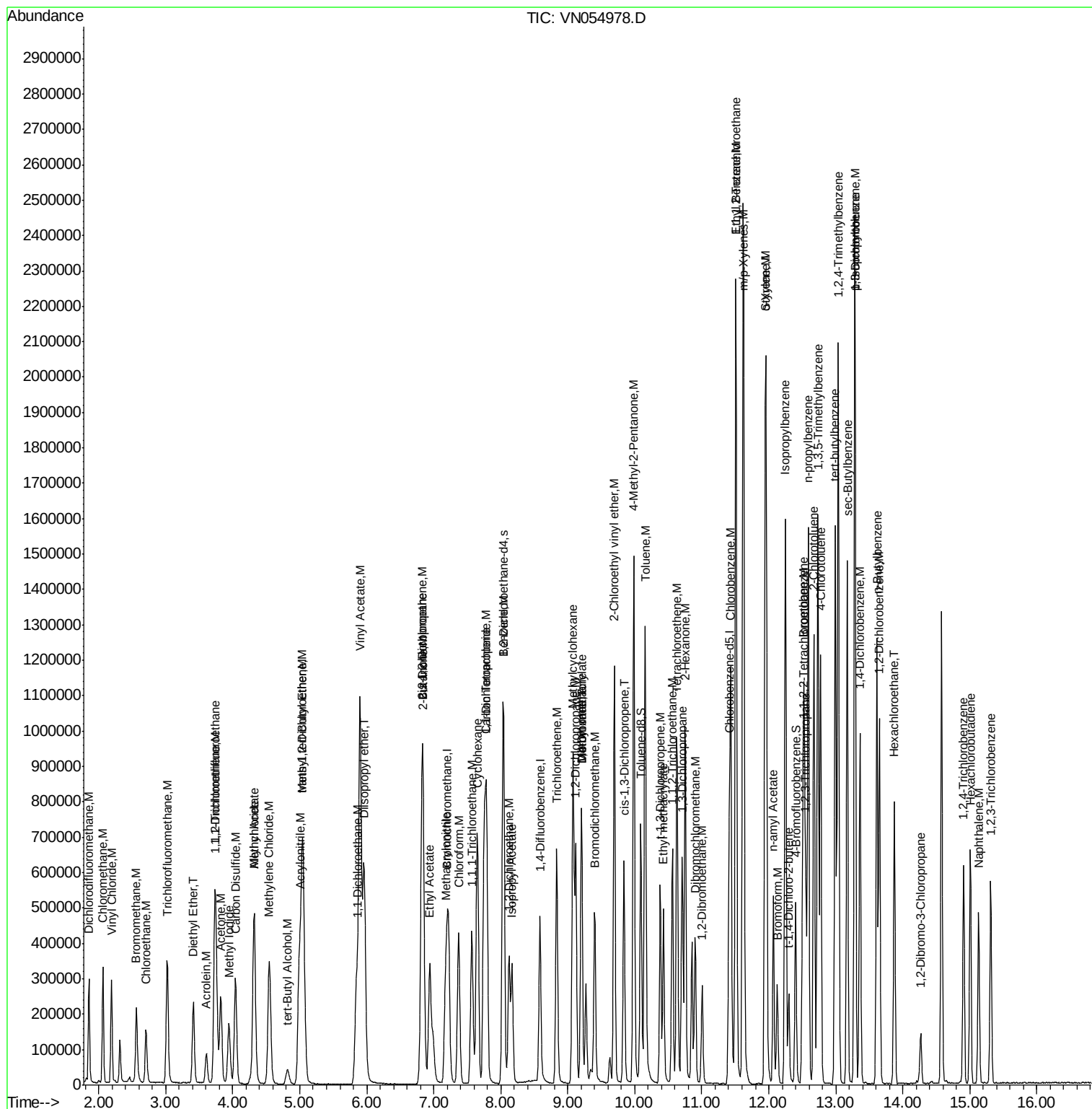
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

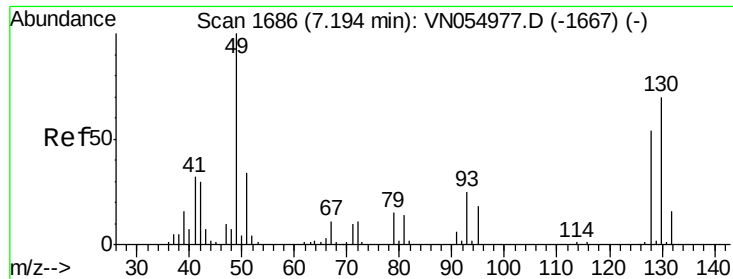
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VN054978.D
Acq On : 11 Apr 2019 15:21
Operator : JC/SP
Sample : VSTDIC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Quant Time: Apr 12 07:42:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N041119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 12 07:37:15 2019
Response via : Initial Calibration

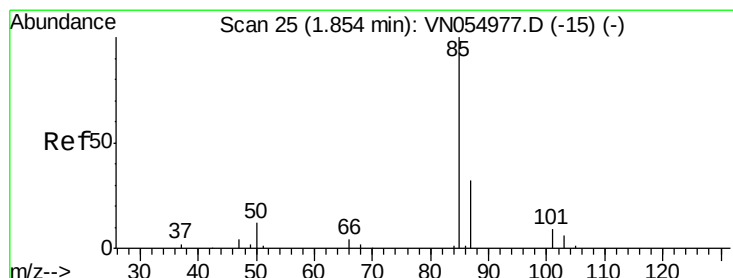
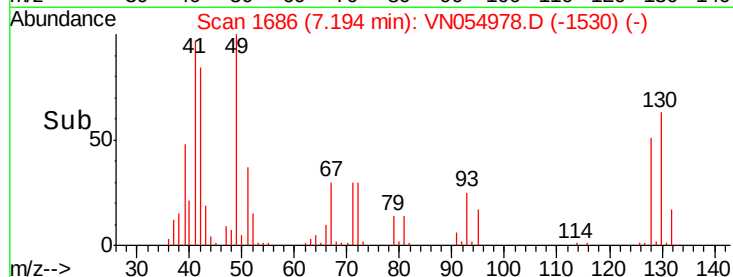
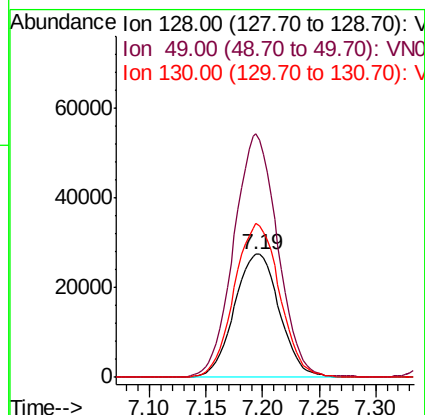
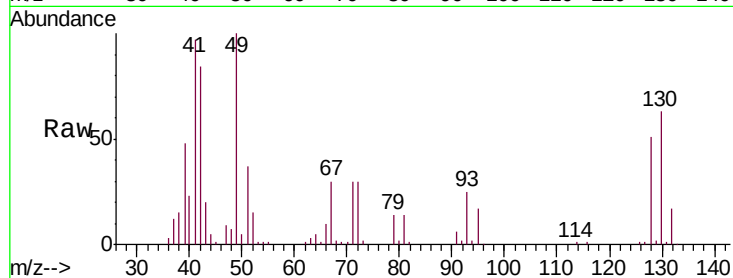




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VN054978.D
Acq: 11 Apr 2019 15:21

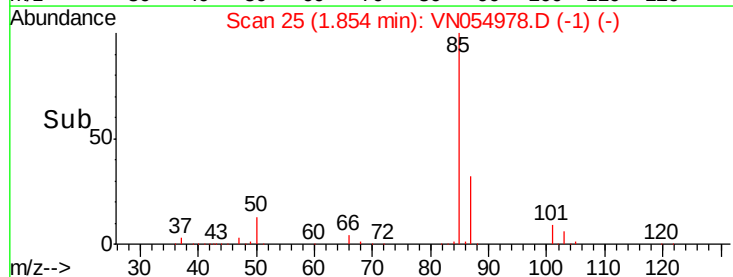
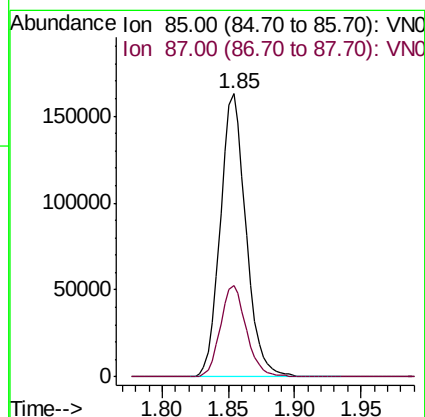
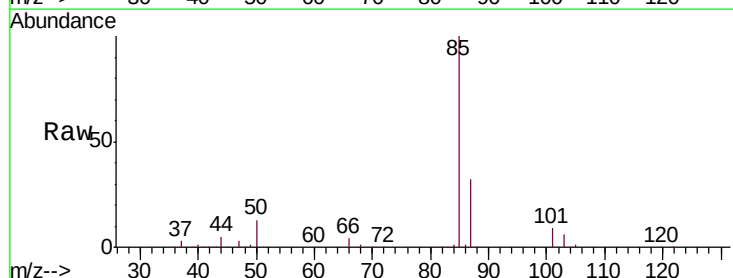
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

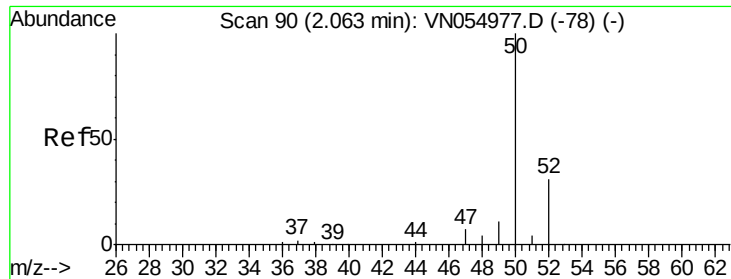
Tgt Ion: 128 Resp: 76417
Ion Ratio Lower Upper
128 100
49 191.5 0.0 480.3
130 125.1 0.0 322.2



#2
Dichlorodifluoromethane
Concen: 57.216 ug/l
RT: 1.85 min Scan# 25
Delta R.T. 0.00 min
Lab File: VN054978.D
Acq: 11 Apr 2019 15:21

Tgt Ion: 85 Resp: 219483
Ion Ratio Lower Upper
85 100
87 32.4 16.1 48.3





#3

Chloromethane

Concen: 58.351 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054978.D

Acq: 11 Apr 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

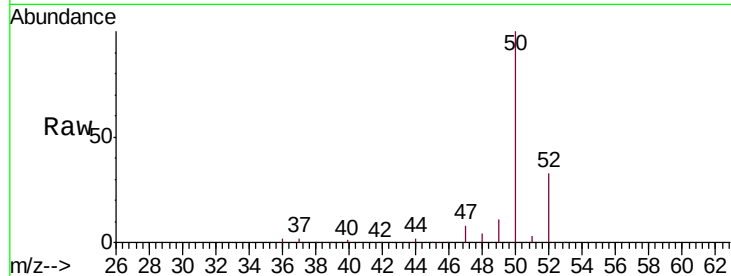
VSTDIC050

Tgt Ion: 50 Resp: 296290

Ion Ratio Lower Upper

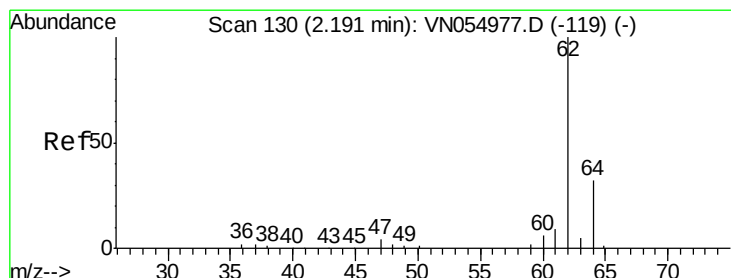
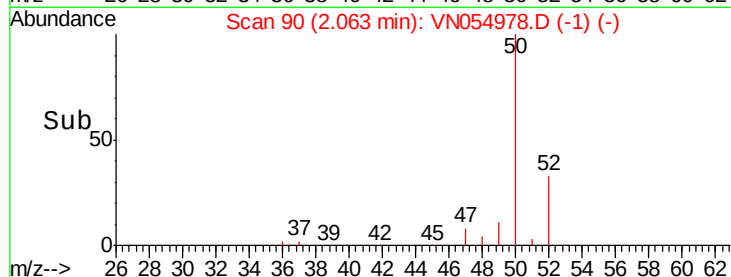
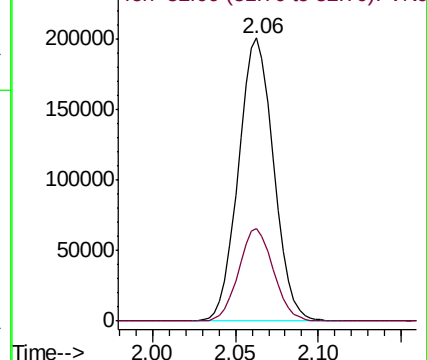
50 100

52 32.6 24.5 36.7



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 51.499 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN054978.D

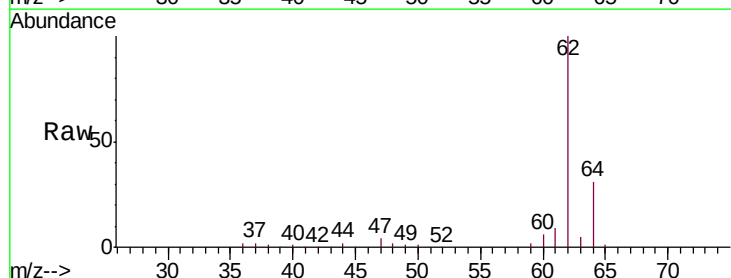
Acq: 11 Apr 2019 15:21

Tgt Ion: 62 Resp: 259370

Ion Ratio Lower Upper

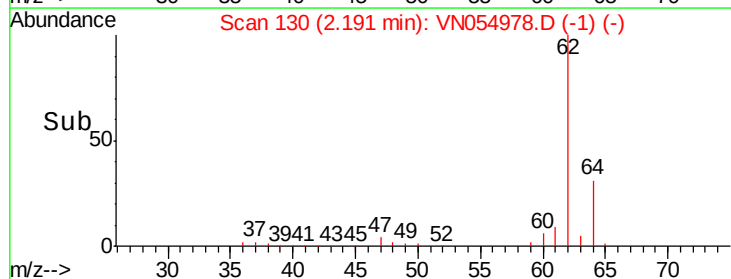
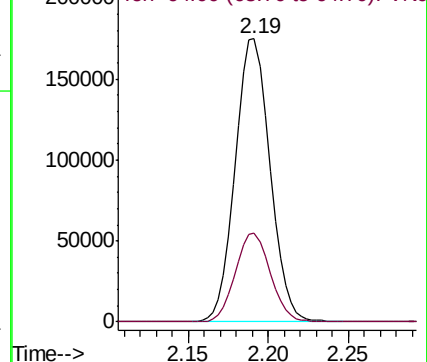
62 100

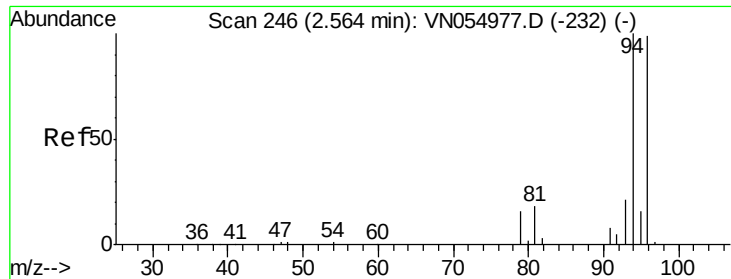
64 31.2 25.6 38.4



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0

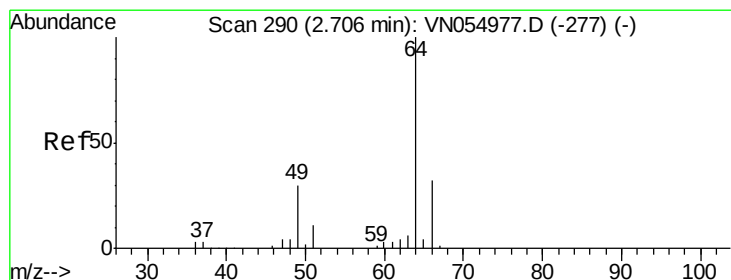
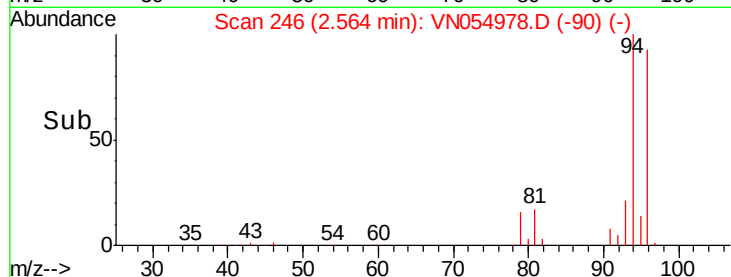
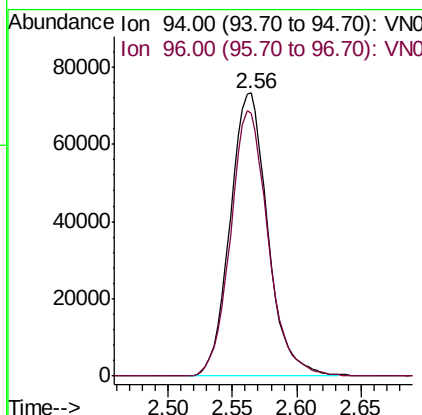
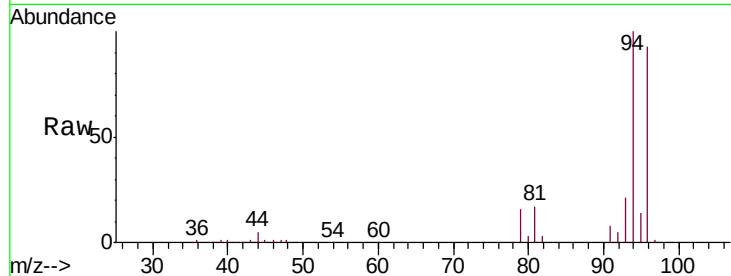




#5
Bromomethane
Concen: 48.358 ug/l
RT: 2.56 min Scan# 246
Delta R.T. 0.00 min
Lab File: VN054978.D
Acq: 11 Apr 2019 15:21

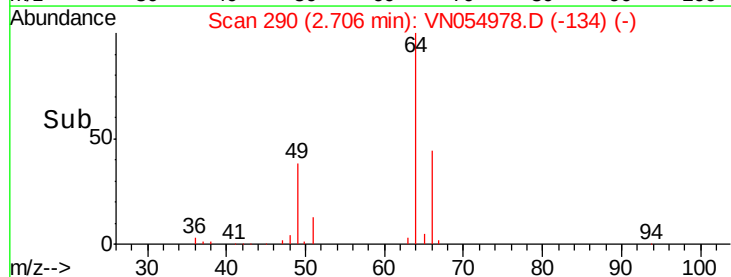
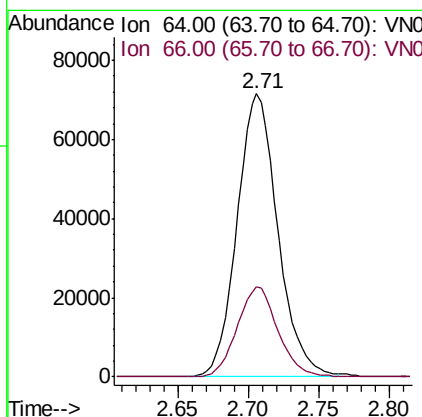
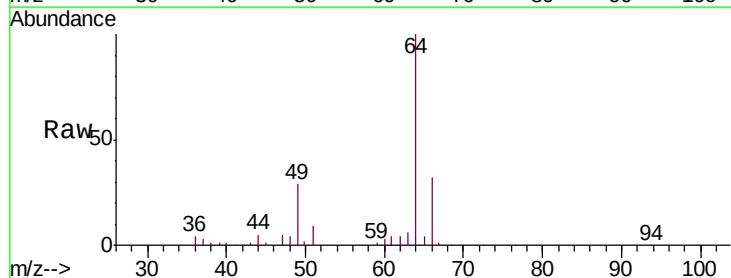
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

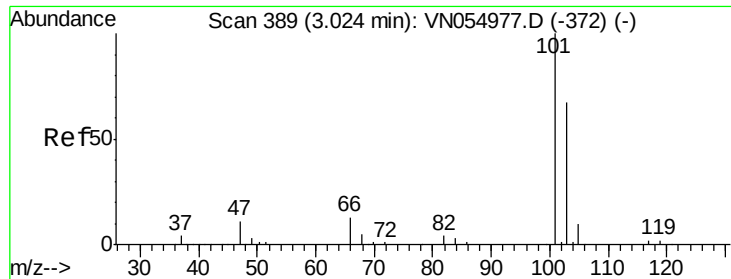
Tgt Ion: 94 Resp: 148964
Ion Ratio Lower Upper
94 100
96 92.9 79.1 118.7



#6
Chloroethane
Concen: 49.026 ug/l
RT: 2.71 min Scan# 290
Delta R.T. 0.00 min
Lab File: VN054978.D
Acq: 11 Apr 2019 15:21

Tgt Ion: 64 Resp: 144554
Ion Ratio Lower Upper
64 100
66 31.7 25.7 38.5



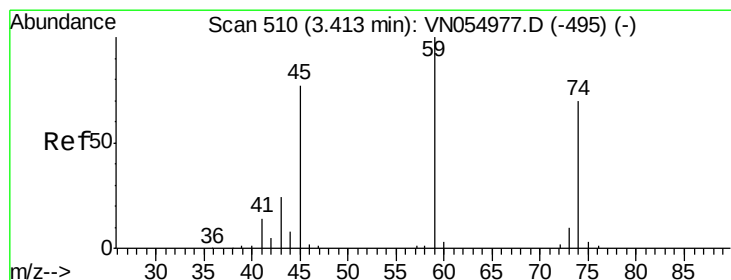
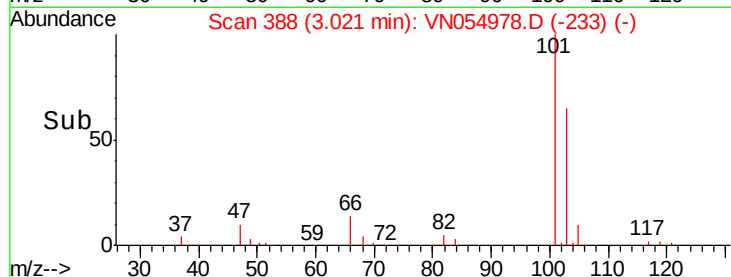
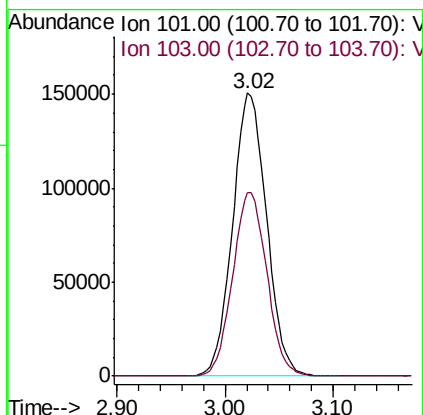
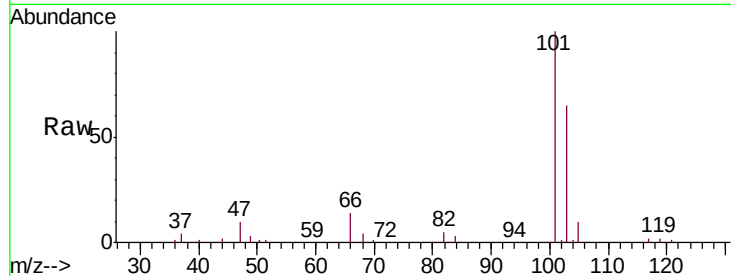


#7

Trichlorofluoromethane
 Concen: 53.869 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

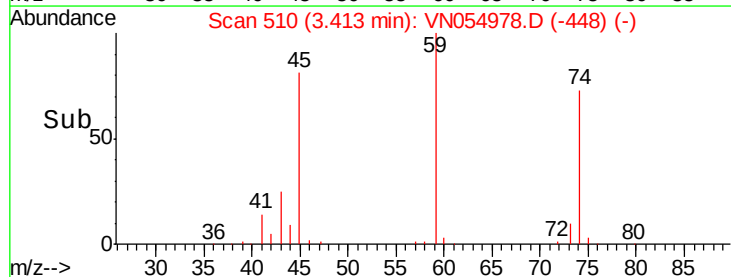
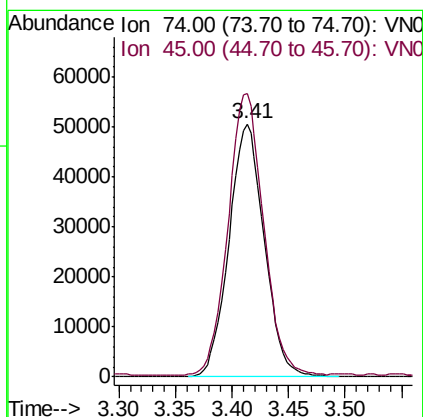
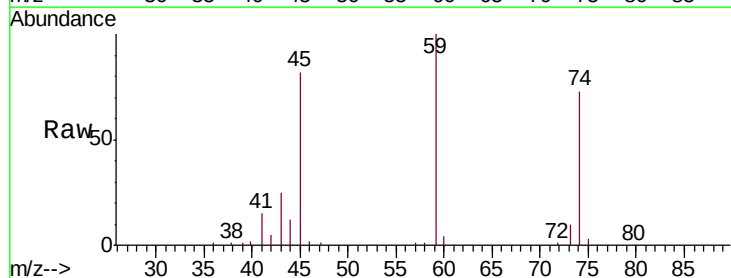
Tgt Ion: 101 Resp: 330868
 Ion Ratio Lower Upper
 101 100
 103 64.9 53.4 80.0

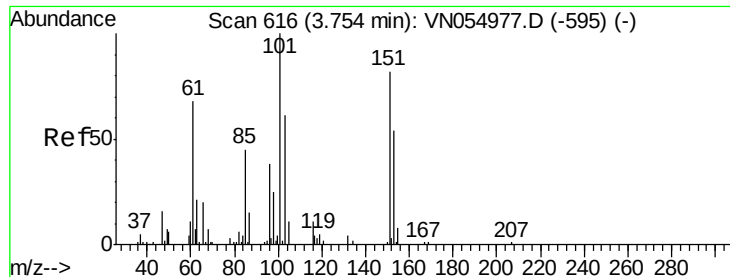


#8

Diethyl Ether
 Concen: 48.665 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

Tgt Ion: 74 Resp: 110158
 Ion Ratio Lower Upper
 74 100
 45 112.6 22.9 205.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.112 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN054978.D

Acq: 11 Apr 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

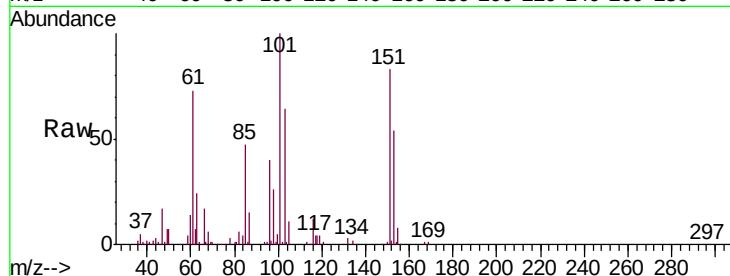
Tgt Ion: 101 Resp: 180483

Ion Ratio Lower Upper

101 100

85 46.4 0.0 91.4

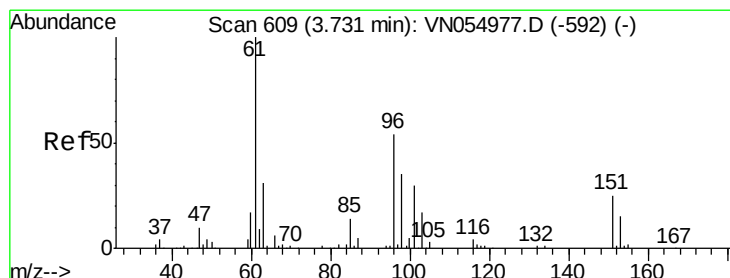
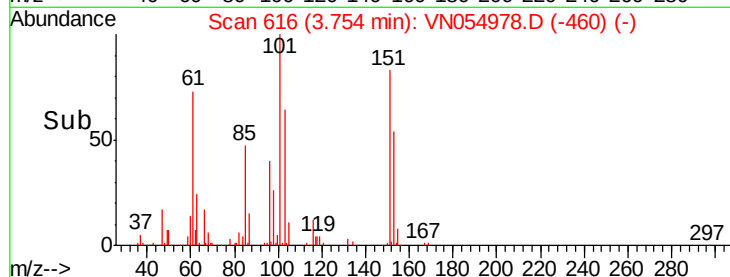
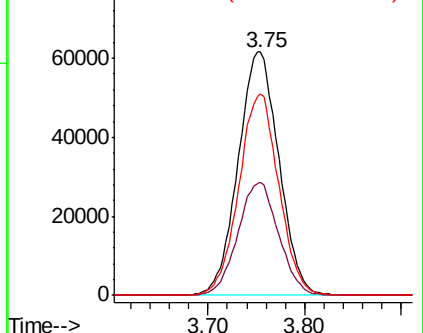
151 81.1 0.0 165.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 45.312 ug/l

RT: 3.73 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN054978.D

Acq: 11 Apr 2019 15:21

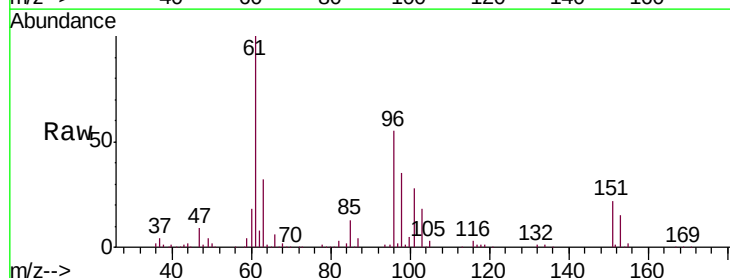
Tgt Ion: 96 Resp: 165309

Ion Ratio Lower Upper

96 100

61 183.0 148.4 222.6

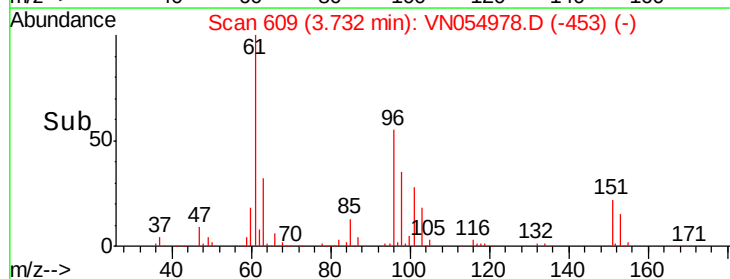
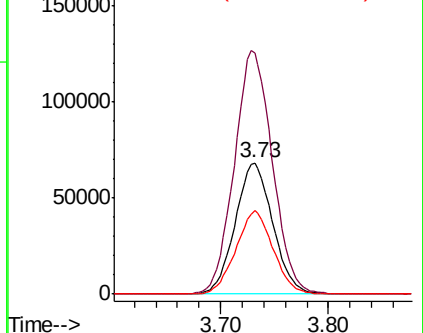
98 63.3 52.2 78.2

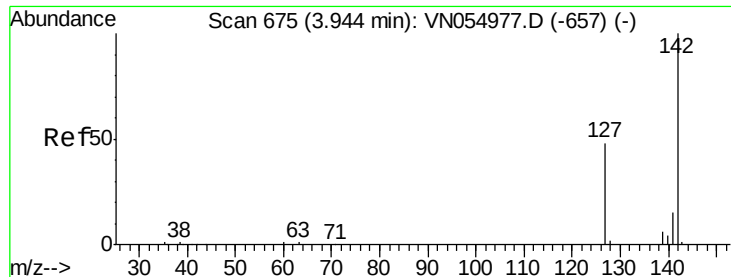


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

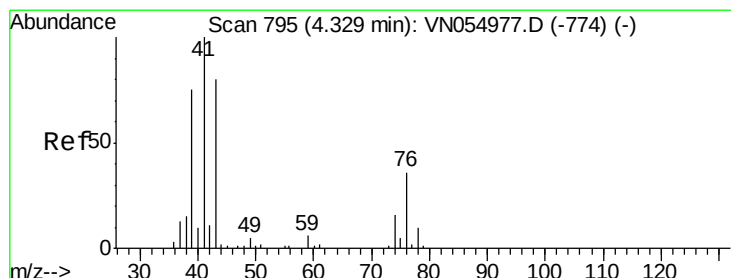
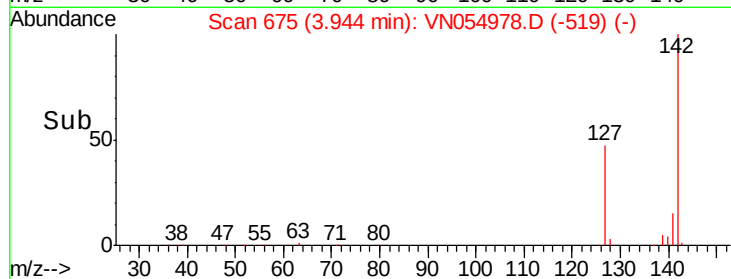
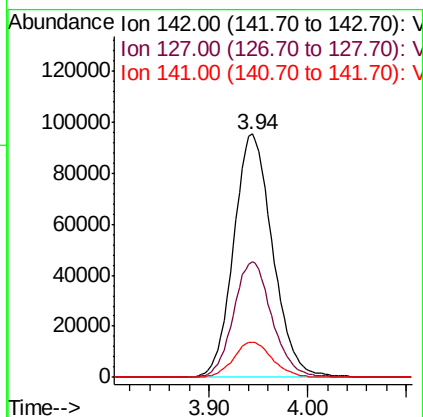
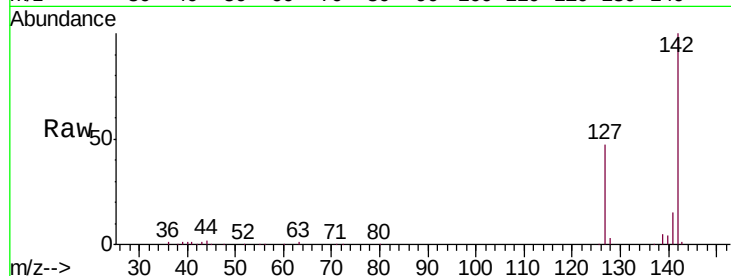




#11
Methyl Iodide
Concen: 48.684 ug/l
RT: 3.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: VN054978.D
Acq: 11 Apr 2019 15:21

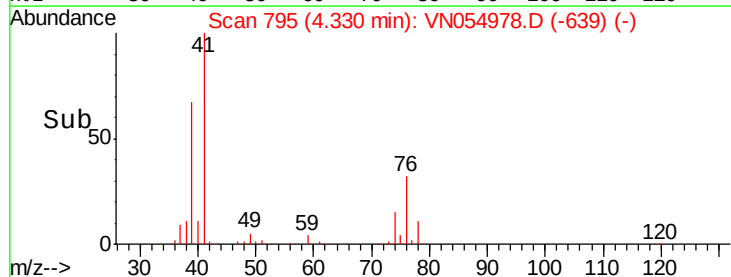
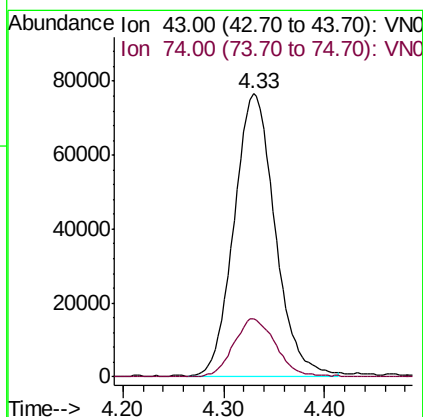
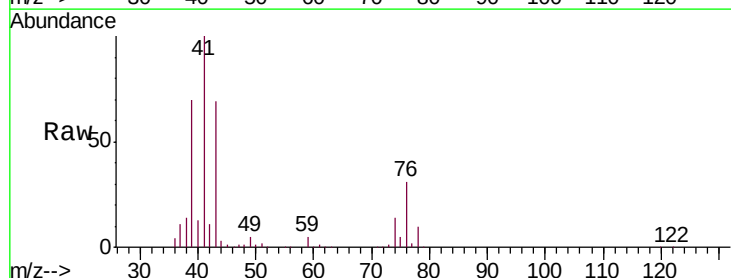
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

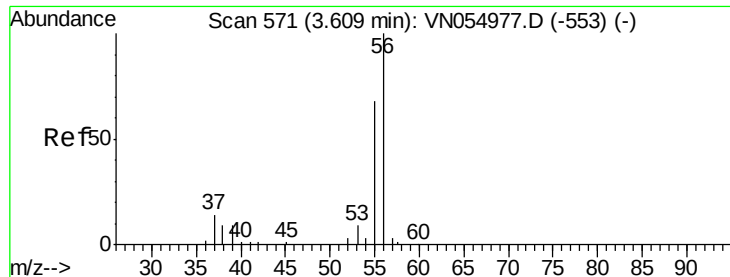
Tgt Ion: 142 Resp: 261099
Ion Ratio Lower Upper
142 100
127 47.4 23.8 71.5
141 14.6 7.3 22.0



#12
Methyl Acetate
Concen: 68.375 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN054978.D
Acq: 11 Apr 2019 15:21

Tgt Ion: 43 Resp: 214411
Ion Ratio Lower Upper
43 100
74 20.5 16.2 24.4

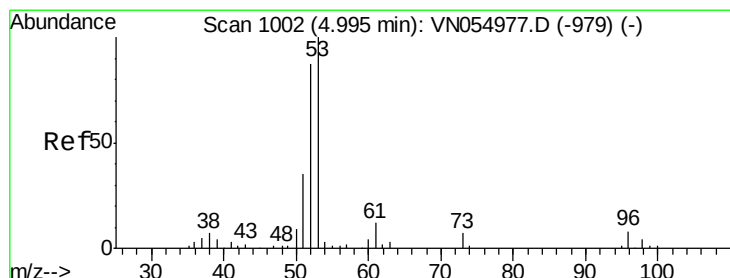
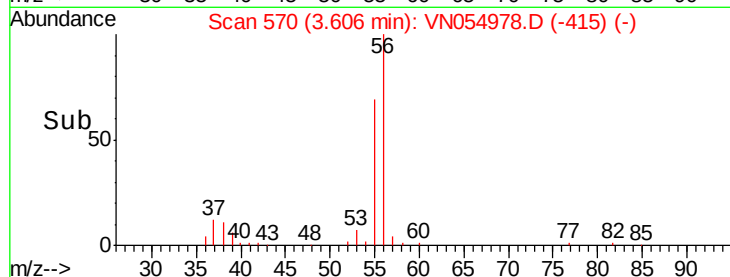
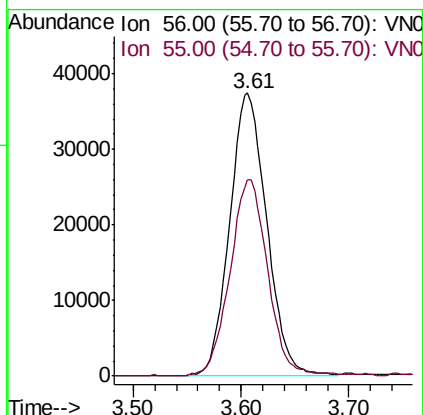
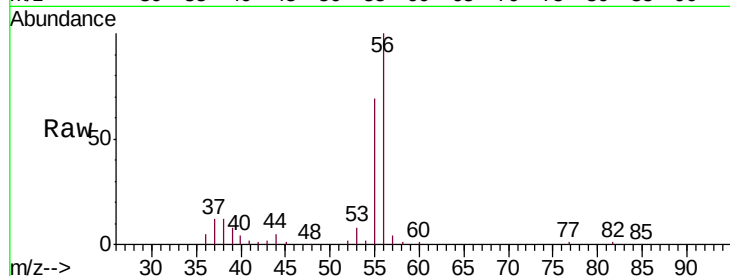




#13
Acrolein
Concen: 298.545 ug/l
RT: 3.61 min Scan# 570
Delta R.T. -0.00 min
Lab File: VN054978.D
Acq: 11 Apr 2019 15:21

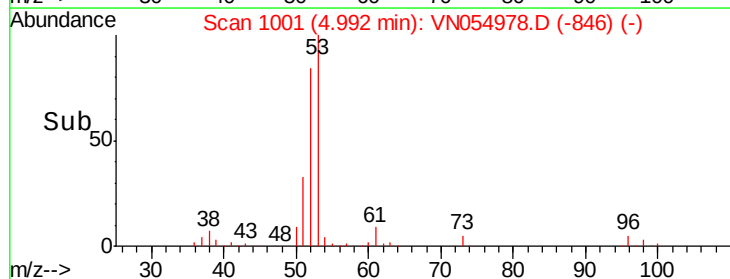
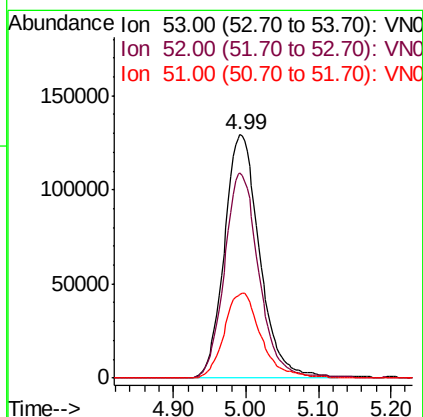
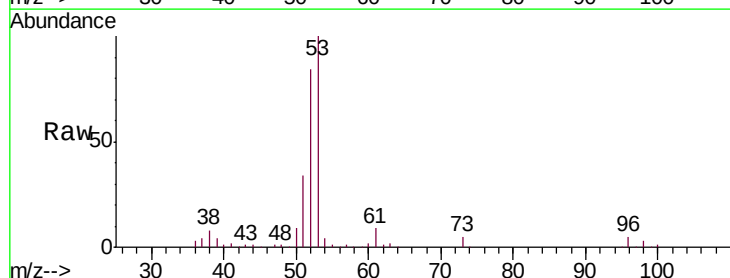
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

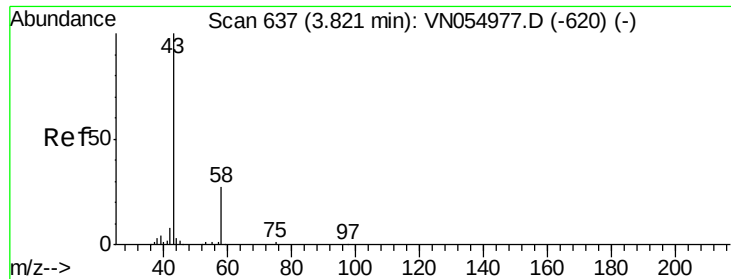
Tgt Ion: 56 Resp: 89774
Ion Ratio Lower Upper
56 100
55 70.3 57.0 85.4



#14
Acrylonitrile
Concen: 296.200 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN054978.D
Acq: 11 Apr 2019 15:21

Tgt Ion: 53 Resp: 436981
Ion Ratio Lower Upper
53 100
52 81.6 42.3 126.8
51 36.4 18.6 56.0





#15

Acetone

Concen: 253.125 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054978.D

Acq: 11 Apr 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

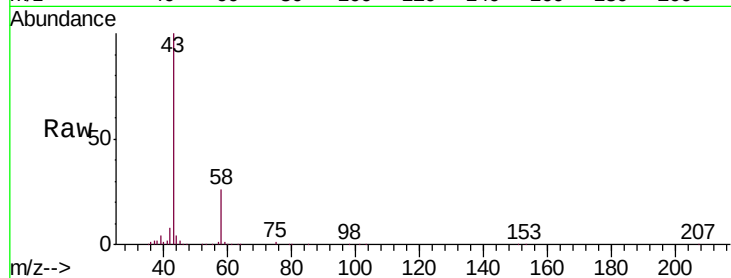
VSTDIC050

Tgt Ion: 58 Resp: 108125

Ion Ratio Lower Upper

58 100

43 383.1 297.2 445.8



Abundance Ion 58.00 (57.70 to 58.70): VN054977.D (-620) (-)

Ion 43.00 (42.70 to 43.70): VN054977.D (-620) (-)

150000

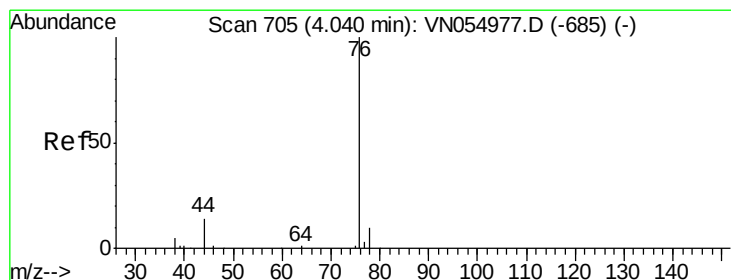
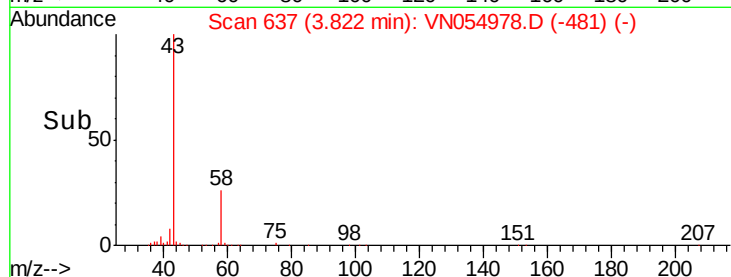
100000

50000

0

3.70 3.80 3.90

Time-->



#16

Carbon Disulfide

Concen: 48.655 ug/l

RT: 4.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN054978.D

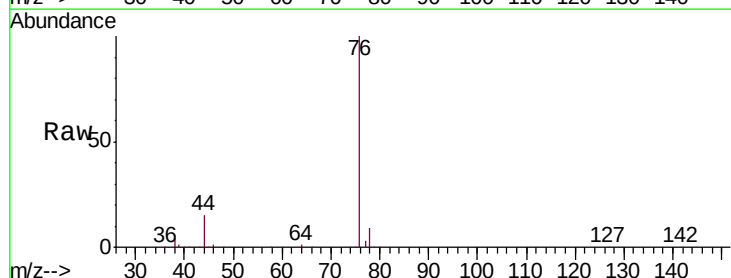
Acq: 11 Apr 2019 15:21

Tgt Ion: 76 Resp: 572957

Ion Ratio Lower Upper

76 100

78 9.0 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VN054977.D (-685) (-)

Ion 78.00 (77.70 to 78.70): VN054977.D (-685) (-)

250000

200000

150000

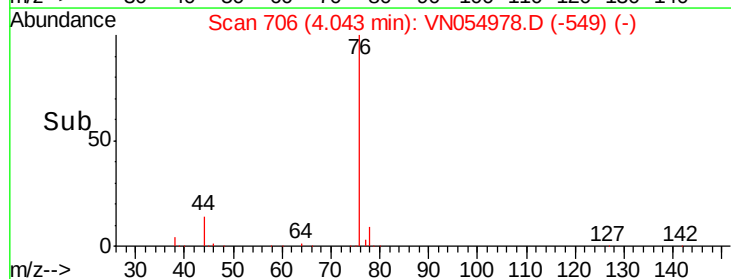
100000

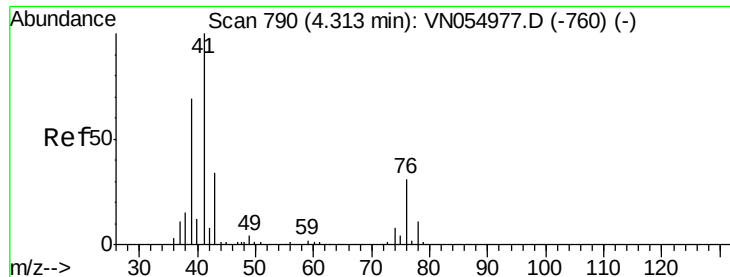
50000

0

4.00 4.10

Time-->

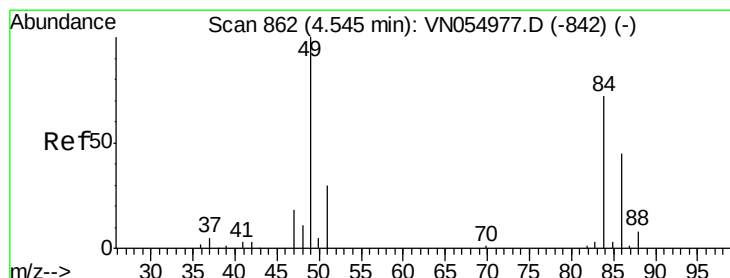
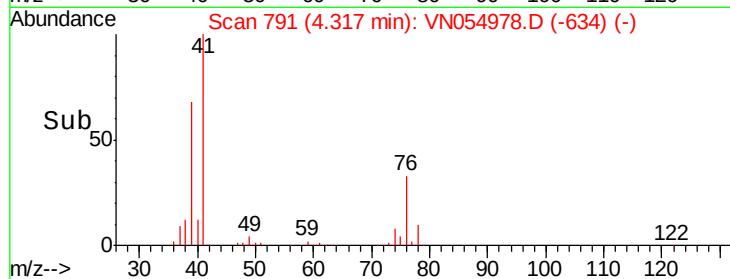
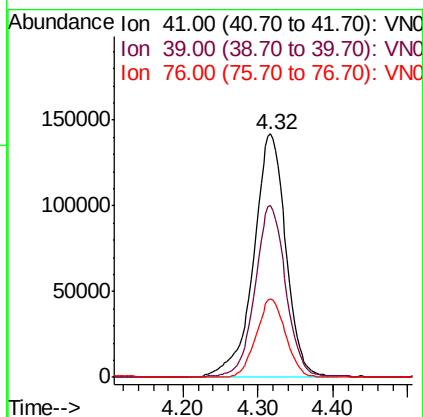
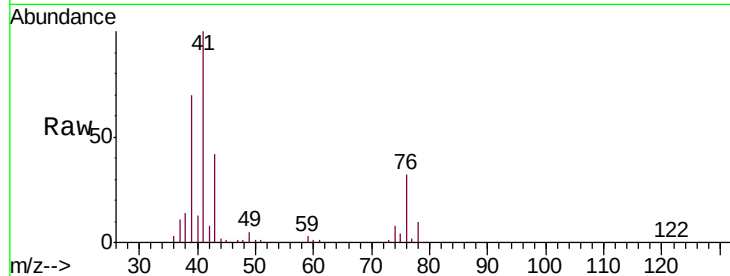




#17
 Allyl chloride
 Concen: 65.006 ug/l
 RT: 4.32 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

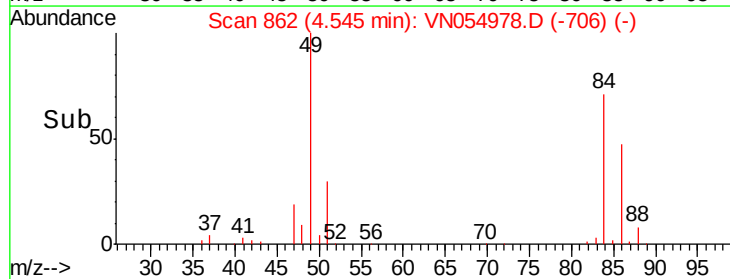
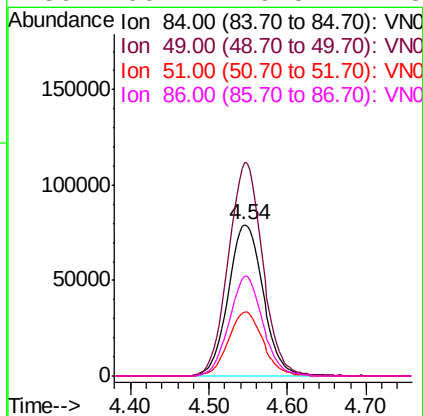
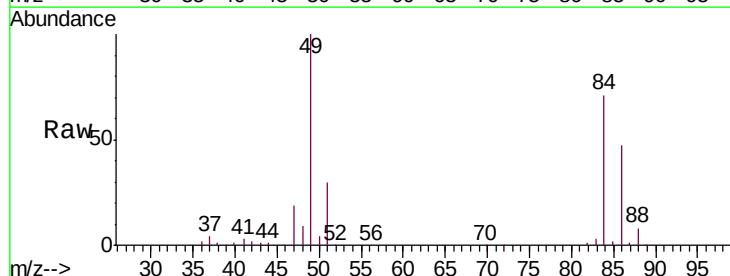
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

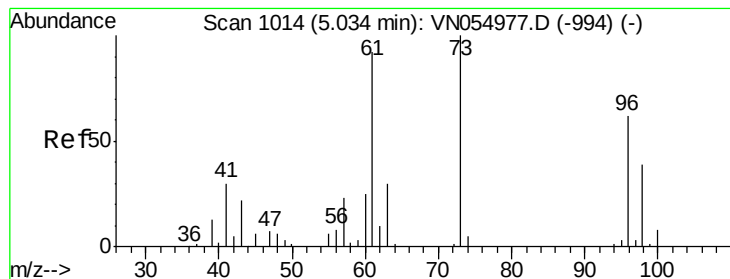
Tgt Ion: 41 Resp: 424998
 Ion Ratio Lower Upper
 41 100
 39 70.3 34.3 102.9
 76 32.3 15.8 47.3



#18
 Methylene Chloride
 Concen: 57.259 ug/l
 RT: 4.54 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

Tgt Ion: 84 Resp: 245317
 Ion Ratio Lower Upper
 84 100
 49 140.6 111.0 166.4
 51 42.0 33.4 50.2
 86 66.2 49.5 74.3





#19

trans-1,2-Dichloroethene

Concen: 56.680 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VN054978.D

Acq: 11 Apr 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

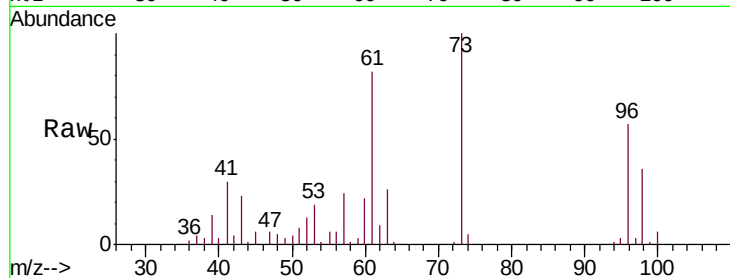
Tgt Ion: 96 Resp: 226241

Ion Ratio Lower Upper

96 100

61 144.8 117.2 175.8

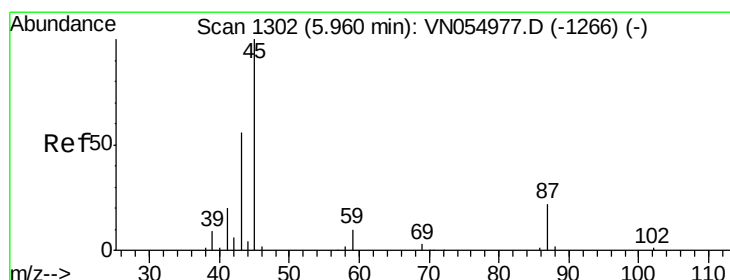
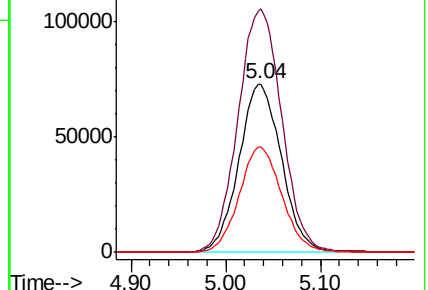
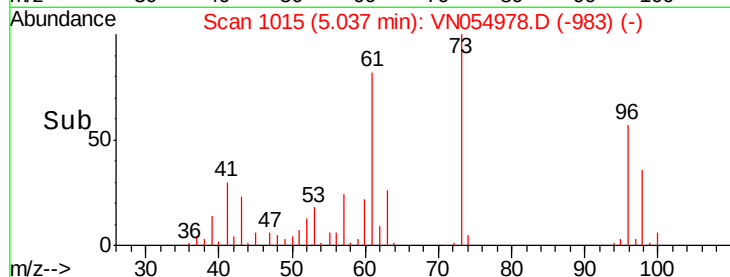
98 62.8 49.4 74.2



Abundance Ion 96.00 (95.70 to 96.70): VN054977.D (-994) (-)

Ion 61.00 (60.70 to 61.70): VN054977.D (-994) (-)

Ion 98.00 (97.70 to 98.70): VN054977.D (-994) (-)



#20

Diisopropyl ether

Concen: 65.855 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VN054978.D

Acq: 11 Apr 2019 15:21

Tgt Ion: 45 Resp: 864929

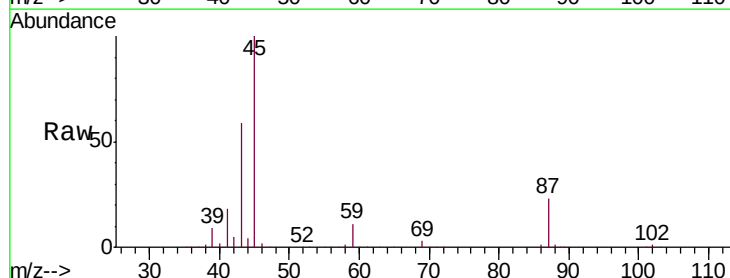
Ion Ratio Lower Upper

45 100

43 58.4 45.8 68.8

87 23.1 18.2 27.4

59 10.4 8.2 12.2

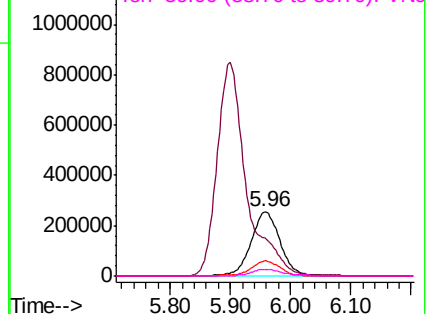
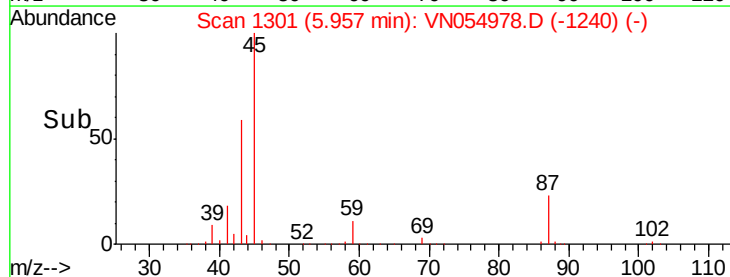


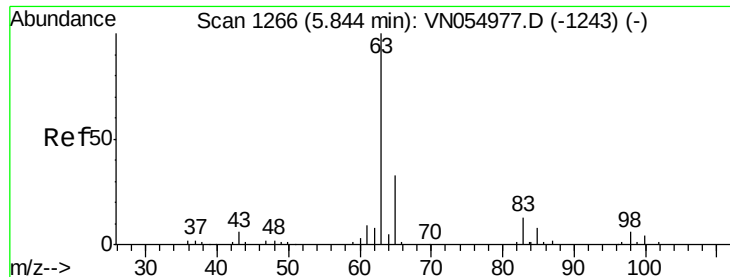
Abundance Ion 45.00 (44.70 to 45.70): VN054977.D (-1266) (-)

Ion 43.00 (42.70 to 43.70): VN054977.D (-1266) (-)

Ion 87.00 (86.70 to 87.70): VN054977.D (-1266) (-)

Ion 59.00 (58.70 to 59.70): VN054977.D (-1266) (-)

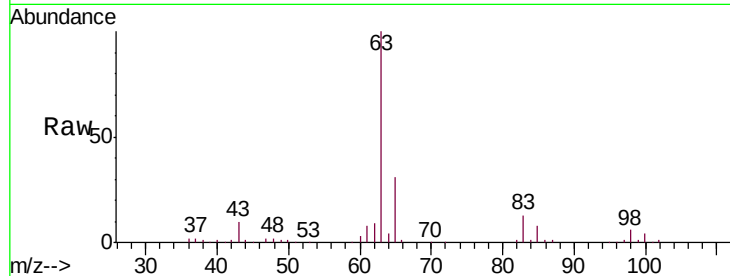




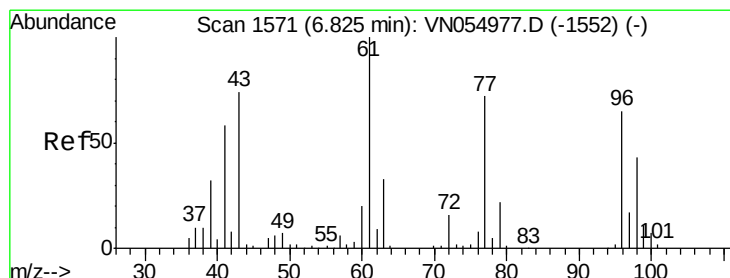
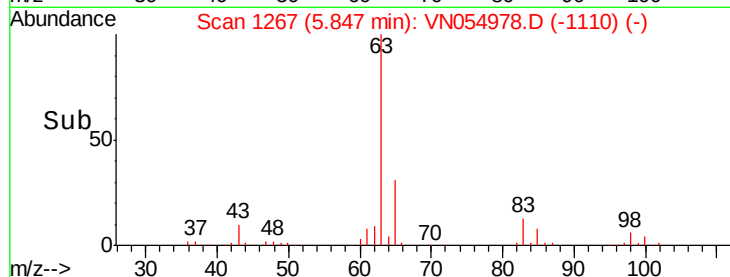
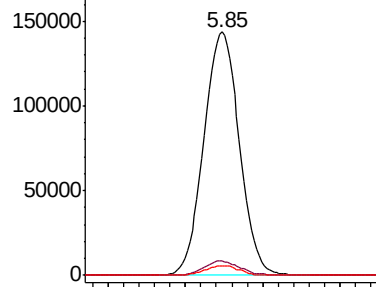
#21
 1,1-Dichloroethane
 Concen: 59.117 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion: 63 Resp: 457945
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.9 8.7
 100 3.7 2.0 5.8

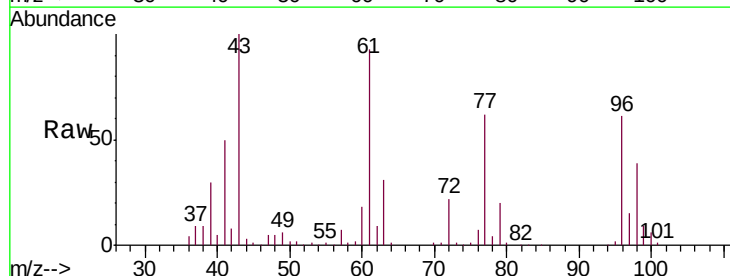


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

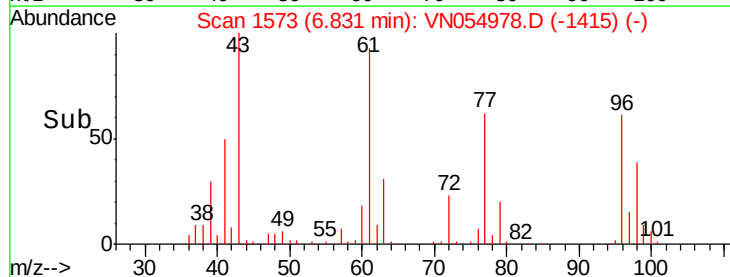
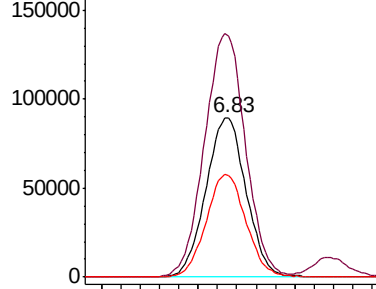


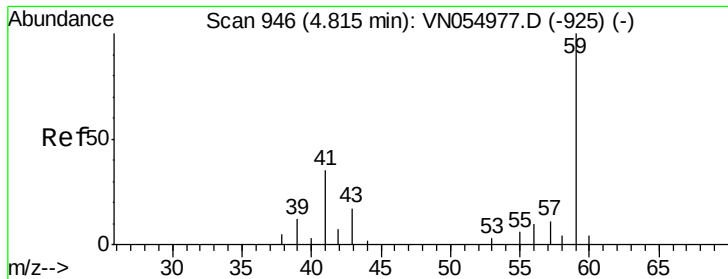
#22
 cis-1,2-Dichloroethene
 Concen: 57.946 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.01 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

Tgt Ion: 96 Resp: 258331
 Ion Ratio Lower Upper
 96 100
 61 156.2 125.0 187.6
 98 64.1 52.2 78.2



Abundance Ion 96.00 (95.70 to 96.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0



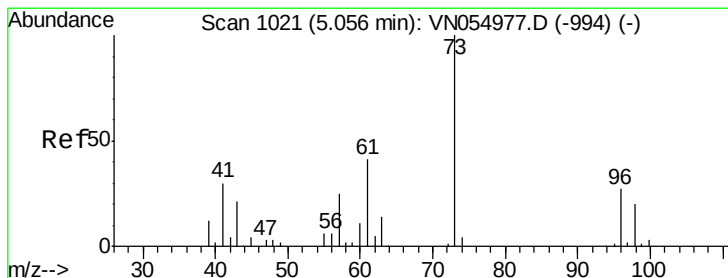
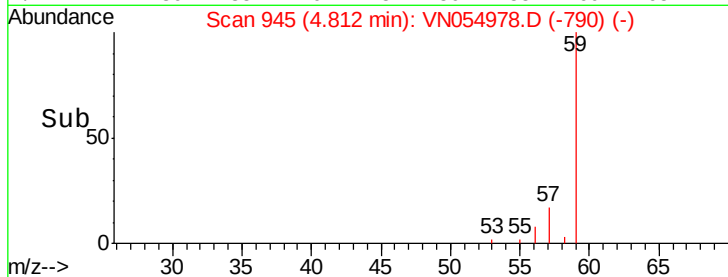
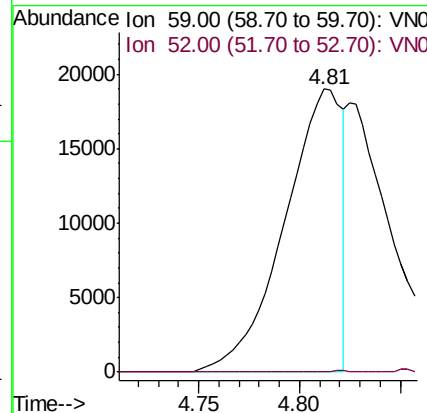
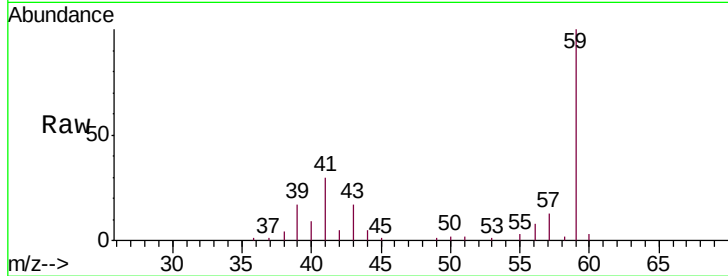


#23

tert-Butyl Alcohol
 Concen: 144.856 ug/l
 RT: 4.81 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

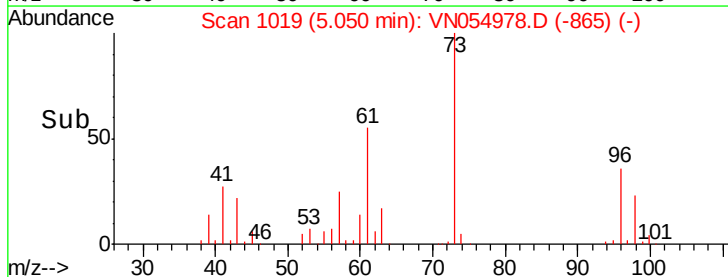
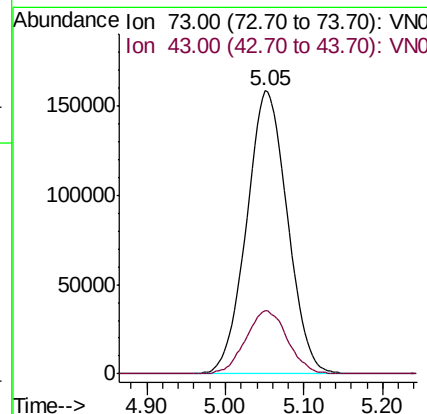
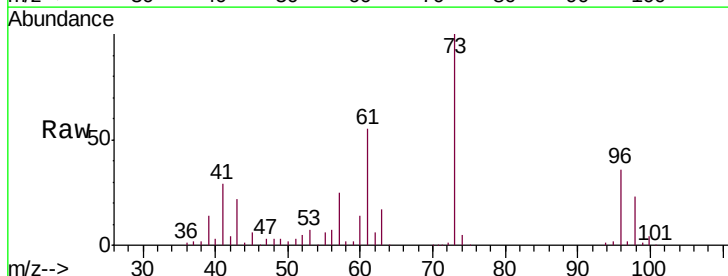
Tgt Ion: 59 Resp: 37709
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.0 0.0#

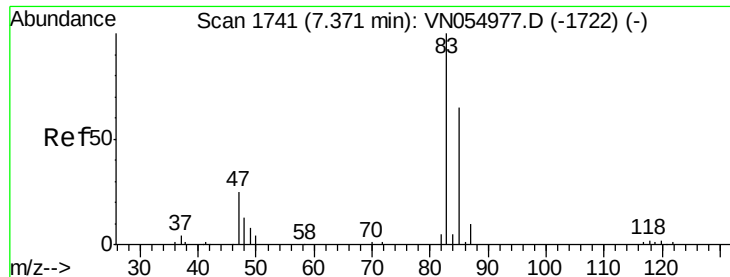


#24

Methyl tert-Butyl Ether
 Concen: 58.704 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

Tgt Ion: 73 Resp: 580181
 Ion Ratio Lower Upper
 73 100
 43 22.6 8.0 12.0#

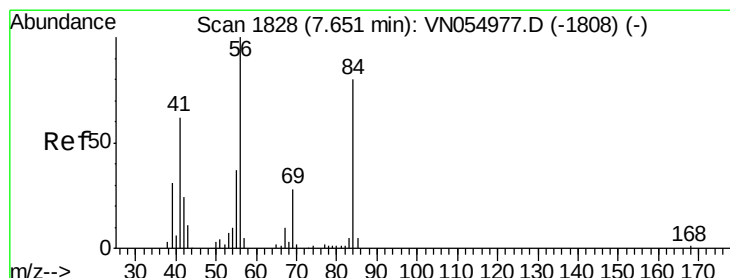
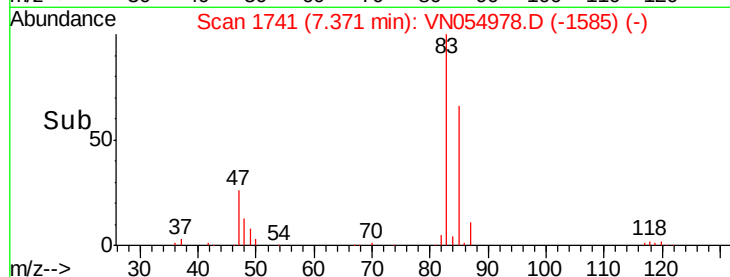
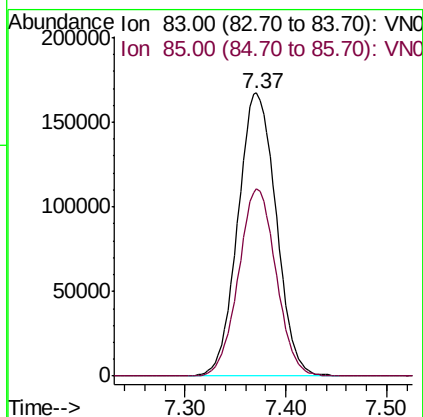
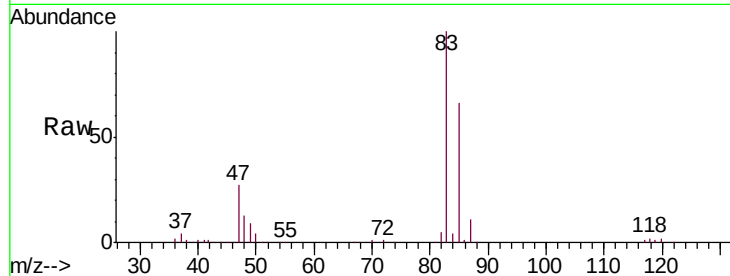




#25
Chloroform
Concen: 58.934 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN054978.D
Acq: 11 Apr 2019 15:21

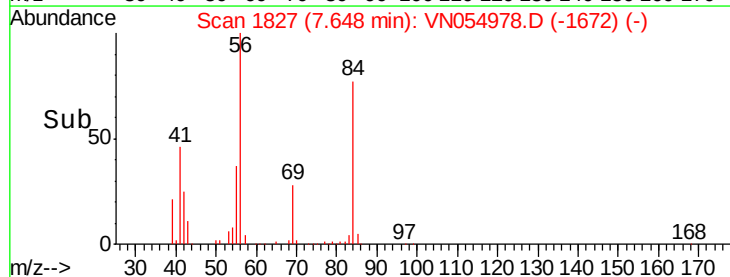
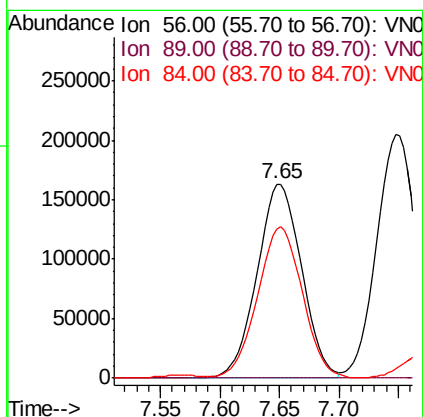
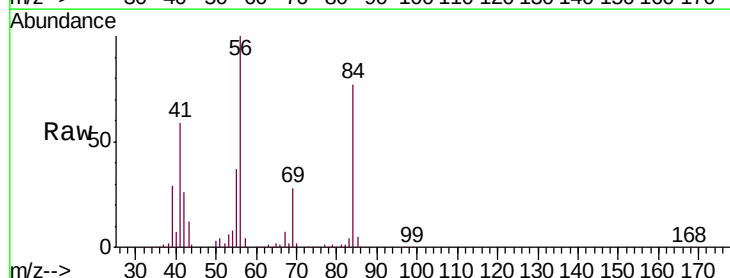
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

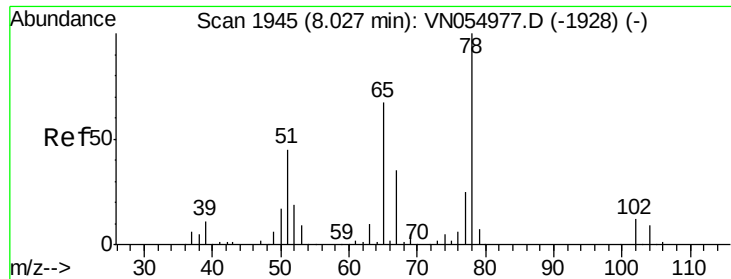
Tgt Ion: 83 Resp: 440014
Ion Ratio Lower Upper
83 100
85 66.3 51.8 77.8



#26
Cyclohexane
Concen: 60.347 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN054978.D
Acq: 11 Apr 2019 15:21

Tgt Ion: 56 Resp: 423119
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 77.8 63.5 95.3

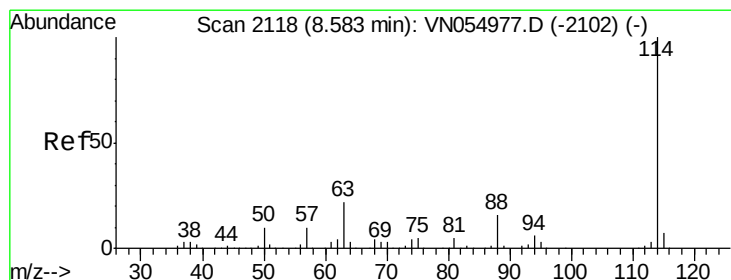
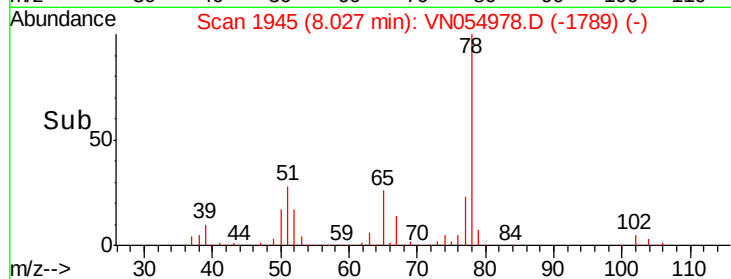
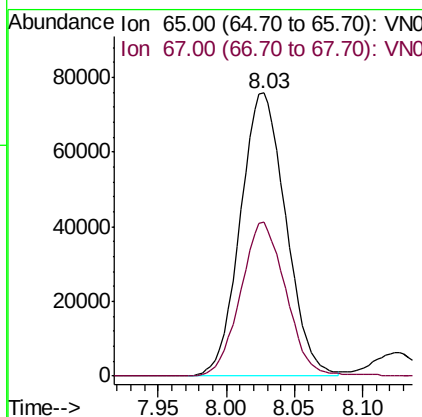
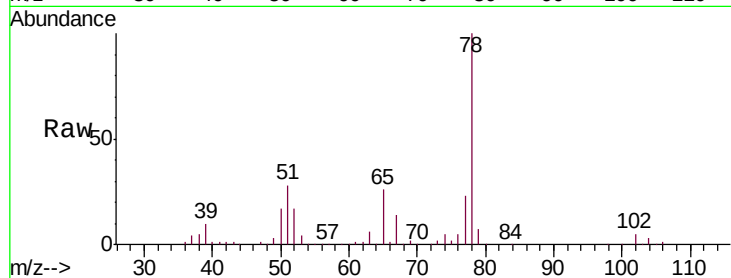




#27
 1,2-Dichloroethane-d4
 Concen: 60.347 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

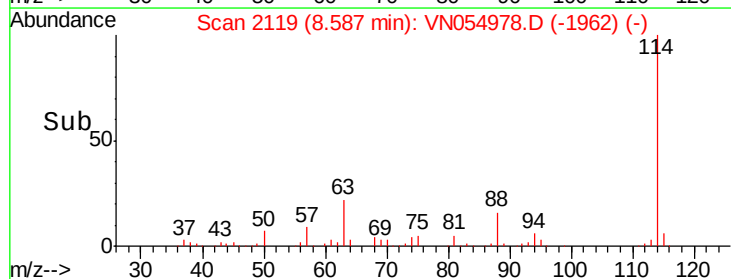
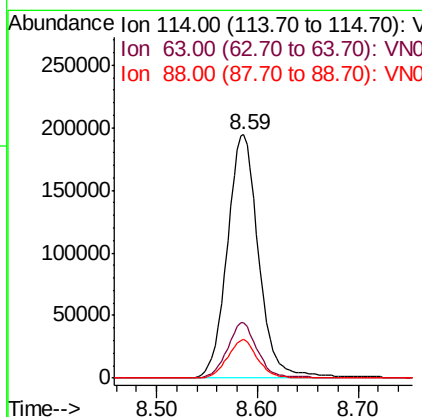
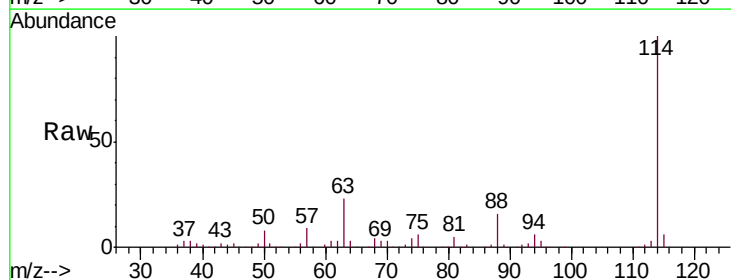
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

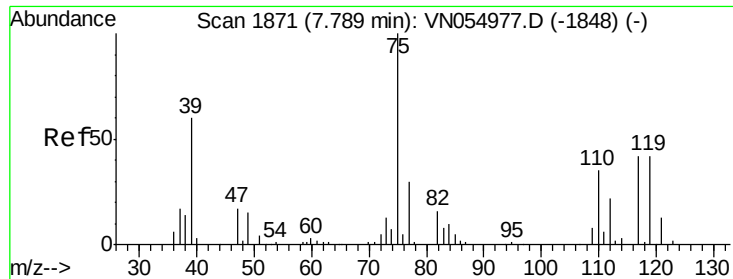
Tgt Ion: 65 Resp: 175602
 Ion Ratio Lower Upper
 65 100
 67 54.1 41.8 62.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

Tgt Ion: 114 Resp: 420938
 Ion Ratio Lower Upper
 114 100
 63 21.6 17.0 25.4
 88 15.0 12.3 18.5

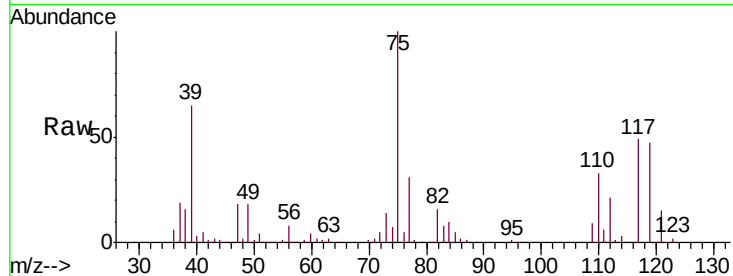




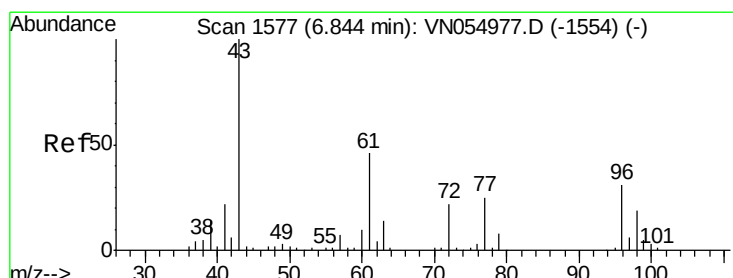
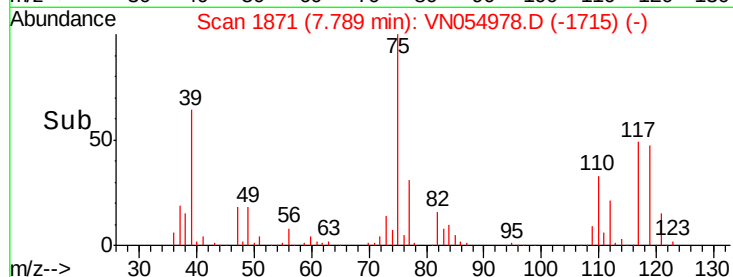
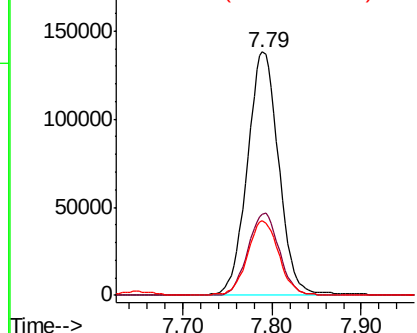
#29
 1,1-Dichloropropene
 Concen: 58.739 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion: 75 Resp: 339374
 Ion Ratio Lower Upper
 75 100
 110 33.6 0.0 68.4
 77 30.8 0.0 58.6

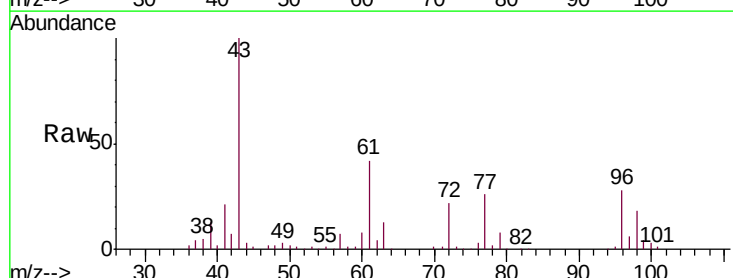


Abundance Ion 75.00 (74.70 to 75.70): VN0
 Ion 110.00 (109.70 to 110.70): V
 Ion 77.00 (76.70 to 77.70): VN0

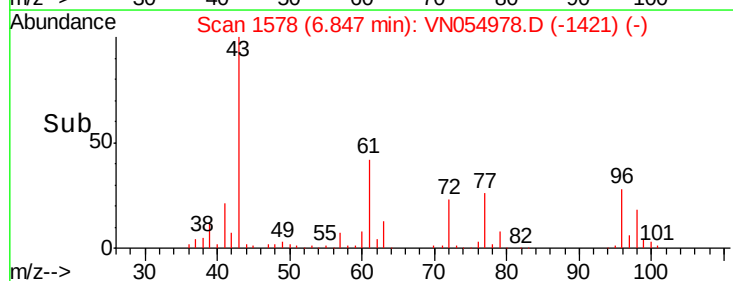
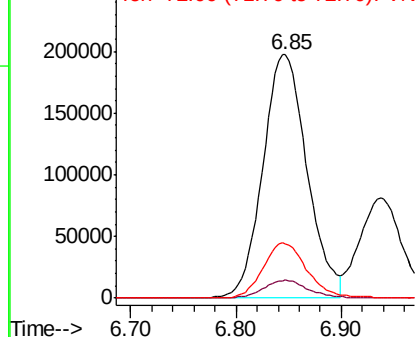


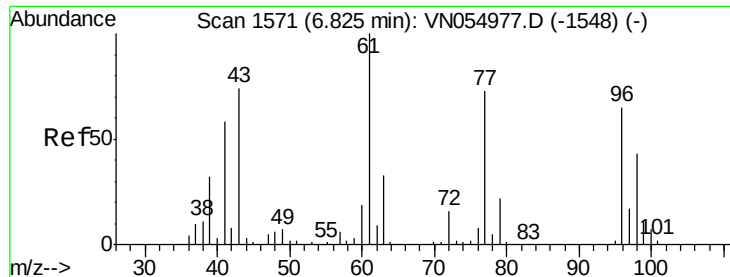
#30
 2-Butanone
 Concen: 313.179 ug/l
 RT: 6.85 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

Tgt Ion: 43 Resp: 570262
 Ion Ratio Lower Upper
 43 100
 57 7.5 6.0 9.0
 72 22.6 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0
 Ion 72.00 (71.70 to 72.70): VN0

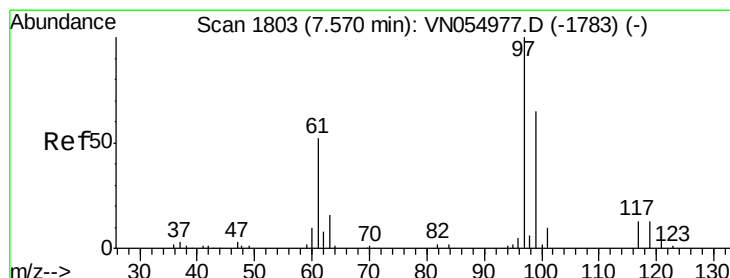
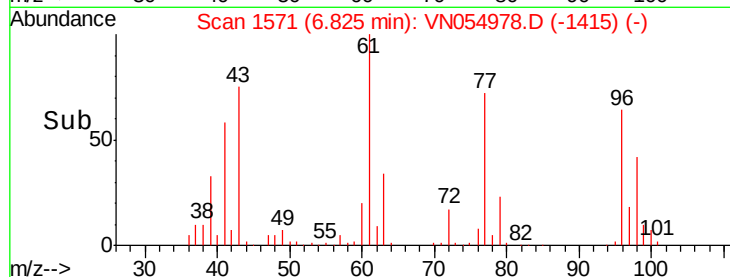
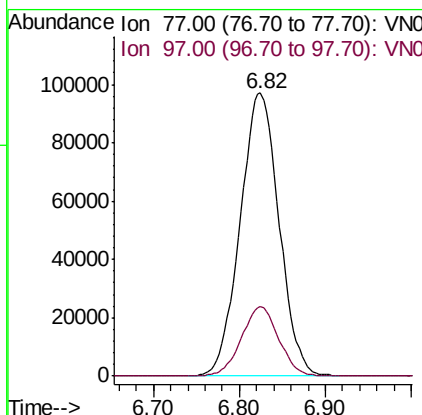
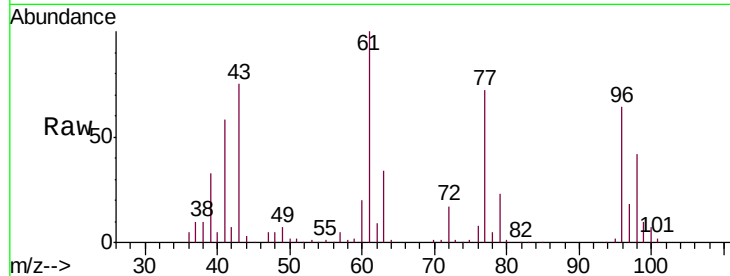




#31
 2,2-Dichloropropane
 Concen: 53.827 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

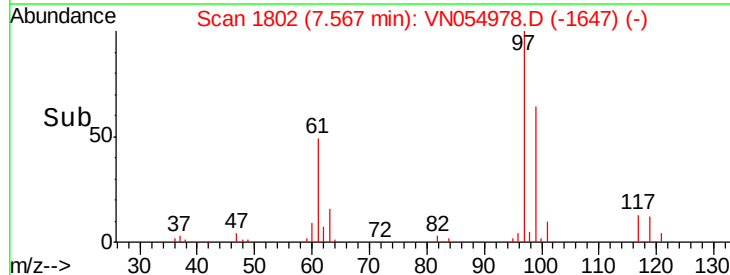
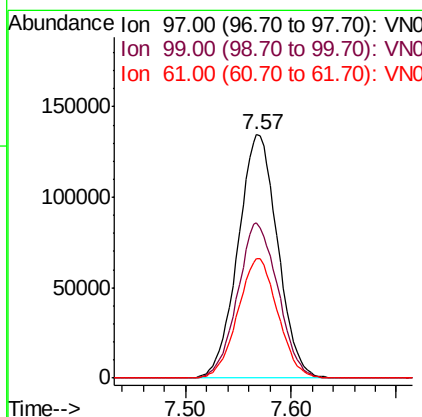
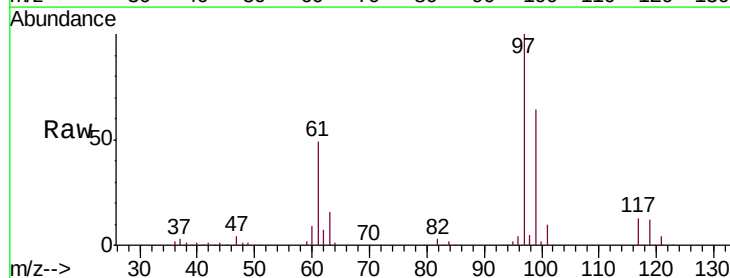
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC050

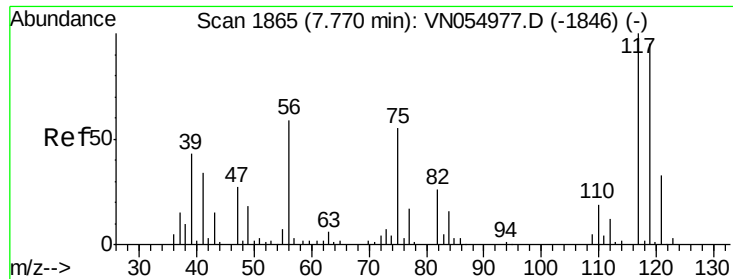
Tgt Ion: 77 Resp: 305387
 Ion Ratio Lower Upper
 77 100
 97 23.5 0.0 0.0#



#32
 1,1,1-Trichloroethane
 Concen: 56.647 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

Tgt Ion: 97 Resp: 351951
 Ion Ratio Lower Upper
 97 100
 99 64.9 51.2 76.8
 61 49.5 40.6 60.8





#33

Carbon Tetrachloride

Concen: 54.920 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN054978.D

Acq: 11 Apr 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

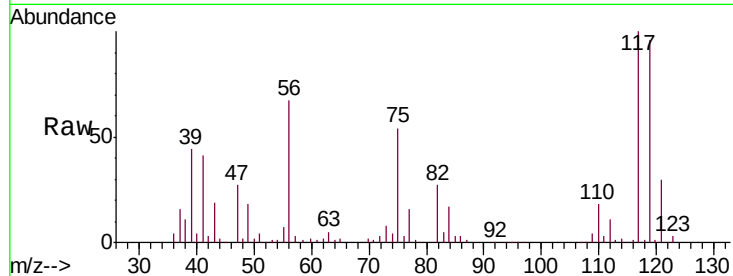
Tgt Ion:117 Resp: 301446

Ion Ratio Lower Upper

117 100

119 96.2 76.1 114.1

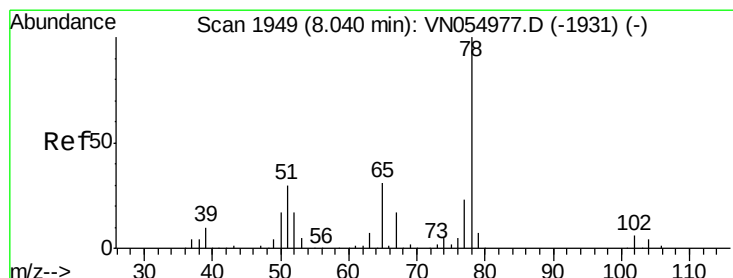
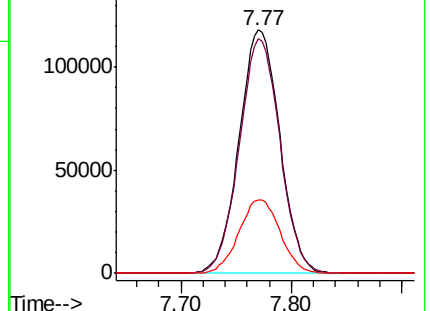
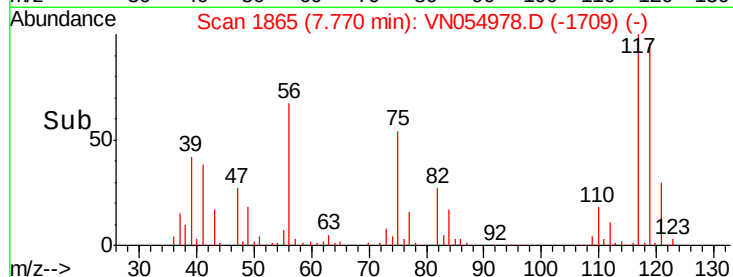
121 30.2 26.2 39.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 57.537 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN054978.D

Acq: 11 Apr 2019 15:21

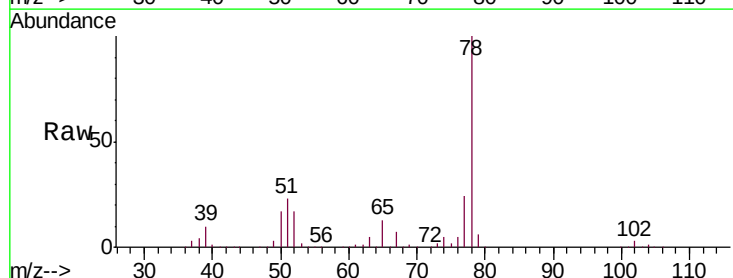
Tgt Ion: 78 Resp: 987751

Ion Ratio Lower Upper

78 100

77 23.5 18.2 27.4

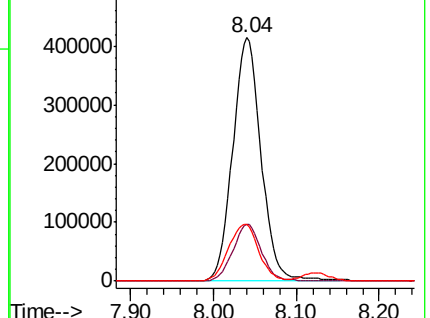
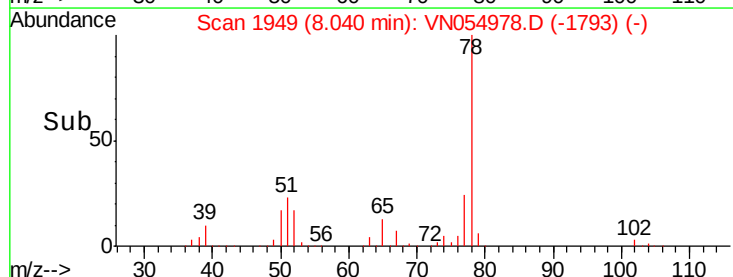
51 23.3 23.7 35.5#

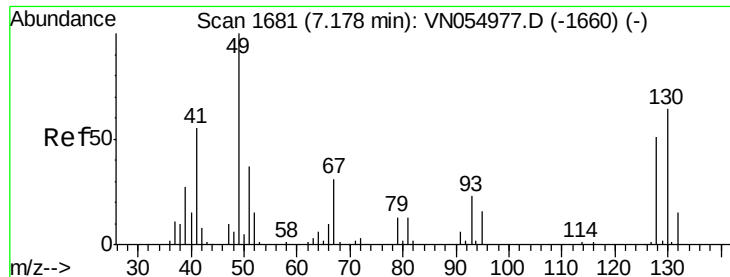


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

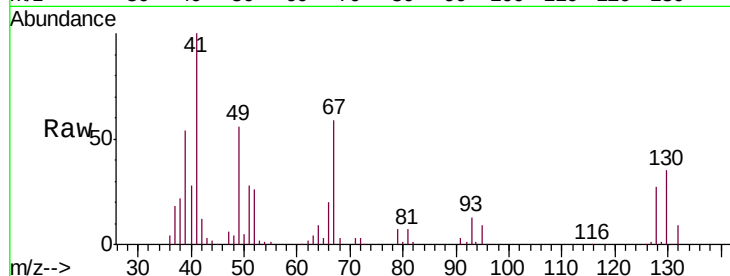




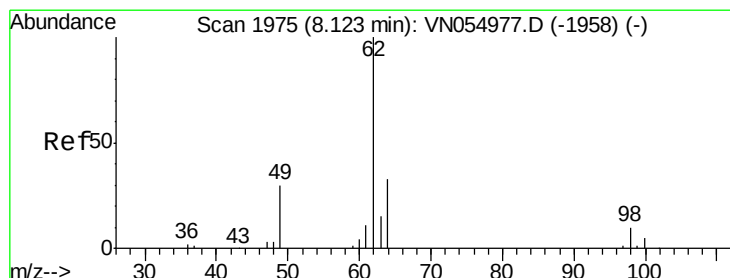
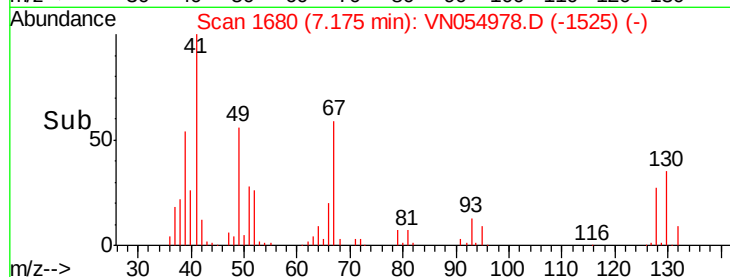
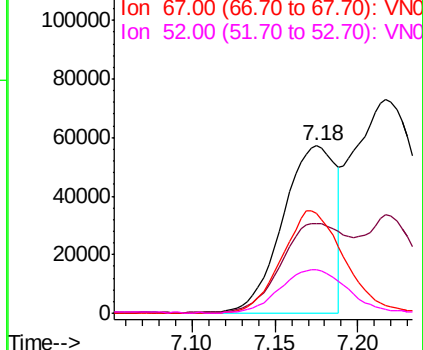
#35
Methacrylonitrile
Concen: 61.323 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN054978.D
Acq: 11 Apr 2019 15:21

Instrument :
MSVOA_N
ClientSampled :
VSTDIC050

Tgt Ion: 41 Resp: 127402
Ion Ratio Lower Upper
41 100
39 53.4 24.2 72.6
67 59.3 28.1 84.2
52 25.6 13.3 39.8

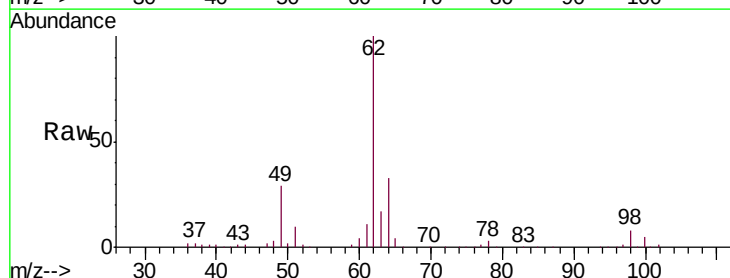


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

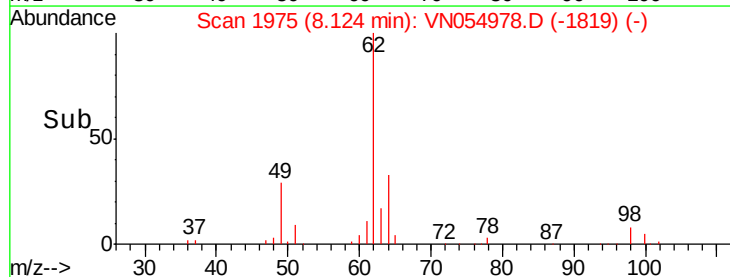
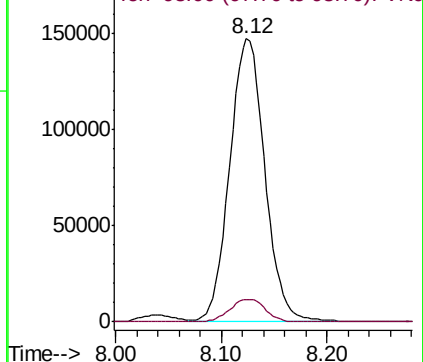


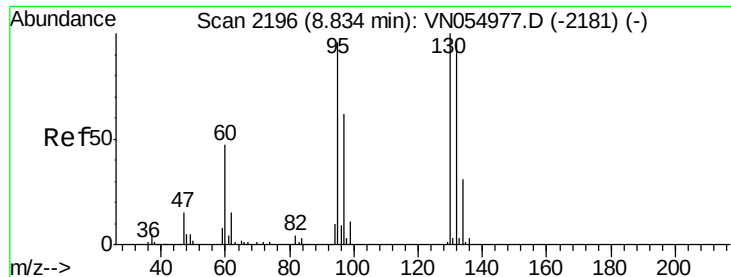
#36
1,2-Dichloroethane
Concen: 60.581 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN054978.D
Acq: 11 Apr 2019 15:21

Tgt Ion: 62 Resp: 337732
Ion Ratio Lower Upper
62 100
98 4.2 6.9 10.3#



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

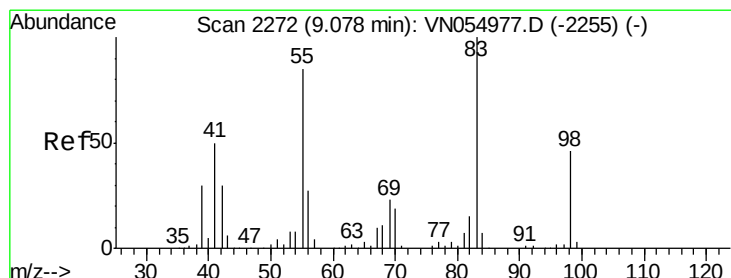
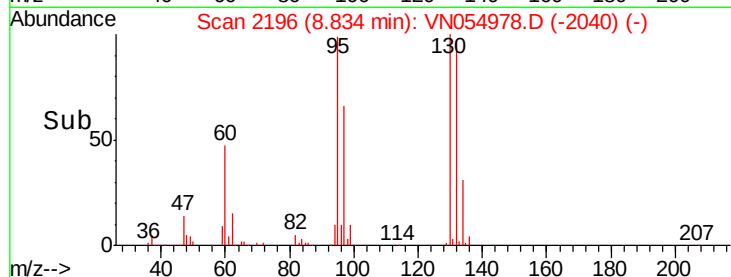
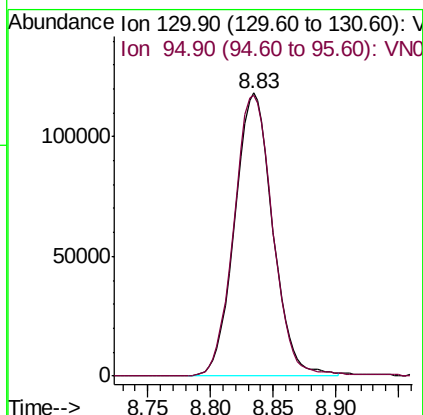
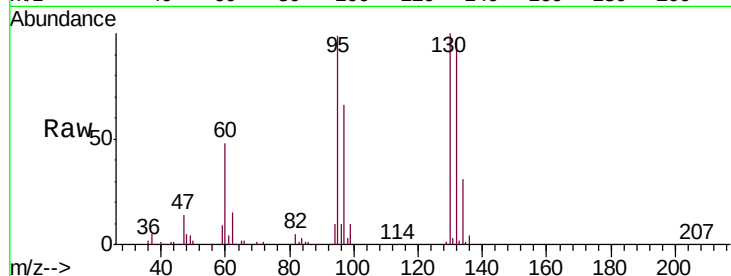




#37
 Trichloroethene
 Concen: 55.560 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

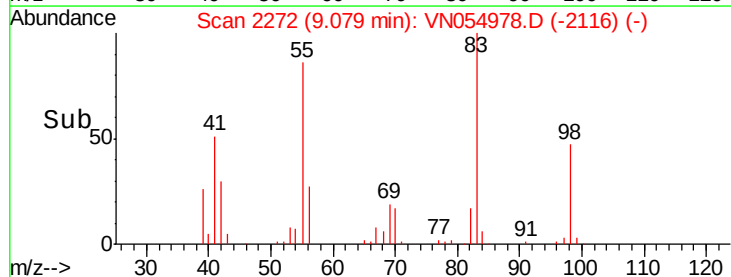
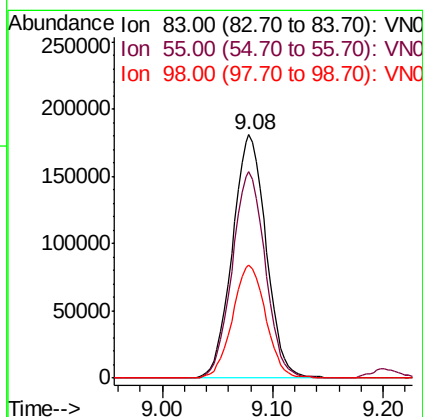
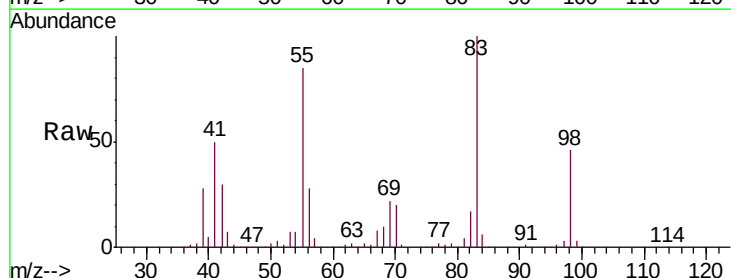
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

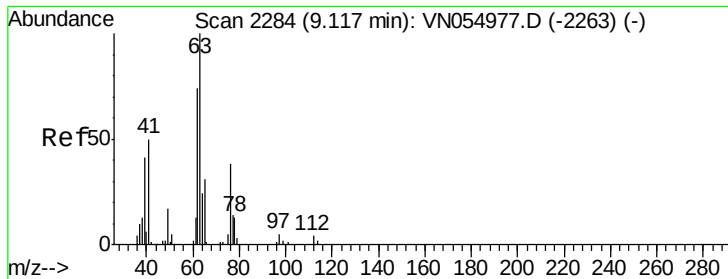
Tgt Ion: 130 Resp: 249798
 Ion Ratio Lower Upper
 130 100
 95 99.4 76.6 115.0



#38
 Methylcyclohexane
 Concen: 56.245 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

Tgt Ion: 83 Resp: 383063
 Ion Ratio Lower Upper
 83 100
 55 83.6 41.9 125.6
 98 46.0 22.4 67.0





#39

1,2-Dichloropropane

Concen: 58.208 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN054978.D

Acq: 11 Apr 2019 15:21

Instrument :

MSVOA_N

ClientSampled :

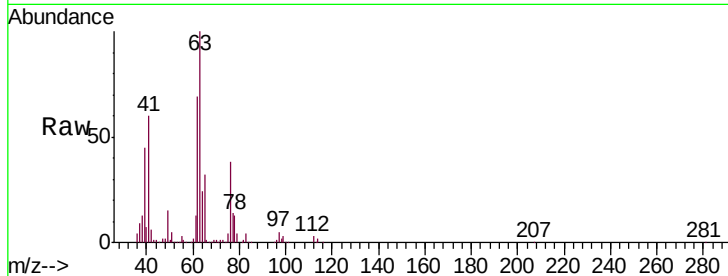
VSTDIC050

Tgt Ion: 63 Resp: 274834

Ion Ratio Lower Upper

63 100

65 31.5 24.8 37.2



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0

9.12

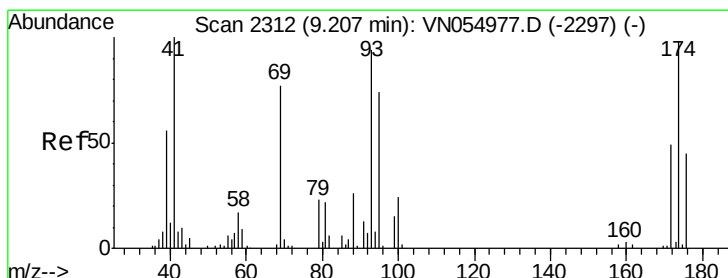
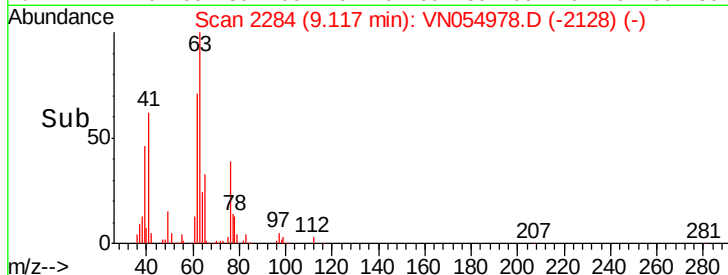
150000

100000

50000

0

Time-->



#40

Dibromomethane

Concen: 56.496 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN054978.D

Acq: 11 Apr 2019 15:21

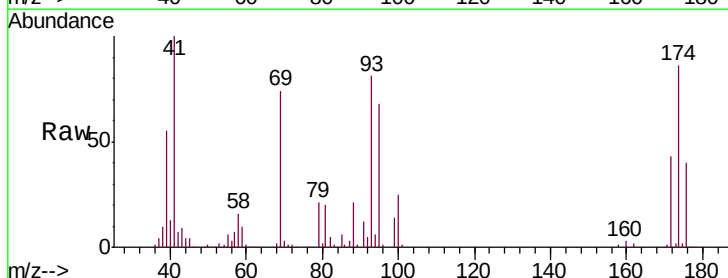
Tgt Ion: 93 Resp: 152468

Ion Ratio Lower Upper

93 100

95 83.8 0.0 160.8

174 104.1 0.0 206.4



Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V

100000

80000

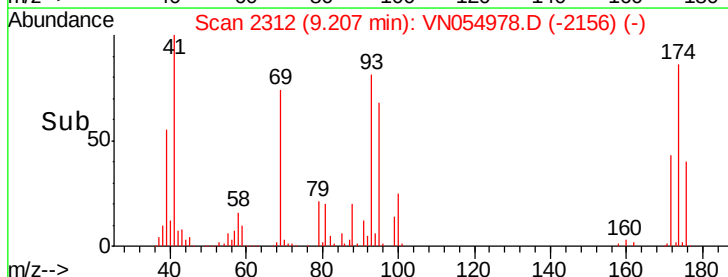
60000

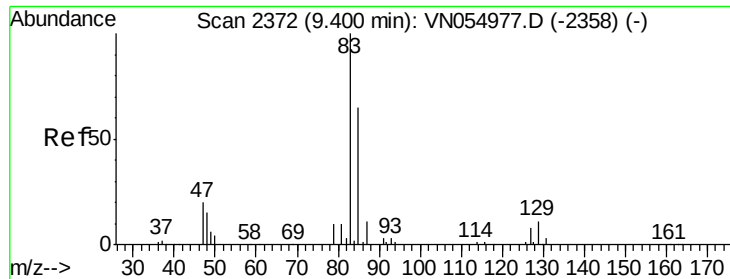
40000

20000

0

Time-->

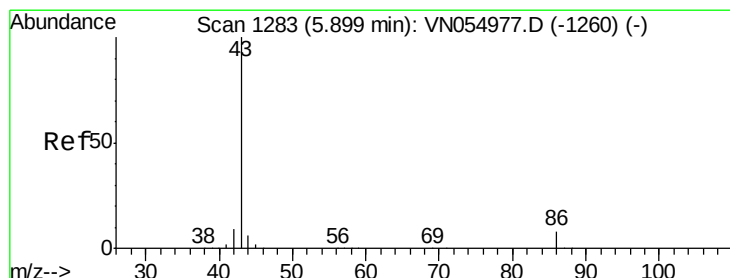
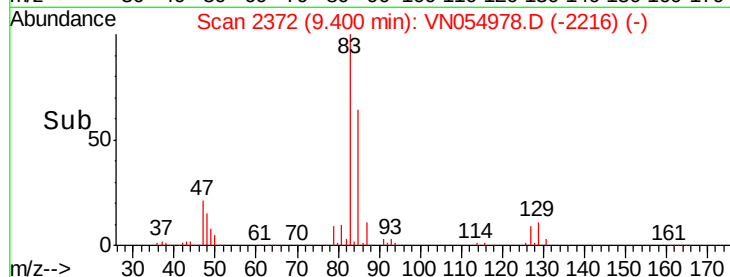
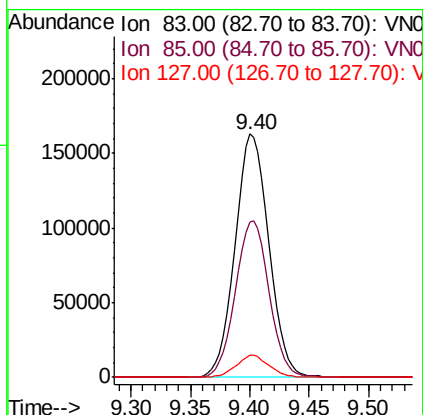
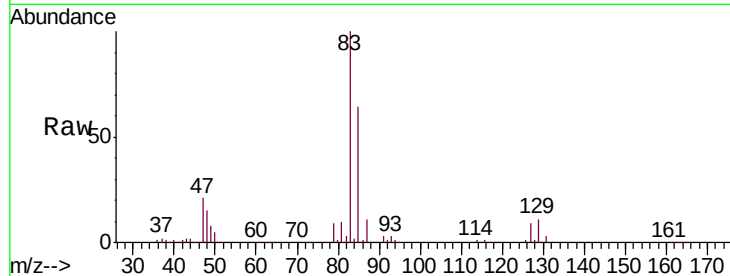




#41
 Bromodichloromethane
 Concen: 56.345 ug/l
 RT: 9.40 min Scan# 2372
 Delta R.T. 0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

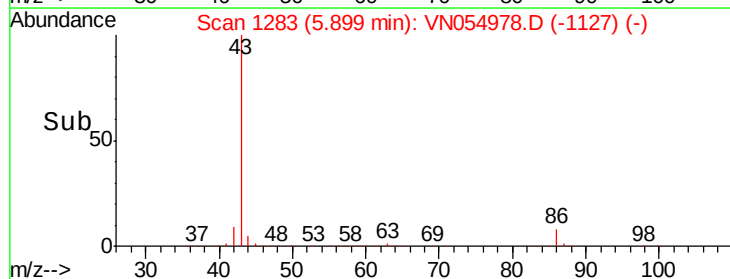
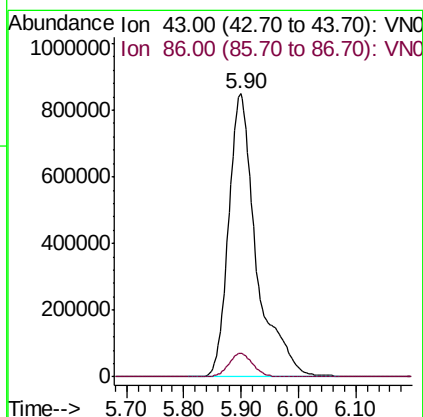
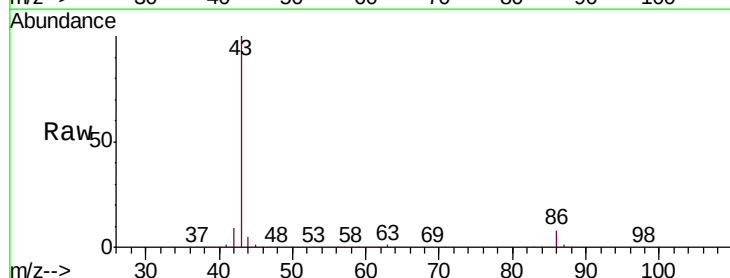
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

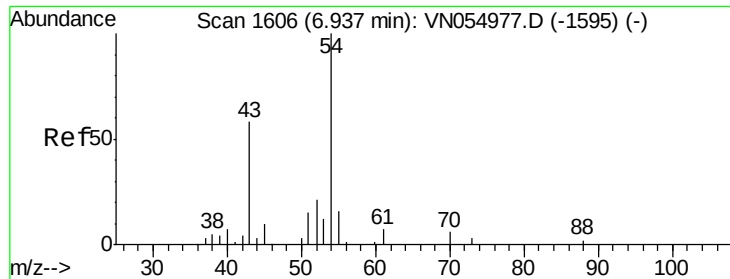
Tgt Ion: 83 Resp: 321028
 Ion Ratio Lower Upper
 83 100
 85 63.8 52.0 78.0
 127 8.9 7.2 10.8



#42
 Vinyl Acetate
 Concen: 307.169 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

Tgt Ion: 43 Resp: 2862275
 Ion Ratio Lower Upper
 43 100
 86 7.3 5.7 8.5





#43

Ethyl Acetate

Concen: 58.587 ug/l

RT: 6.94 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VN054978.D

Acq: 11 Apr 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

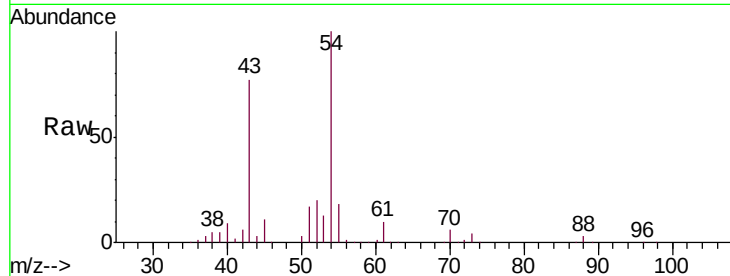
VSTDIC050

Tgt Ion: 43 Resp: 222795

Ion Ratio Lower Upper

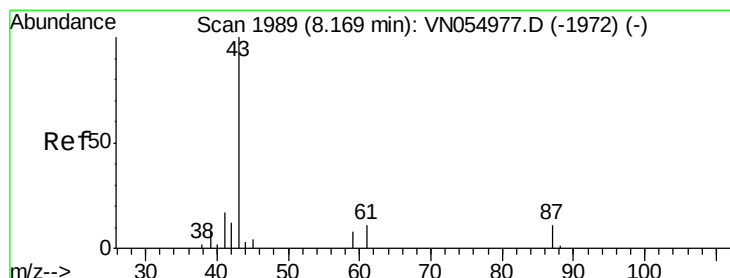
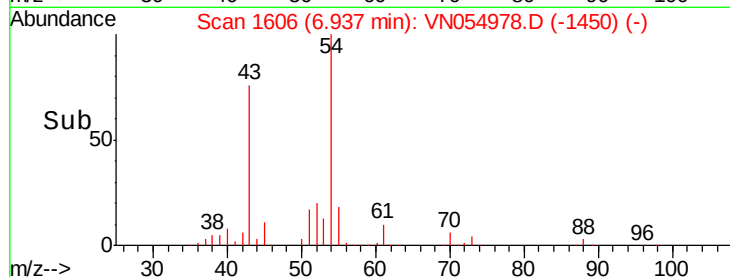
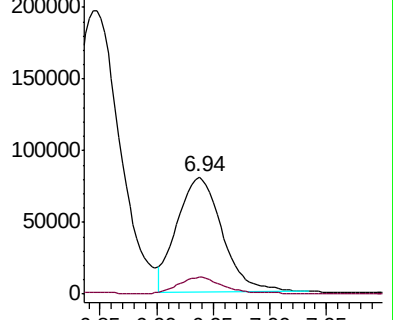
43 100

45 13.3 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#44

Isopropyl Acetate

Concen: 58.787 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054978.D

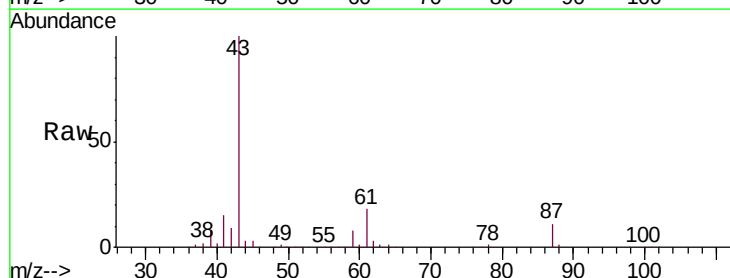
Acq: 11 Apr 2019 15:21

Tgt Ion: 43 Resp: 389632

Ion Ratio Lower Upper

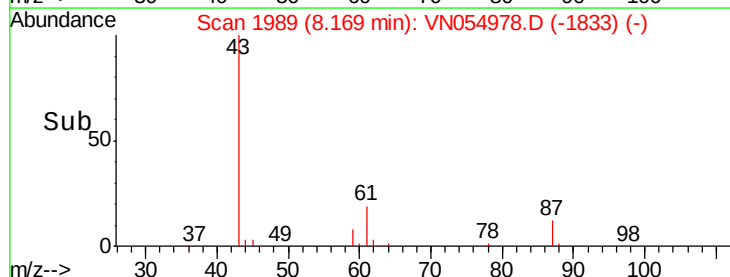
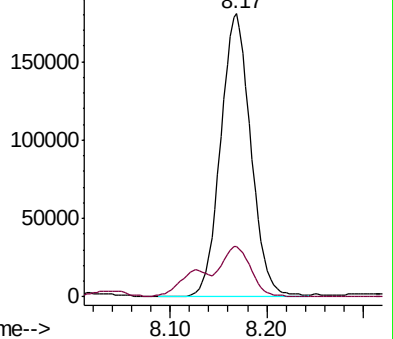
43 100

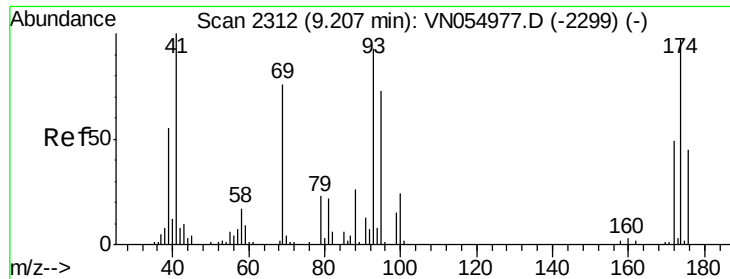
61 17.3 14.8 22.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

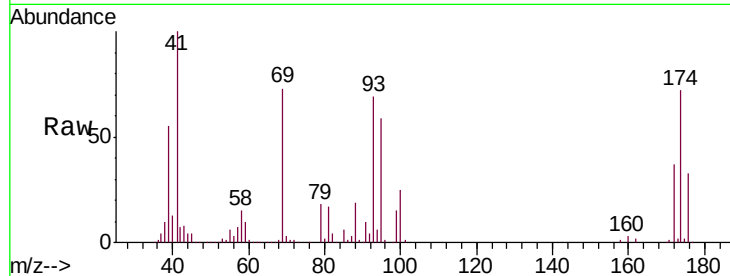




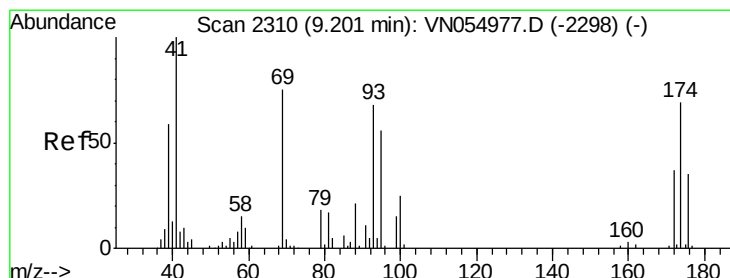
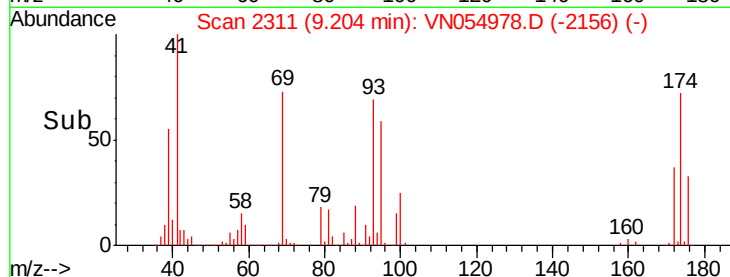
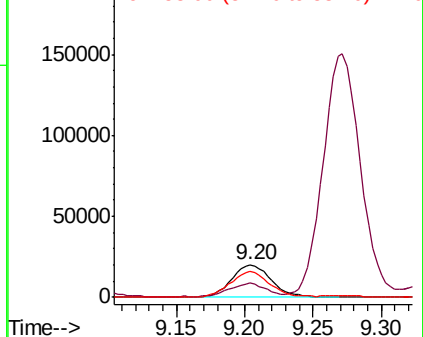
#45
 1,4-Dioxane
 Concen: 1167.151 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion: 88 Resp: 41122
 Ion Ratio Lower Upper
 88 100
 43 36.7 34.5 51.7
 58 78.4 60.3 90.5

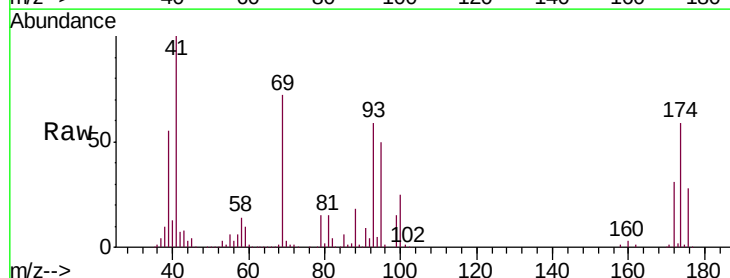


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

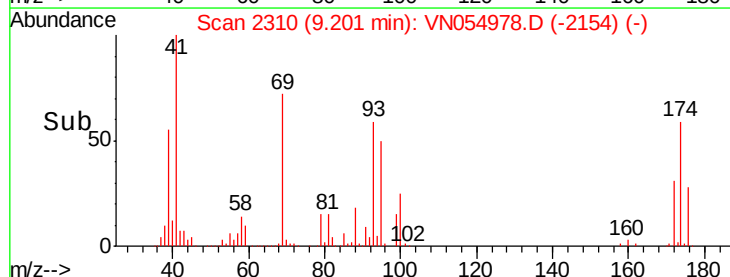
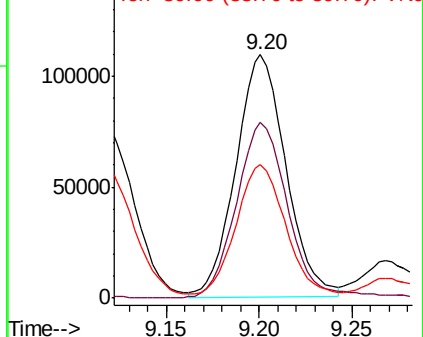


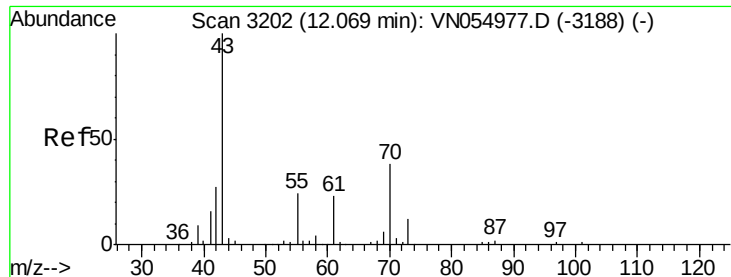
#46
 Methyl methacrylate
 Concen: 64.756 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

Tgt Ion: 41 Resp: 206545
 Ion Ratio Lower Upper
 41 100
 69 73.4 37.3 111.9
 39 54.6 29.4 88.2



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





#47

n-amyI Acetate

Concen: 60.866 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054978.D

Acq: 11 Apr 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

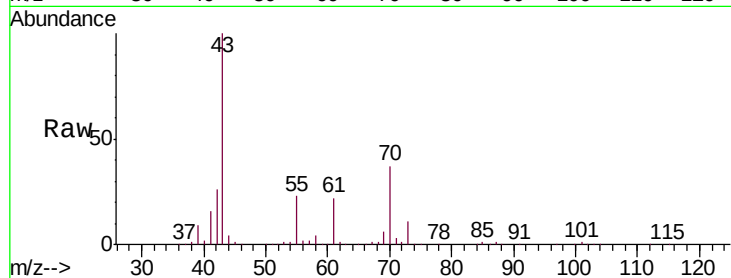
VSTDIC050

Tgt Ion: 43 Resp: 291343

Ion Ratio Lower Upper

43 100

55 23.7 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

12.07

200000

150000

100000

50000

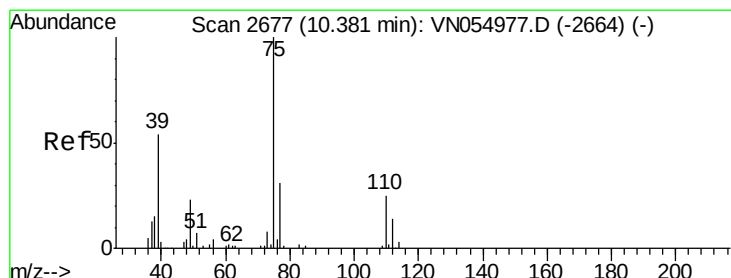
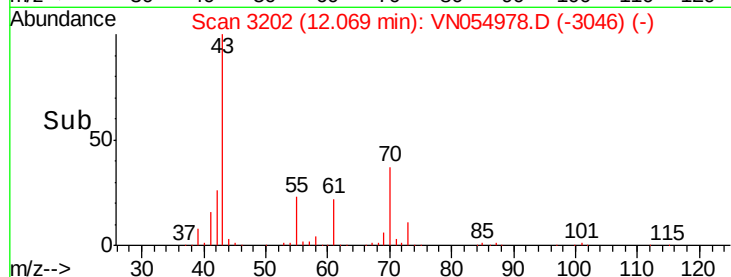
0

Time-->

12.00

12.10

12.20



#48

t-1,3-Dichloropropene

Concen: 53.306 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054978.D

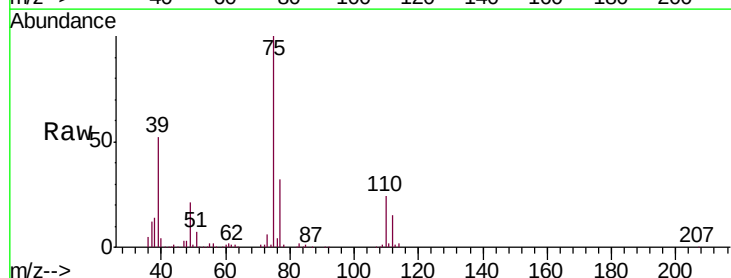
Acq: 11 Apr 2019 15:21

Tgt Ion: 75 Resp: 299242

Ion Ratio Lower Upper

75 100

77 31.9 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

10.38

200000

150000

100000

50000

0

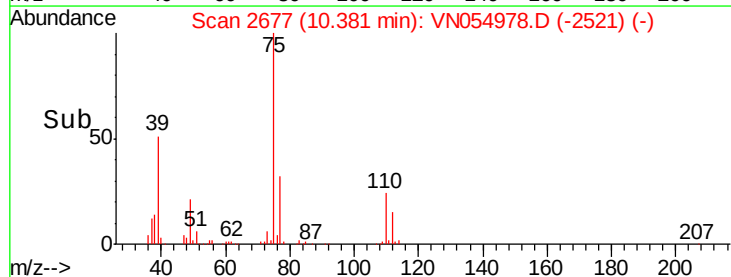
Time-->

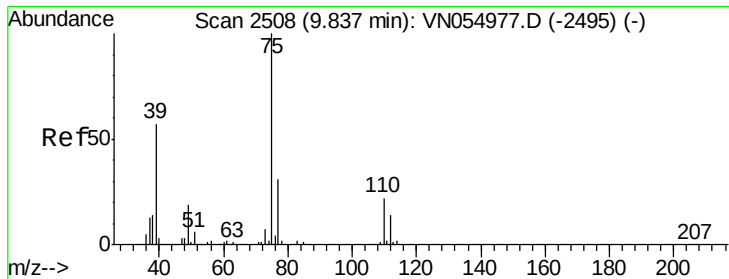
10.30

10.35

10.40

10.45



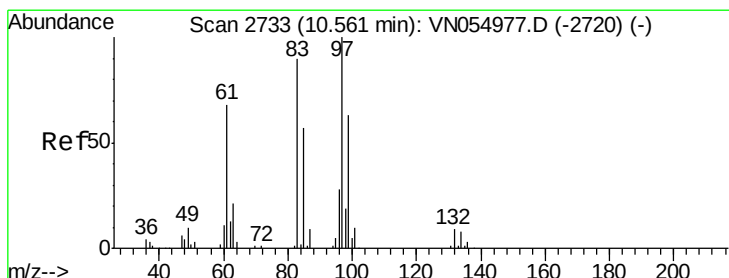
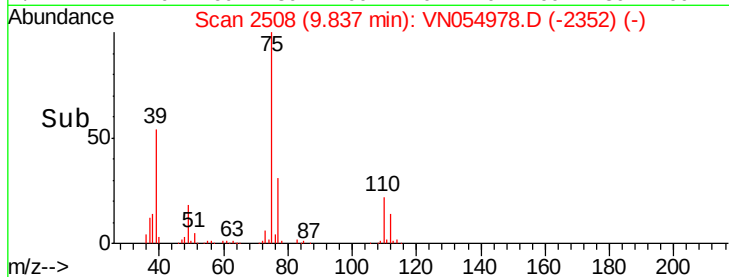
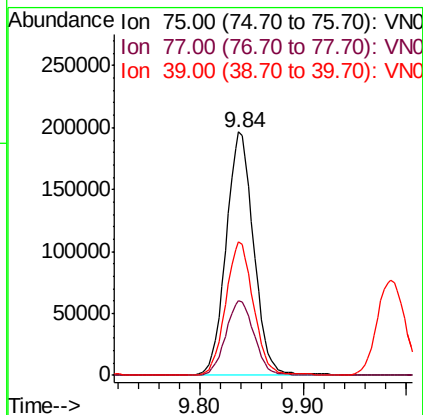
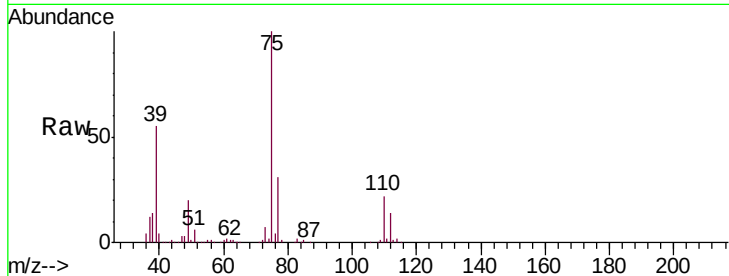


#49

cis-1,3-Dichloropropene
 Concen: 55.173 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

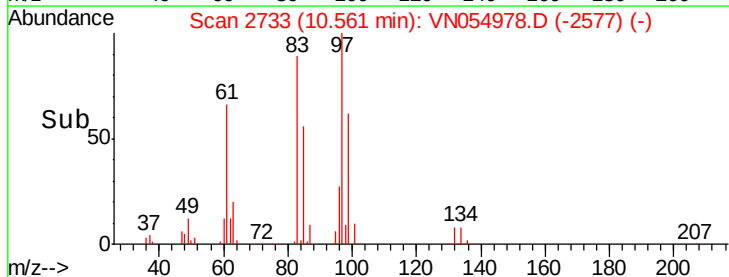
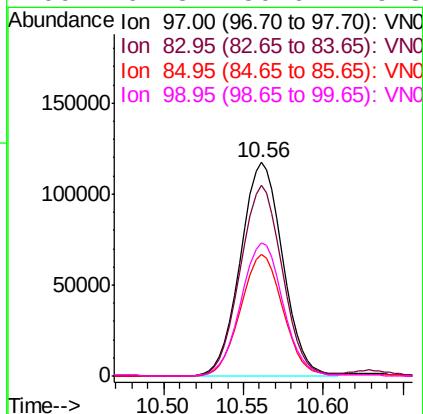
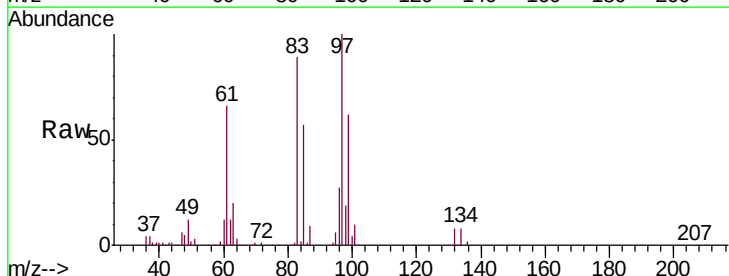
Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.7	37.1
39	54.7	45.3	67.9

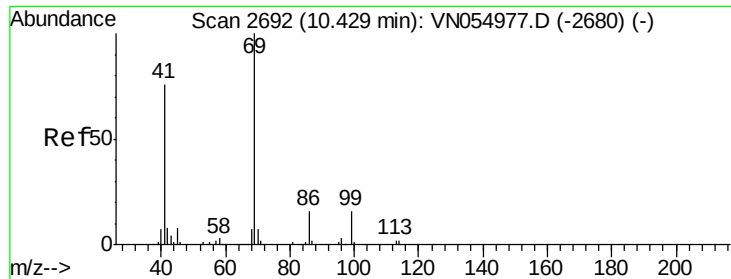


#50

1,1,2-Trichloroethane
 Concen: 56.201 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.1	72.1	108.1
85	57.2	45.4	68.0
99	62.3	50.6	75.8





#51

Ethyl methacrylate

Concen: 56.326 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN054978.D

Acq: 11 Apr 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

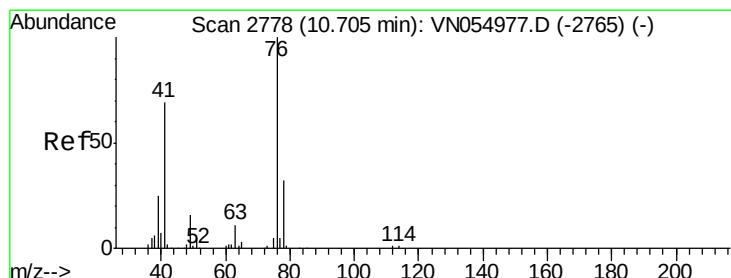
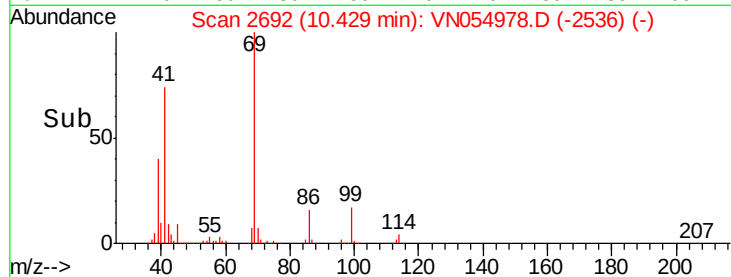
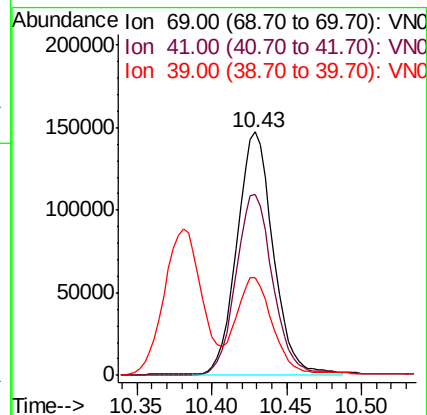
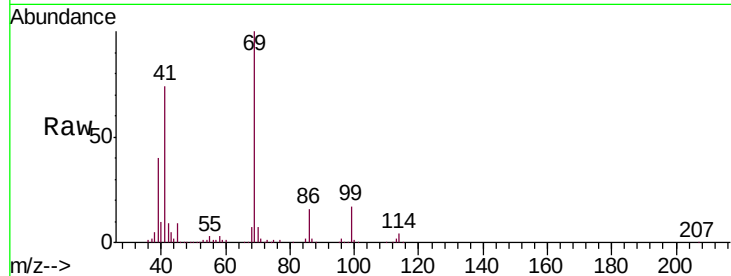
Tgt Ion: 69 Resp: 249980

Ion Ratio Lower Upper

69 100

41 74.0 37.9 113.7

39 39.1 19.8 59.4



#52

1,3-Dichloropropane

Concen: 57.554 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN054978.D

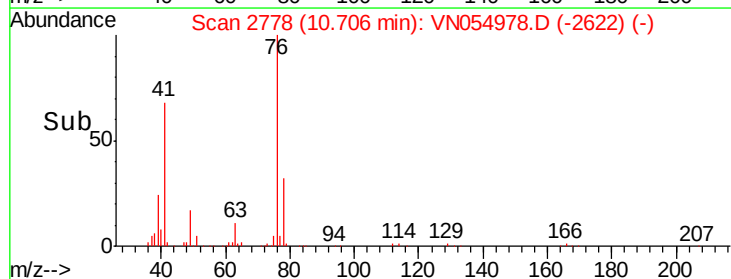
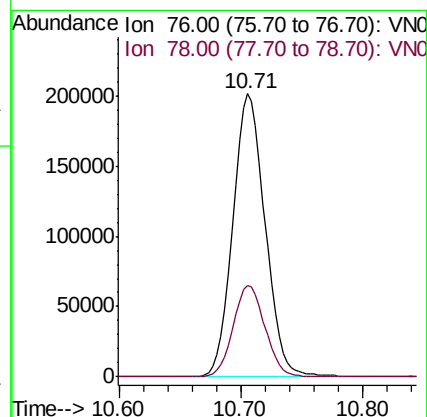
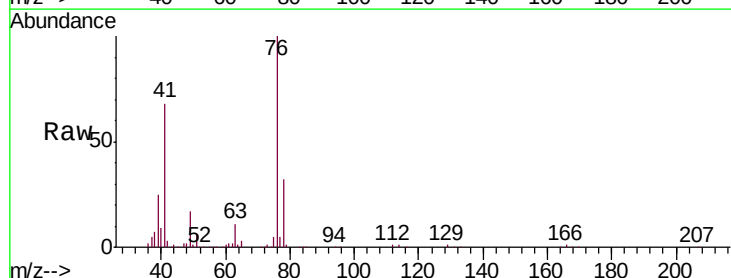
Acq: 11 Apr 2019 15:21

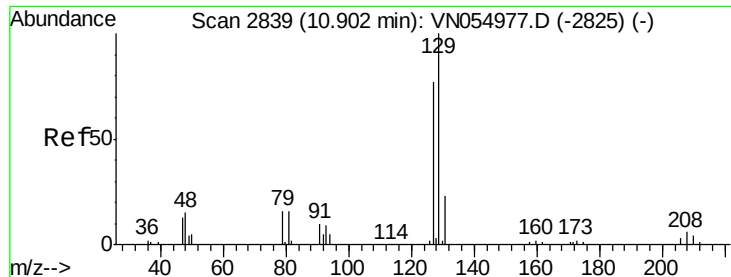
Tgt Ion: 76 Resp: 371512

Ion Ratio Lower Upper

76 100

78 32.0 0.0 64.4





#53

Dibromochloromethane

Concen: 53.339 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN054978.D

Acq: 11 Apr 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

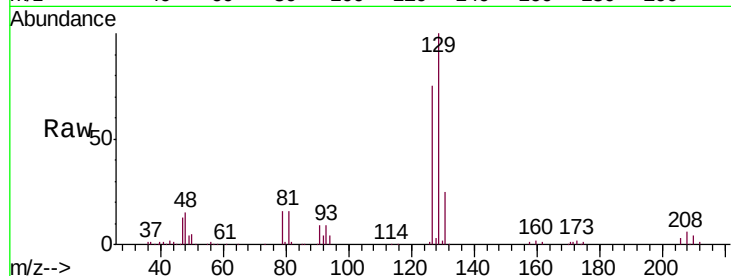
VSTDIC050

Tgt Ion:129 Resp: 218299

Ion Ratio Lower Upper

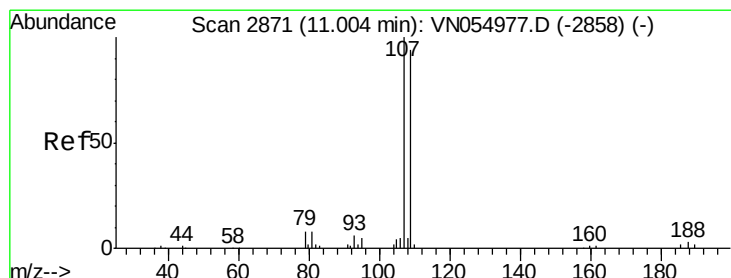
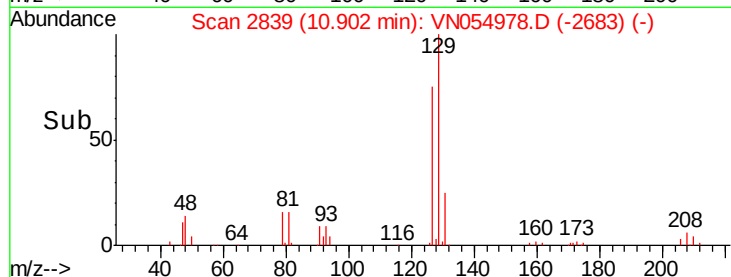
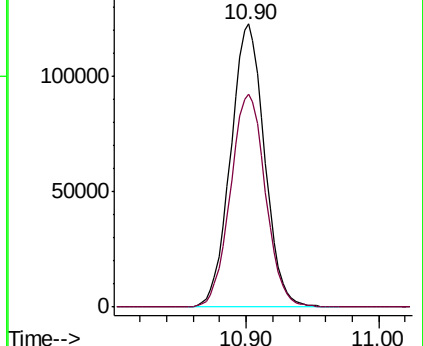
129 100

127 77.4 37.8 113.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 56.118 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN054978.D

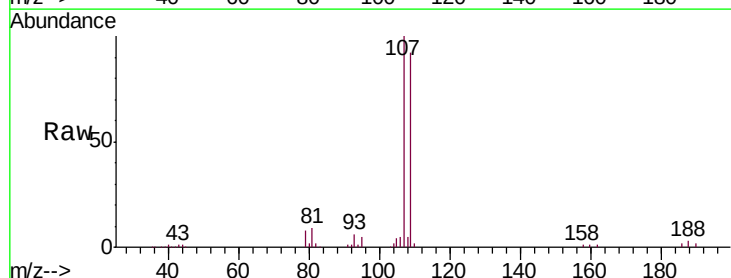
Acq: 11 Apr 2019 15:21

Tgt Ion:107 Resp: 199358

Ion Ratio Lower Upper

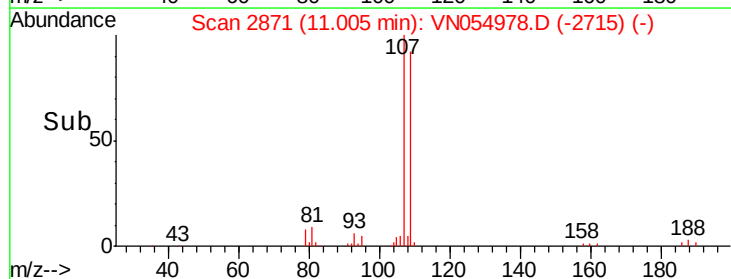
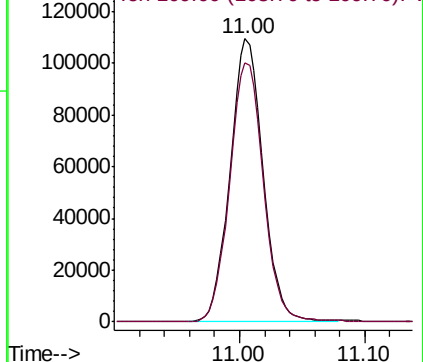
107 100

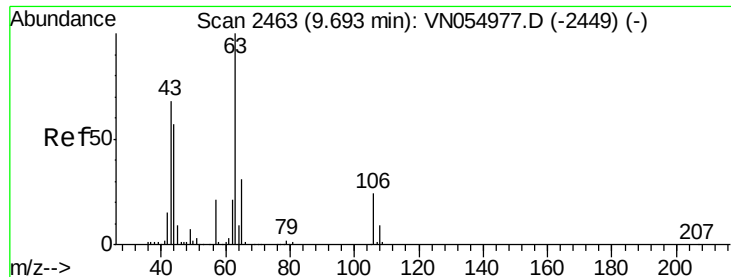
109 94.2 76.2 114.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 260.357 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN054978.D

Acq: 11 Apr 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

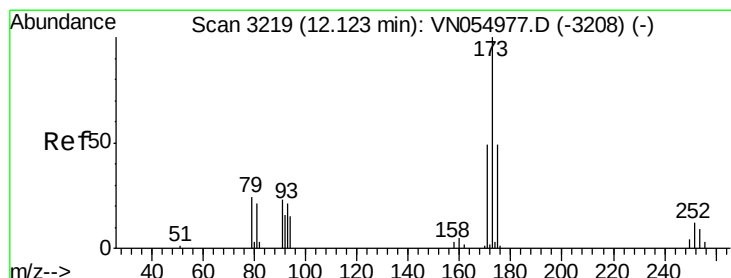
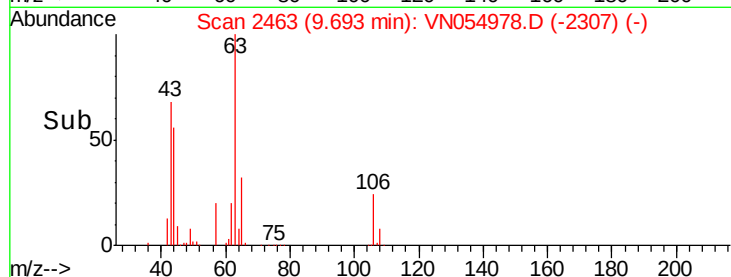
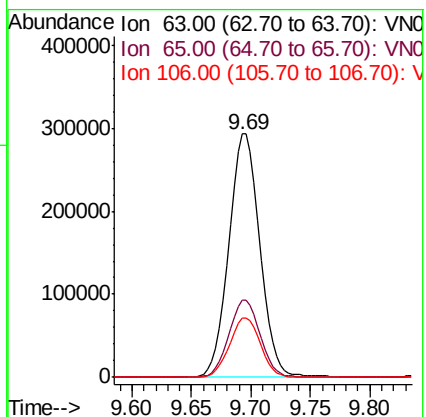
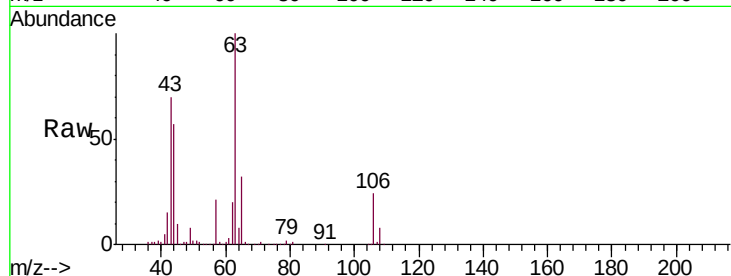
Tgt Ion: 63 Resp: 531349

Ion Ratio Lower Upper

63 100

65 31.9 25.4 38.0

106 24.4 19.8 29.6



#56

Bromoform

Concen: 50.701 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN054978.D

Acq: 11 Apr 2019 15:21

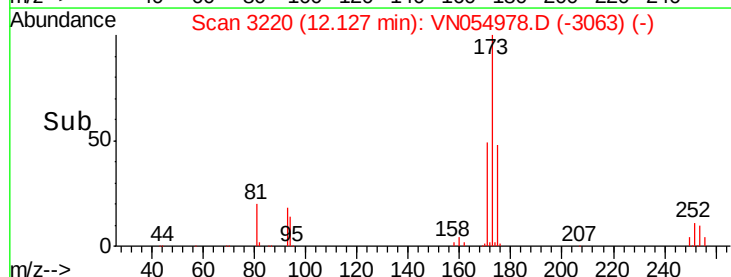
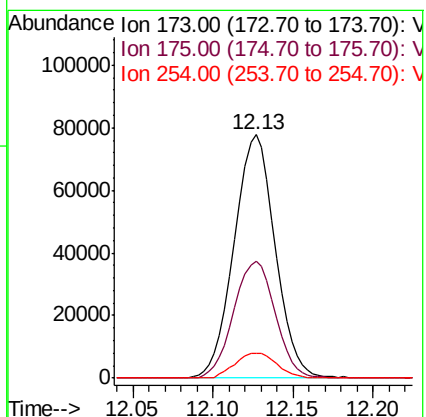
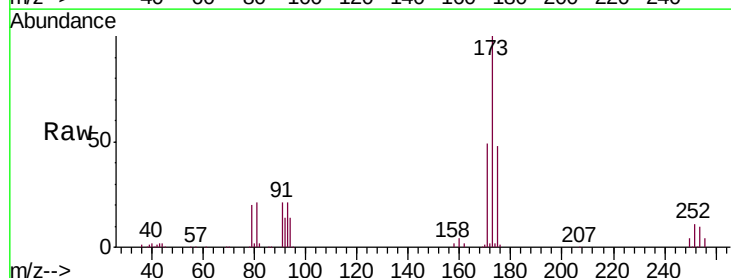
Tgt Ion: 173 Resp: 136374

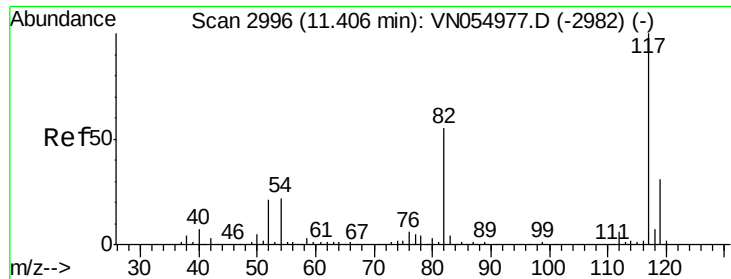
Ion Ratio Lower Upper

173 100

175 48.5 38.6 57.8

254 10.3 6.8 10.2#

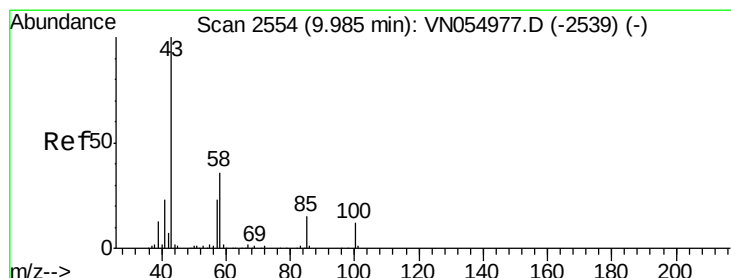
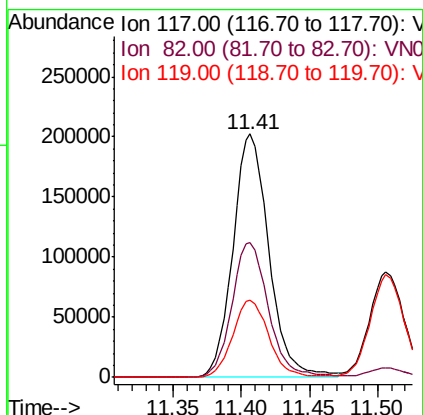
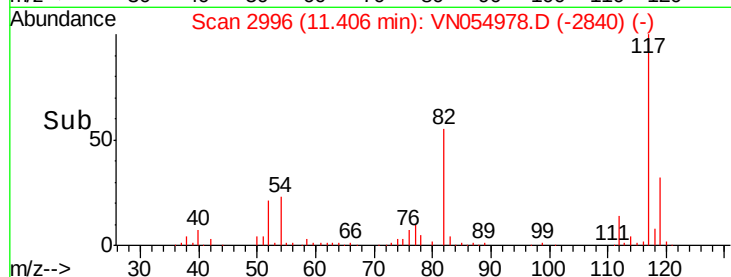
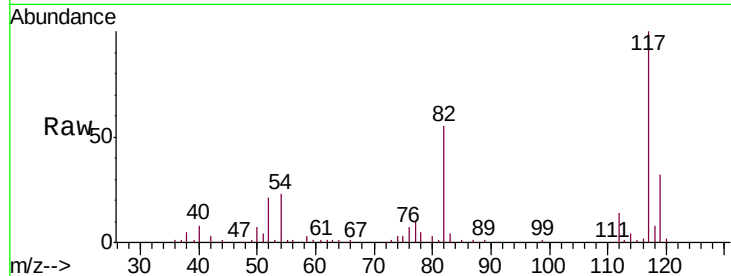




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054978.D
Acq: 11 Apr 2019 15:21

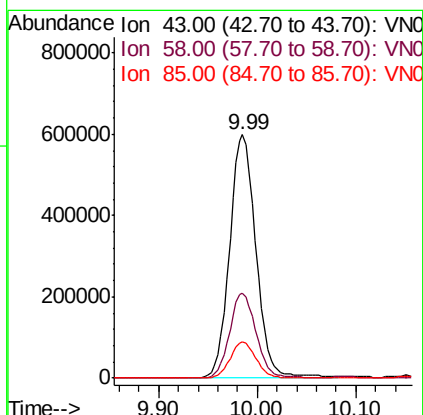
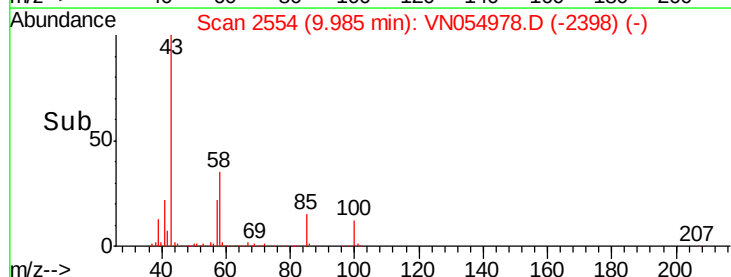
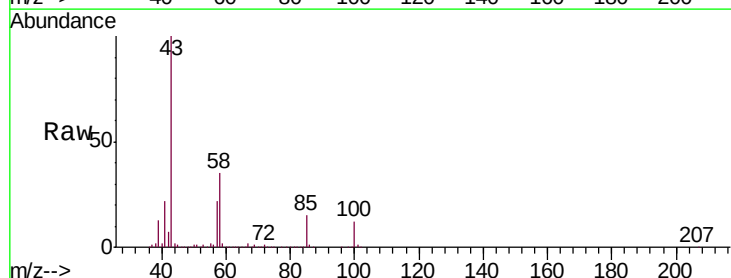
Instrument :
MSVOA_N
ClientSampled :
VSTDIC050

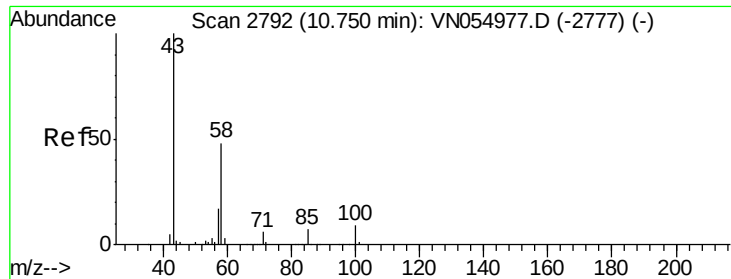
Tgt Ion: 117 Resp: 371093
Ion Ratio Lower Upper
117 100
82 56.3 45.2 67.8
119 32.0 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 308.108 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN054978.D
Acq: 11 Apr 2019 15:21

Tgt Ion: 43 Resp: 1114843
Ion Ratio Lower Upper
43 100
58 35.2 28.7 43.1
85 14.6 11.8 17.6

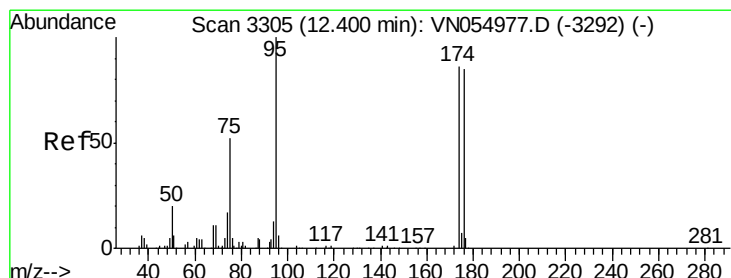
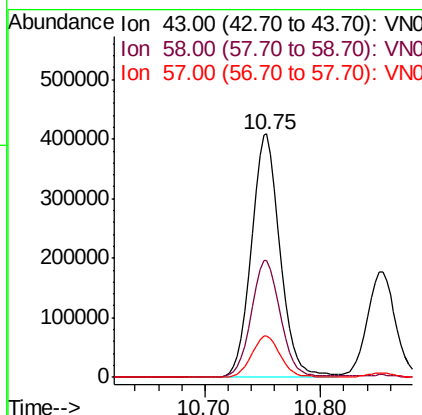
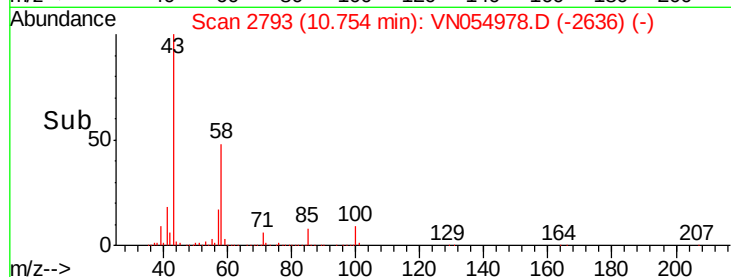
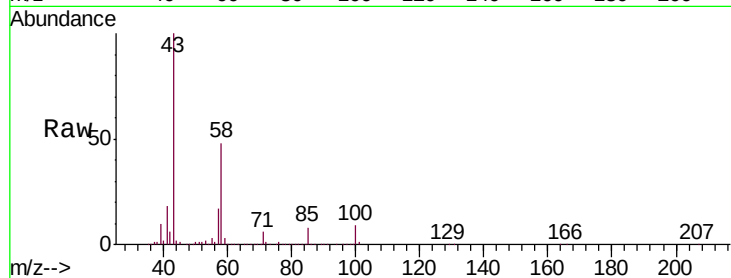




#59
 2-Hexanone
 Concen: 298.960 ug/l
 RT: 10.75 min Scan# 2793
 Delta R.T. 0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

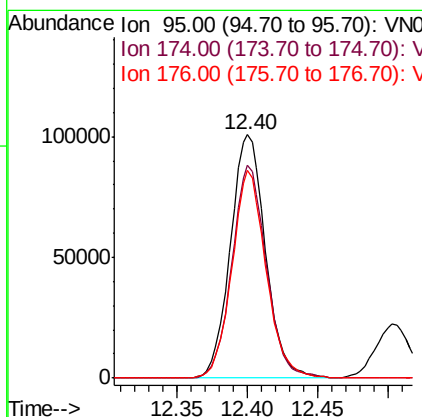
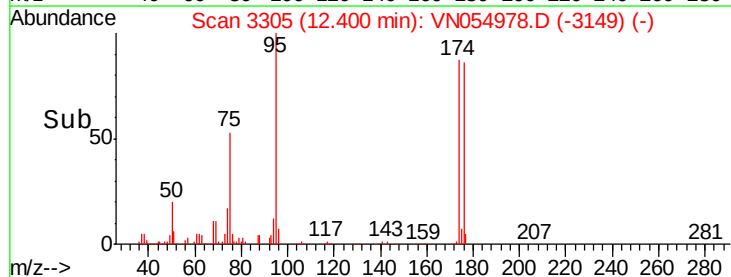
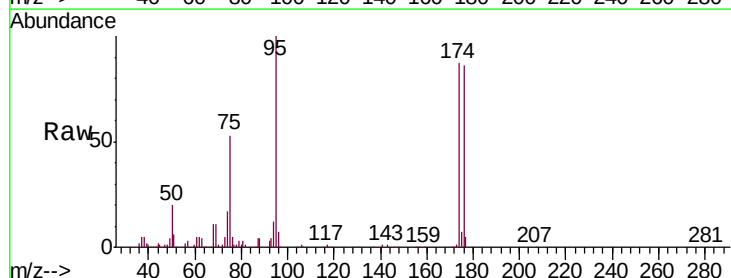
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

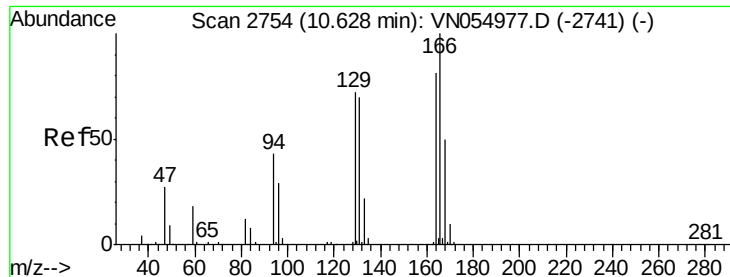
Tgt Ion: 43 Resp: 706999
 Ion Ratio Lower Upper
 43 100
 58 49.4 38.8 58.2
 57 17.1 13.8 20.6



#60
 4-Bromofluorobenzene
 Concen: 298.960 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

Tgt Ion: 95 Resp: 175558
 Ion Ratio Lower Upper
 95 100
 174 85.7 69.4 104.2
 176 83.0 67.4 101.2

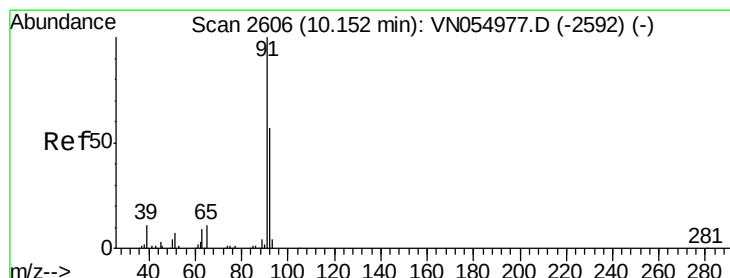
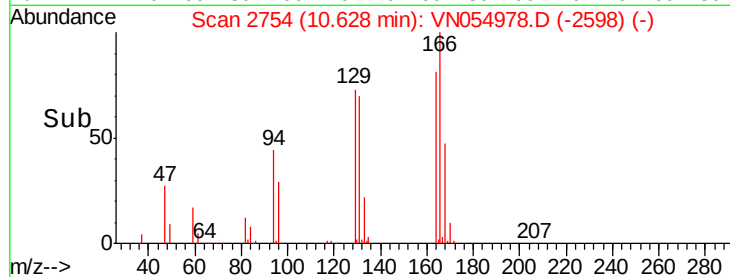
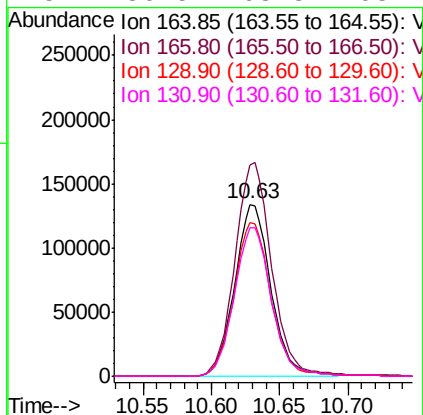
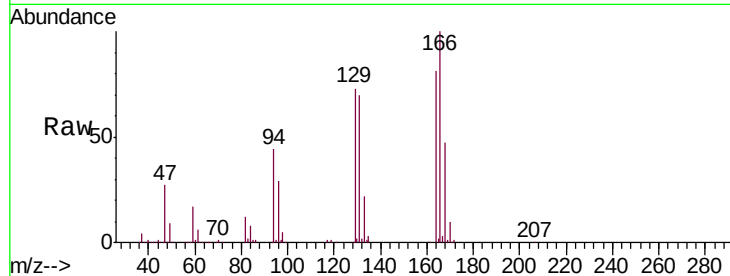




#61
Tetrachloroethene
Concen: 53.998 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN054978.D
Acq: 11 Apr 2019 15:21

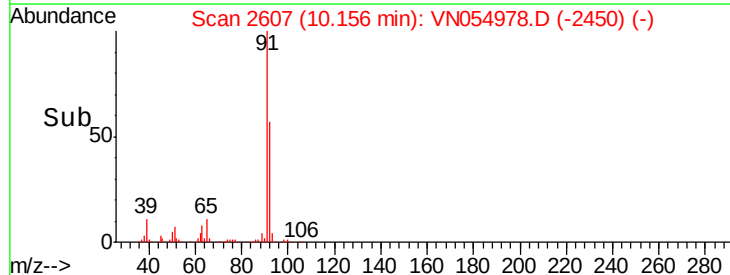
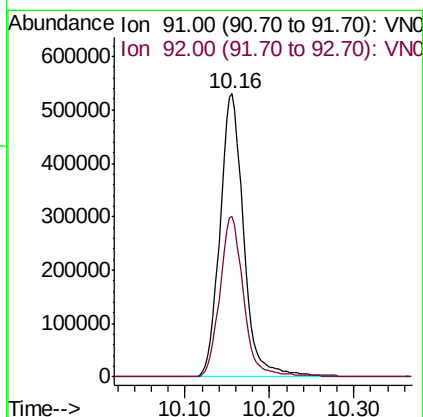
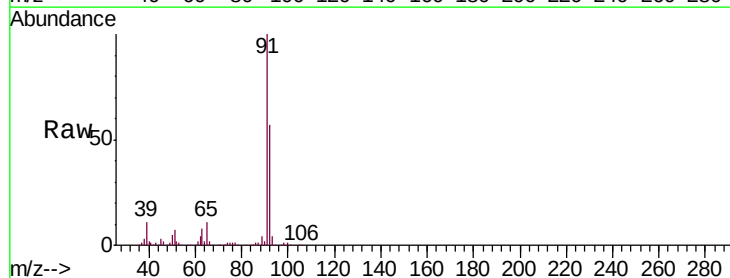
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

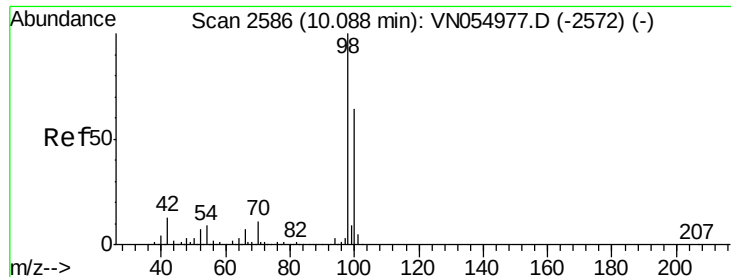
Tgt Ion:164 Resp: 246105
Ion Ratio Lower Upper
164 100
166 123.3 99.0 148.4
129 89.6 71.4 107.0
131 86.5 68.8 103.2



#62
Toluene
Concen: 56.968 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN054978.D
Acq: 11 Apr 2019 15:21

Tgt Ion: 91 Resp: 1037013
Ion Ratio Lower Upper
91 100
92 56.8 44.8 67.2





#63

Toluene-d8

Concen: 56.968 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN054978.D

Acq: 11 Apr 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

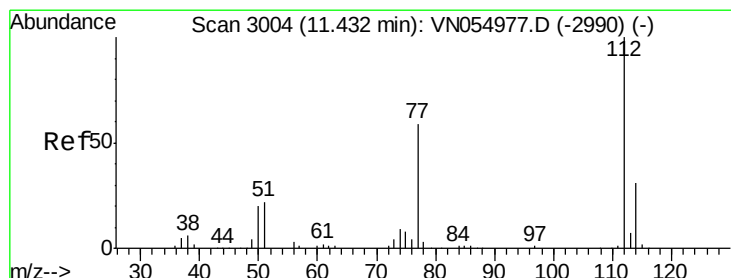
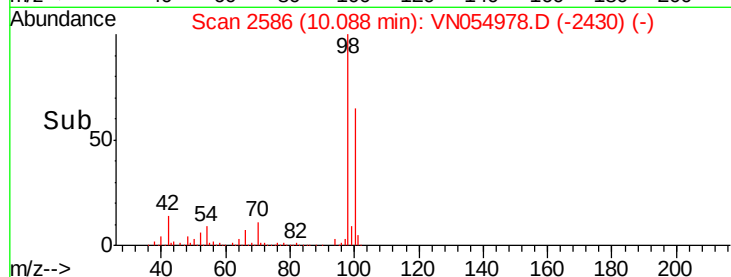
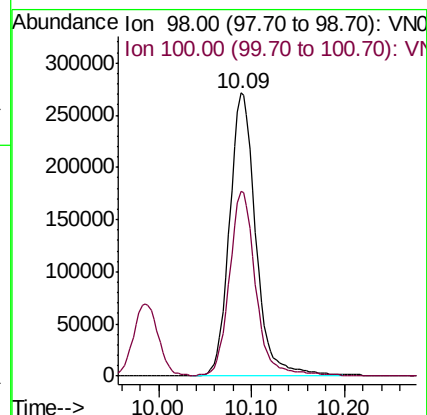
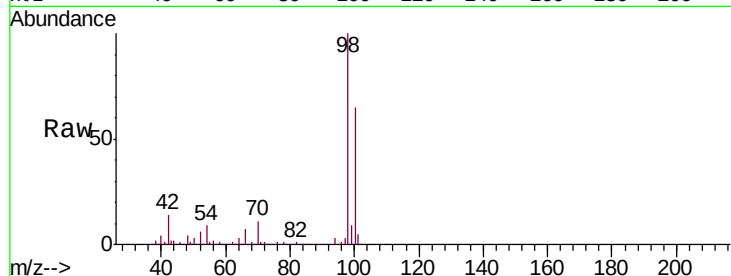
VSTDIC050

Tgt Ion: 98 Resp: 534268

Ion Ratio Lower Upper

98 100

100 64.4 51.1 76.7



#64

Chlorobenzene

Concen: 56.743 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN054978.D

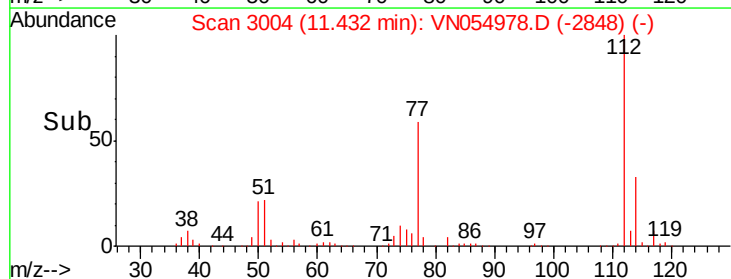
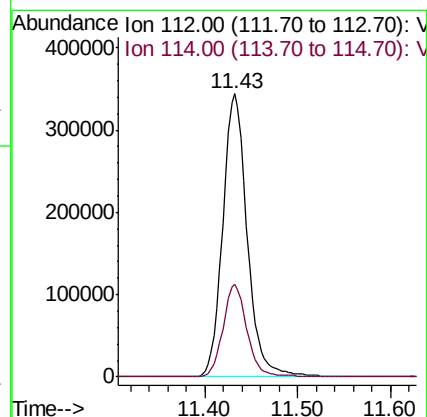
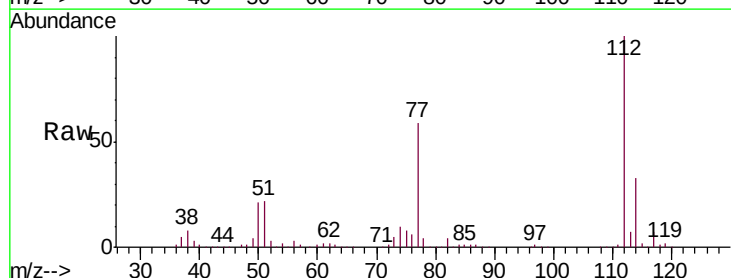
Acq: 11 Apr 2019 15:21

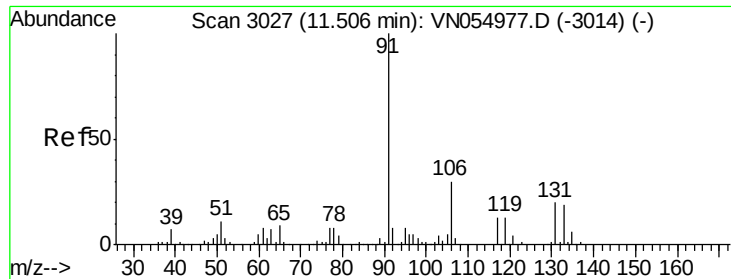
Tgt Ion: 112 Resp: 630181

Ion Ratio Lower Upper

112 100

114 32.8 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 55.797 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN054978.D

Acq: 11 Apr 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

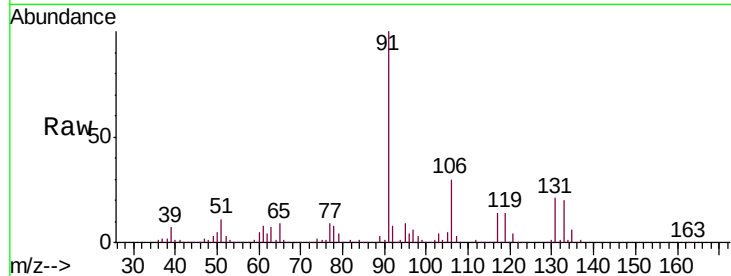
Tgt Ion: 131 Resp: 226191

Ion Ratio Lower Upper

131 100

133 94.8 0.0 187.8

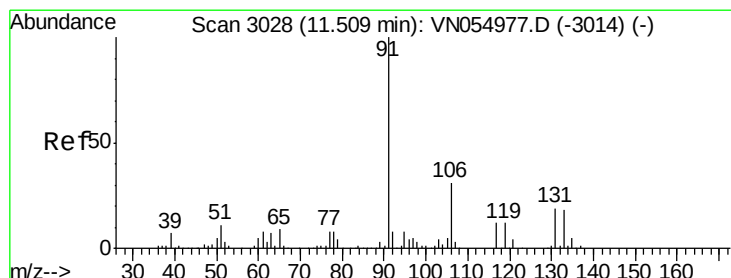
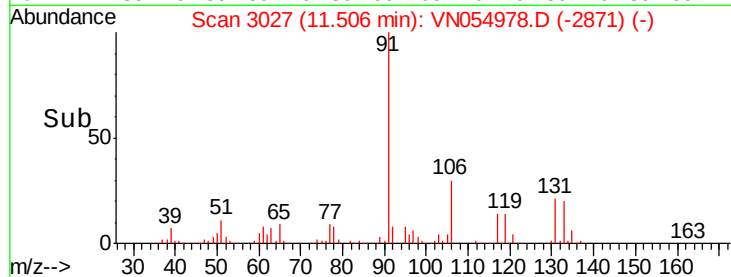
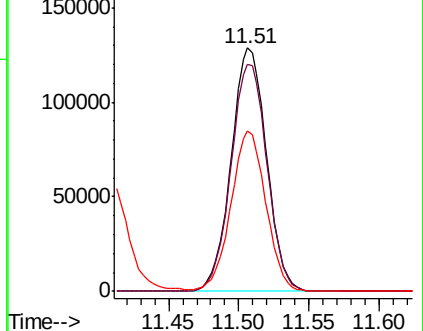
119 64.8 0.0 131.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 58.799 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN054978.D

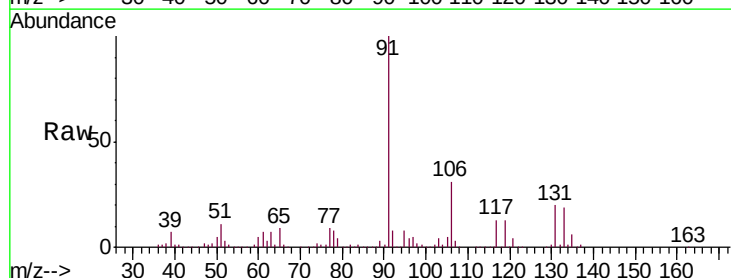
Acq: 11 Apr 2019 15:21

Tgt Ion: 91 Resp: 1118628

Ion Ratio Lower Upper

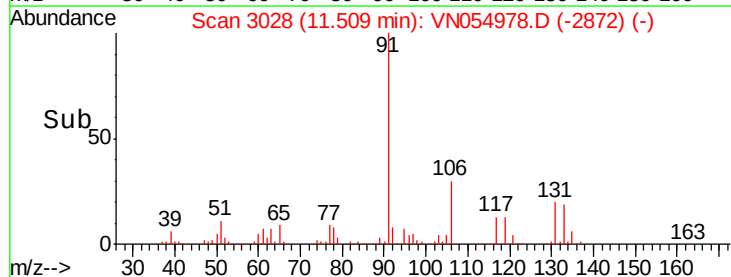
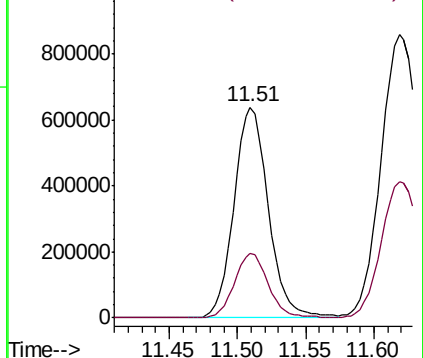
91 100

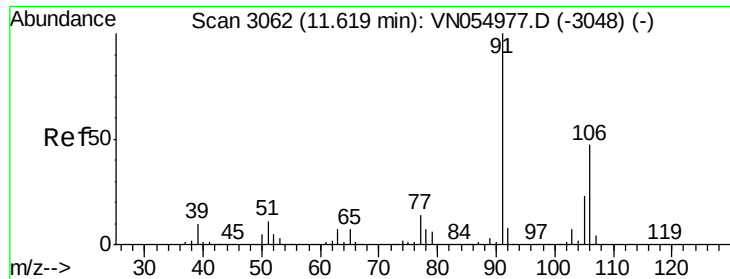
106 30.6 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 117.225 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN054978.D

Acq: 11 Apr 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

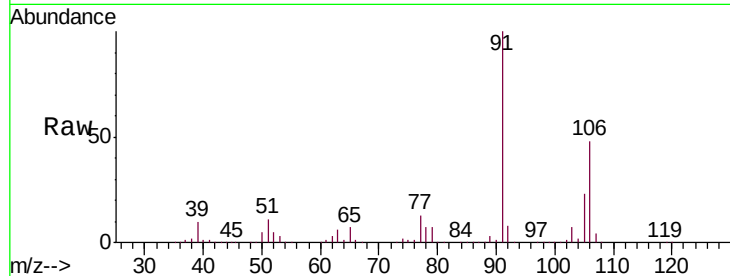
VSTDIC050

Tgt Ion:106 Resp: 835778

Ion Ratio Lower Upper

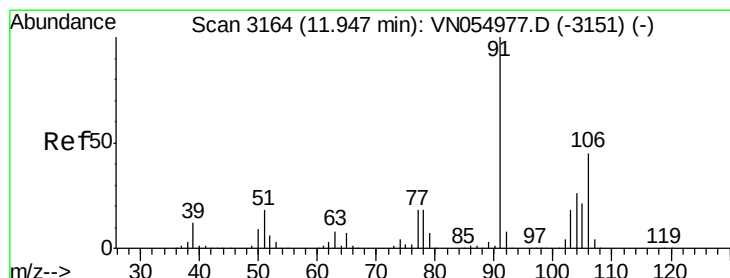
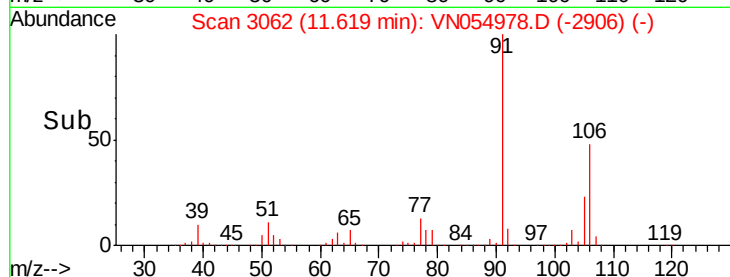
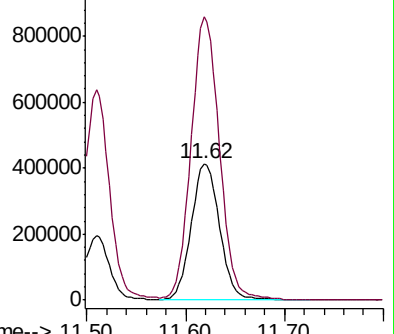
106 100

91 208.0 167.4 251.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 59.289 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN054978.D

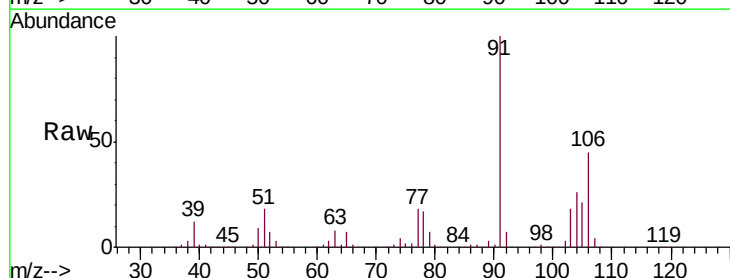
Acq: 11 Apr 2019 15:21

Tgt Ion:106 Resp: 411355

Ion Ratio Lower Upper

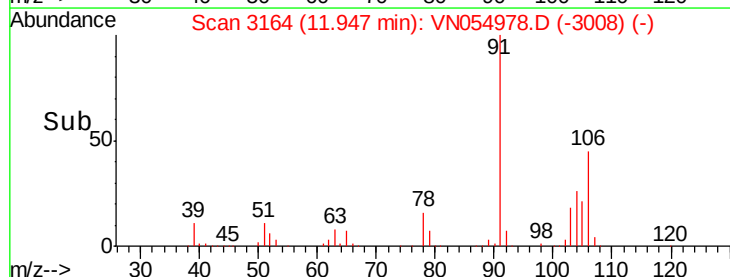
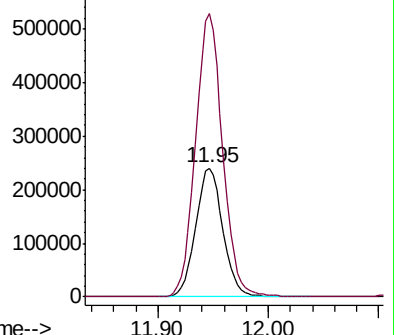
106 100

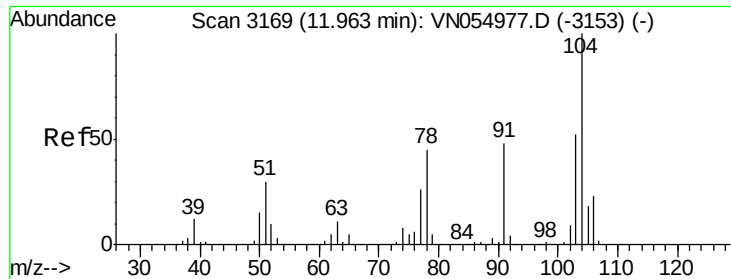
91 219.2 110.3 330.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

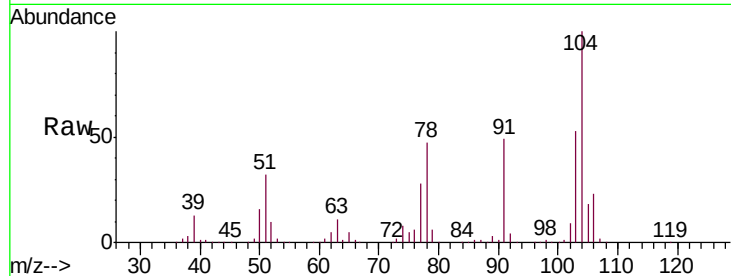




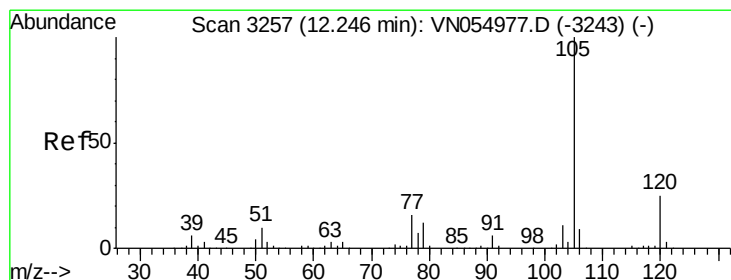
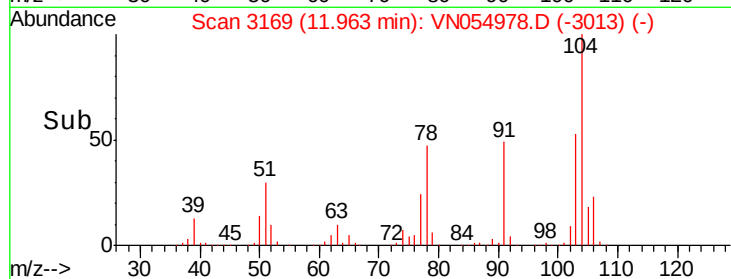
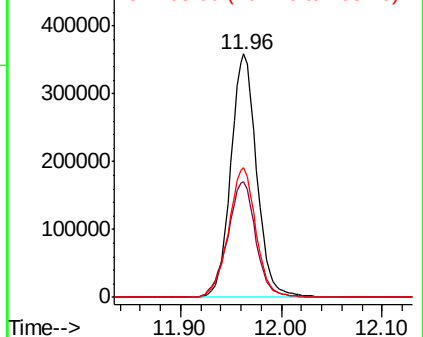
#69
Styrene
Concen: 58.956 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054978.D
Acq: 11 Apr 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:104 Resp: 640947
Ion Ratio Lower Upper
104 100
78 52.0 41.2 61.8
103 56.6 44.6 67.0

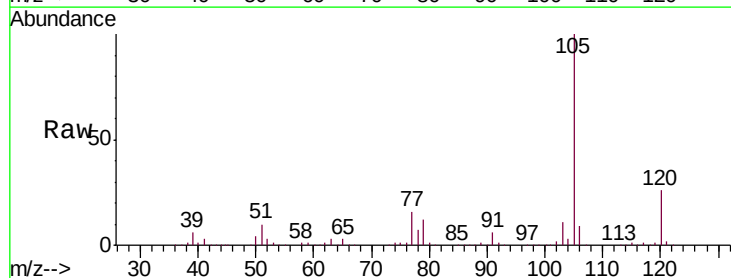


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

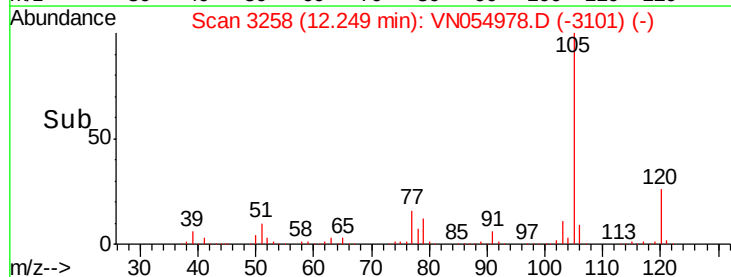
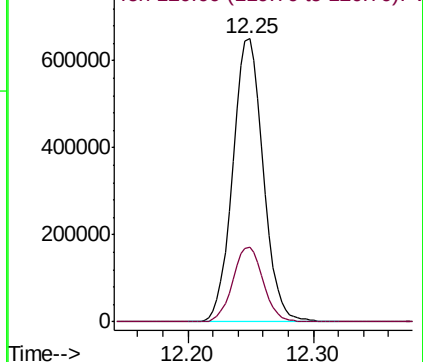


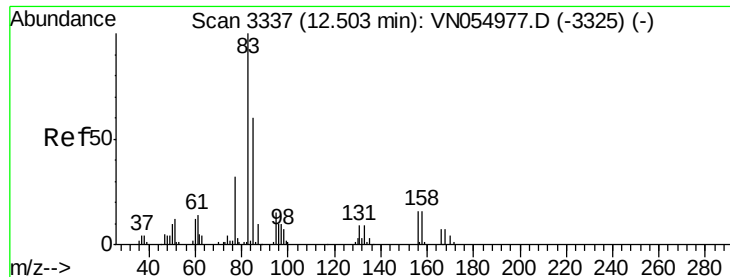
#70
Isopropylbenzene
Concen: 60.244 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN054978.D
Acq: 11 Apr 2019 15:21

Tgt Ion:105 Resp: 1097654
Ion Ratio Lower Upper
105 100
120 26.3 18.3 33.9



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

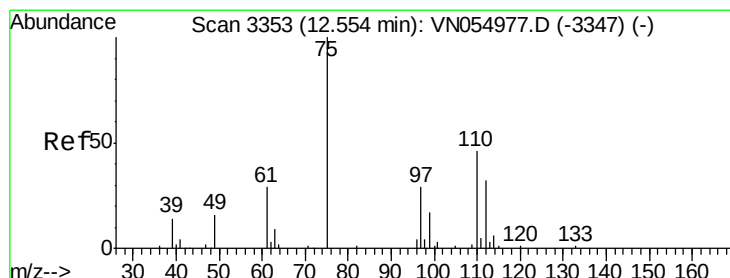
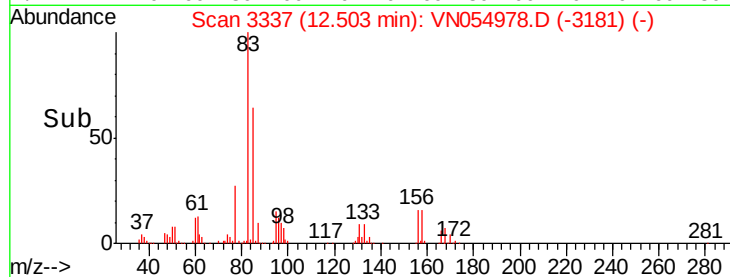
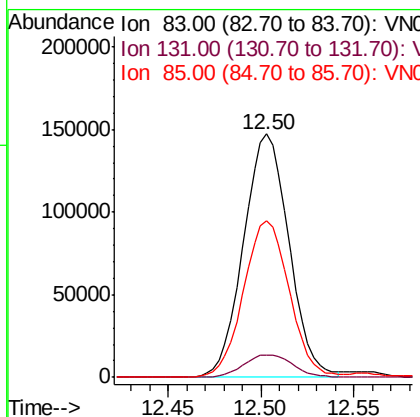
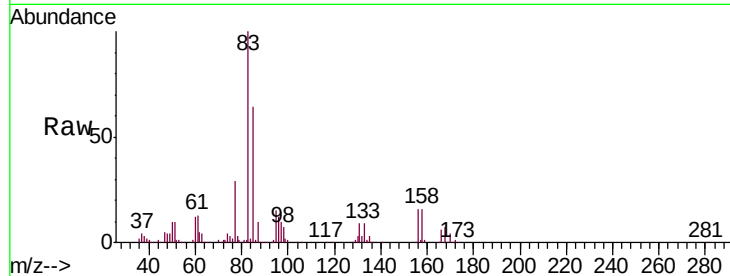




#71
 1,1,2,2-Tetrachloroethane
 Concen: 56.243 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

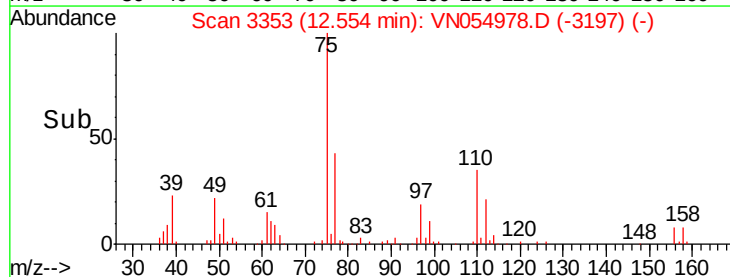
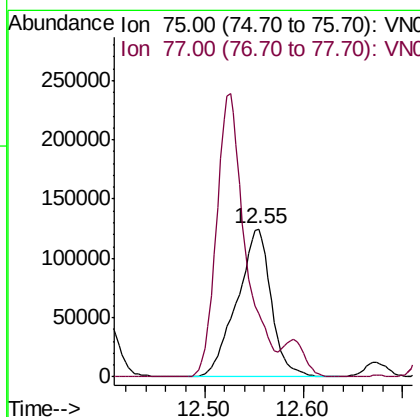
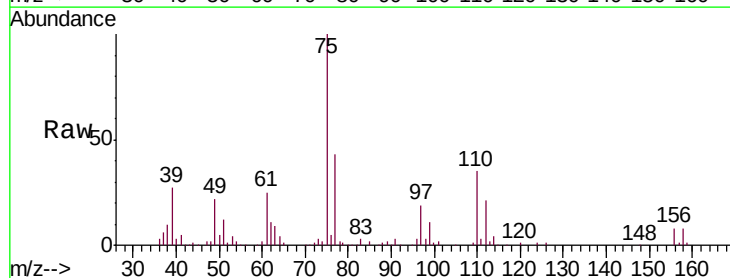
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

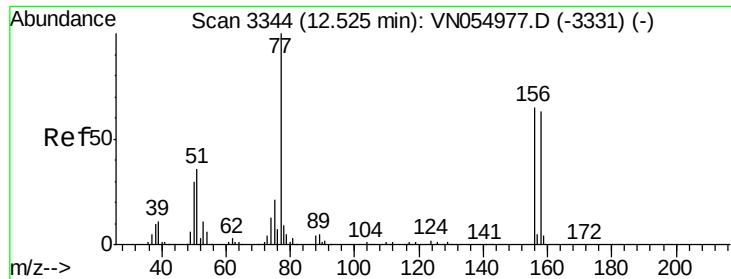
Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.2	4.6	13.8
85	64.7	30.9	92.5



#72
 1,2,3-Trichloropropane
 Concen: 87.768 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	164.5	0.0	466.6

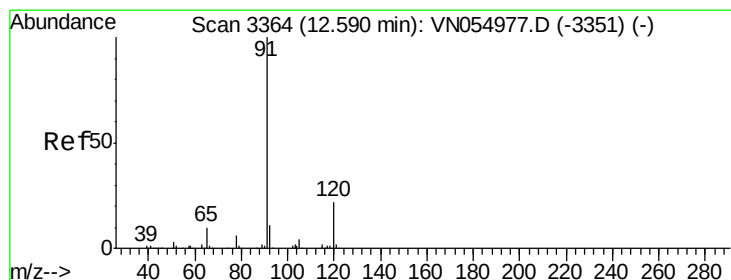
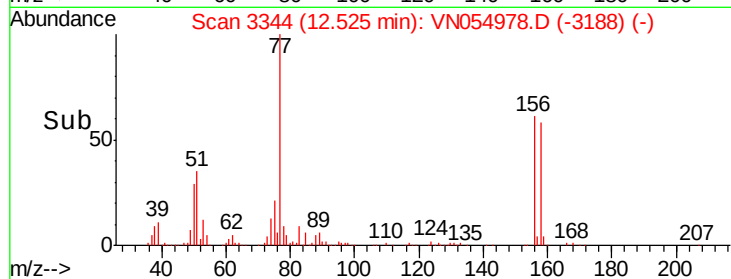
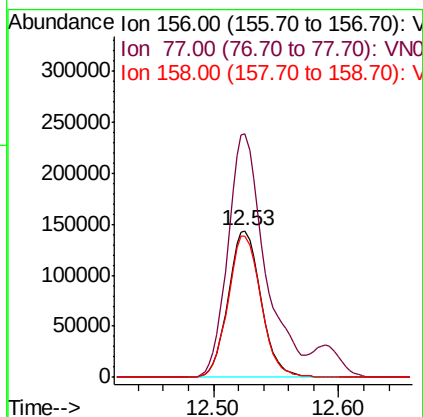
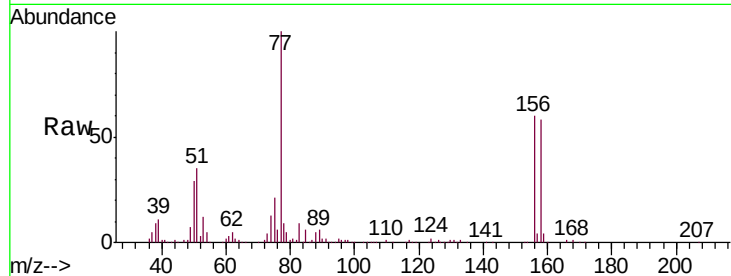




#73
Bromobenzene
Concen: 57.200 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN054978.D
Acq: 11 Apr 2019 15:21

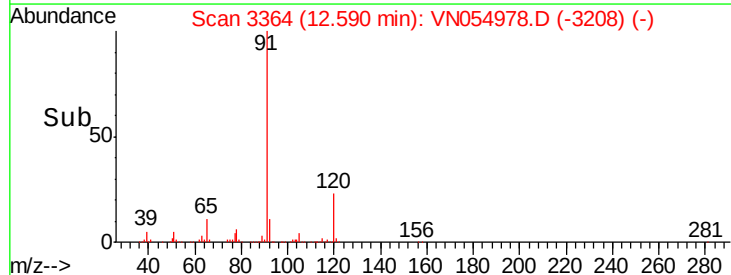
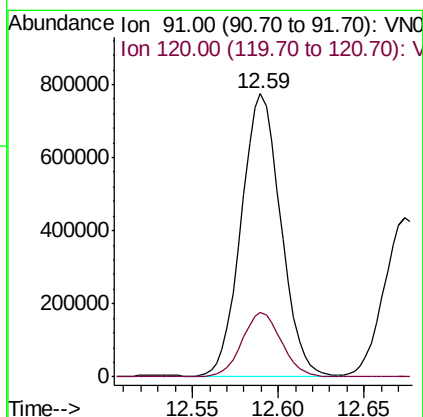
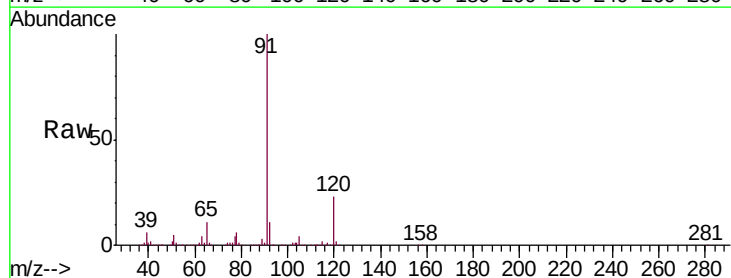
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

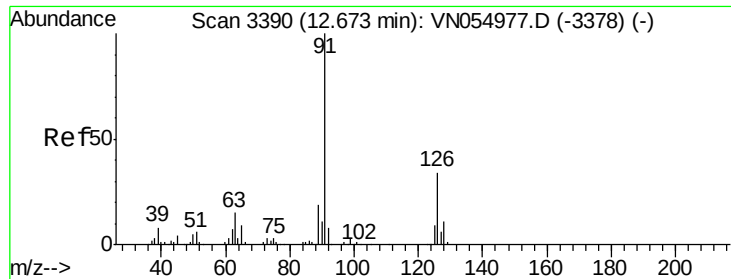
Tgt Ion:156 Resp: 261130
Ion Ratio Lower Upper
156 100
77 188.6 0.0 383.2
158 96.9 0.0 193.8



#74
n-propylbenzene
Concen: 57.586 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN054978.D
Acq: 11 Apr 2019 15:21

Tgt Ion: 91 Resp: 1242634
Ion Ratio Lower Upper
91 100
120 22.6 0.0 44.4





#75

2-Chlorotoluene

Concen: 58.387 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN054978.D

Acq: 11 Apr 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

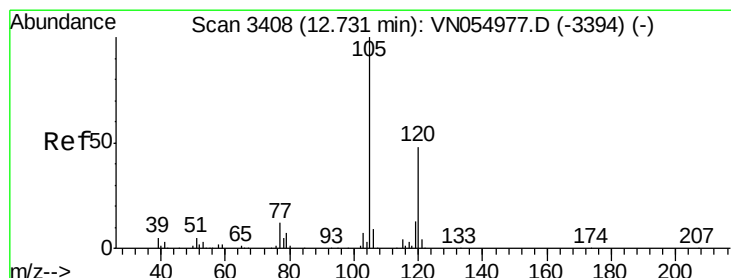
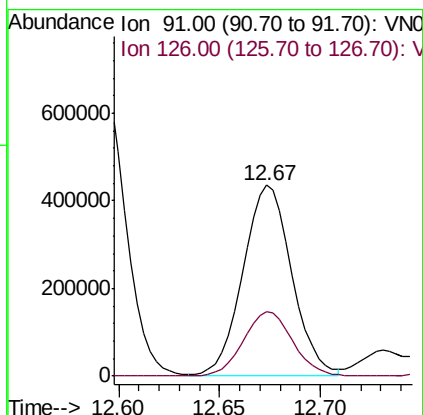
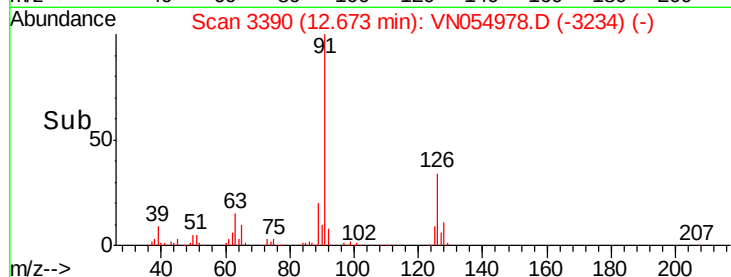
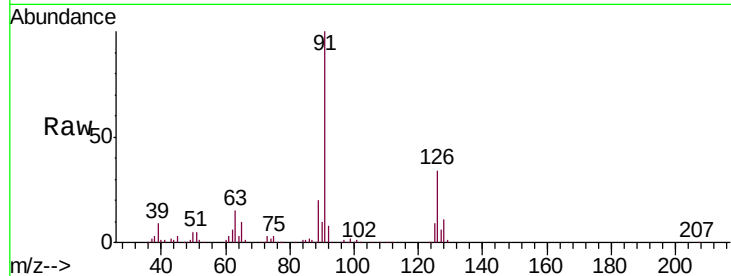
VSTDIC050

Tgt Ion: 91 Resp: 740474

Ion Ratio Lower Upper

91 100

126 34.0 0.0 67.4



#76

1,3,5-Trimethylbenzene

Concen: 57.583 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054978.D

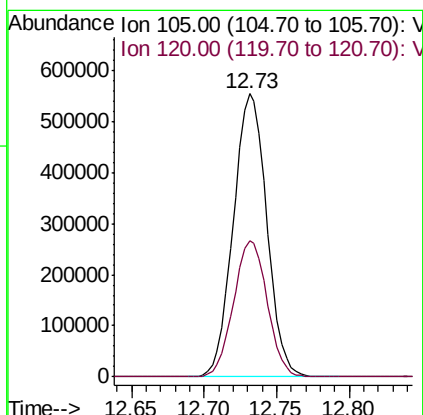
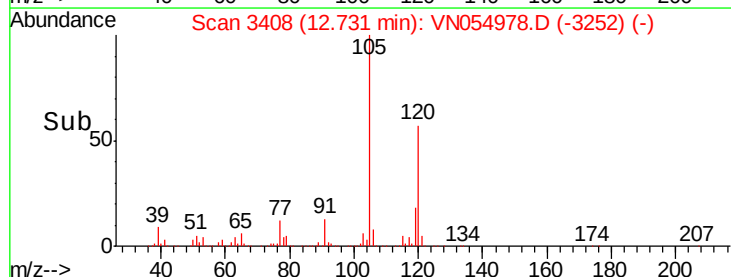
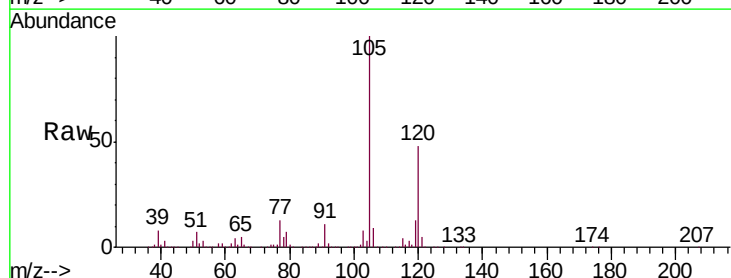
Acq: 11 Apr 2019 15:21

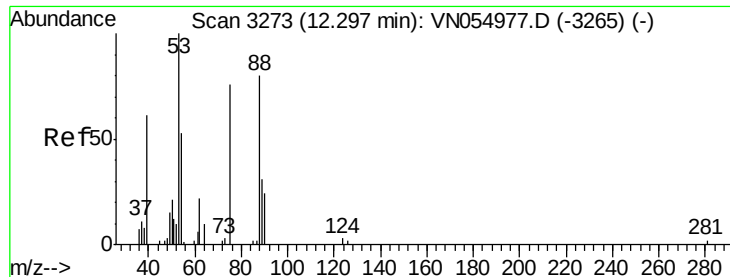
Tgt Ion: 105 Resp: 884354

Ion Ratio Lower Upper

105 100

120 48.6 0.0 94.8





#77

t-1,4-Dichloro-2-butene

Concen: 44.673 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN054978.D

Acq: 11 Apr 2019 15:21

Instrument :

MSVOA_N

ClientSampled :

VSTDIC050

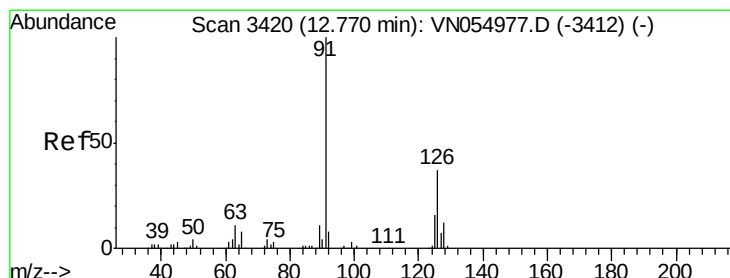
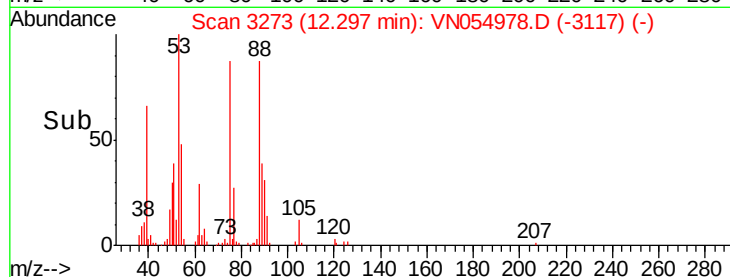
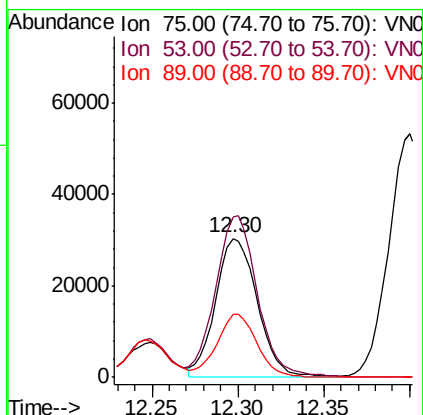
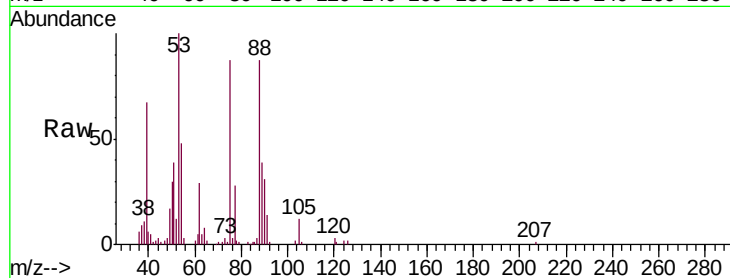
Tgt Ion: 75 Resp: 51754

Ion Ratio Lower Upper

75 100

53 115.4 64.3 192.7

89 45.5 21.6 65.0



#78

4-Chlorotoluene

Concen: 57.347 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN054978.D

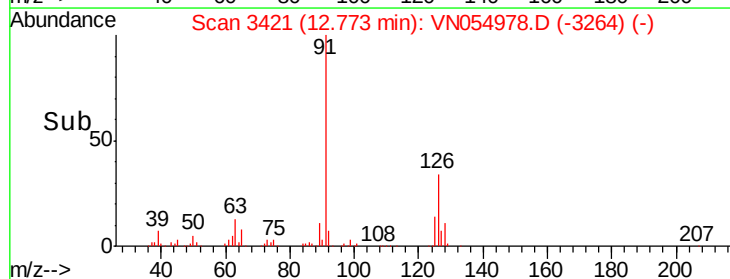
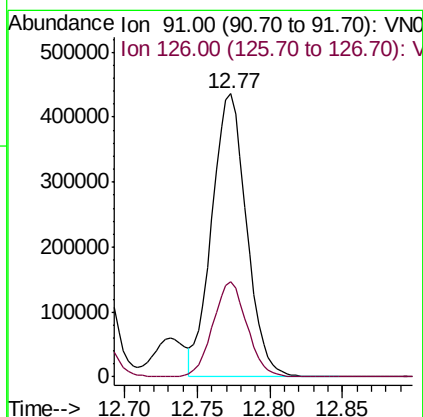
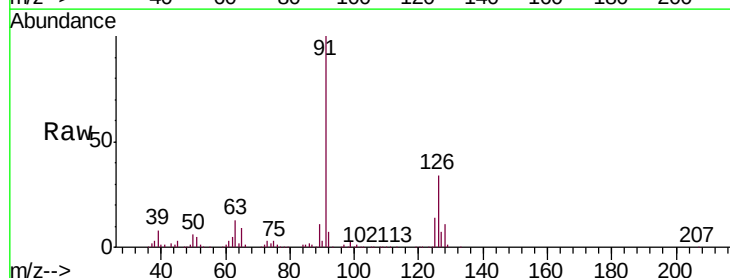
Acq: 11 Apr 2019 15:21

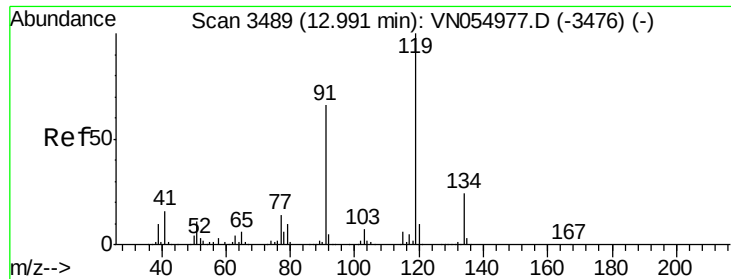
Tgt Ion: 91 Resp: 721639

Ion Ratio Lower Upper

91 100

126 33.1 0.0 66.6

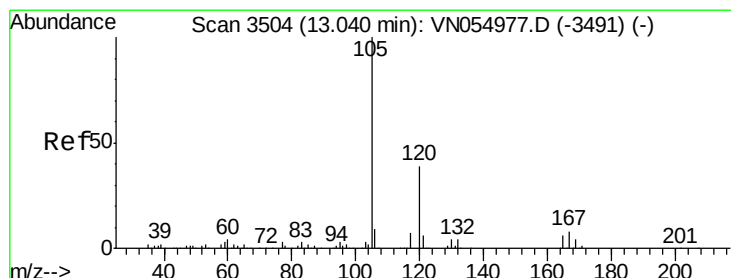
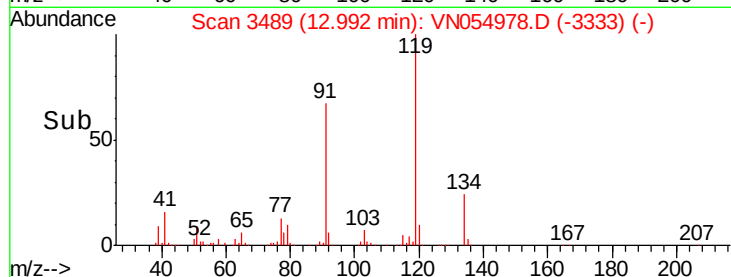
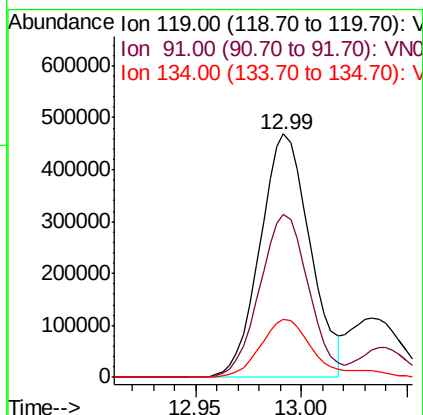
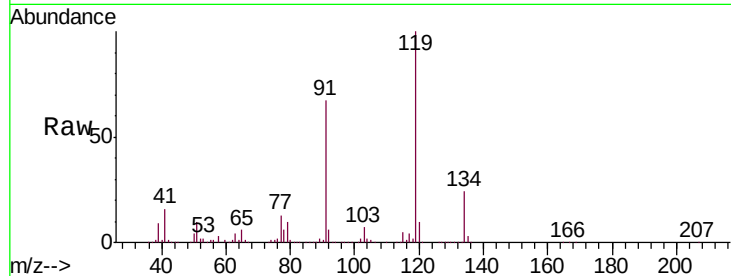




#79
tert-butylbenzene
Concen: 57.392 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN054978.D
Acq: 11 Apr 2019 15:21

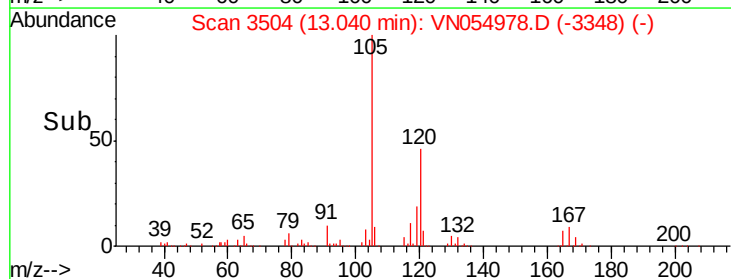
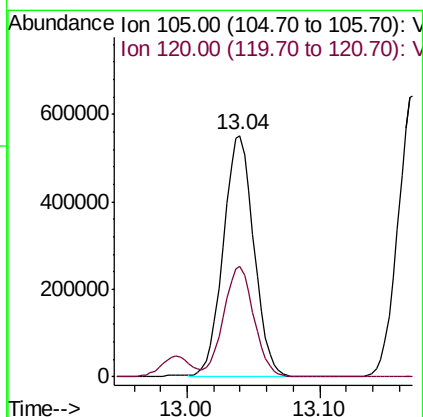
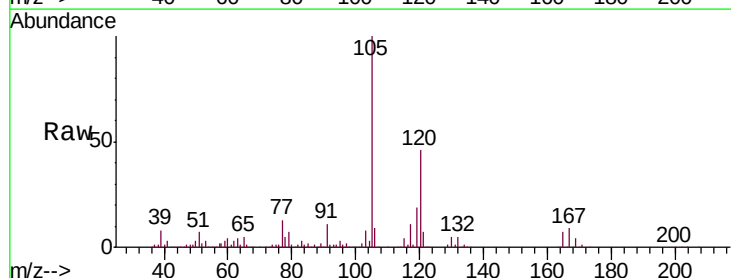
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

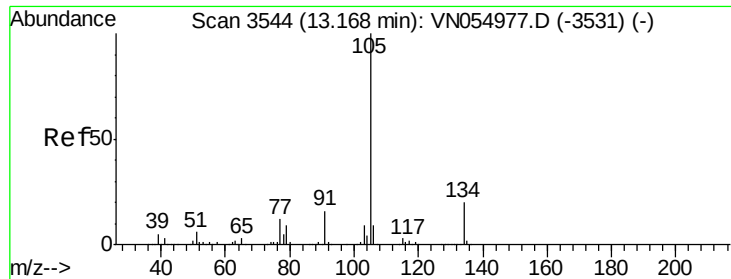
Tgt Ion:119 Resp: 774069
Ion Ratio Lower Upper
119 100
91 65.7 0.0 132.6
134 23.8 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 58.377 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054978.D
Acq: 11 Apr 2019 15:21

Tgt Ion:105 Resp: 886427
Ion Ratio Lower Upper
105 100
120 45.3 0.0 91.4





#81

sec-Butylbenzene

Concen: 55.948 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054978.D

Acq: 11 Apr 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

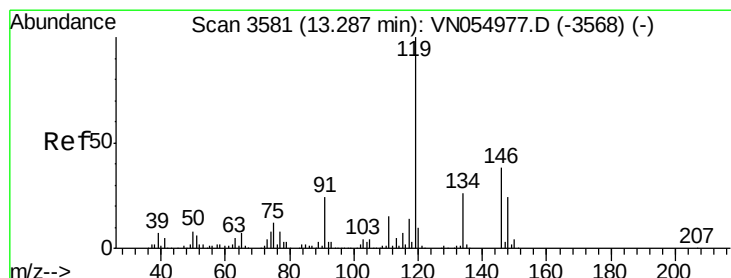
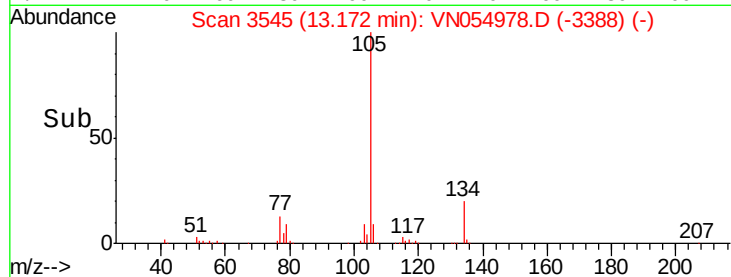
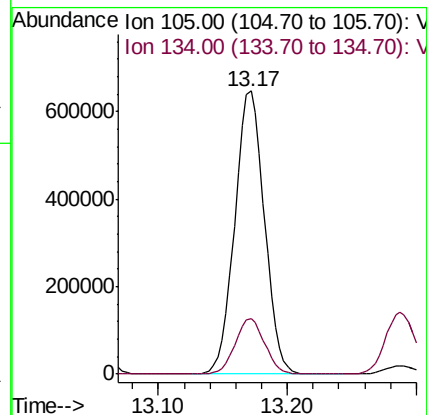
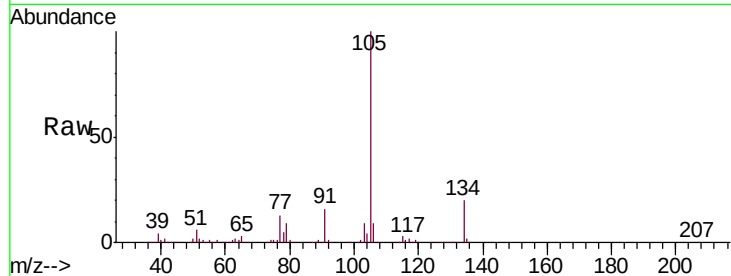
VSTDIC050

Tgt Ion:105 Resp: 1030563

Ion Ratio Lower Upper

105 100

134 19.6 0.0 40.0



#82

p-Isopropyltoluene

Concen: 55.989 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN054978.D

Acq: 11 Apr 2019 15:21

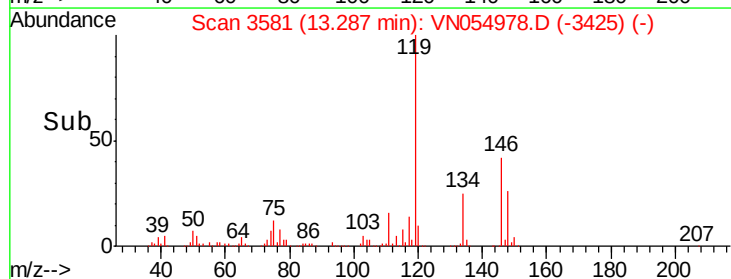
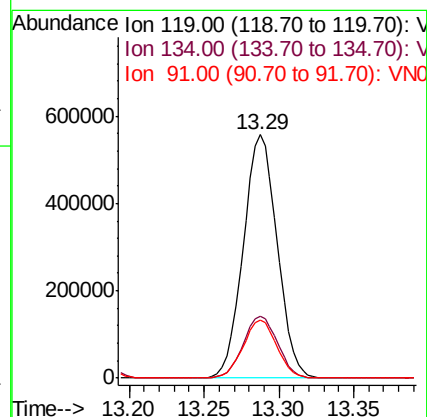
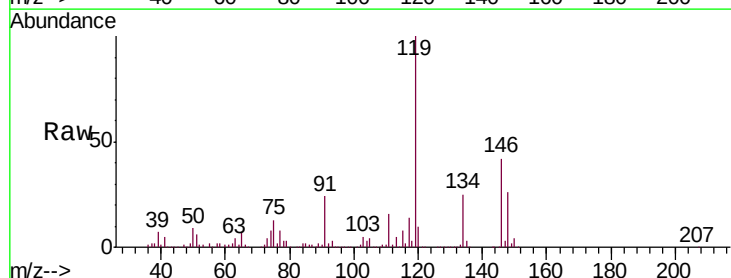
Tgt Ion:119 Resp: 877523

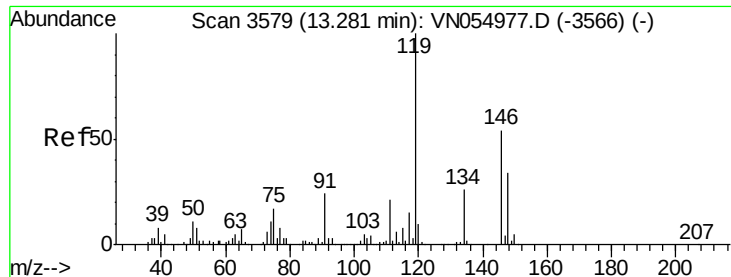
Ion Ratio Lower Upper

119 100

134 25.9 0.0 53.2

91 23.5 0.0 47.8

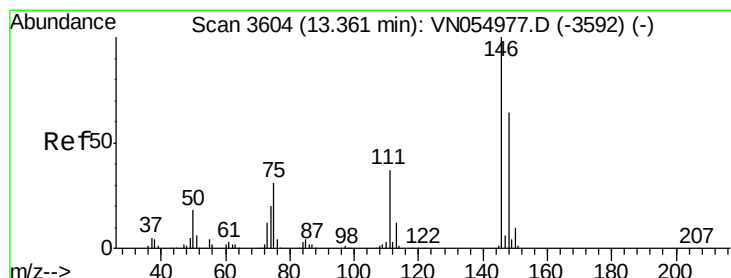
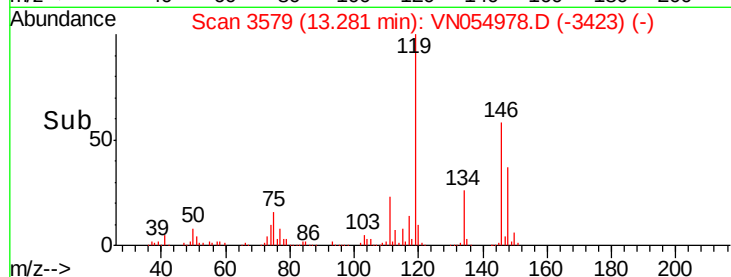
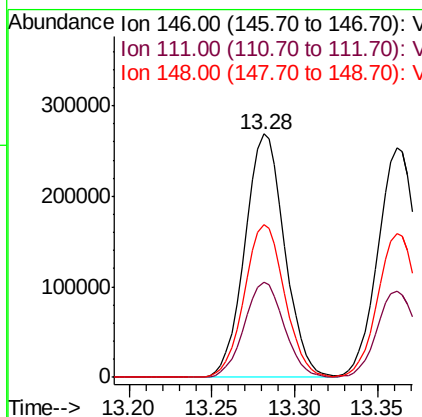
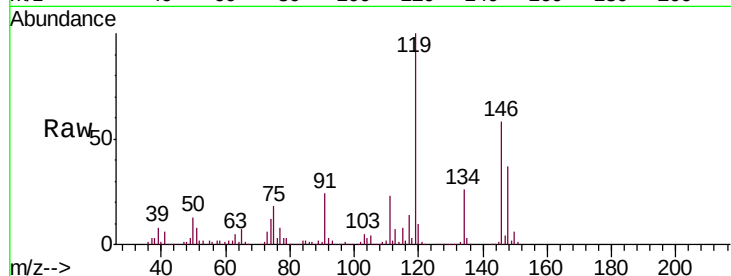




#83
 1,3-Dichlorobenzene
 Concen: 56.097 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

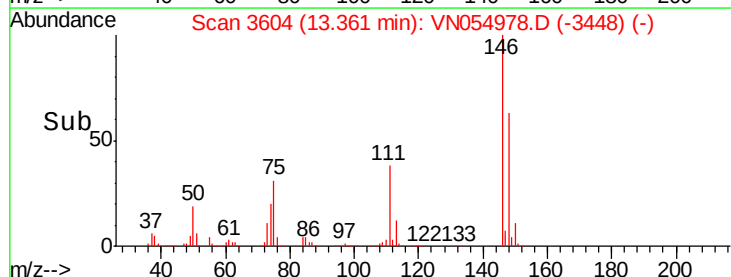
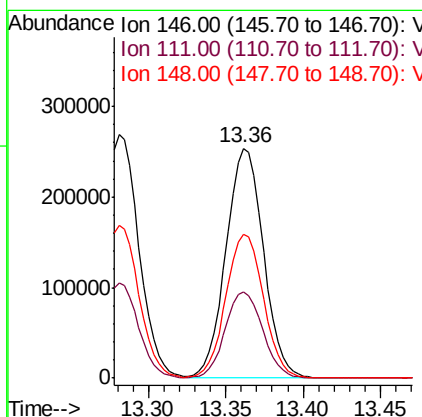
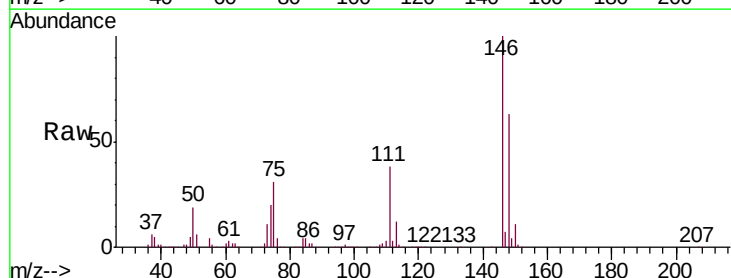
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

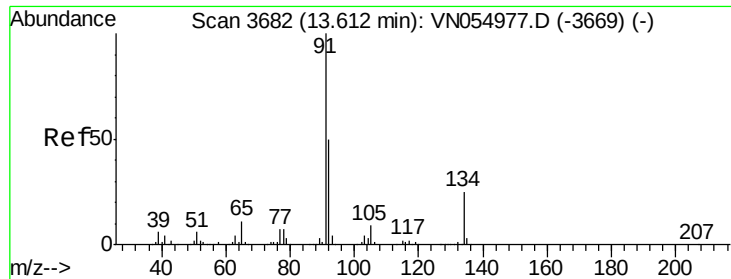
Tgt Ion:146 Resp: 447700
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.1 57.5
 148 63.6 31.9 95.5



#84
 1,4-Dichlorobenzene
 Concen: 56.188 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

Tgt Ion:146 Resp: 427144
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.4 55.2
 148 62.9 32.5 97.4





#85

n-Butylbenzene

Concen: 52.710 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN054978.D

Acq: 11 Apr 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

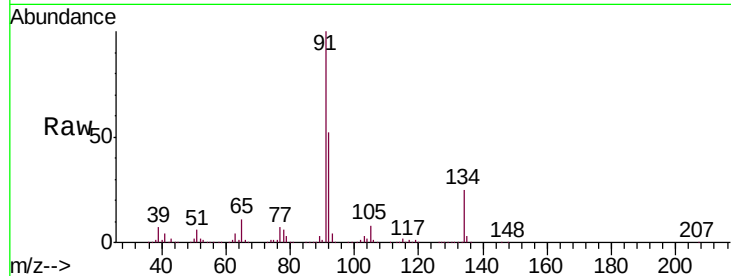
Tgt Ion: 91 Resp: 707111

Ion Ratio Lower Upper

91 100

92 51.9 0.0 101.4

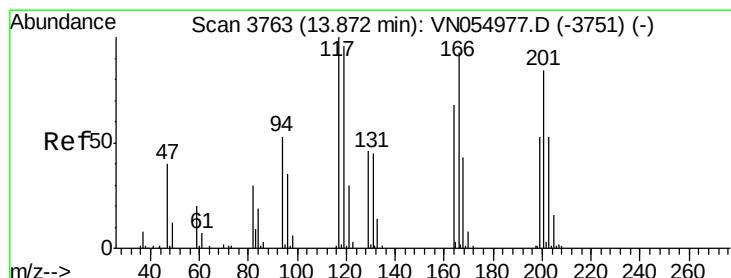
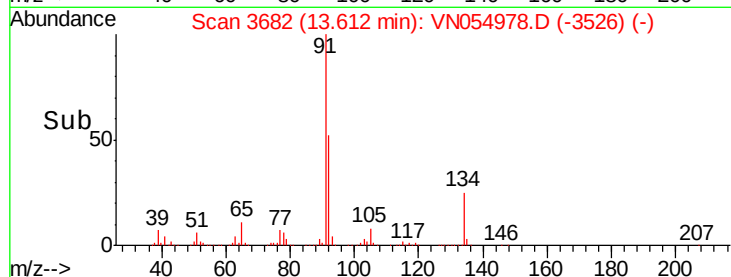
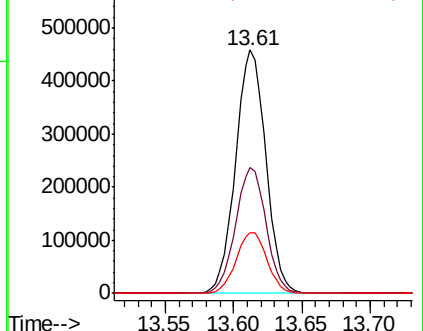
134 25.5 0.0 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN054977.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN054977.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN054977.D (-3669) (-)



#86

Hexachloroethane

Concen: 47.857 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN054978.D

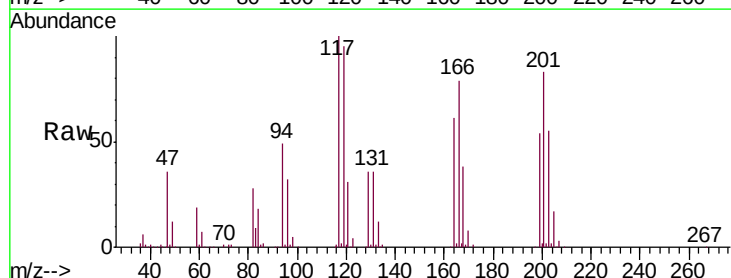
Acq: 11 Apr 2019 15:21

Tgt Ion: 117 Resp: 139574

Ion Ratio Lower Upper

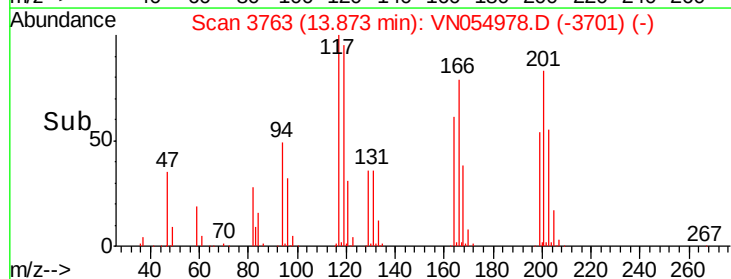
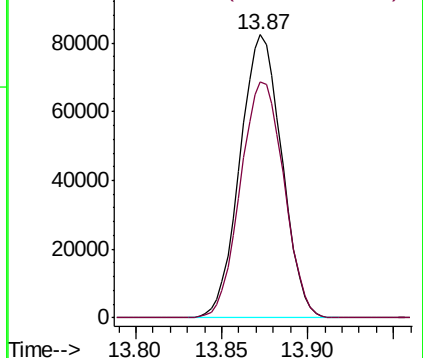
117 100

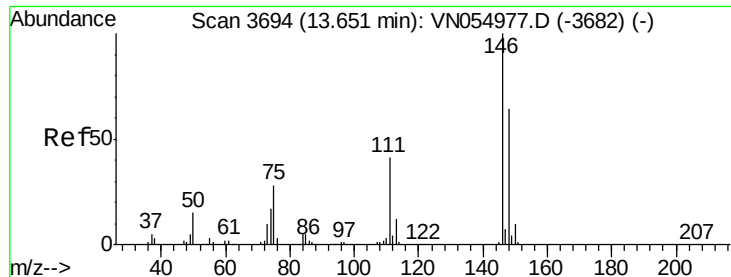
201 86.5 42.8 128.3



Abundance Ion 117.00 (116.70 to 117.70): VN054977.D (-3751) (-)

Ion 201.00 (200.70 to 201.70): VN054977.D (-3751) (-)

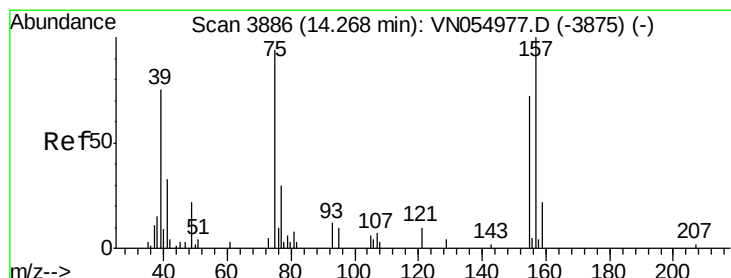
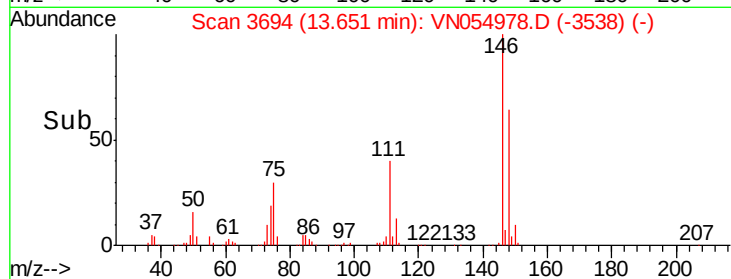
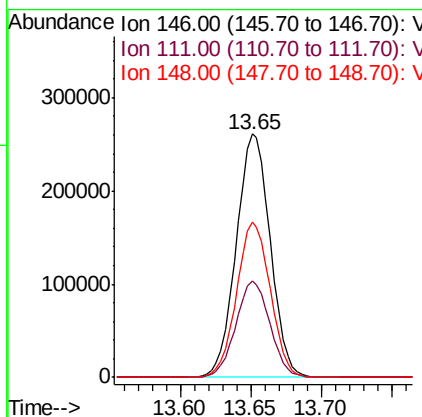
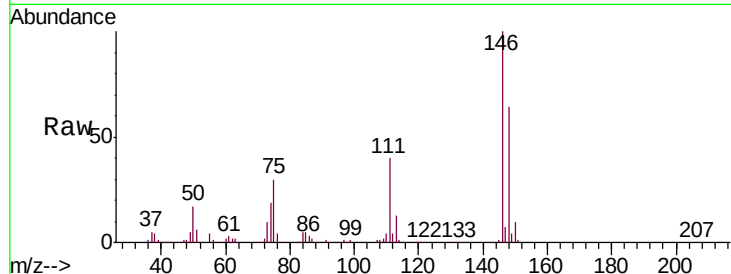




#87
 1,2-Dichlorobenzene
 Concen: 56.911 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

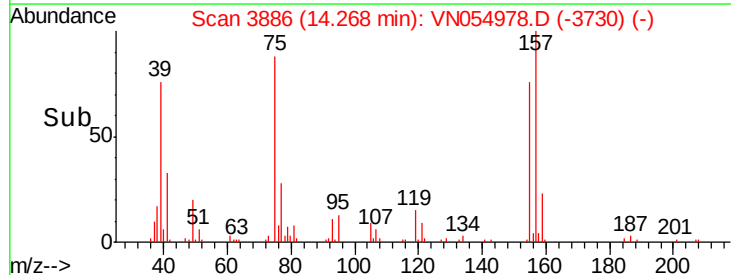
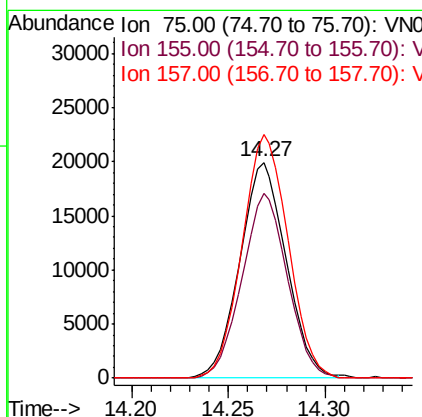
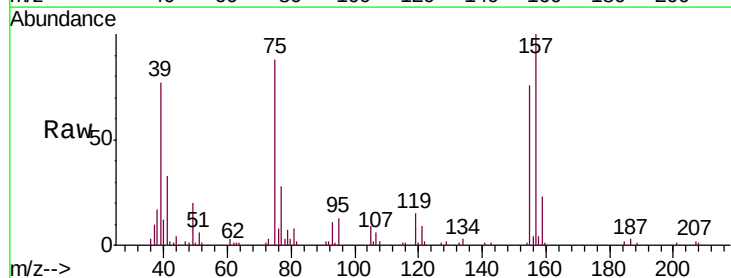
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

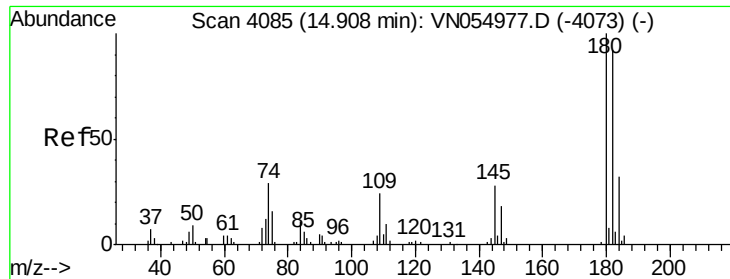
Tgt Ion: 146 Resp: 440829
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.3 60.8
 148 63.4 32.5 97.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 52.945 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

Tgt Ion: 75 Resp: 33375
 Ion Ratio Lower Upper
 75 100
 155 83.4 61.8 92.8
 157 111.5 82.7 124.1

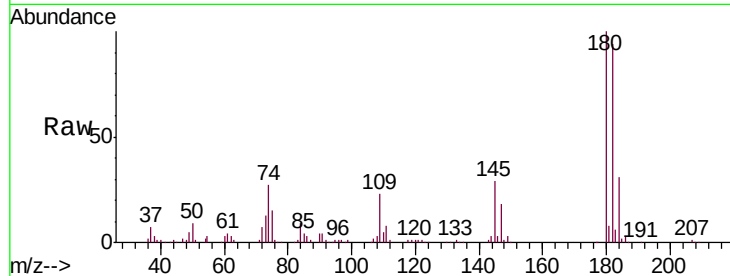




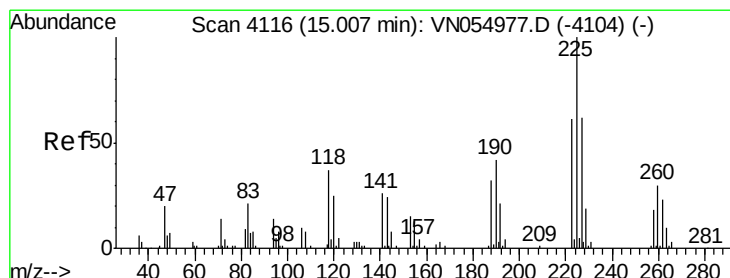
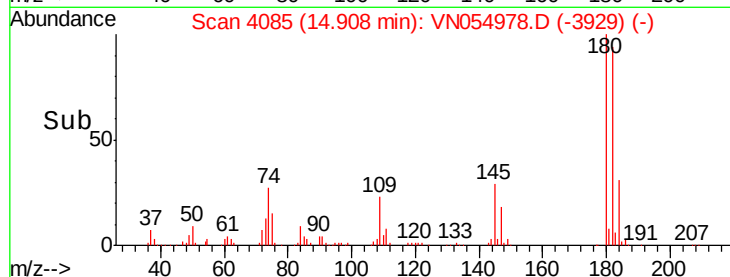
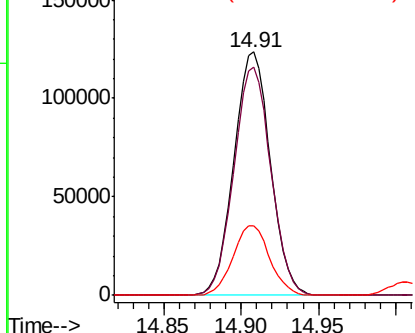
#89
 1,2,4-Trichlorobenzene
 Concen: 53.444 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion:180 Resp: 202530
 Ion Ratio Lower Upper
 180 100
 182 94.7 73.2 109.8
 145 29.0 23.2 34.8

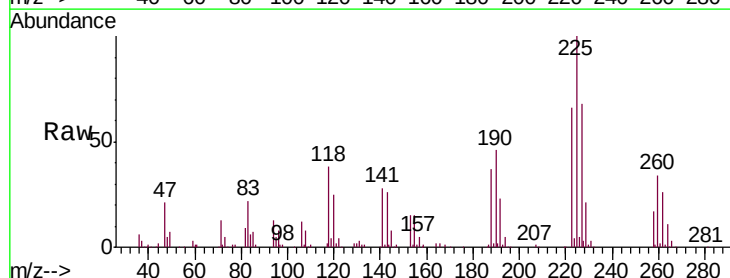


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

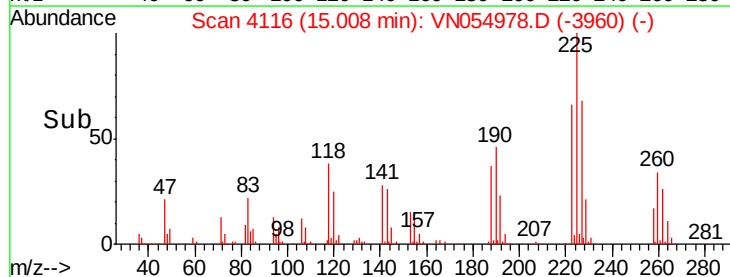
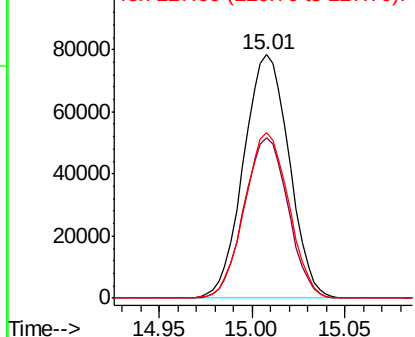


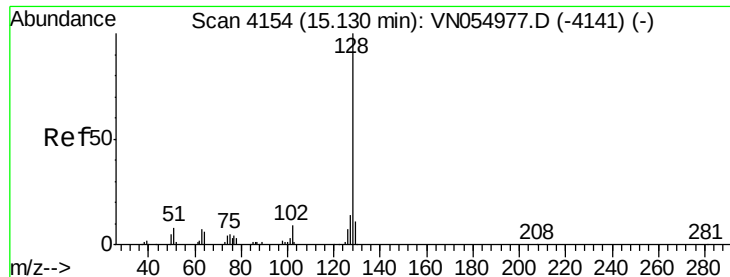
#90
 Hexachlorobutadiene
 Concen: 46.635 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054978.D
 Acq: 11 Apr 2019 15:21

Tgt Ion:225 Resp: 133624
 Ion Ratio Lower Upper
 225 100
 223 63.7 0.0 126.0
 227 65.9 0.0 125.4



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

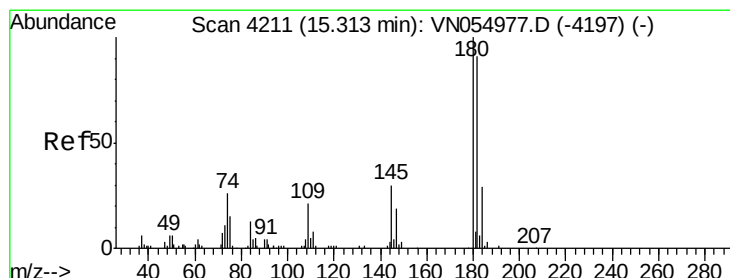
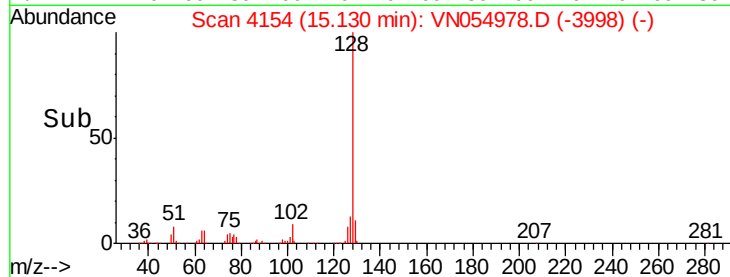
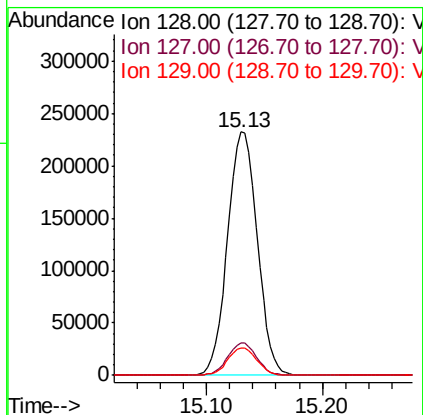
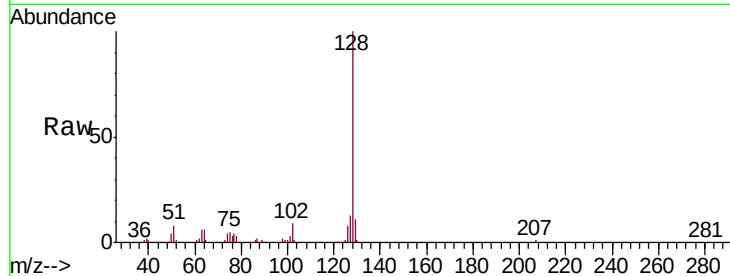




#91
Naphthalene
Concen: 54.992 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN054978.D
Acq: 11 Apr 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 413601
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 11.0 9.0 13.6



#92
1,2,3-Trichlorobenzene
Concen: 52.091 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN054978.D
Acq: 11 Apr 2019 15:21

Tgt Ion:180 Resp: 196843
Ion Ratio Lower Upper
180 100
182 94.9 0.0 188.2
145 31.5 0.0 61.2

