

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010519\
 Data File : VN053289.D
 Acq On : 4 Jan 2019 19:02
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 05 00:06:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 05 00:00:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	925142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1407517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1274274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	634823	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	945879	101.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.02%	
35) Dibromofluoromethane	7.59	113	813016	120.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	241.36%	
50) Toluene-d8	10.09	98	3433352	100.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.40%	
62) 4-Bromofluorobenzene	12.40	95	1216038	101.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	841262	91.011	ug/l	99
3) Chloromethane	2.06	50	1119678	98.877	ug/l	99
4) Vinyl Chloride	2.19	62	1102223	96.497	ug/l	100
5) Bromomethane	2.55	94	703171	89.251	ug/l	99
6) Chloroethane	2.70	64	642090	95.211	ug/l	99
7) Trichlorofluoromethane	3.02	101	1404598	98.630	ug/l	100
8) Diethyl Ether	3.41	74	565714	104.398	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	890392	97.896	ug/l	100
10) Methyl Iodide	3.96	142	1343153	105.621	ug/l	100
11) Tert butyl alcohol	4.78	59	272544	470.743	ug/l	99
12) 1,1-Dichloroethene	3.74	96	874529	99.580	ug/l	99
13) Acrolein	3.61	56	385071	695.971	ug/l	99
14) Allyl chloride	4.33	41	1404232	103.012	ug/l	99
15) Acrylonitrile	4.99	53	1770513	546.864	ug/l	100
16) Acetone	3.82	43	1146939	592.962	ug/l	98
17) Carbon Disulfide	4.06	76	2703307	94.623	ug/l	100
18) Methyl Acetate	4.32	43	847047	98.398	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	2483726	104.913	ug/l	100
20) Methylene Chloride	4.55	84	995964	99.035	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	944269	99.804	ug/l	99
22) Diisopropyl ether	5.95	45	3017389	103.120	ug/l	99
23) Vinyl Acetate	5.90	43	9911541	574.293	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1752848	101.214	ug/l	100
25) 2-Butanone	6.83	43	1957223	608.825	ug/l	100
26) 2,2-Dichloropropane	6.83	77	1281165	97.590	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	1081068	100.866	ug/l	99
28) Bromochloromethane	7.19	49	753753	100.337	ug/l	100
29) Tetrahydrofuran	7.21	42	1309273	556.501	ug/l	100
30) Chloroform	7.37	83	1689887	99.414	ug/l	98
31) Cyclohexane	7.65	56	1637151	85.358	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	1449399	100.335	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1351665	100.179	ug/l	99
37) Ethyl Acetate	6.93	43	881310	114.502	ug/l	99
38) Carbon Tetrachloride	7.78	117	1261359	102.064	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Sat Jan 05 00:00:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1581362	96.977	ug/l	100
40) Benzene	8.04	78	4072493	101.146	ug/l	100
41) Methacrylonitrile	7.17	41	512095	116.940	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	1200136	101.084	ug/l	99
43) Isopropyl Acetate	8.16	43	1599982	94.539	ug/l	99
44) Trichloroethene	8.84	130	1115107	96.727	ug/l	99
45) 1,2-Dichloropropane	9.12	63	1075172	102.542	ug/l	99
46) Dibromomethane	9.21	93	624282	101.941	ug/l	100
47) Bromodichloromethane	9.40	83	1316013	101.614	ug/l	100
48) Methyl methacrylate	9.20	41	802016	108.297	ug/l	99
49) 1,4-Dioxane	9.20	88	143302	1542.049	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	4360129	581.267	ug/l	100
52) Toluene	10.16	92	2515355	100.777	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1399660	102.936	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1593341	102.143	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	898493	102.735	ug/l	98
56) Ethyl methacrylate	10.43	69	1272354	109.569	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1555116	104.174	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	3357059	530.297	ug/l	100
59) 2-Hexanone	10.75	43	3001813	588.121	ug/l	99
60) Dibromochloromethane	10.90	129	1026310	102.985	ug/l	100
61) 1,2-Dibromoethane	11.01	107	924542	104.234	ug/l	99
64) Tetrachloroethene	10.63	164	1191927	88.170	ug/l	99
65) Chlorobenzene	11.43	112	2777388	98.360	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	997965	101.590	ug/l	100
67) Ethyl Benzene	11.51	91	4842168	99.746	ug/l	100
68) m/p-Xylenes	11.62	106	3671954	198.868	ug/l	100
69) o-Xylene	11.95	106	1790651	101.155	ug/l	99
70) Styrene	11.96	104	2991353	103.498	ug/l	99
71) Bromoform	12.13	173	730899	103.259	ug/l #	99
73) Isopropylbenzene	12.25	105	4686417	94.529	ug/l	100
74) N-amyl acetate	12.07	43	1469581	105.546	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	1048628	105.064	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	1442937	137.686	ug/l #	100
77) Bromobenzene	12.53	156	1237804	95.901	ug/l	99
78) n-propylbenzene	12.59	91	5394861	95.574	ug/l	99
79) 2-Chlorotoluene	12.68	91	3181296	90.867	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	3836238	95.046	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	343016	103.653	ug/l	99
82) 4-Chlorotoluene	12.77	91	3312839	96.601	ug/l	100
83) tert-Butylbenzene	12.99	119	3319875	93.130	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	3920546	96.574	ug/l	100
85) sec-Butylbenzene	13.17	105	4455528	92.596	ug/l	100
86) p-Isopropyltoluene	13.29	119	3943681	94.843	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	2225649	97.579	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	2196893	95.035	ug/l	100
89) n-Butylbenzene	13.62	91	3342880	93.625	ug/l	100
90) Hexachloroethane	13.88	117	653953	101.929	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	2065394	96.125	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	130815	79.736	ug/l	99

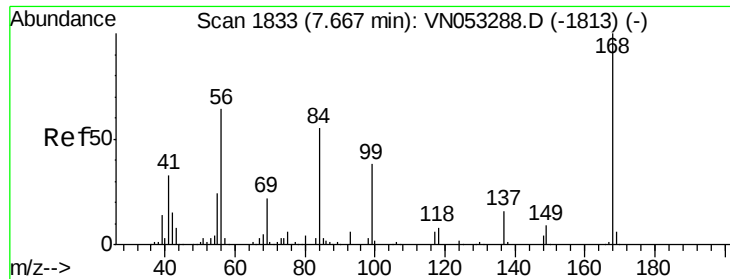
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010519\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	682143	56.401	ug/l	99
94) Hexachlorobutadiene	15.01	225	519055	70.893	ug/l	99
95) Naphthalene	15.13	128	1229325	46.862	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	448684	40.836	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

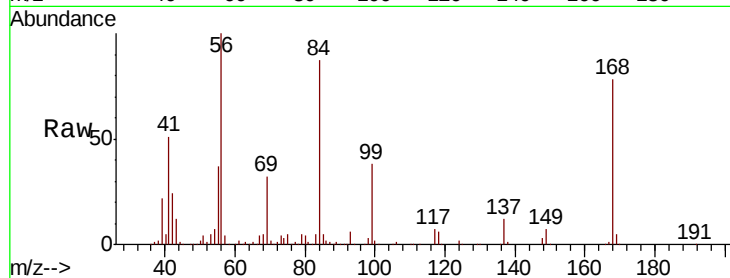
VSTDIC100

Tgt Ion:168 Resp: 925142

Ion Ratio Lower Upper

168 100

99 49.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

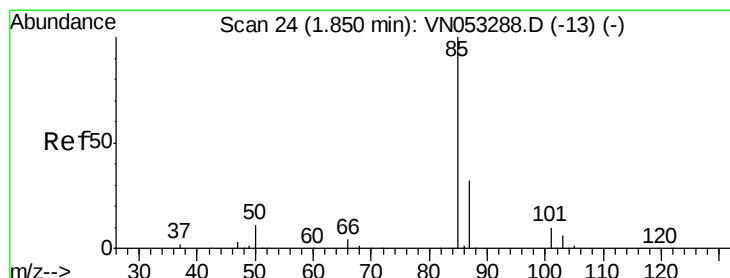
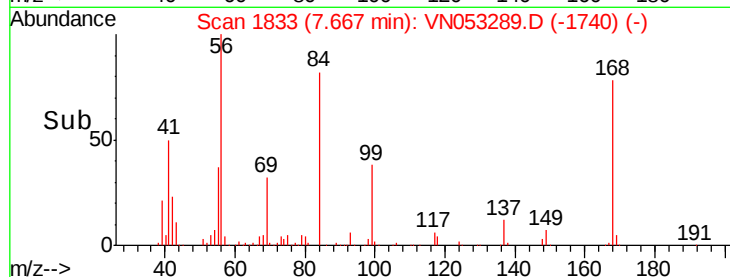
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 91.011 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053289.D

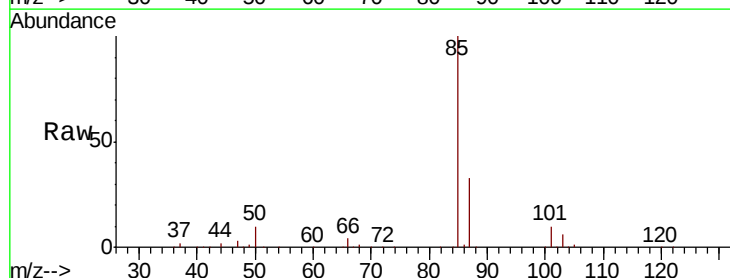
Acq: 4 Jan 2019 19:02

Tgt Ion: 85 Resp: 841262

Ion Ratio Lower Upper

85 100

87 32.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

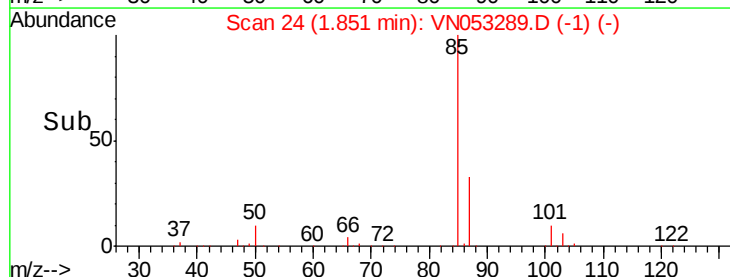
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200000

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Time-->





#3

Chloromethane

Concen: 98.877 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

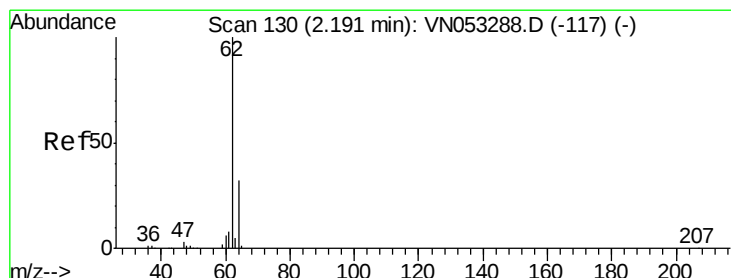
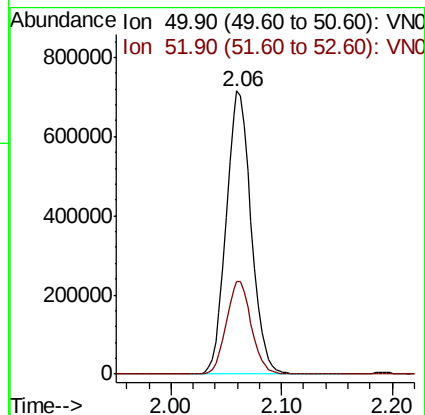
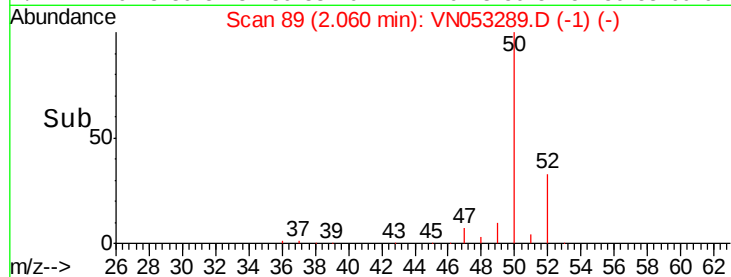
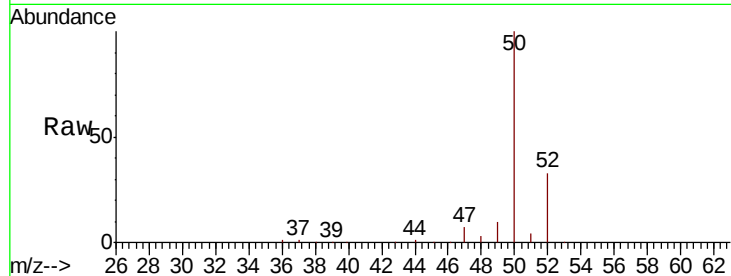
VSTDIC100

Tgt Ion: 50 Resp: 1119678

Ion Ratio Lower Upper

50 100

52 32.9 26.6 40.0



#4

Vinyl Chloride

Concen: 96.497 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN053289.D

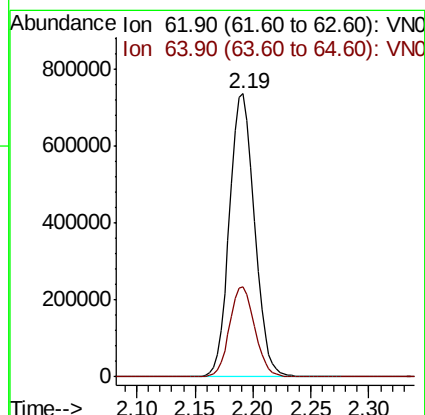
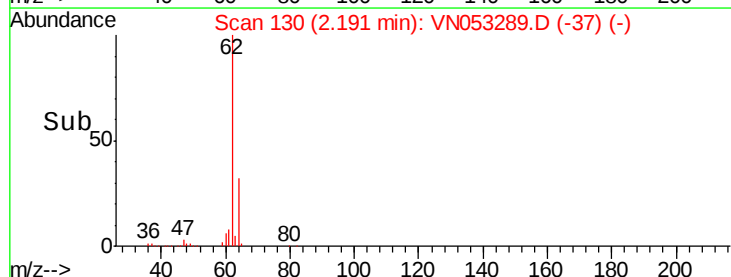
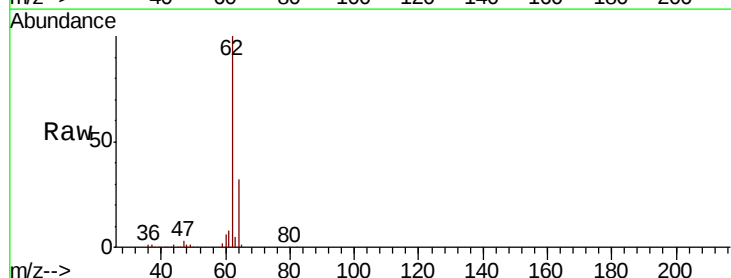
Acq: 4 Jan 2019 19:02

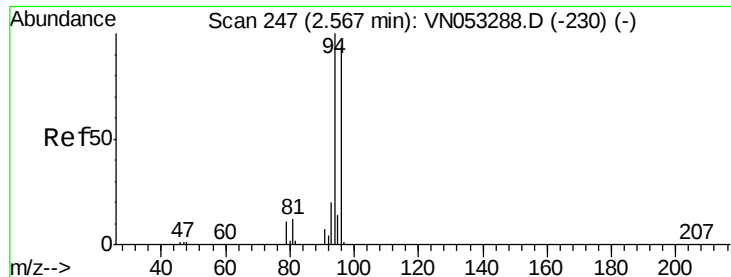
Tgt Ion: 62 Resp: 1102223

Ion Ratio Lower Upper

62 100

64 31.9 25.6 38.4





#5

Bromomethane

Concen: 89.251 ug/l

RT: 2.55 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

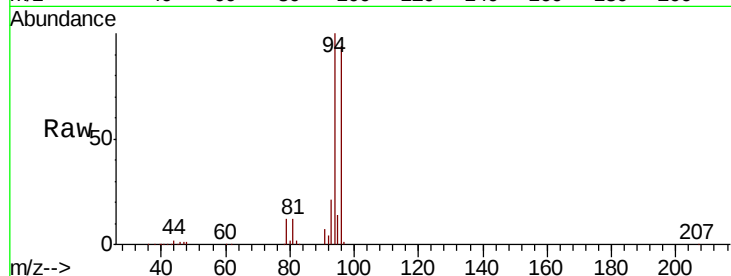
VSTDIC100

Tgt Ion: 94 Resp: 703171

Ion Ratio Lower Upper

94 100

96 94.5 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN053288.D (-230) (-)

Ion 95.90 (95.60 to 96.60): VN053288.D (-230) (-)

2.55

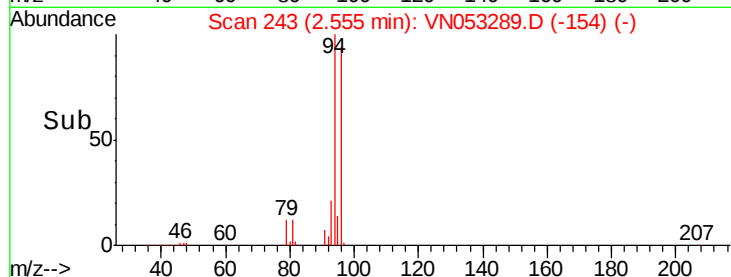
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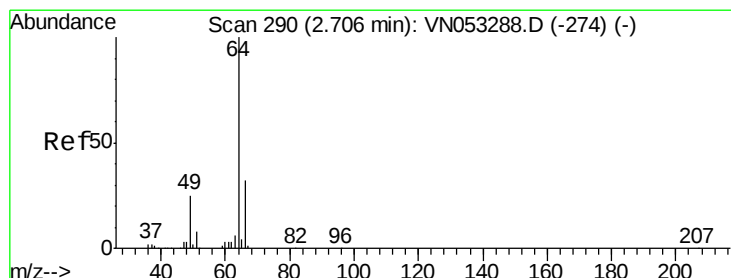
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0

Time-->



Time-->



#6

Chloroethane

Concen: 95.211 ug/l

RT: 2.70 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN053289.D

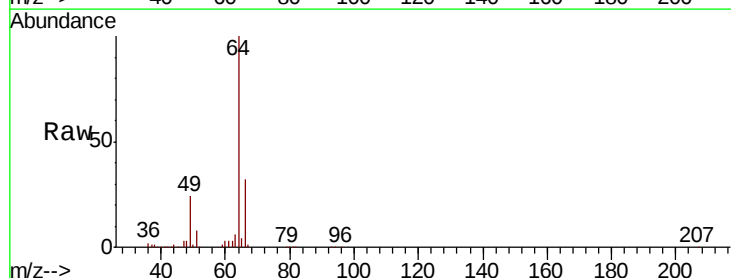
Acq: 4 Jan 2019 19:02

Tgt Ion: 64 Resp: 642090

Ion Ratio Lower Upper

64 100

66 32.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN053288.D (-274) (-)

Ion 65.90 (65.60 to 66.60): VN053288.D (-274) (-)

2.70

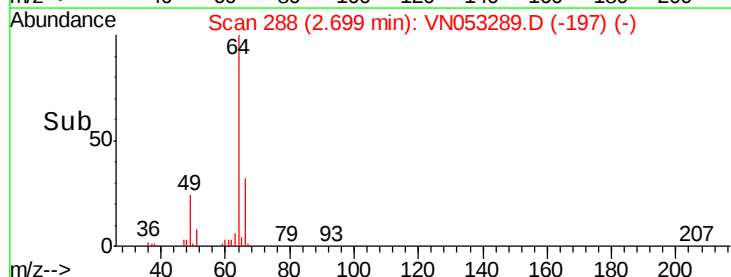
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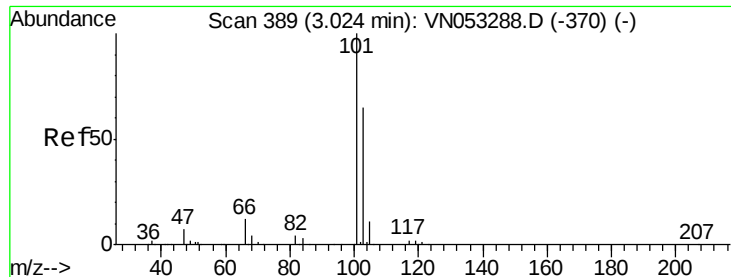
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Time-->



Time-->

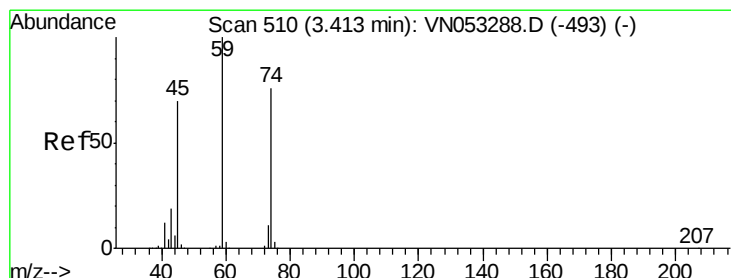
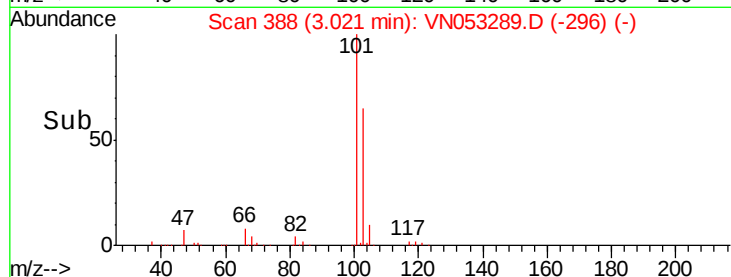
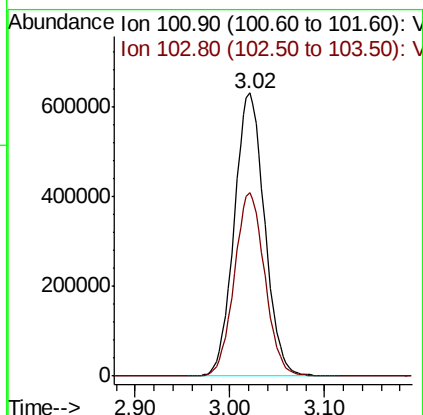
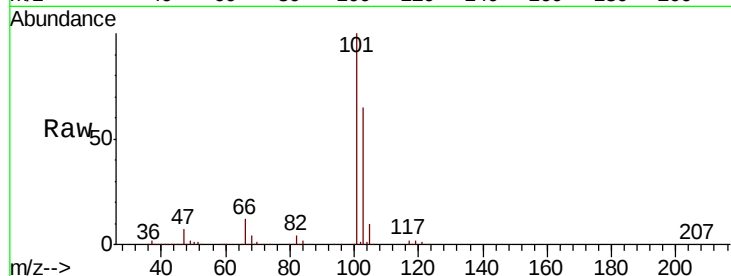


#7

Trichlorofluoromethane
 Concen: 98.630 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN053289.D
 Acq: 4 Jan 2019 19:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

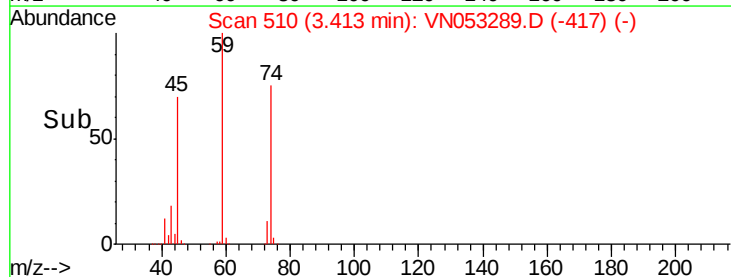
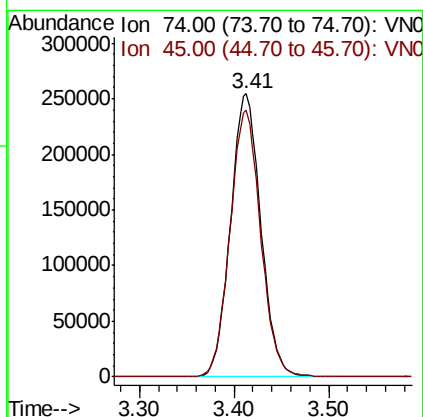
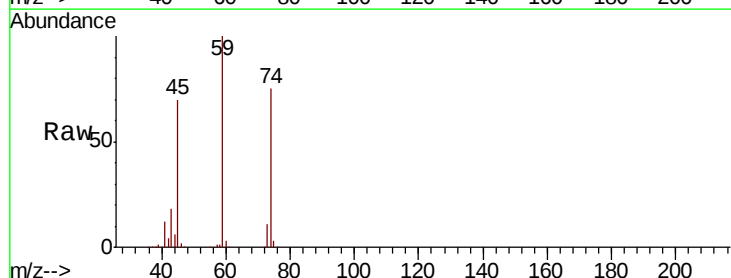
Tgt Ion:101 Resp: 1404598
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.1 78.1

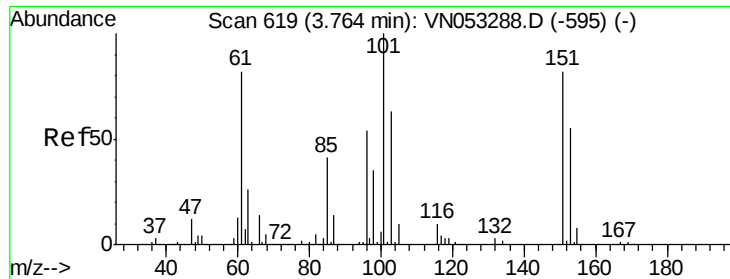


#8

Diethyl Ether
 Concen: 104.398 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN053289.D
 Acq: 4 Jan 2019 19:02

Tgt Ion: 74 Resp: 565714
 Ion Ratio Lower Upper
 74 100
 45 95.2 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 97.896 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

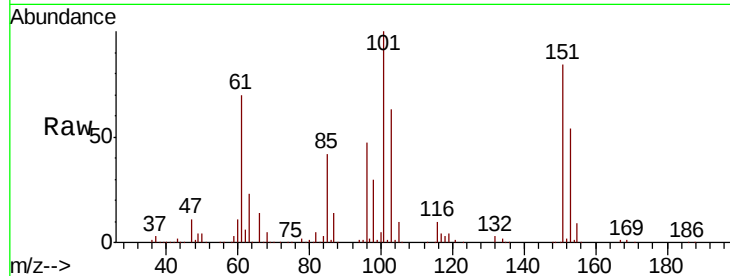
Tgt Ion:101 Resp: 890392

Ion Ratio Lower Upper

101 100

85 41.6 33.3 49.9

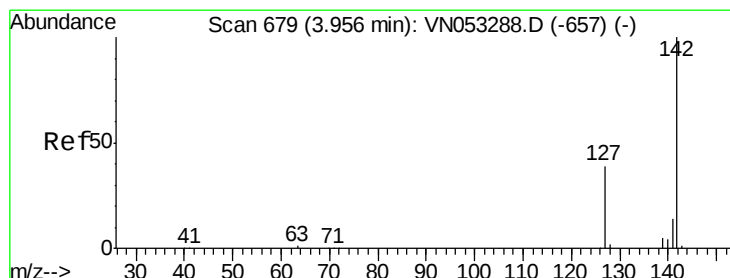
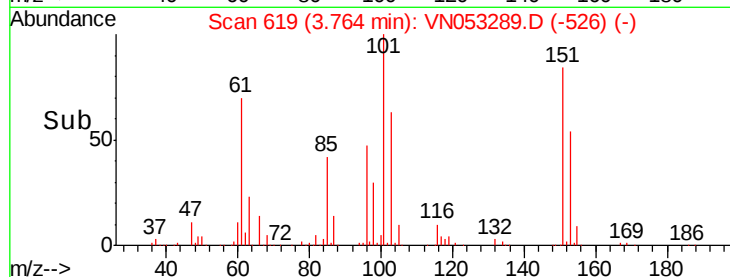
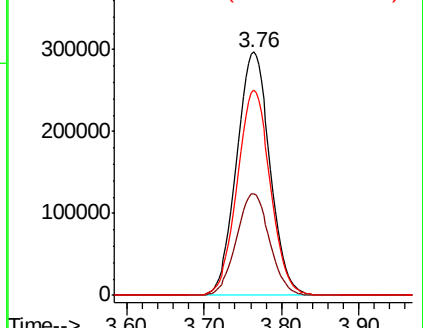
151 83.8 67.0 100.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 105.621 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

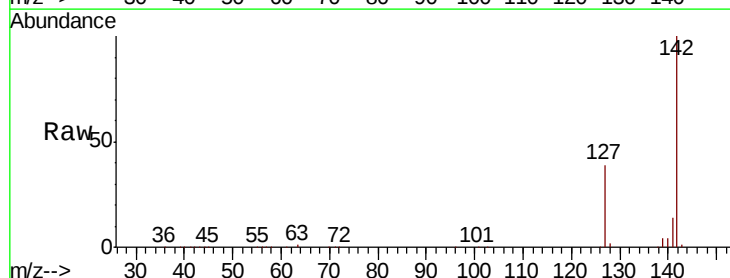
Tgt Ion:142 Resp: 1343153

Ion Ratio Lower Upper

142 100

127 38.7 30.9 46.3

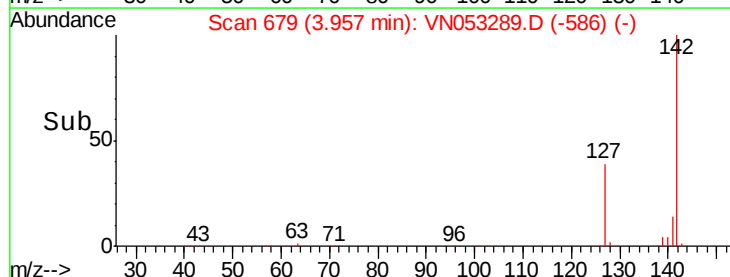
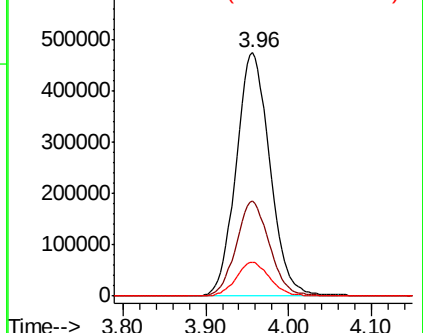
141 13.9 11.2 16.8

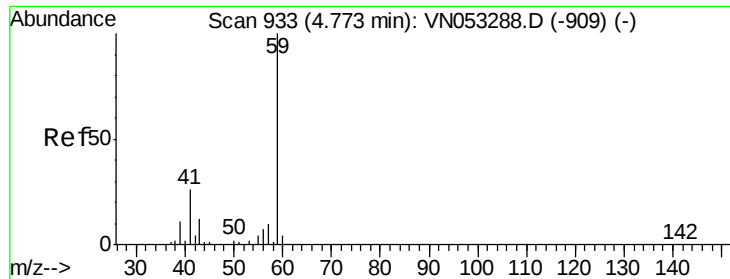


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

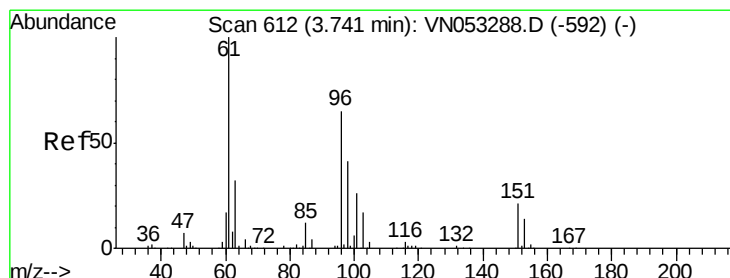
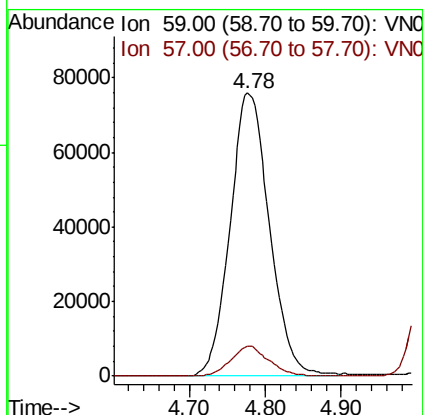
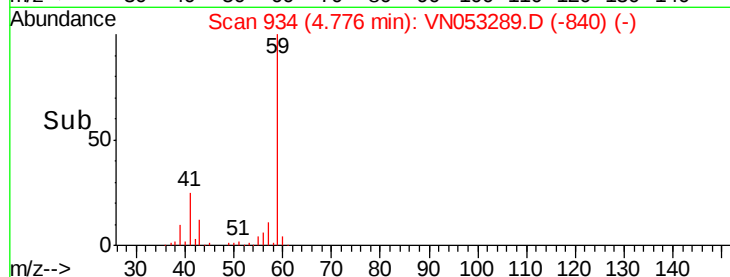
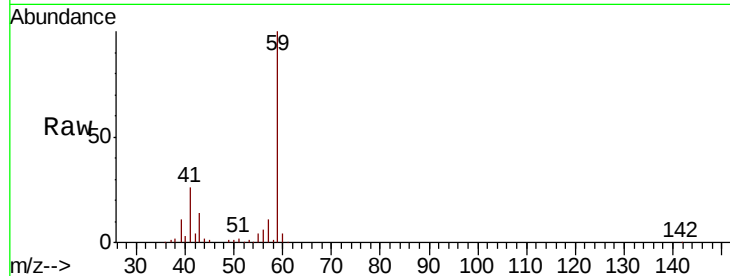




#11
Tert butyl alcohol
Concen: 470.743 ug/l
RT: 4.78 min Scan# 934
Delta R.T. 0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

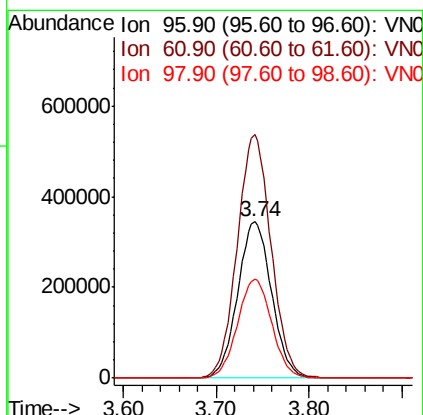
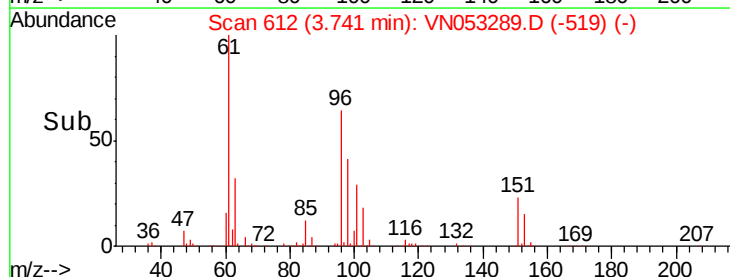
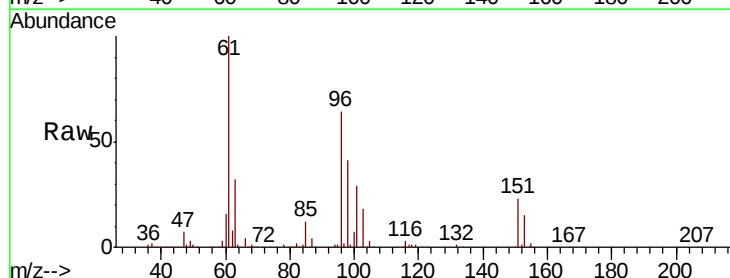
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

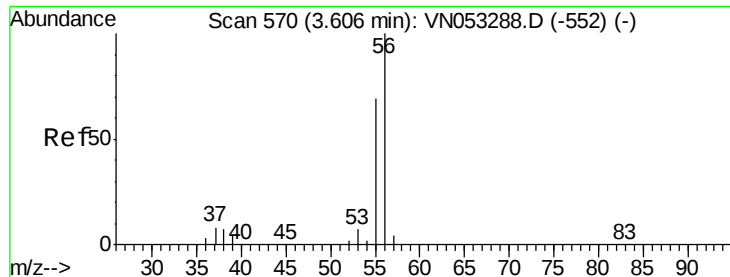
Tgt Ion: 59 Resp: 272544
Ion Ratio Lower Upper
59 100
57 10.2 8.0 12.0



#12
1,1-Dichloroethene
Concen: 99.580 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

Tgt Ion: 96 Resp: 874529
Ion Ratio Lower Upper
96 100
61 155.8 123.2 184.8
98 63.1 50.5 75.7

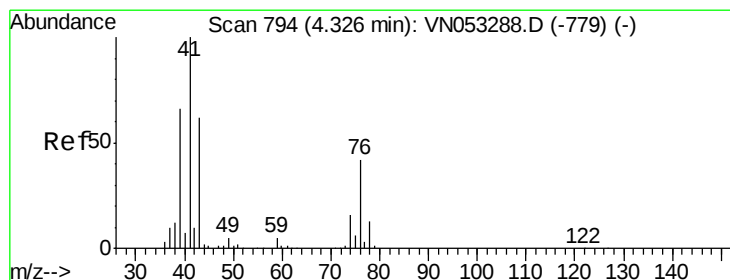
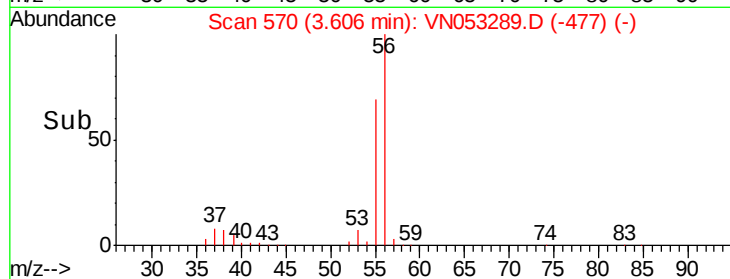
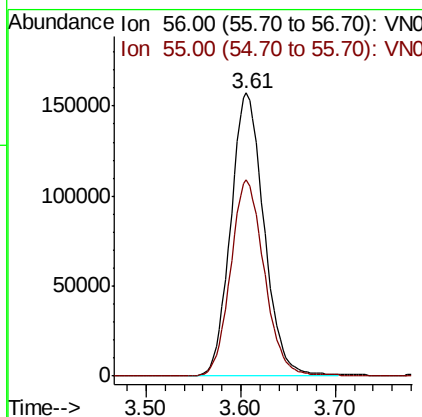
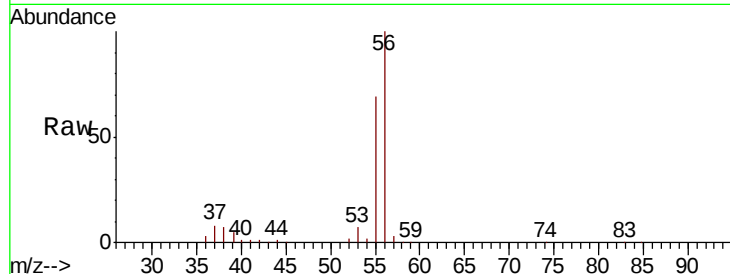




#13
Acrolein
Concen: 695.971 ug/l
RT: 3.61 min Scan# 570
Delta R.T. 0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

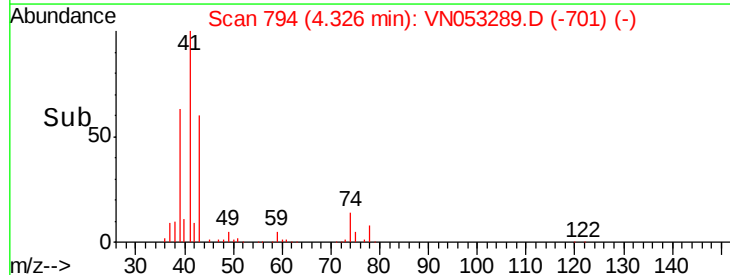
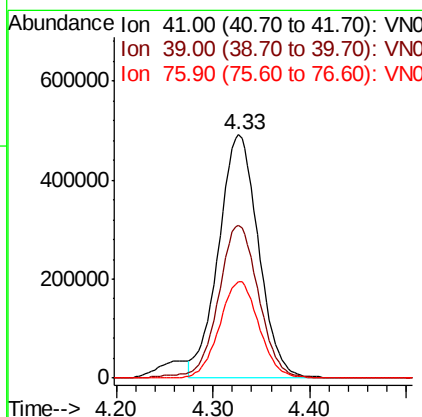
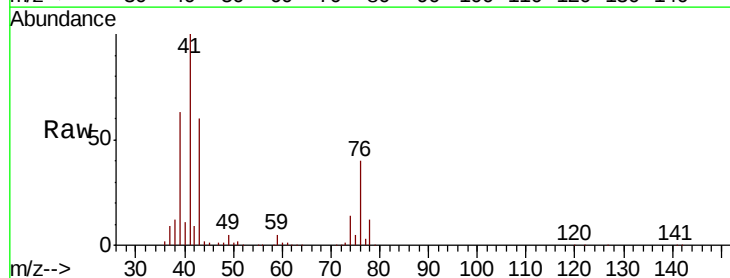
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

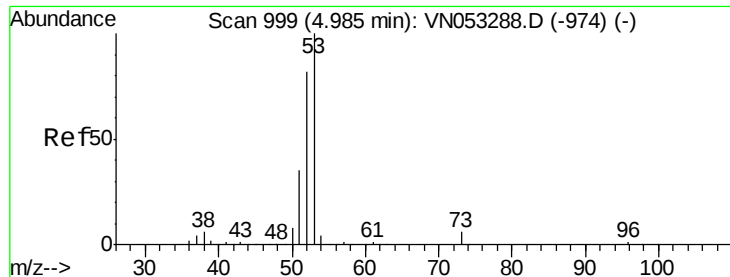
Tgt Ion: 56 Resp: 385071
Ion Ratio Lower Upper
56 100
55 69.8 56.3 84.5



#14
Allyl chloride
Concen: 103.012 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

Tgt Ion: 41 Resp: 1404232
Ion Ratio Lower Upper
41 100
39 64.1 51.9 77.9
76 39.1 31.2 46.8





#15

Acrylonitrile

Concen: 546.864 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

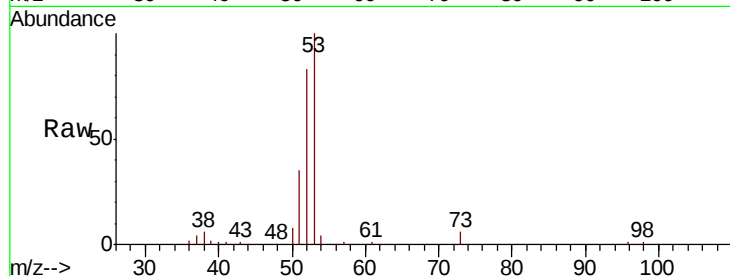
Tgt Ion: 53 Resp: 1770513

Ion Ratio Lower Upper

53 100

52 81.9 65.2 97.8

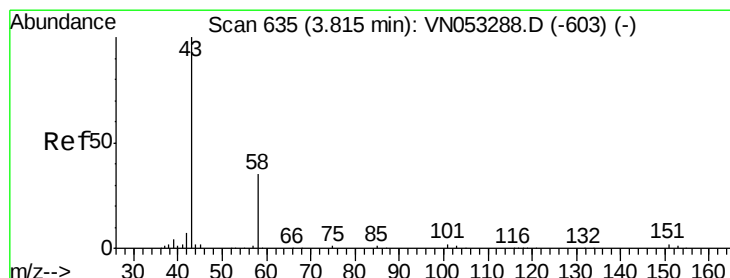
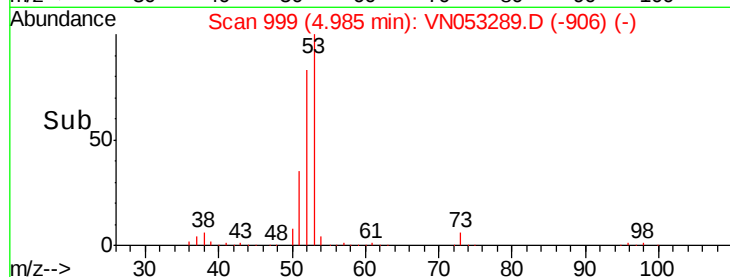
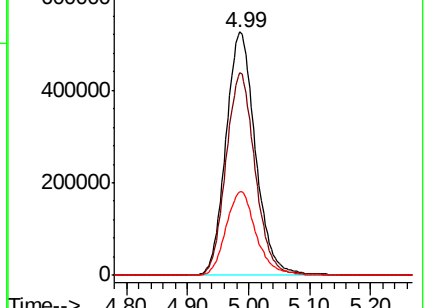
51 35.3 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 592.962 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053289.D

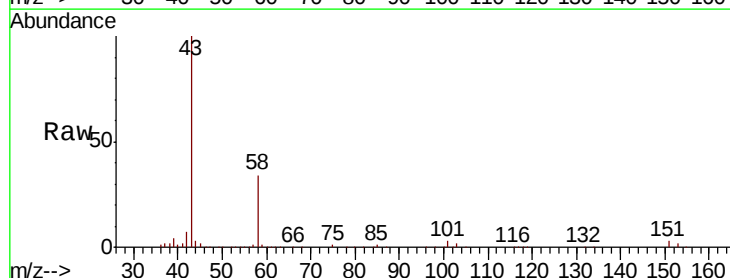
Acq: 4 Jan 2019 19:02

Tgt Ion: 43 Resp: 1146939

Ion Ratio Lower Upper

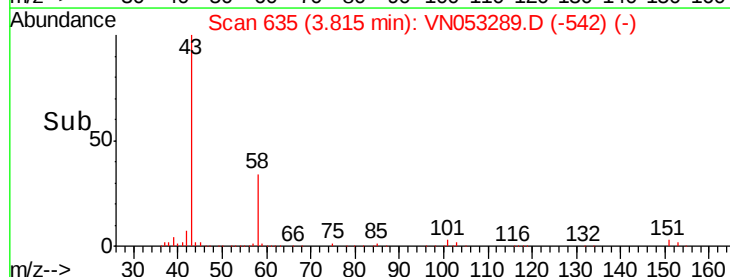
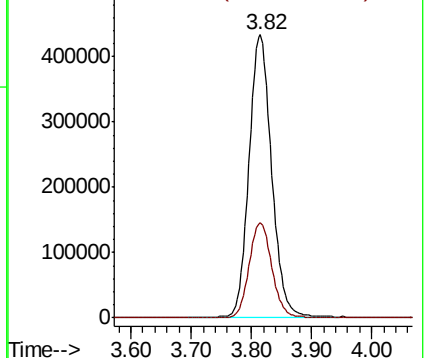
43 100

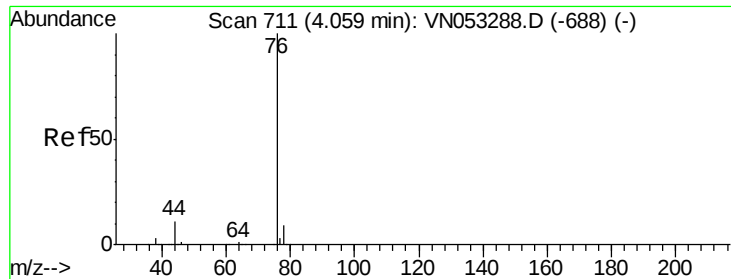
58 33.5 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

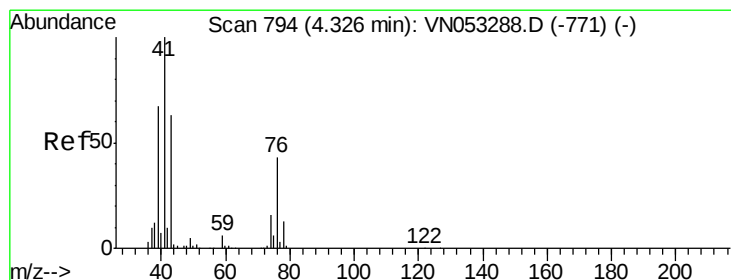
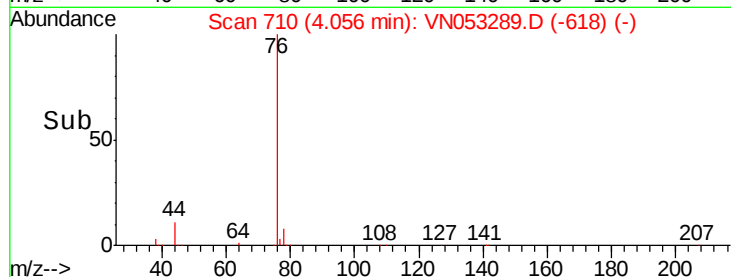
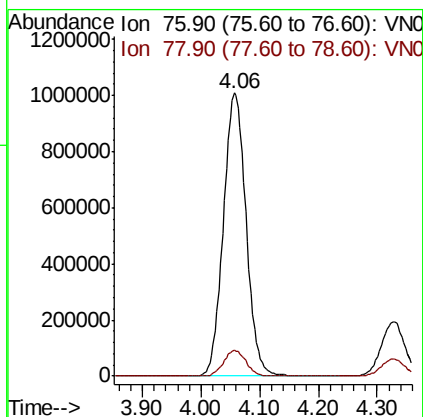
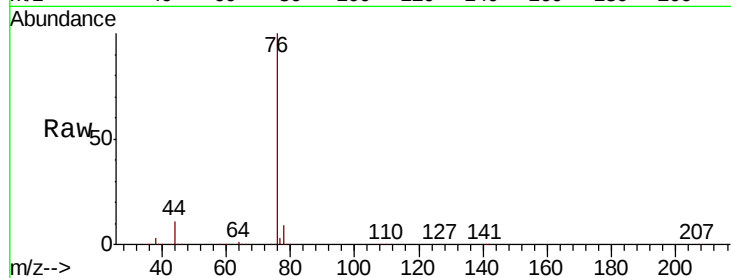




#17
Carbon Disulfide
Concen: 94.623 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

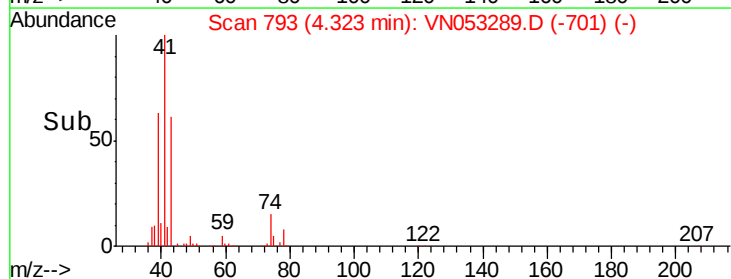
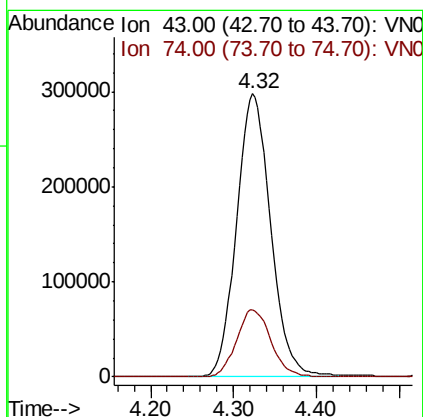
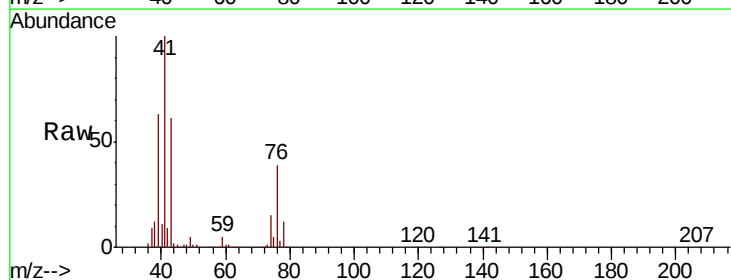
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

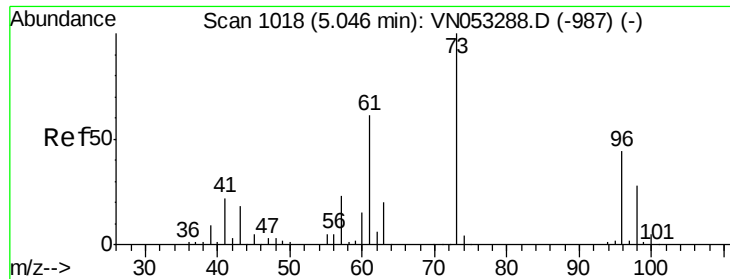
Tgt Ion: 76 Resp: 2703307
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 98.398 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

Tgt Ion: 43 Resp: 847047
Ion Ratio Lower Upper
43 100
74 24.2 19.8 29.8

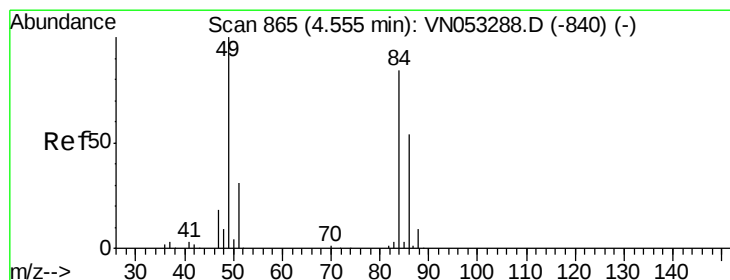
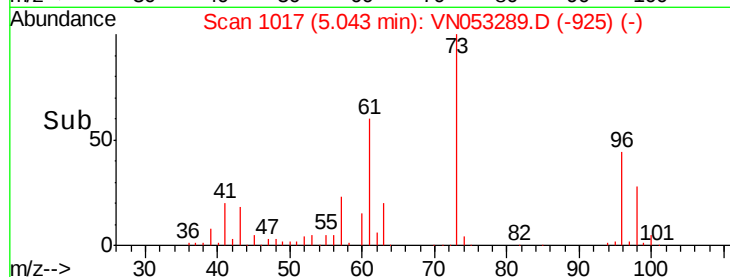
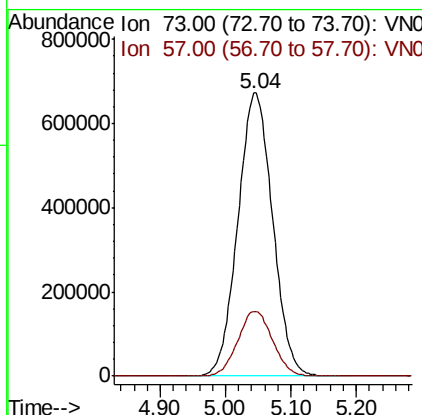
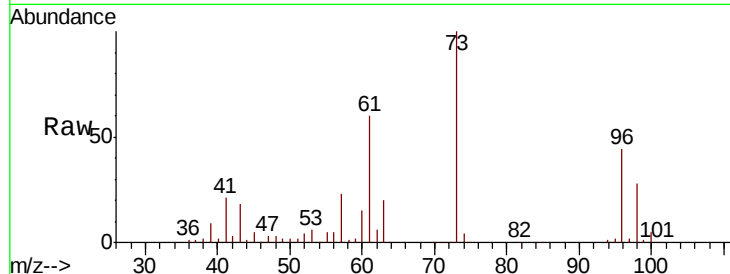




#19
Methyl tert-butyl Ether
Concen: 104.913 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

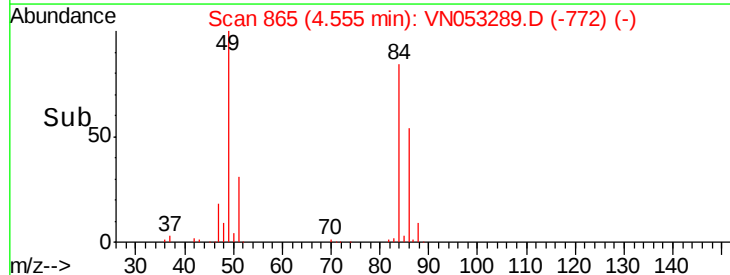
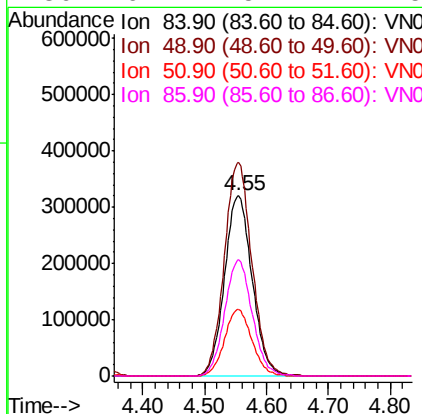
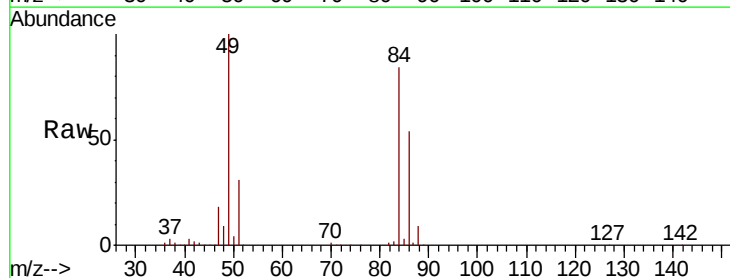
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

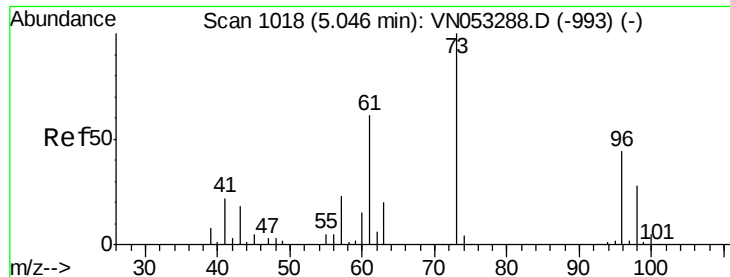
Tgt Ion: 73 Resp: 2483726
Ion Ratio Lower Upper
73 100
57 23.0 18.5 27.7



#20
Methylene Chloride
Concen: 99.035 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

Tgt Ion: 84 Resp: 995964
Ion Ratio Lower Upper
84 100
49 118.5 95.3 142.9
51 36.9 29.0 43.6
86 64.4 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 99.804 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

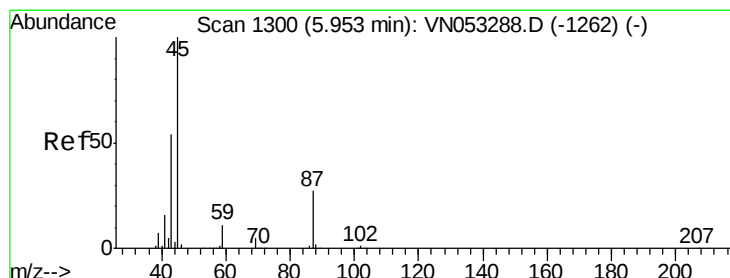
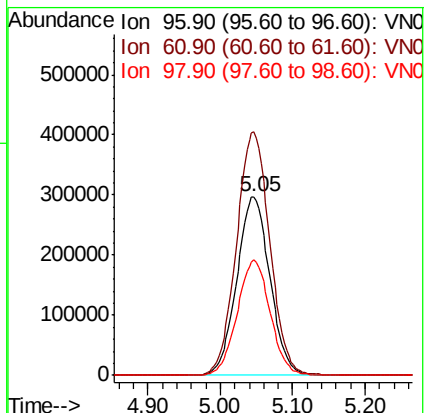
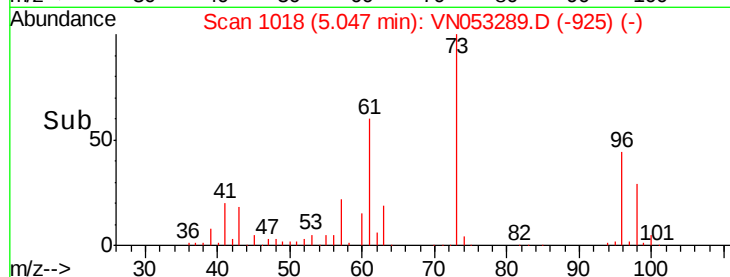
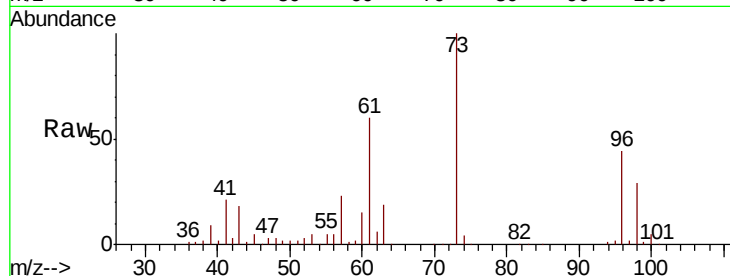
Tgt Ion: 96 Resp: 944269

Ion Ratio Lower Upper

96 100

61 136.4 110.2 165.4

98 64.5 50.7 76.1



#22

Diisopropyl ether

Concen: 103.120 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

Tgt Ion: 45 Resp: 3017389

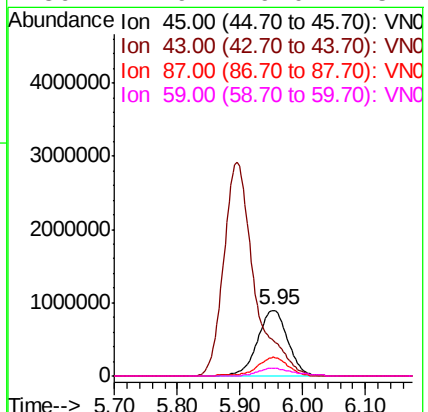
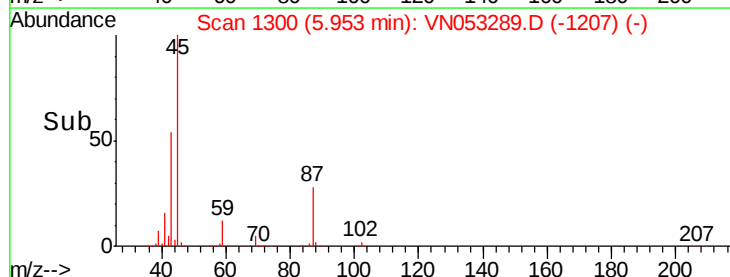
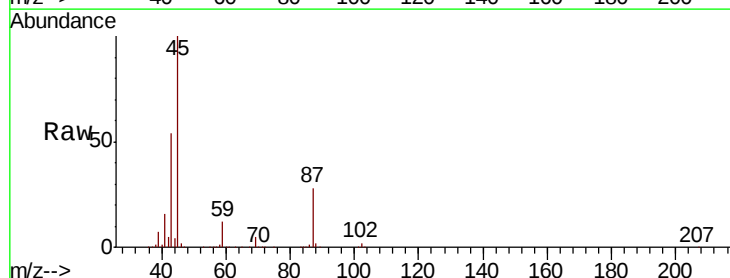
Ion Ratio Lower Upper

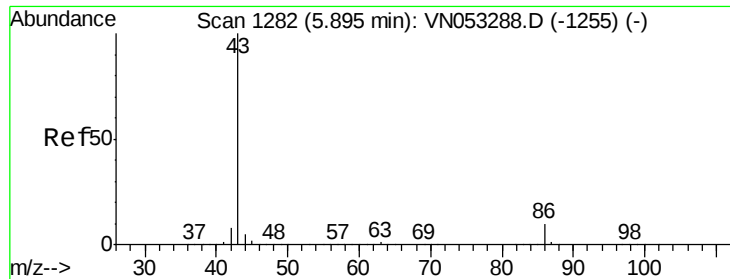
45 100

43 53.8 43.0 64.6

87 28.4 22.1 33.1

59 11.9 9.0 13.4





#23

Vinyl Acetate

Concen: 574.293 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

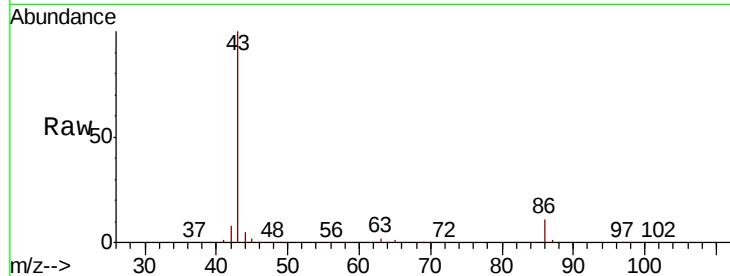
VSTDICC100

Tgt Ion: 43 Resp: 9911541

Ion Ratio Lower Upper

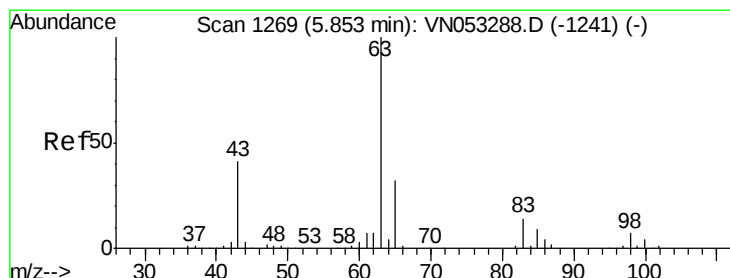
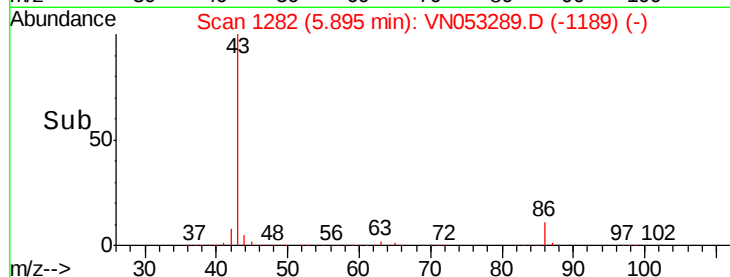
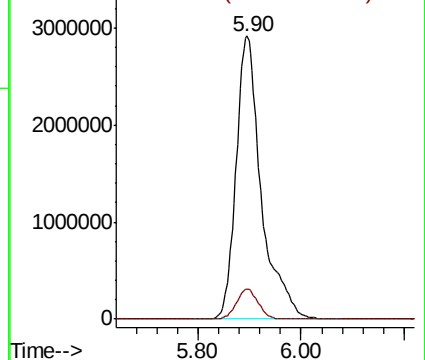
43 100

86 10.6 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 101.214 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

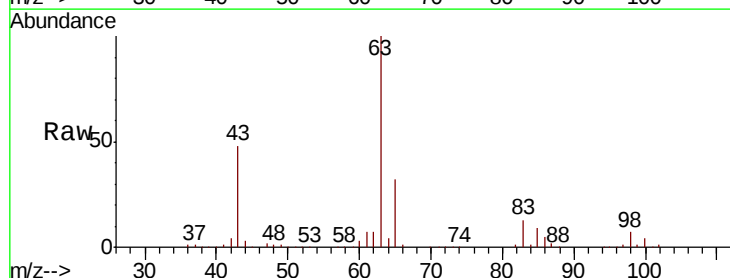
Tgt Ion: 63 Resp: 1752848

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

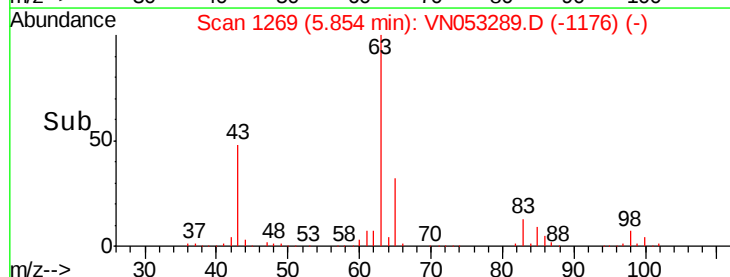
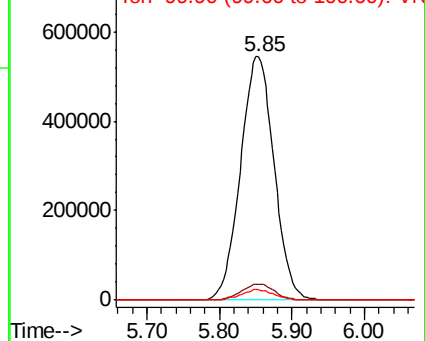
100 4.2 2.1 6.5

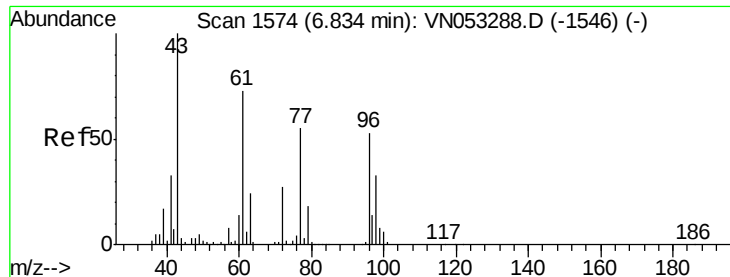


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

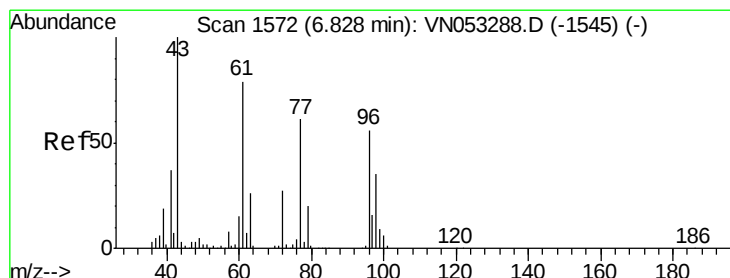
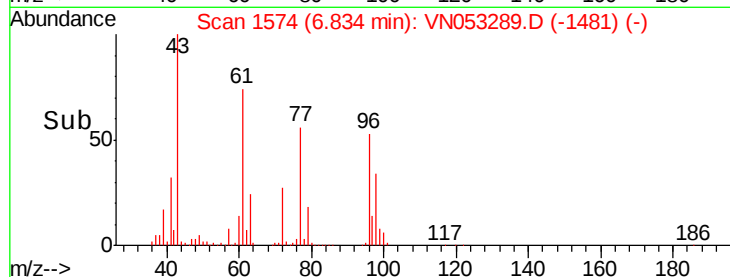
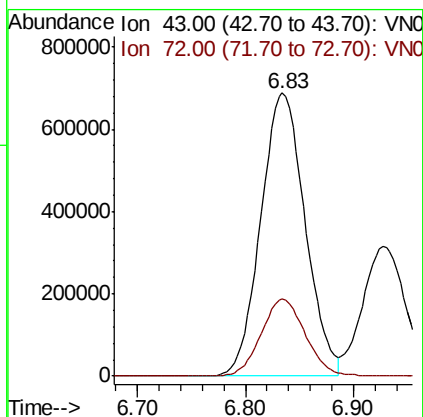
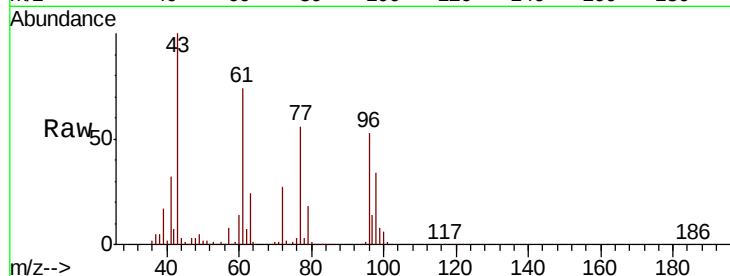




#25
2-Butanone
Concen: 608.825 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

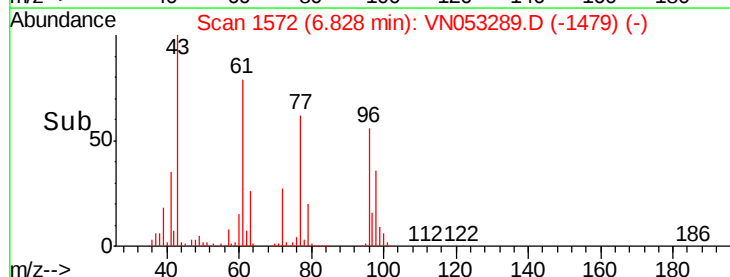
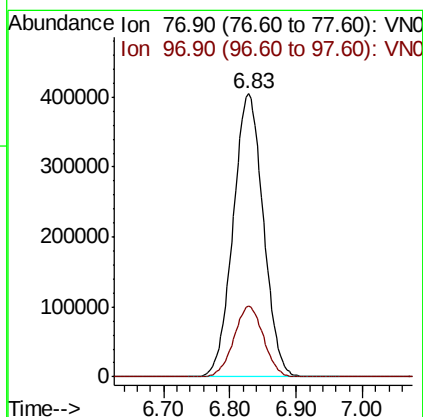
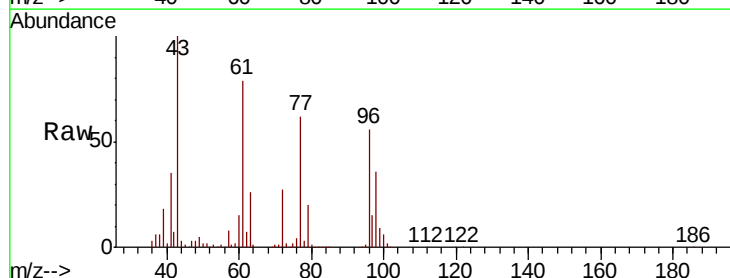
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

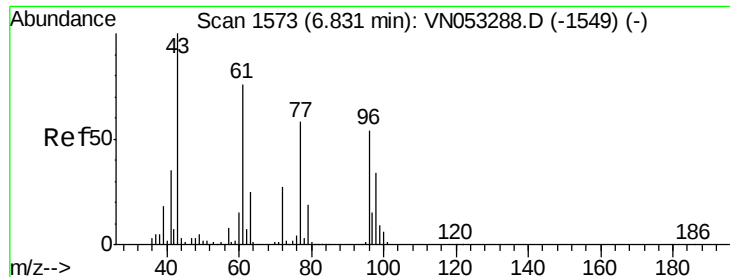
Tgt Ion: 43 Resp: 1957223
Ion Ratio Lower Upper
43 100
72 27.3 22.0 33.0



#26
2,2-Dichloropropane
Concen: 97.590 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

Tgt Ion: 77 Resp: 1281165
Ion Ratio Lower Upper
77 100
97 24.6 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 100.866 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

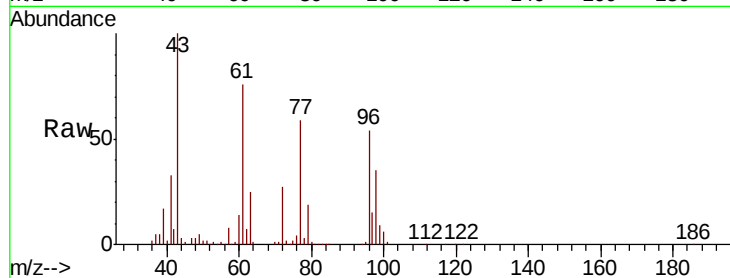
Tgt Ion: 96 Resp: 1081068

Ion Ratio Lower Upper

96 100

61 141.3 0.0 280.6

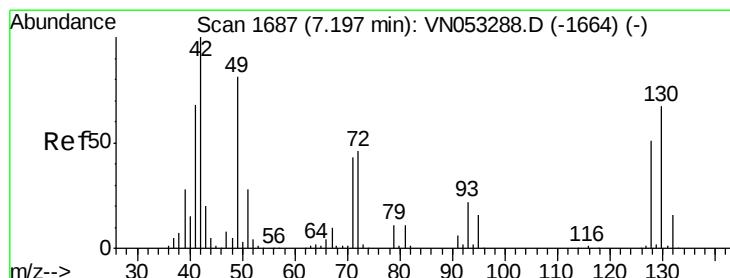
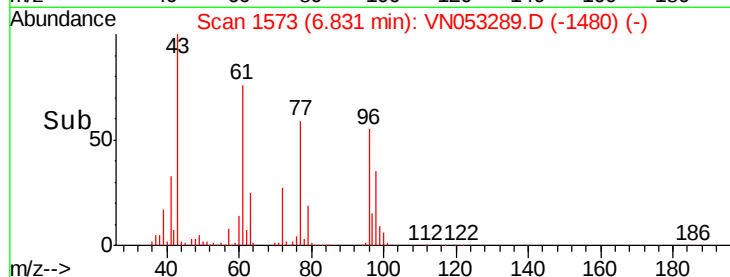
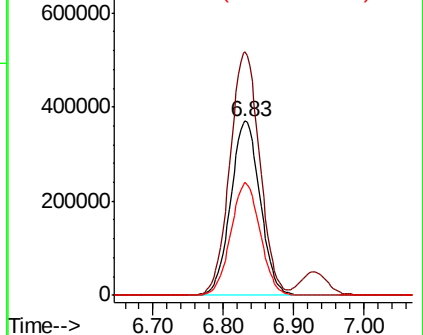
98 64.6 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VN053289.D (-1480) (-)

Ion 60.90 (60.60 to 61.60): VN053289.D (-1480) (-)

Ion 97.90 (97.60 to 98.60): VN053289.D (-1480) (-)



#28

Bromochloromethane

Concen: 100.337 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

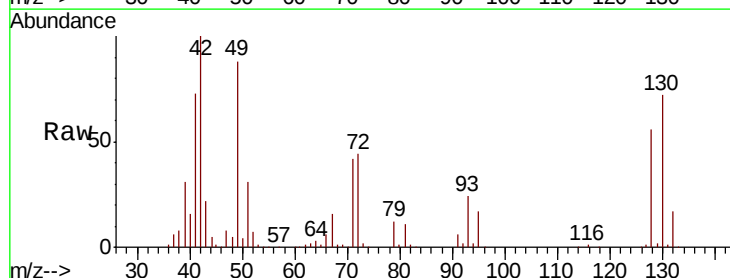
Tgt Ion: 49 Resp: 753753

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

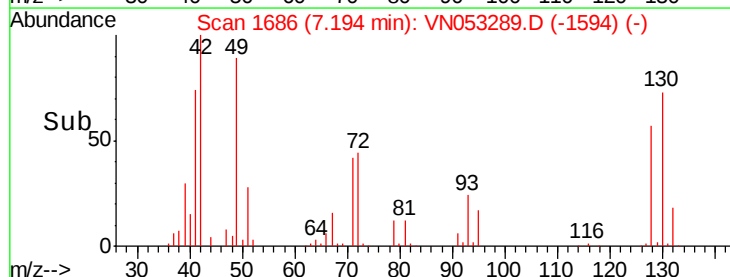
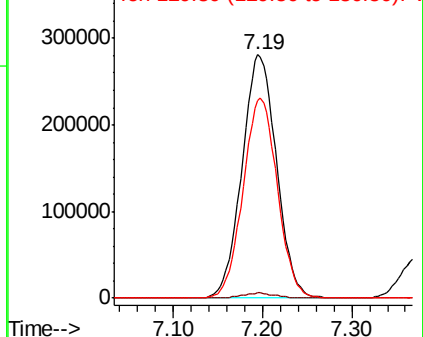
130 82.0 65.4 98.0

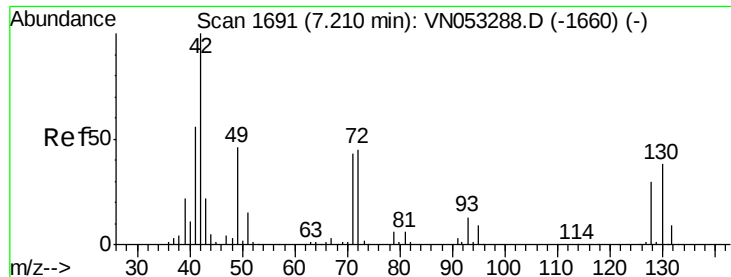


Abundance Ion 48.90 (48.60 to 49.60): VN053289.D (-1594) (-)

Ion 128.80 (128.50 to 129.50): VN053289.D (-1594) (-)

Ion 129.80 (129.50 to 130.50): VN053289.D (-1594) (-)

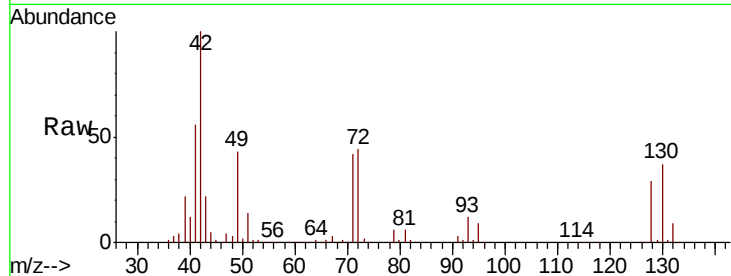




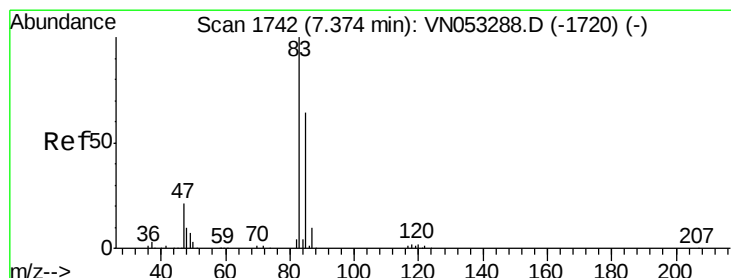
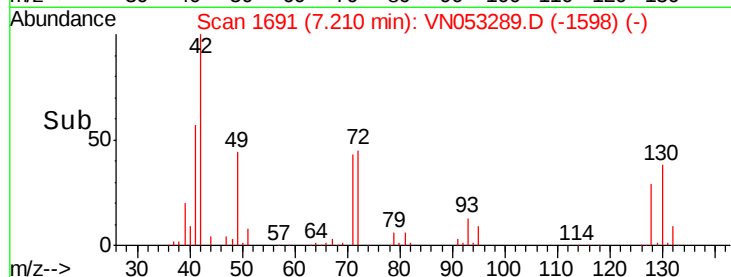
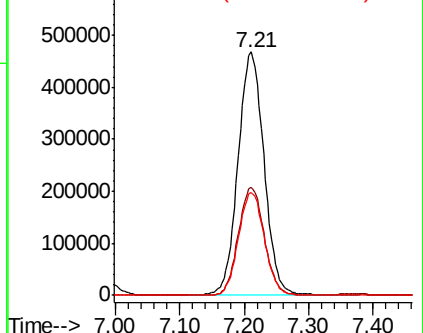
#29
Tetrahydrofuran
Concen: 556.501 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 42 Resp: 1309273
Ion Ratio Lower Upper
42 100
72 44.3 35.6 53.4
71 42.0 33.8 50.8

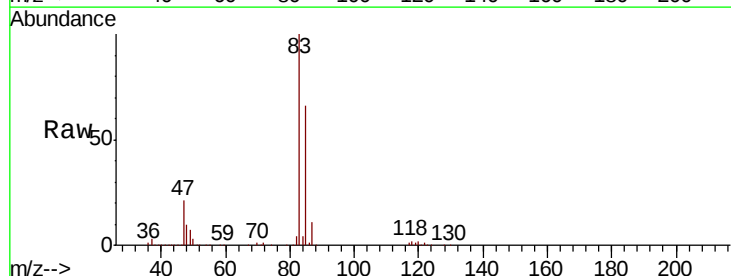


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

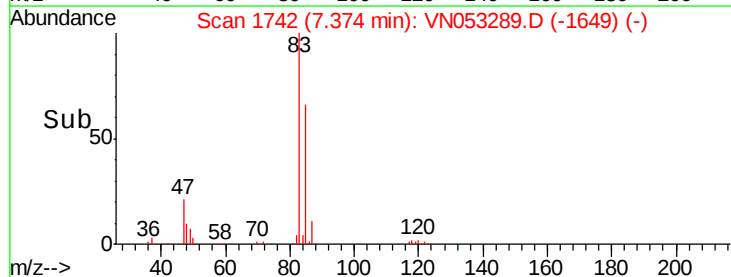
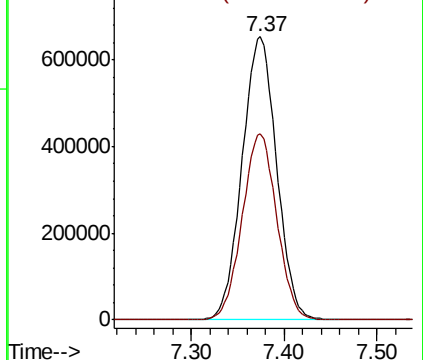


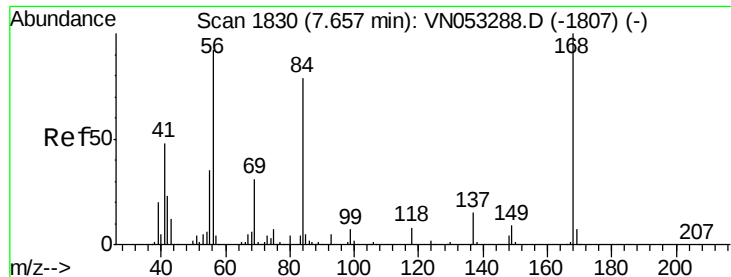
#30
Chloroform
Concen: 99.414 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

Tgt Ion: 83 Resp: 1689887
Ion Ratio Lower Upper
83 100
85 65.8 51.3 76.9



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

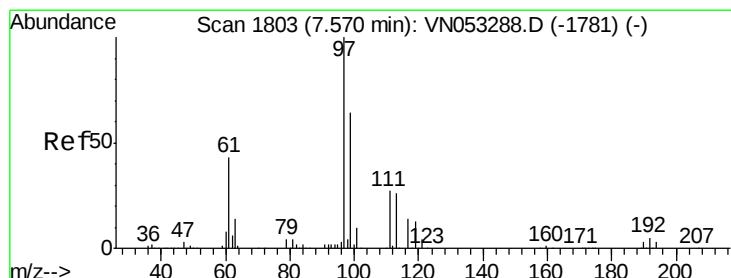
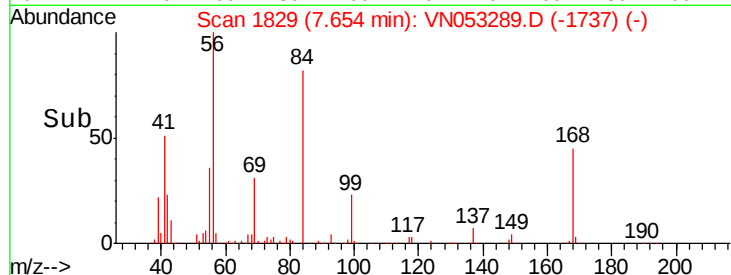
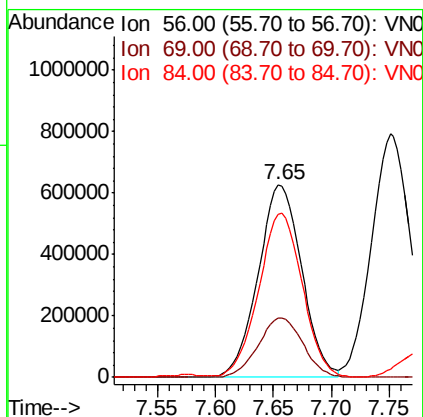
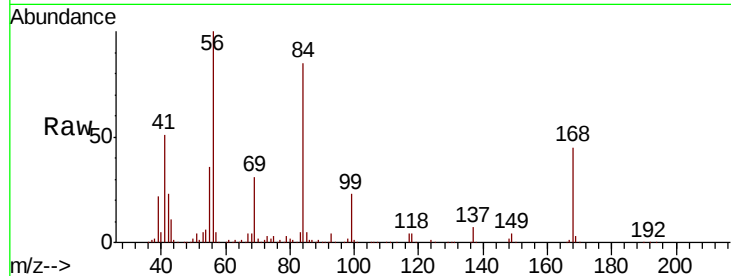




#31
Cyclohexane
Concen: 85.358 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

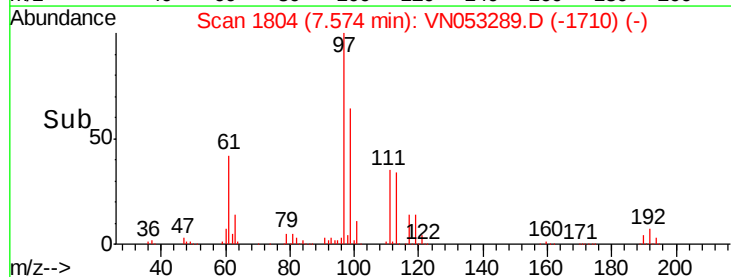
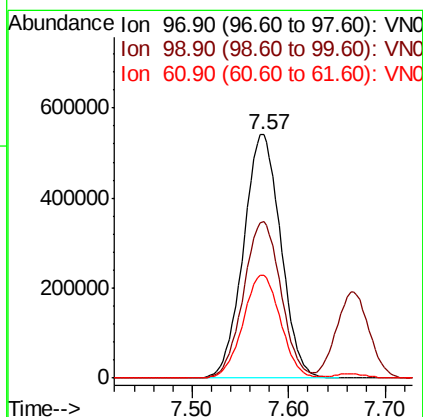
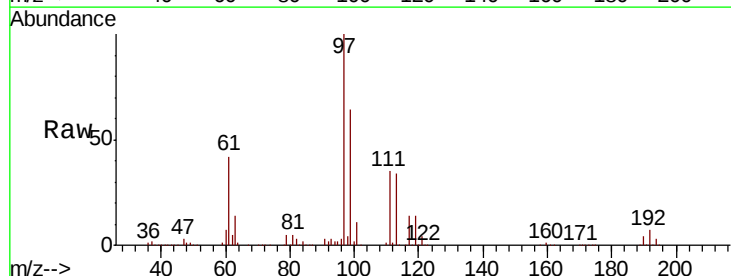
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

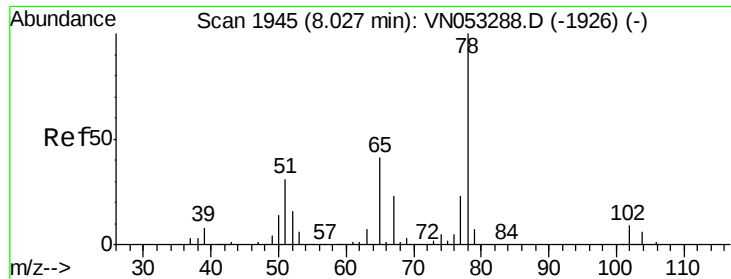
Tgt Ion: 56 Resp: 1637151
Ion Ratio Lower Upper
56 100
69 30.8 26.7 40.1
84 83.3 68.2 102.4



#32
1,1,1-Trichloroethane
Concen: 100.335 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

Tgt Ion: 97 Resp: 1449399
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 42.5 34.6 52.0

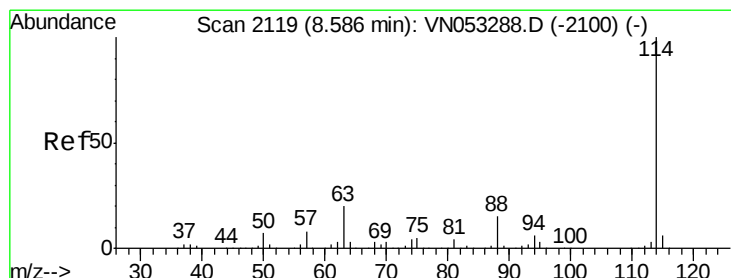
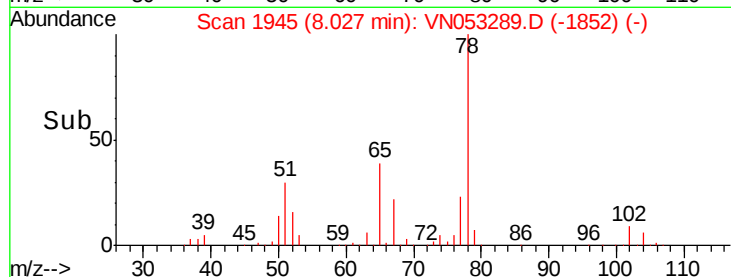
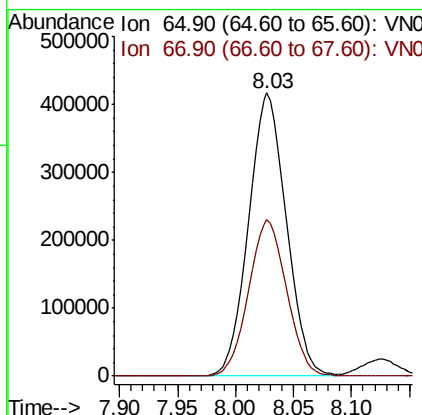
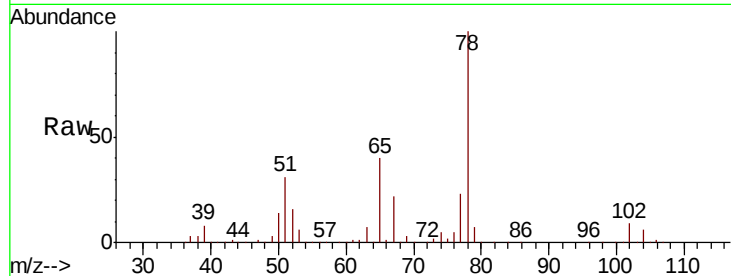




#33
 1,2-Dichloroethane-d4
 Concen: 100.335 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053289.D
 Acq: 4 Jan 2019 19:02

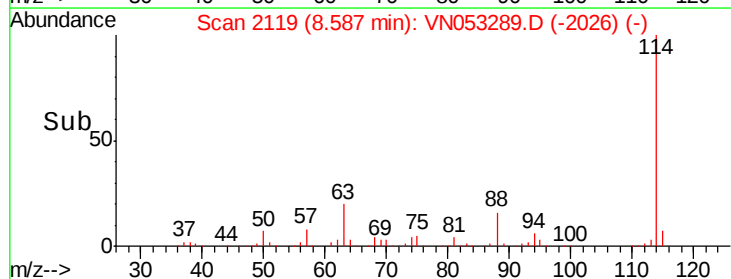
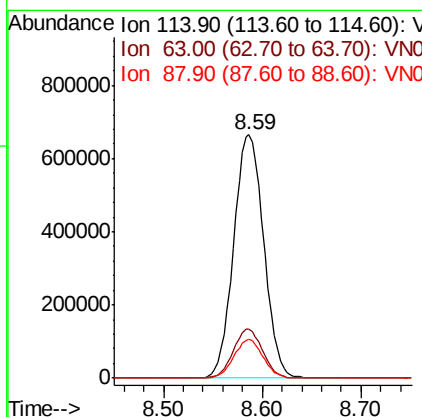
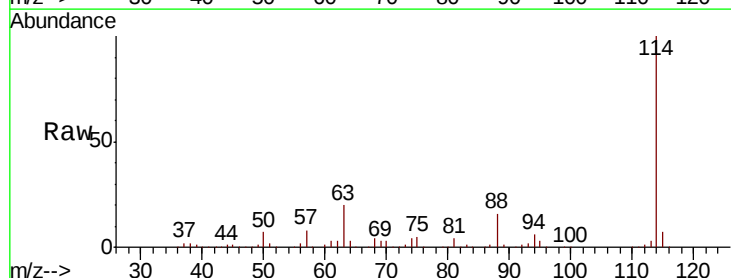
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

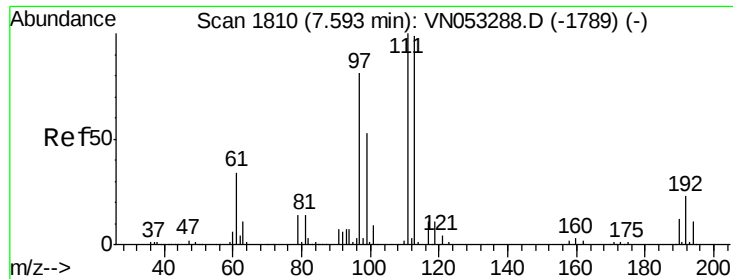
Tgt Ion: 65 Resp: 945879
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053289.D
 Acq: 4 Jan 2019 19:02

Tgt Ion: 114 Resp: 1407517
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.0
 88 15.7 0.0 30.8

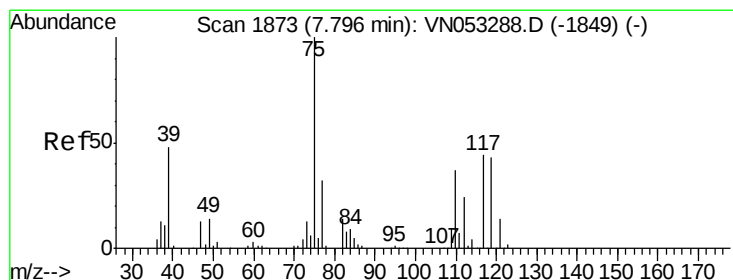
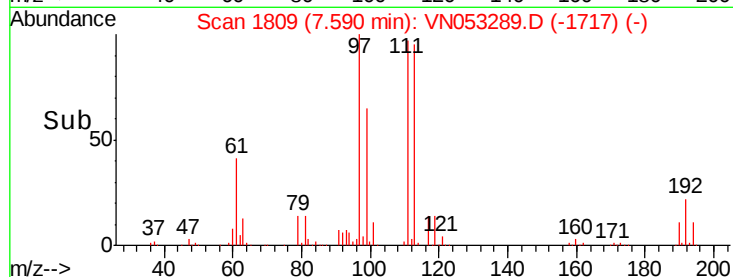
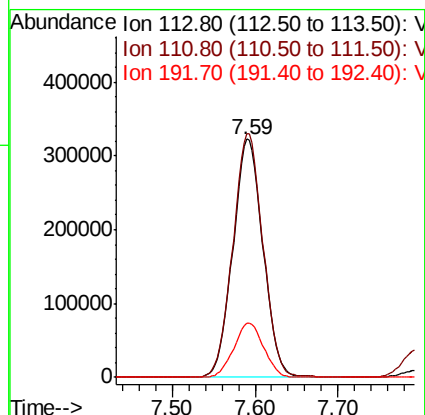
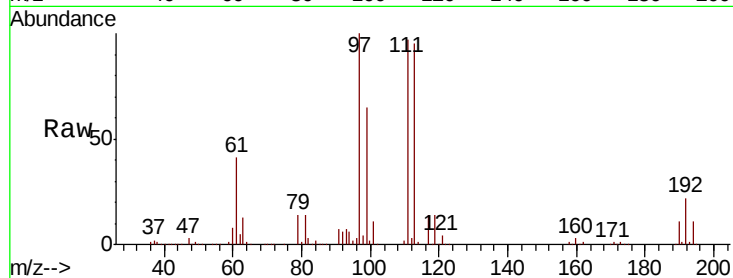




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053289.D
 Acq: 4 Jan 2019 19:02

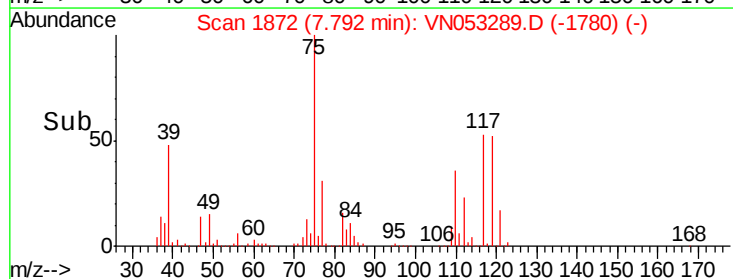
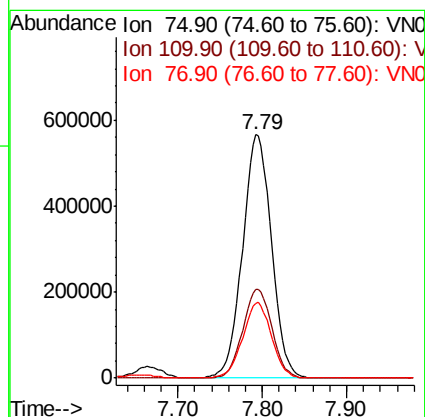
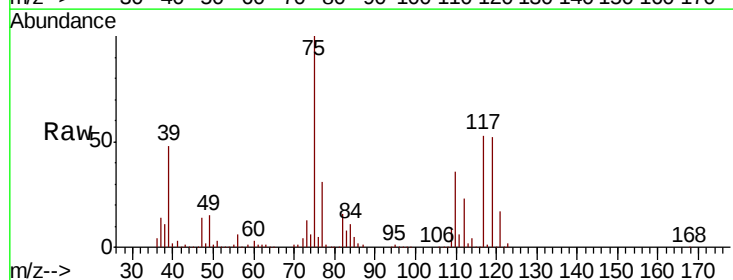
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

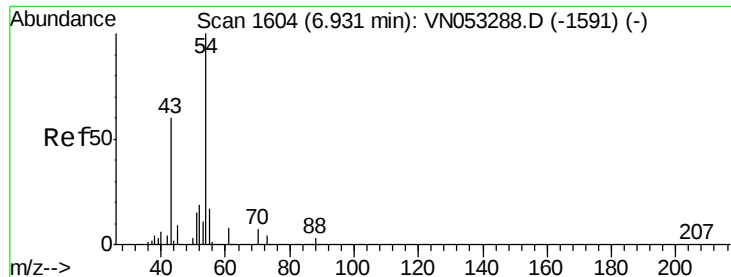
Tgt Ion: 113 Resp: 813016
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.4 122.2
 192 22.8 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 100.179 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN053289.D
 Acq: 4 Jan 2019 19:02

Tgt Ion: 75 Resp: 1351665
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.4 55.0
 77 30.9 25.3 37.9

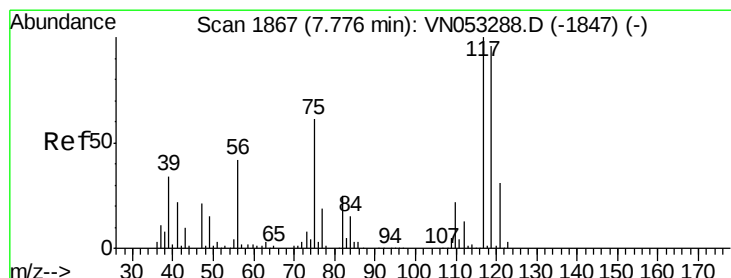
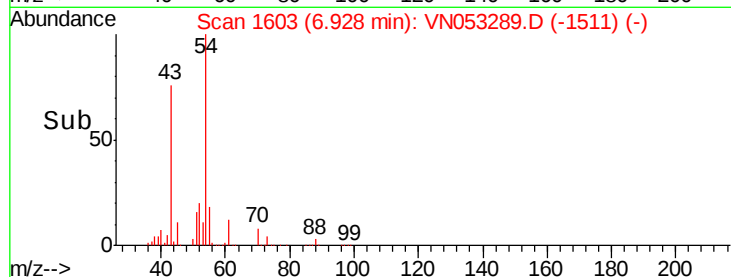
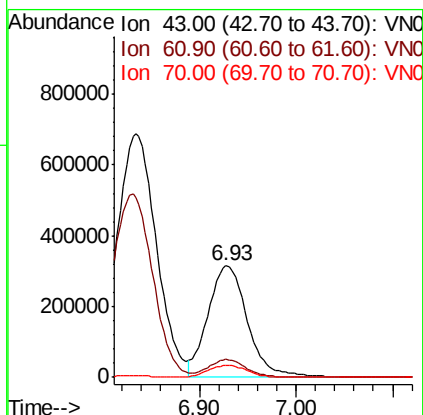
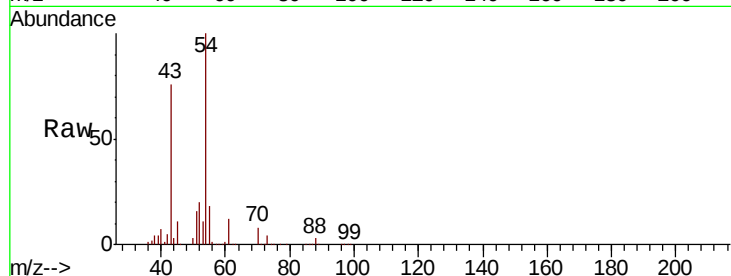




#37
 Ethyl Acetate
 Concen: 114.502 ug/l
 RT: 6.93 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: VN053289.D
 Acq: 4 Jan 2019 19:02

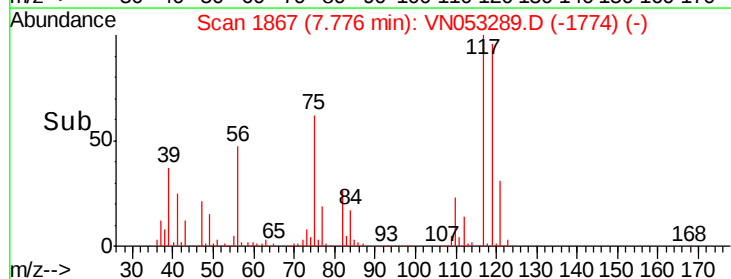
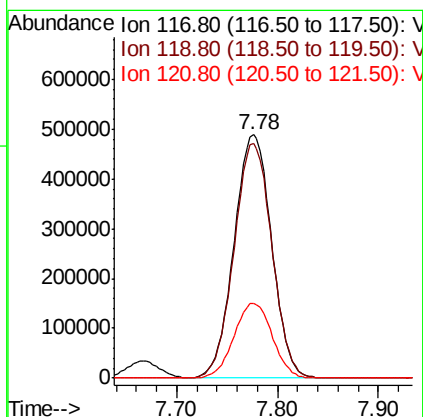
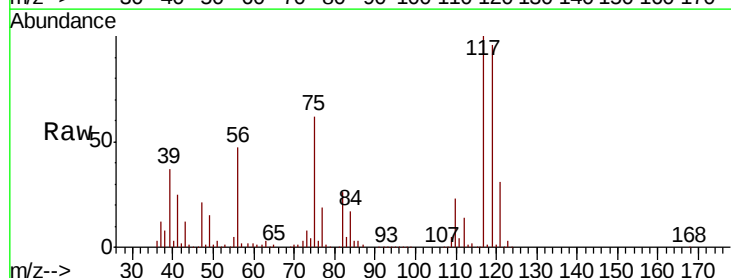
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

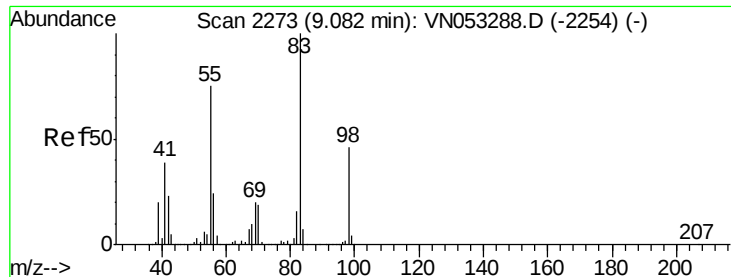
Tgt Ion: 43 Resp: 881310
 Ion Ratio Lower Upper
 43 100
 61 15.4 11.9 17.9
 70 10.9 8.6 13.0



#38
 Carbon Tetrachloride
 Concen: 102.064 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN053289.D
 Acq: 4 Jan 2019 19:02

Tgt Ion: 117 Resp: 1261359
 Ion Ratio Lower Upper
 117 100
 119 96.2 76.6 115.0
 121 30.9 25.0 37.4

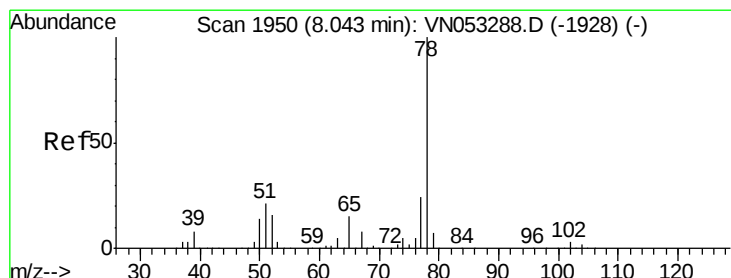
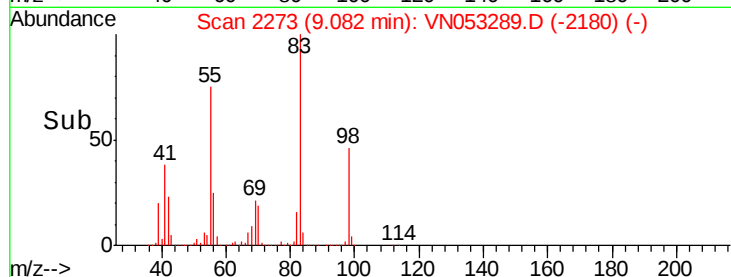
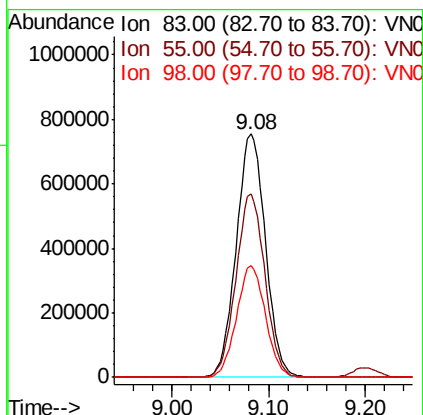
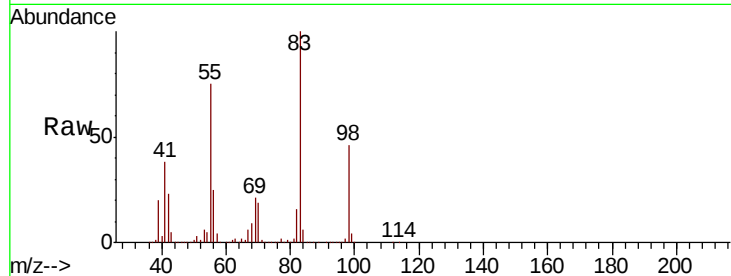




#39
Methylcyclohexane
Concen: 96.977 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

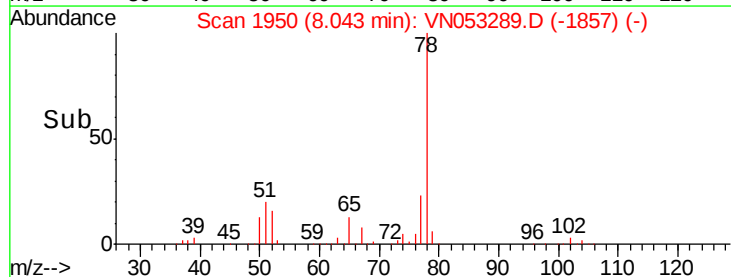
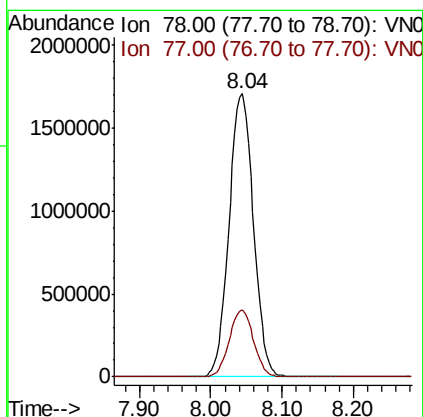
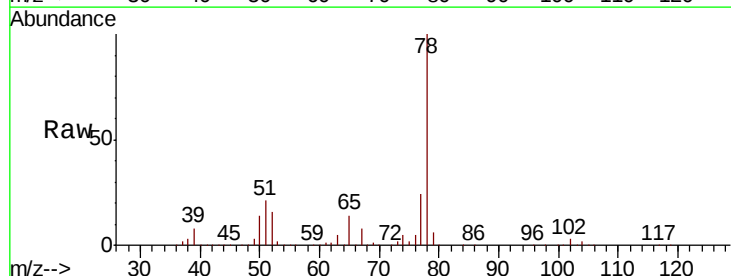
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

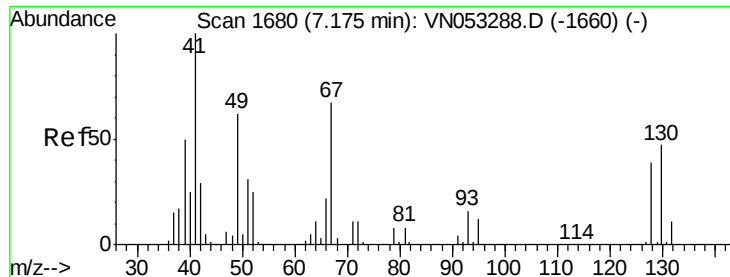
Tgt Ion: 83 Resp: 1581362
Ion Ratio Lower Upper
83 100
55 75.2 60.1 90.1
98 45.8 36.7 55.1



#40
Benzene
Concen: 101.146 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

Tgt Ion: 78 Resp: 4072493
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4





#41

Methacrylonitrile

Concen: 116.940 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 512095

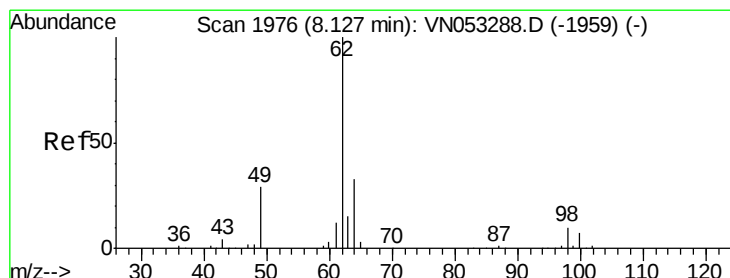
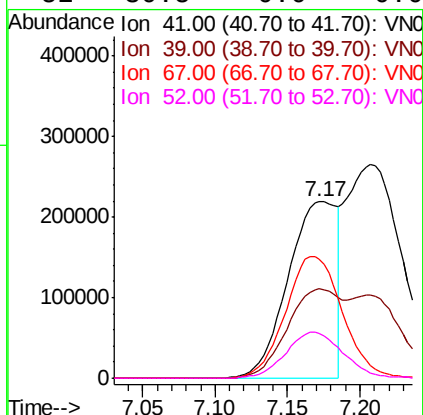
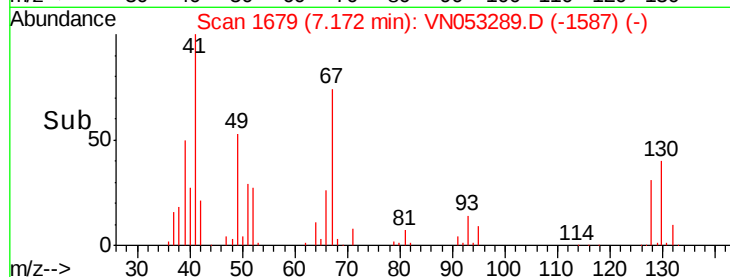
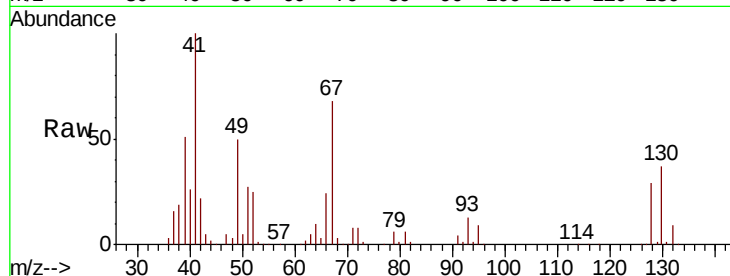
Ion Ratio Lower Upper

41 100

39 57.8 0.0 0.0#

67 81.0 0.0 0.0#

52 30.5 0.0 0.0#



#42

1,2-Dichloroethane

Concen: 101.084 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN053289.D

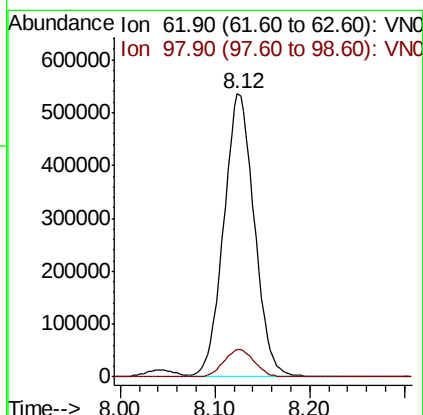
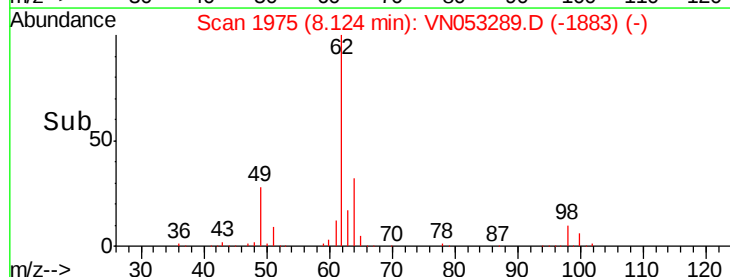
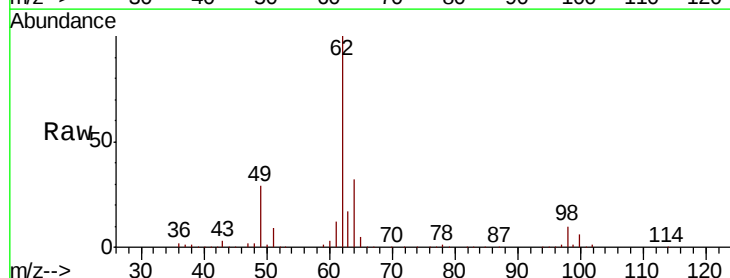
Acq: 4 Jan 2019 19:02

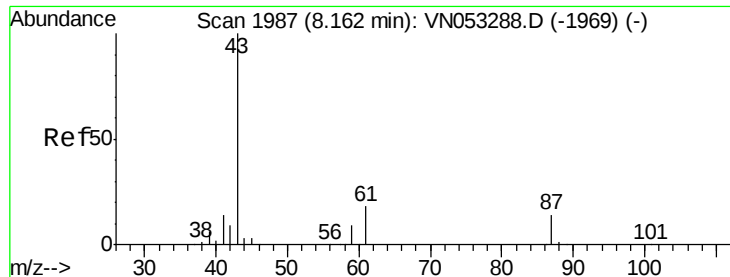
Tgt Ion: 62 Resp: 1200136

Ion Ratio Lower Upper

62 100

98 9.9 0.0 20.2





#43

Isopropyl Acetate

Concen: 94.539 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

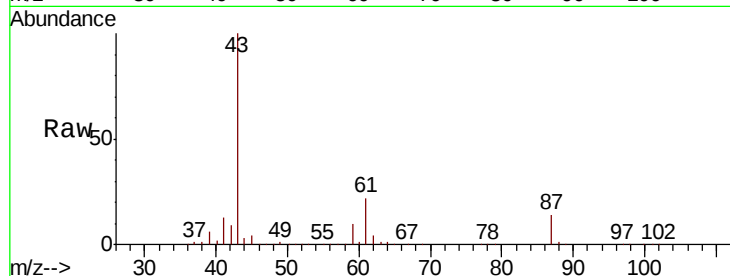
Tgt Ion: 43 Resp: 1599982

Ion Ratio Lower Upper

43 100

61 29.5 23.3 34.9

87 13.8 10.8 16.2



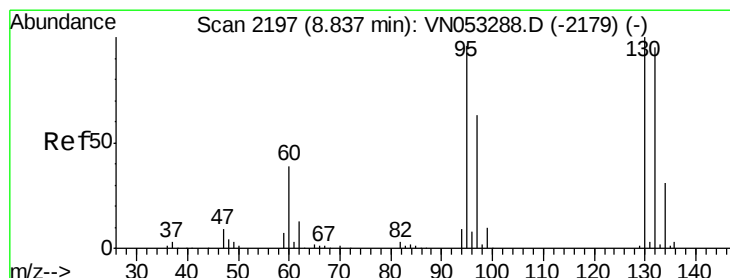
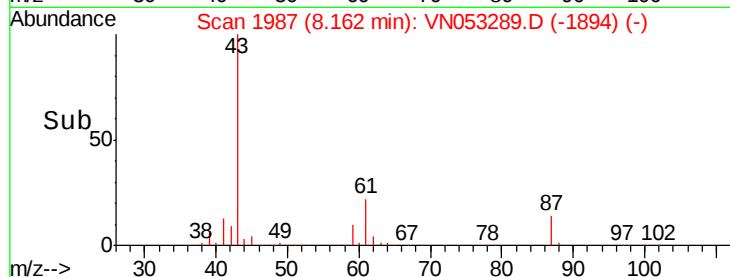
Abundance Ion 43.00 (42.70 to 43.70): VN053288.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN053288.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN053288.D (-1969) (-)

8.16

Time-->



#44

Trichloroethene

Concen: 96.727 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN053289.D

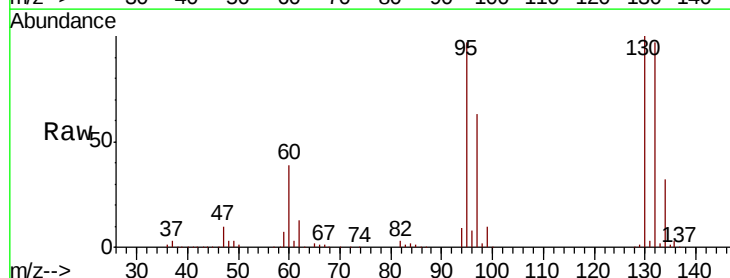
Acq: 4 Jan 2019 19:02

Tgt Ion: 130 Resp: 1115107

Ion Ratio Lower Upper

130 100

95 96.9 0.0 191.8

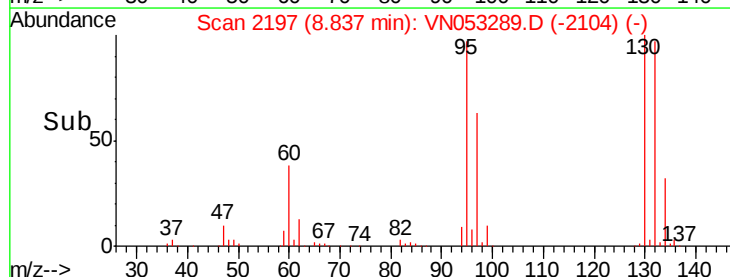


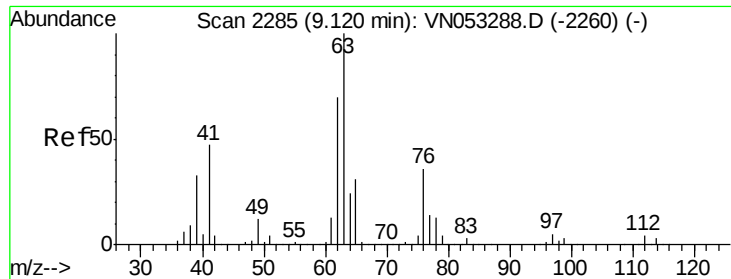
Abundance Ion 129.80 (129.50 to 130.50): VN053288.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN053288.D (-2179) (-)

8.84

Time-->

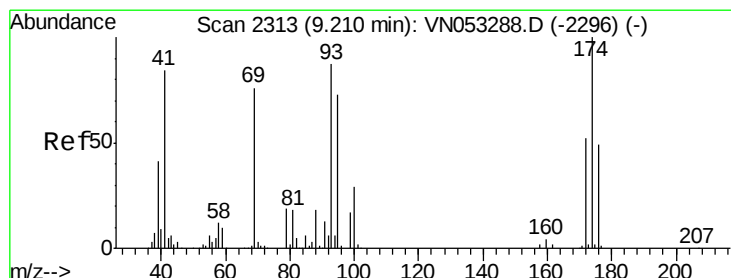
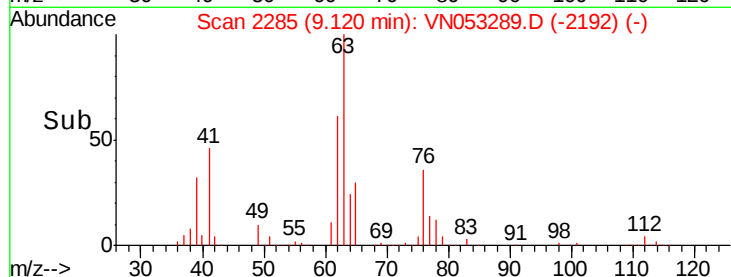
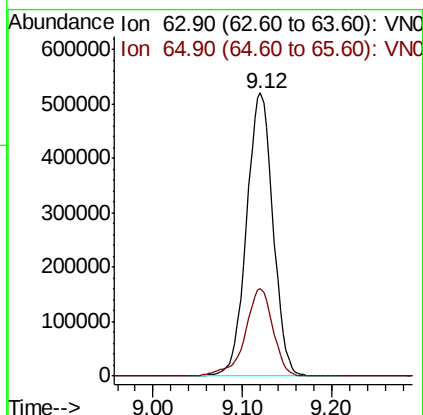
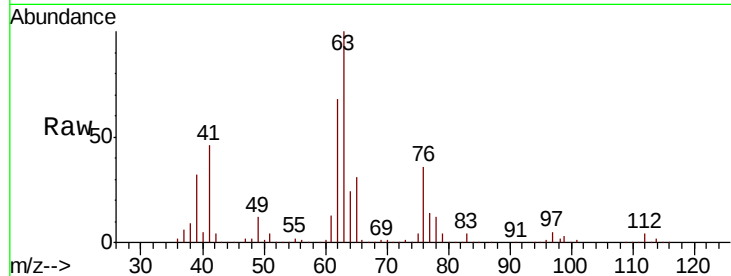




#45
 1,2-Dichloropropane
 Concen: 102.542 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN053289.D
 Acq: 4 Jan 2019 19:02

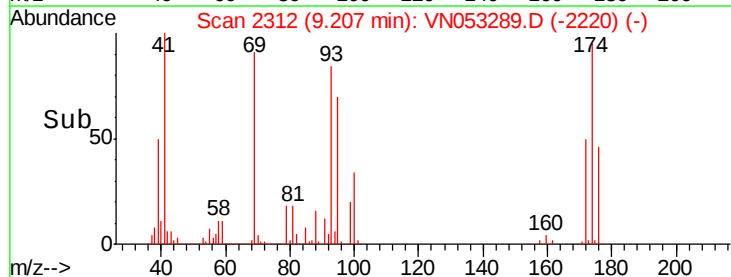
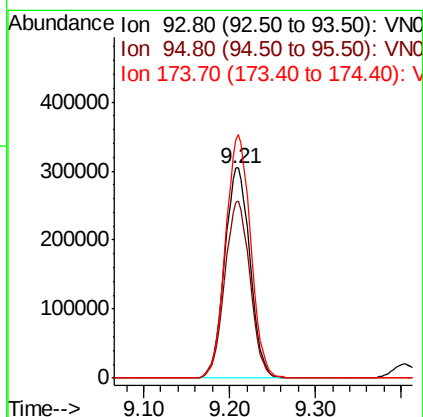
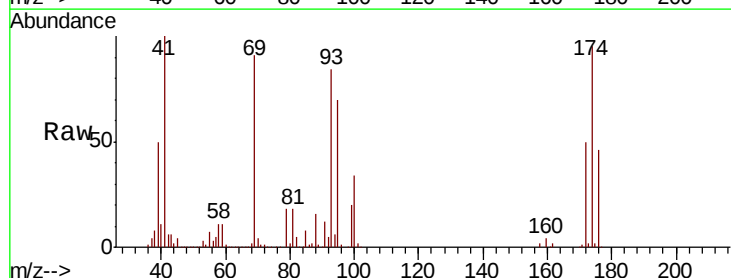
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

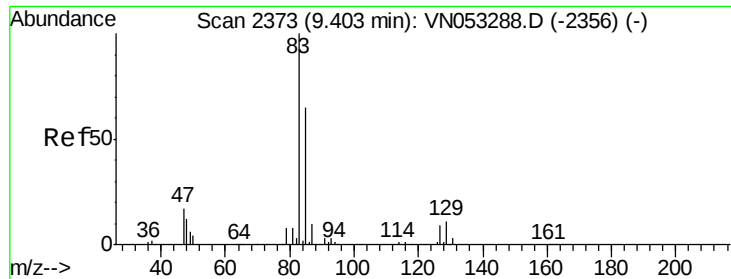
Tgt Ion: 63 Resp: 1075172
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.6



#46
 Dibromomethane
 Concen: 101.941 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN053289.D
 Acq: 4 Jan 2019 19:02

Tgt Ion: 93 Resp: 624282
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.6 100.0
 174 114.3 91.4 137.0

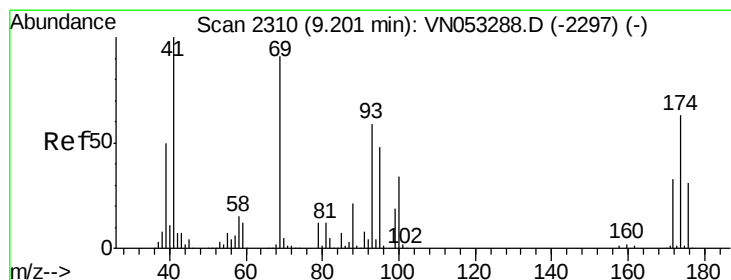
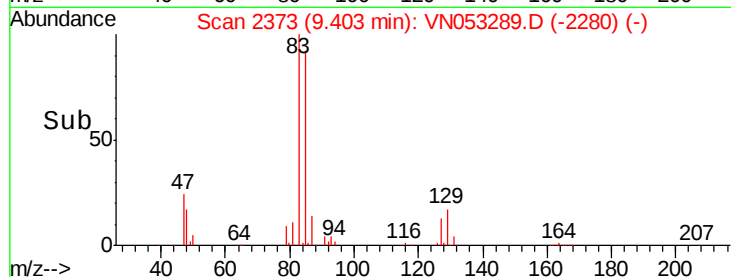
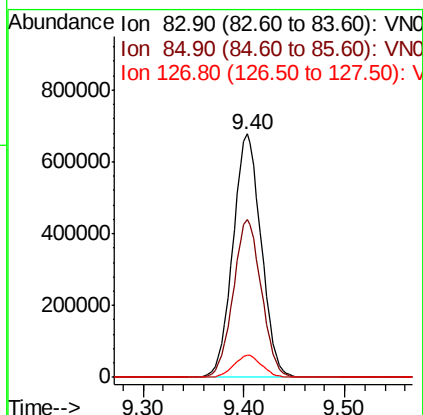
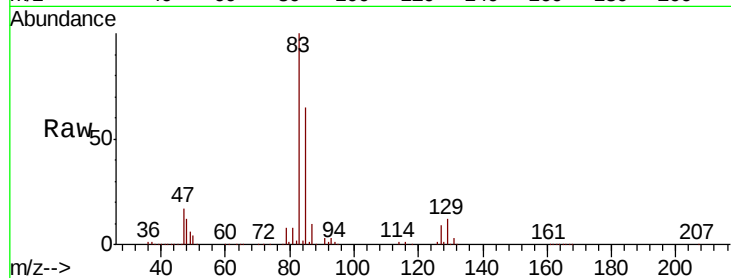




#47
 Bromodichloromethane
 Concen: 101.614 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN053289.D
 Acq: 4 Jan 2019 19:02

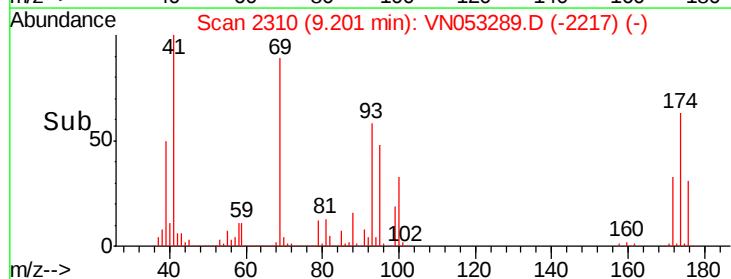
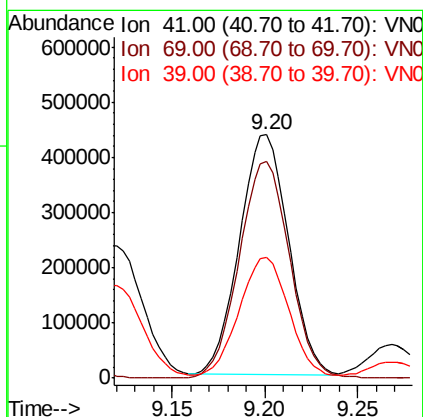
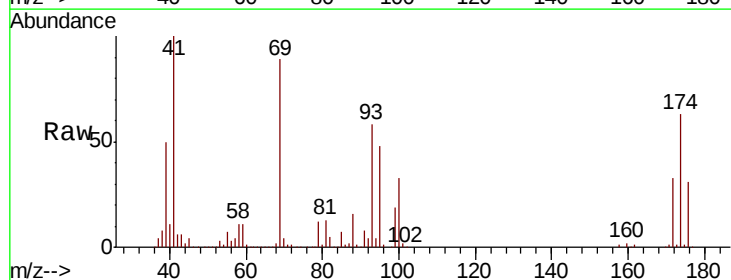
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

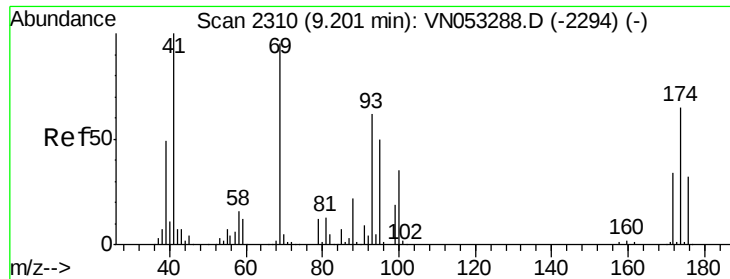
Tgt Ion: 83 Resp: 1316013
 Ion Ratio Lower Upper
 83 100
 85 65.0 51.7 77.5
 127 9.0 7.0 10.6



#48
 Methyl methacrylate
 Concen: 108.297 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN053289.D
 Acq: 4 Jan 2019 19:02

Tgt Ion: 41 Resp: 802016
 Ion Ratio Lower Upper
 41 100
 69 92.7 73.5 110.3
 39 51.6 41.6 62.4





#49

1,4-Dioxane

Concen: 1542.049 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

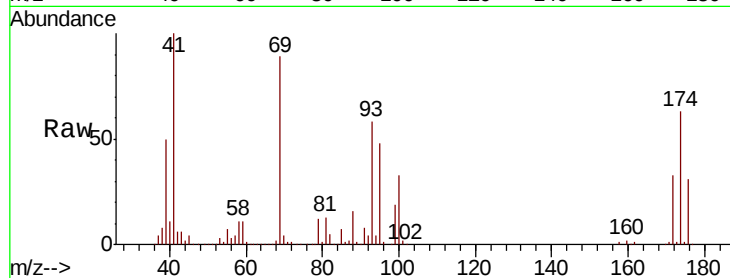
Tgt Ion: 88 Resp: 143302

Ion Ratio Lower Upper

88 100

43 35.7 26.2 39.4

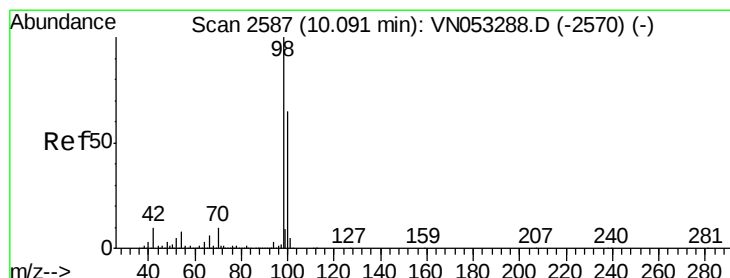
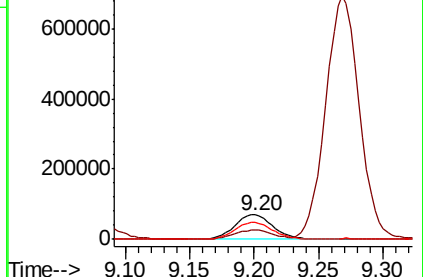
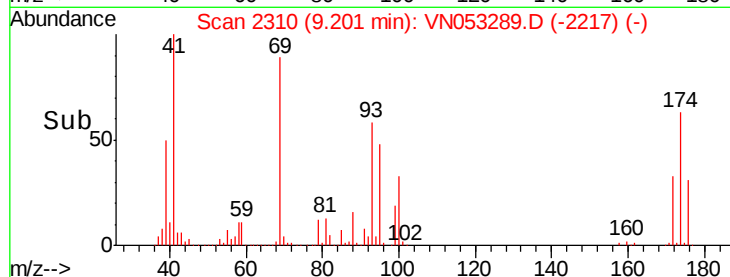
58 69.9 55.5 83.3



Abundance Ion 88.00 (87.70 to 88.70): VN053289.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN053289.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN053289.D (-2217) (-)



#50

Toluene-d8

Concen: 1542.049 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053289.D

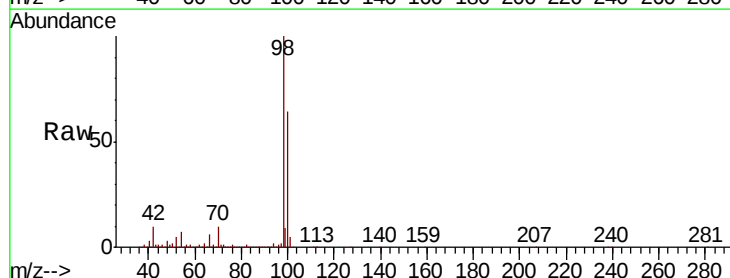
Acq: 4 Jan 2019 19:02

Tgt Ion: 98 Resp: 3433352

Ion Ratio Lower Upper

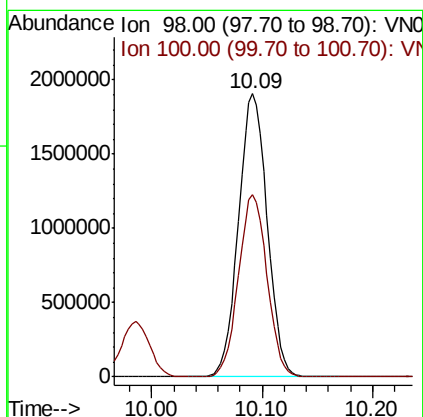
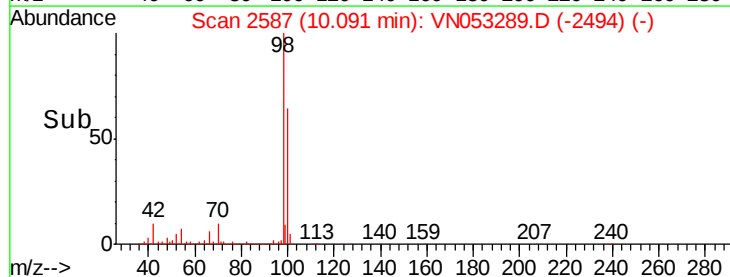
98 100

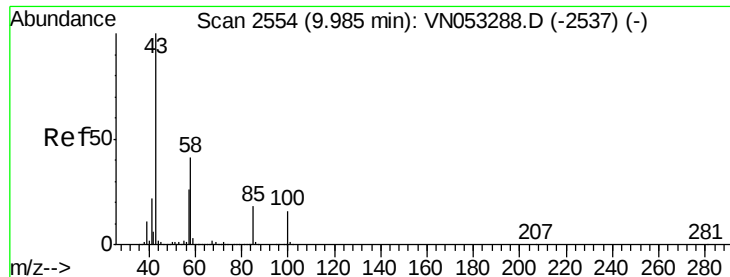
100 64.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN053289.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053289.D (-2494) (-)

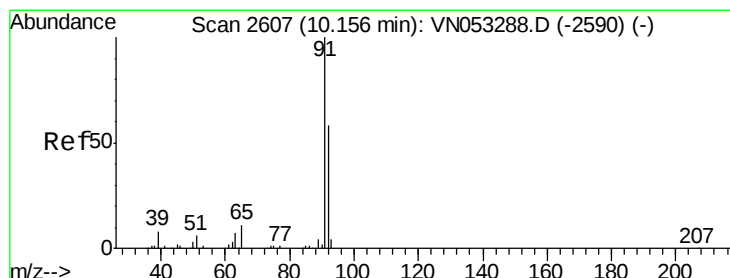
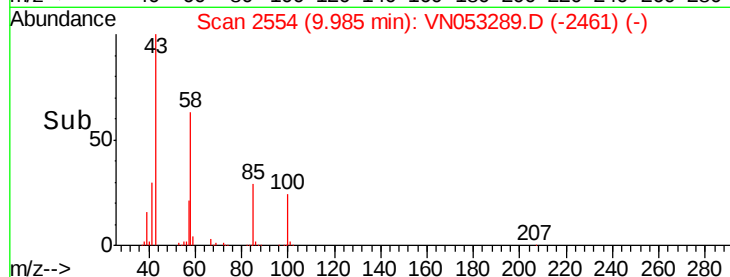
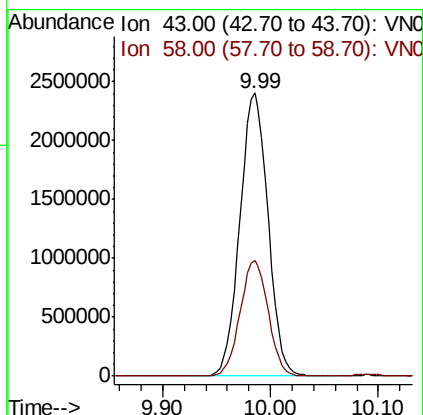
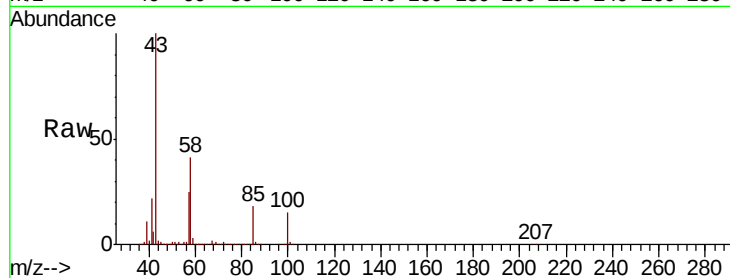




#51
 4-Methyl-2-Pentanone
 Concen: 581.267 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN053289.D
 Acq: 4 Jan 2019 19:02

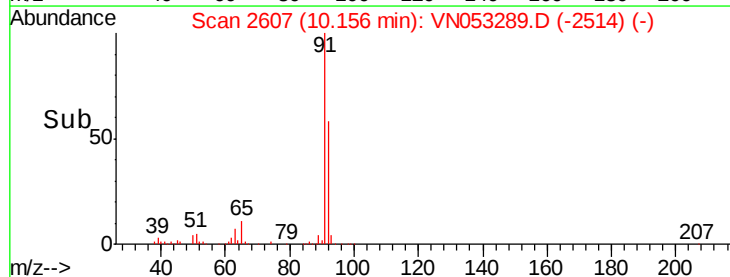
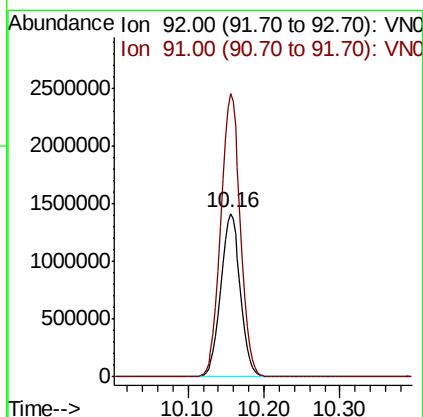
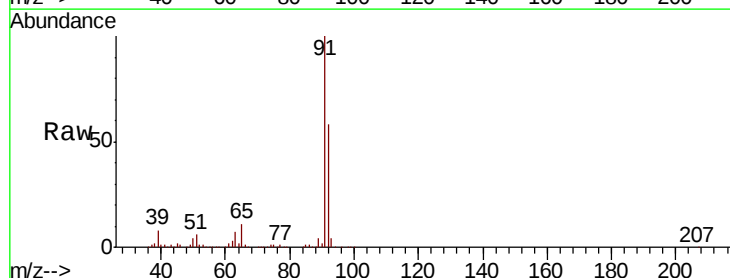
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

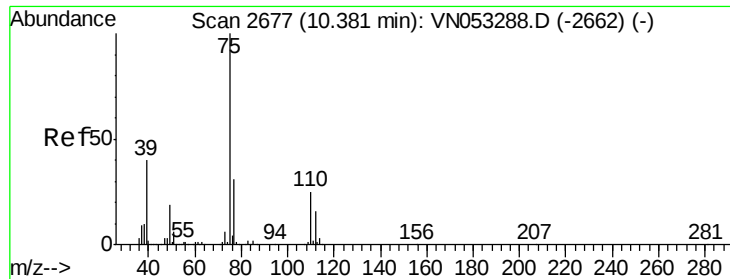
Tgt Ion: 43 Resp: 4360129
 Ion Ratio Lower Upper
 43 100
 58 40.9 32.7 49.1



#52
 Toluene
 Concen: 100.777 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053289.D
 Acq: 4 Jan 2019 19:02

Tgt Ion: 92 Resp: 2515355
 Ion Ratio Lower Upper
 92 100
 91 174.6 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 102.936 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

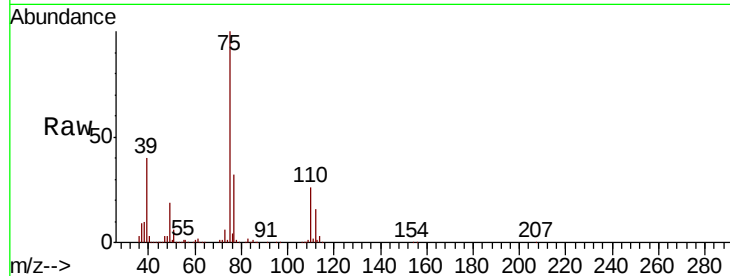
VSTDIC100

Tgt Ion: 75 Resp: 1399660

Ion Ratio Lower Upper

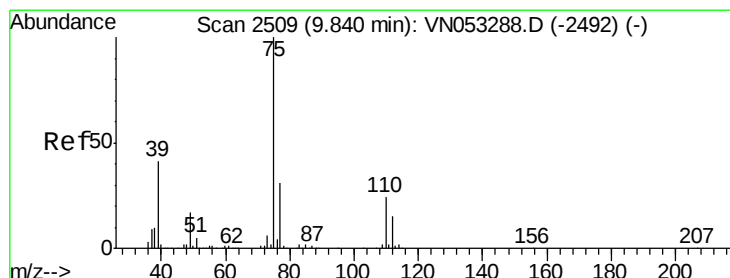
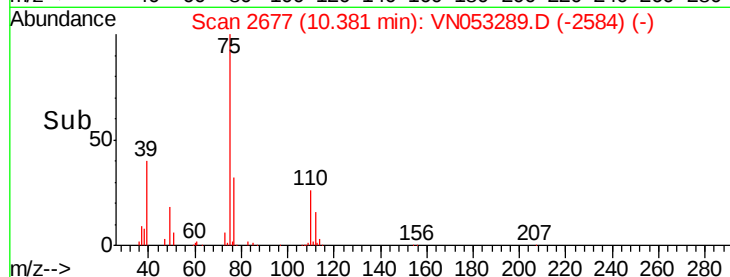
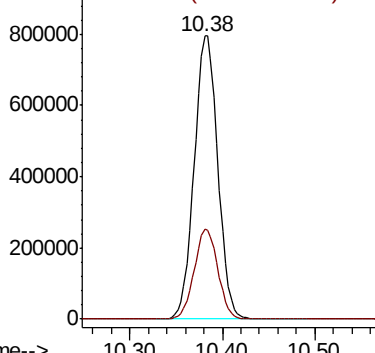
75 100

77 31.7 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 102.143 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

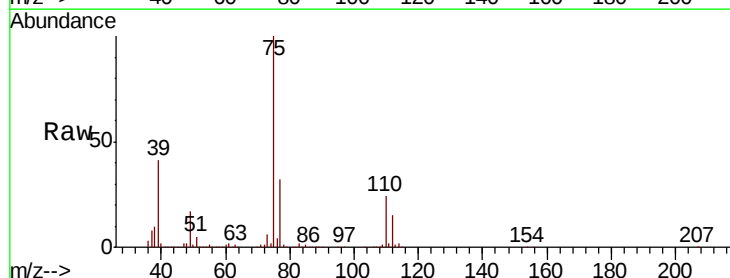
Tgt Ion: 75 Resp: 1593341

Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7

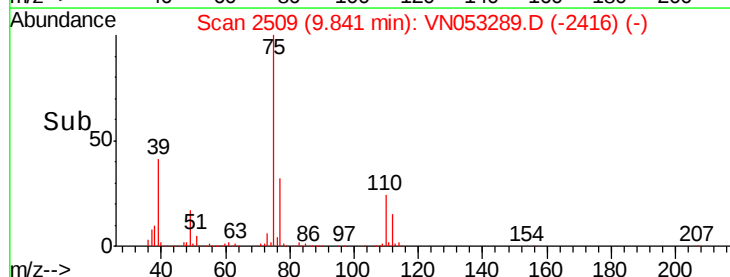
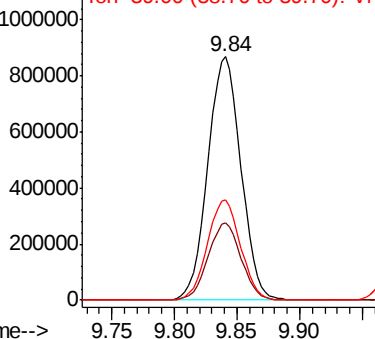
39 41.0 33.1 49.7

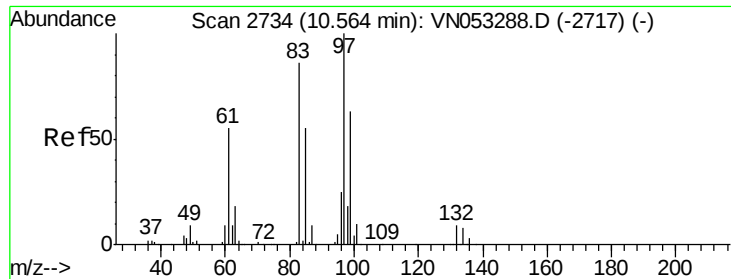


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 102.735 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 898493

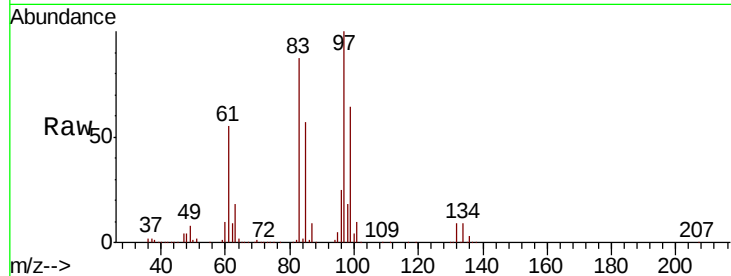
Ion Ratio Lower Upper

97 100

83 87.3 69.1 103.7

85 57.2 44.2 66.4

99 63.9 50.3 75.5



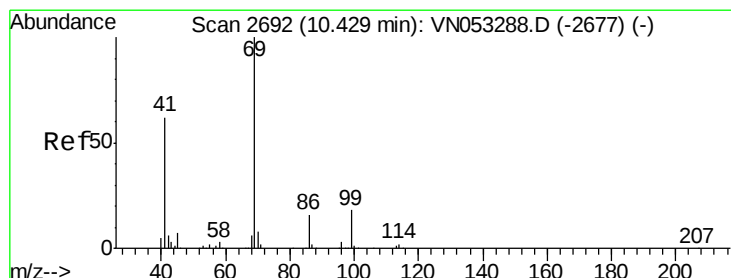
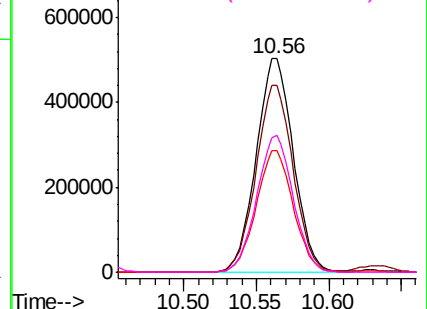
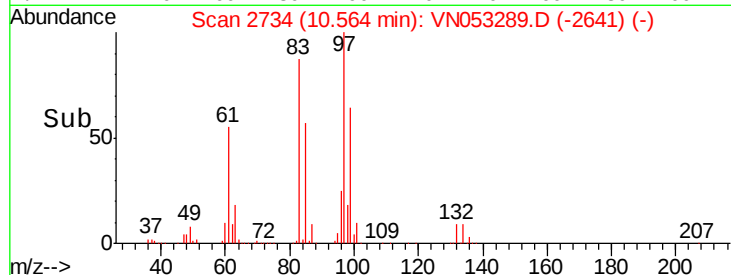
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 109.569 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

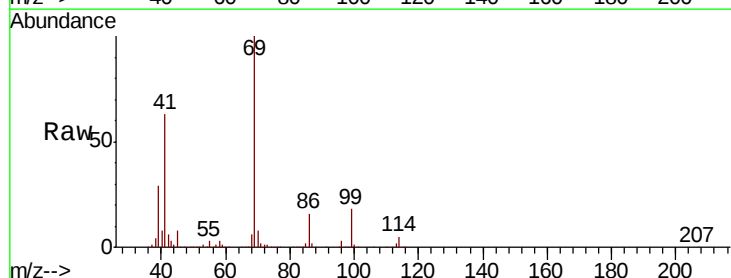
Tgt Ion: 69 Resp: 1272354

Ion Ratio Lower Upper

69 100

41 61.9 49.2 73.8

39 28.9 23.4 35.0

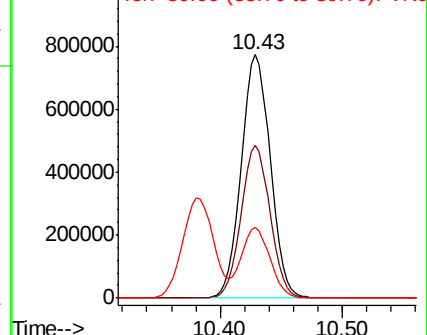
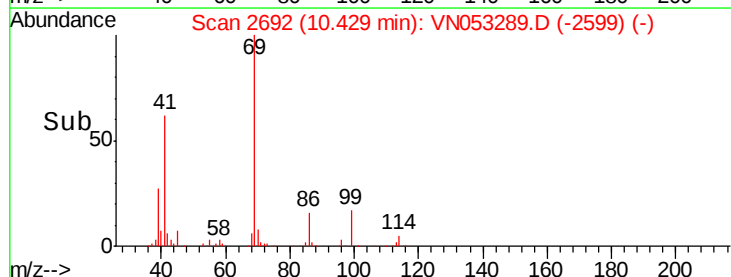


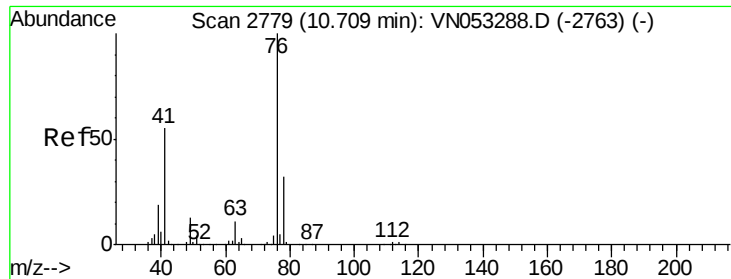
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 104.174 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

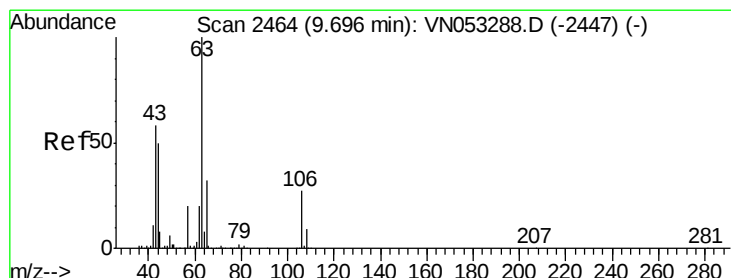
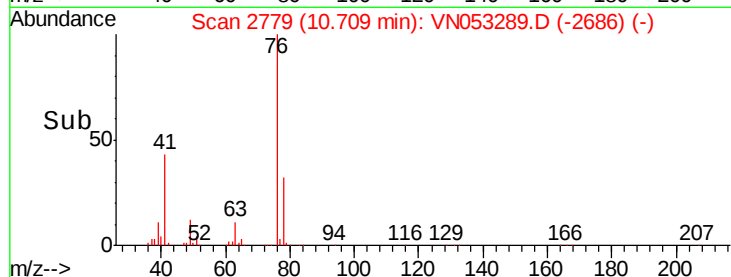
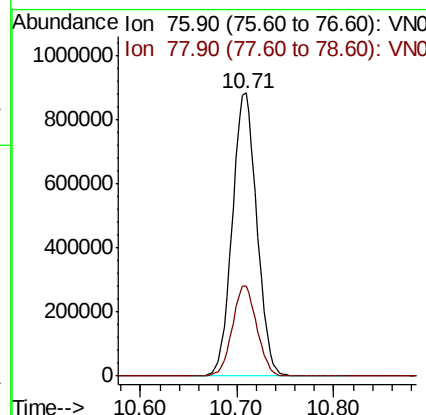
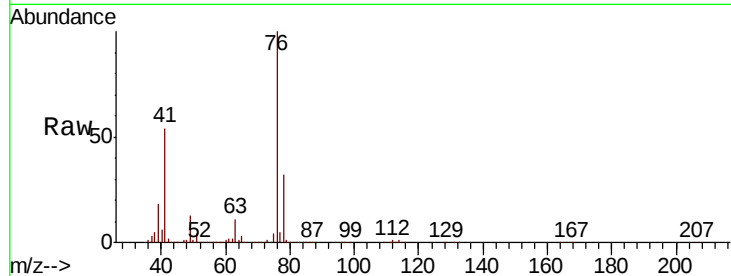
VSTDIC100

Tgt Ion: 76 Resp: 1555116

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 530.297 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN053289.D

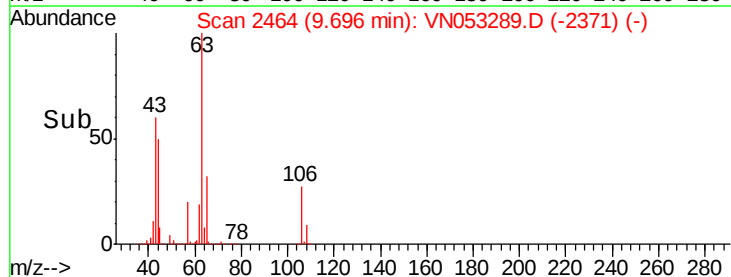
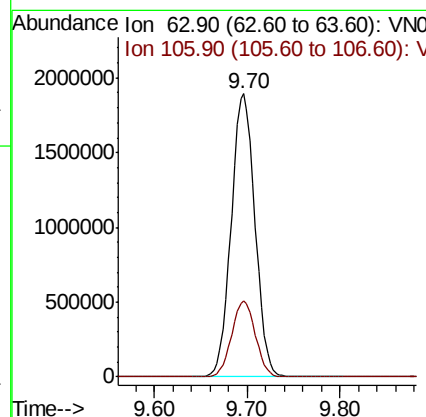
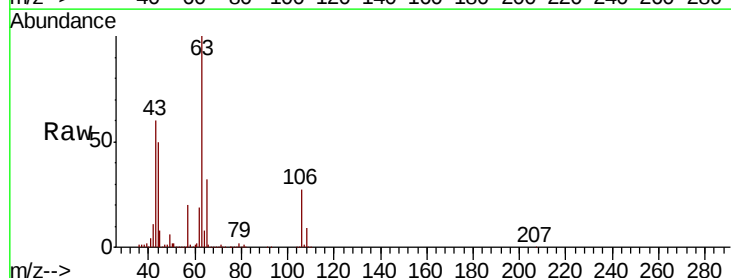
Acq: 4 Jan 2019 19:02

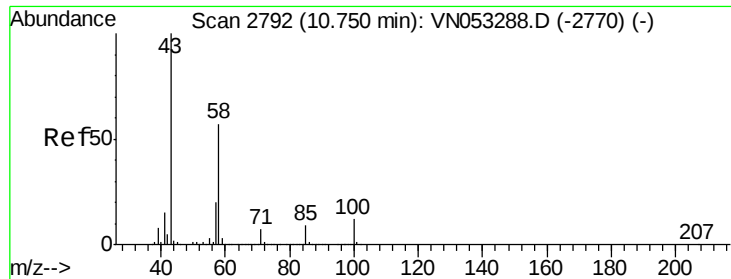
Tgt Ion: 63 Resp: 3357059

Ion Ratio Lower Upper

63 100

106 26.9 21.7 32.5

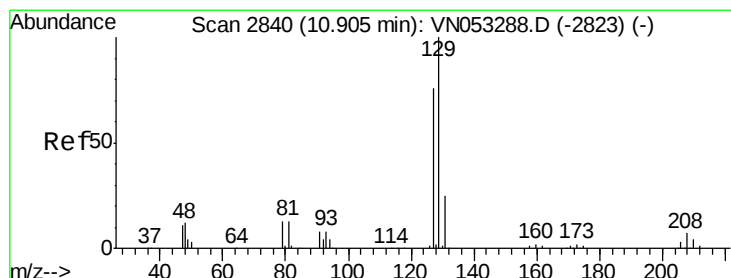
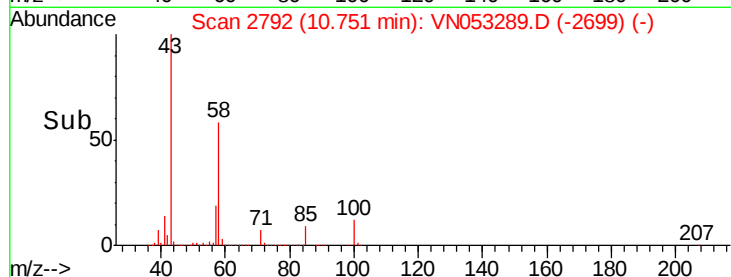
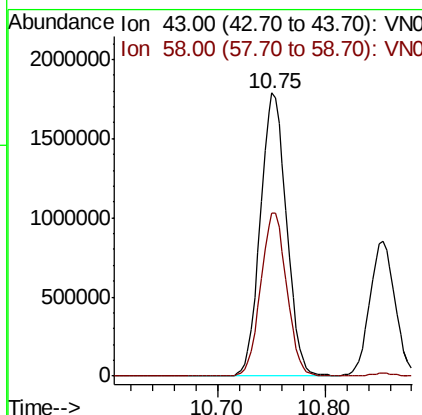
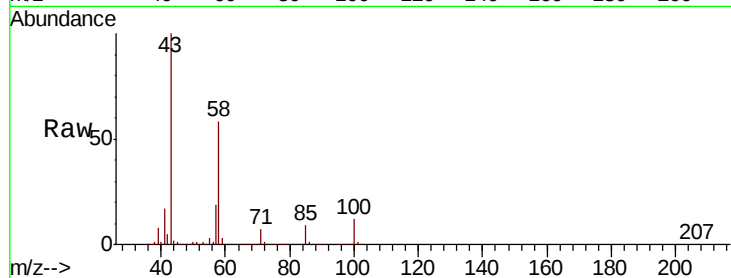




#59
2-Hexanone
Concen: 588.121 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

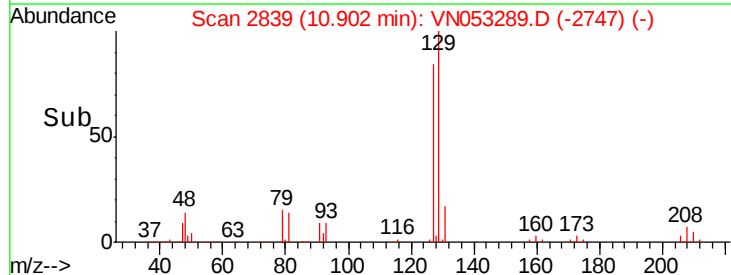
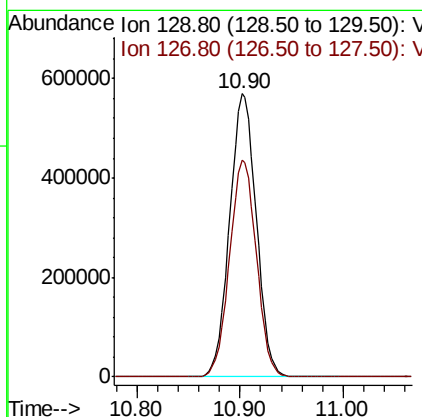
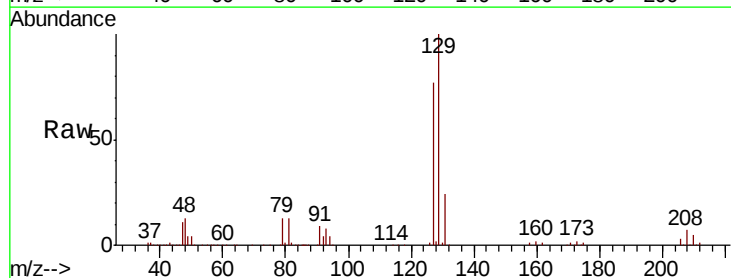
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

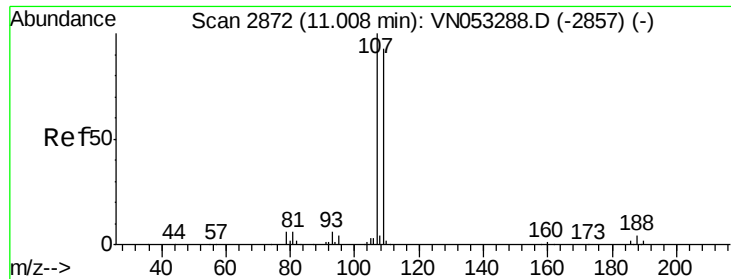
Tgt Ion: 43 Resp: 3001813
Ion Ratio Lower Upper
43 100
58 57.4 28.3 85.0



#60
Dibromochloromethane
Concen: 102.985 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

Tgt Ion: 129 Resp: 1026310
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.2

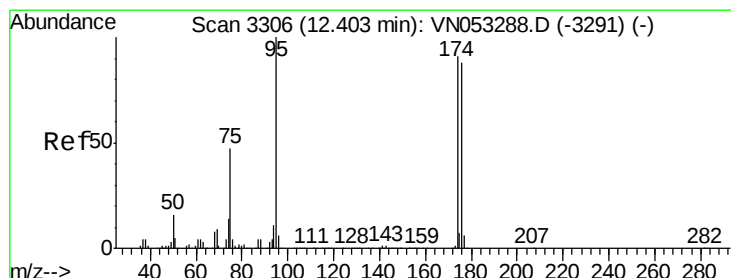
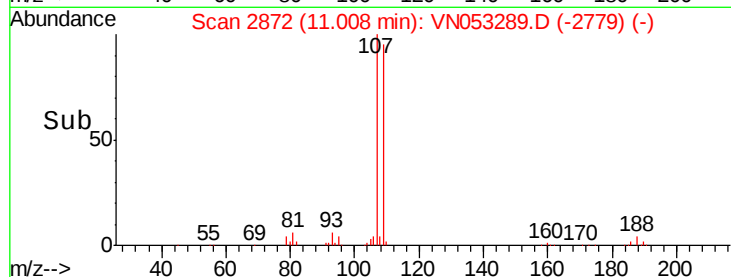
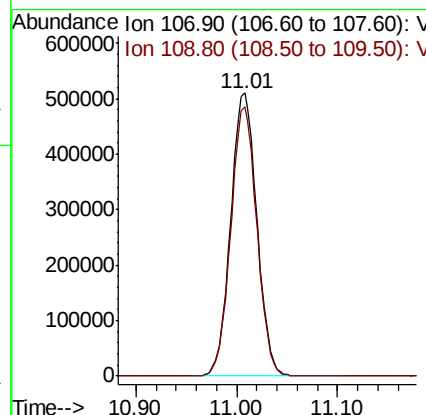
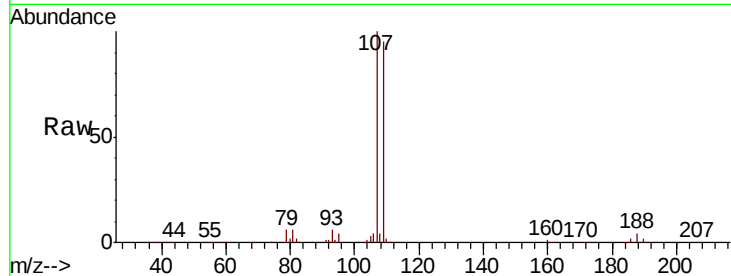




#61
 1,2-Dibromoethane
 Concen: 104.234 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN053289.D
 Acq: 4 Jan 2019 19:02

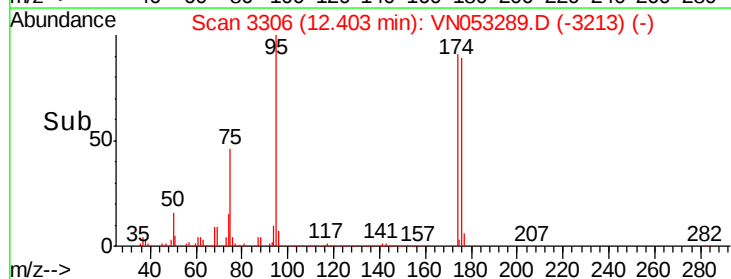
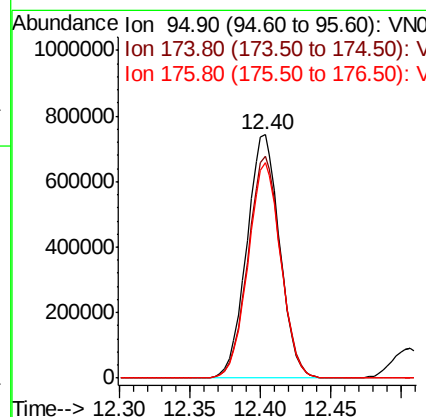
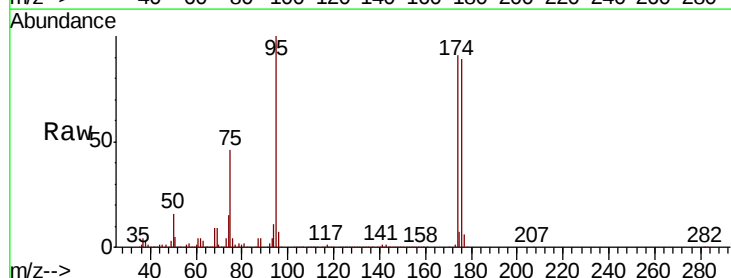
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

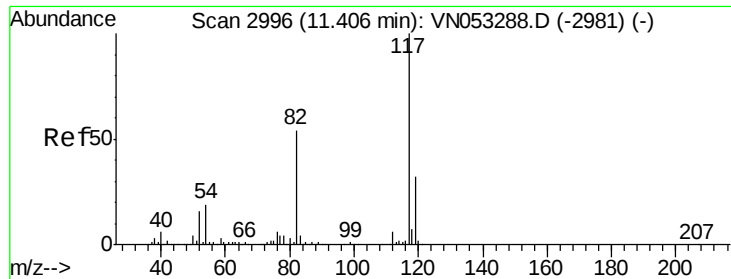
Tgt Ion: 107 Resp: 924542
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 104.234 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN053289.D
 Acq: 4 Jan 2019 19:02

Tgt Ion: 95 Resp: 1216038
 Ion Ratio Lower Upper
 95 100
 174 90.7 0.0 180.4
 176 87.9 0.0 175.6

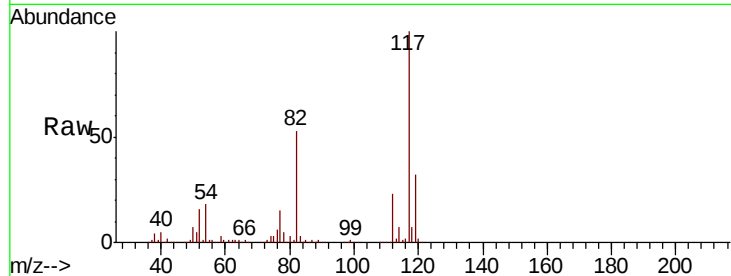




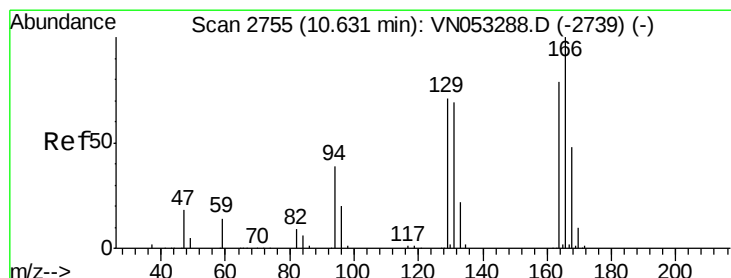
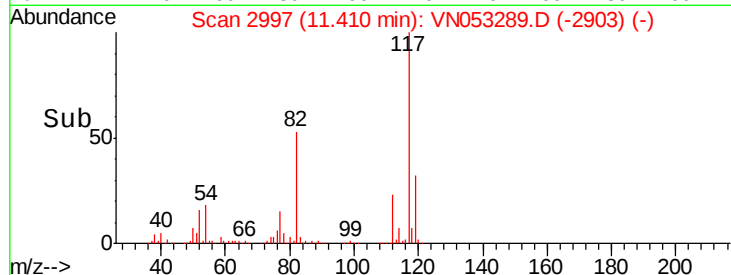
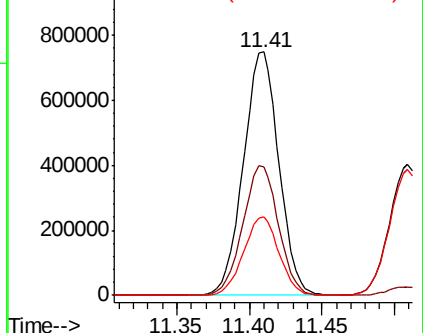
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 1274274
Ion Ratio Lower Upper
117 100
82 53.0 42.9 64.3
119 32.2 25.6 38.4

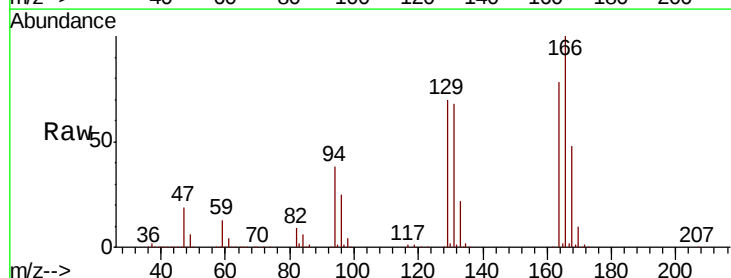


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

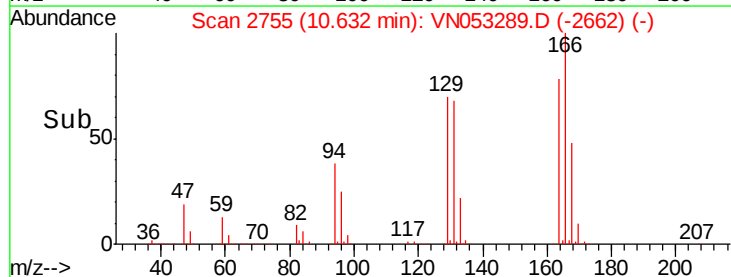
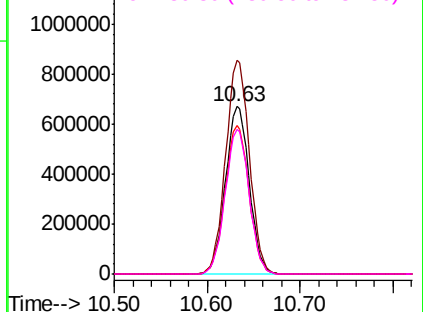


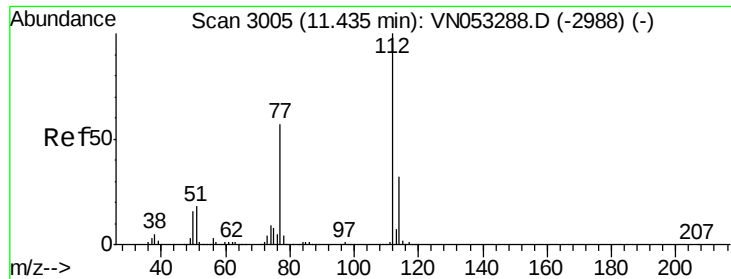
#64
Tetrachloroethene
Concen: 88.170 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

Tgt Ion:164 Resp: 1191927
Ion Ratio Lower Upper
164 100
166 127.4 101.7 152.5
129 88.8 72.1 108.1
131 86.1 69.9 104.9



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

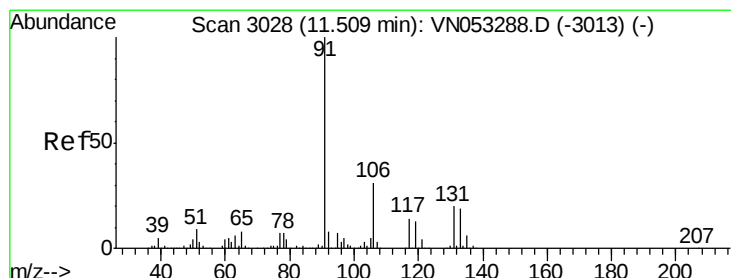
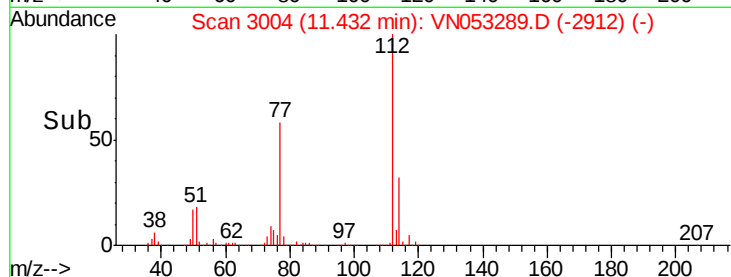
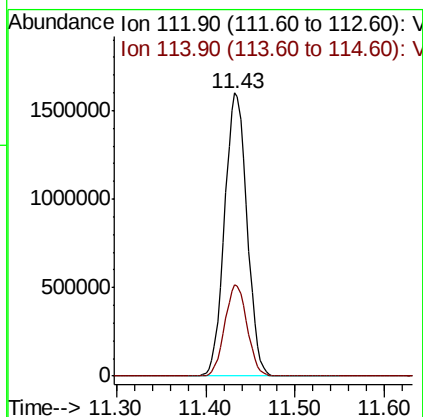
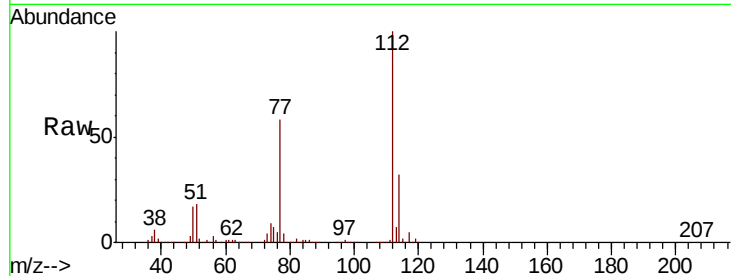




#65
Chlorobenzene
Concen: 98.360 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

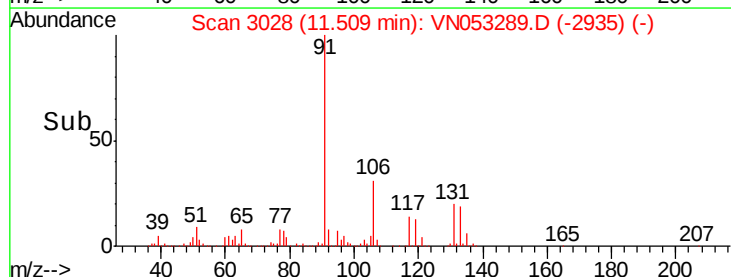
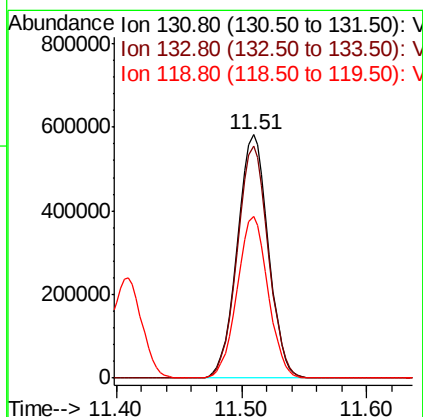
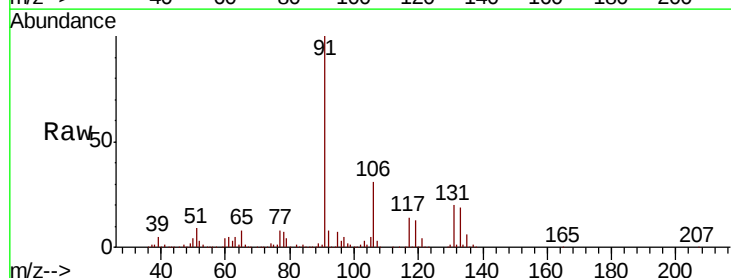
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

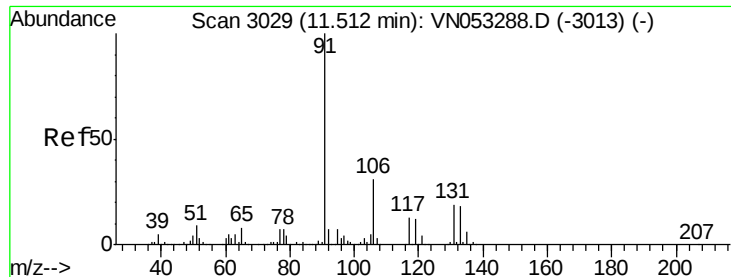
Tgt Ion:112 Resp: 2777388
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 101.590 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

Tgt Ion:131 Resp: 997965
Ion Ratio Lower Upper
131 100
133 95.6 48.0 144.0
119 66.1 33.3 99.9

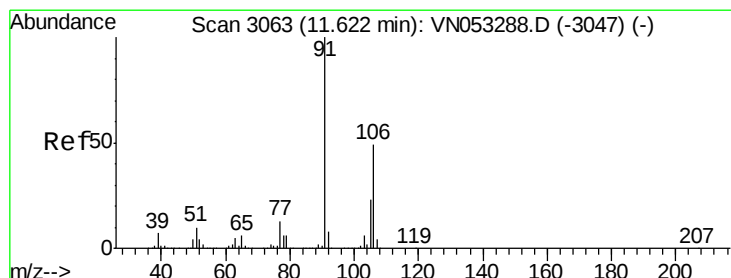
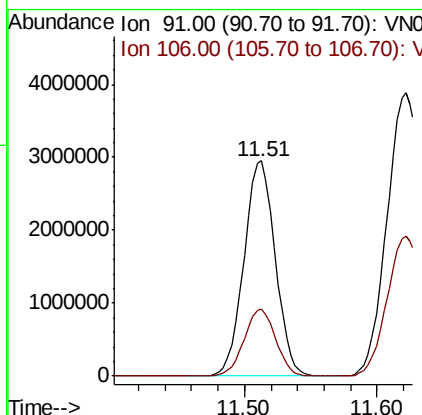
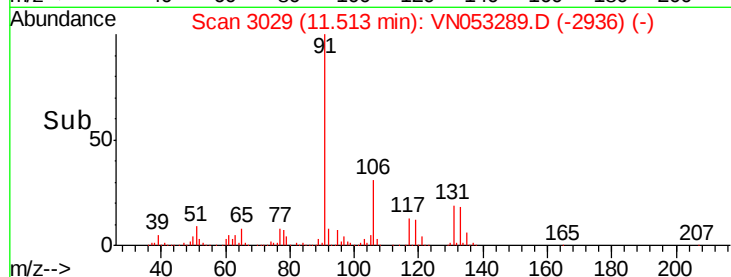
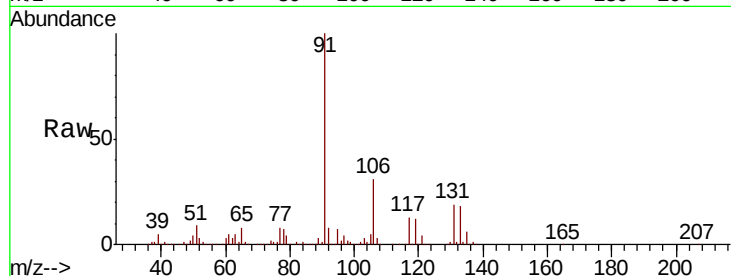




#67
Ethyl Benzene
Concen: 99.746 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

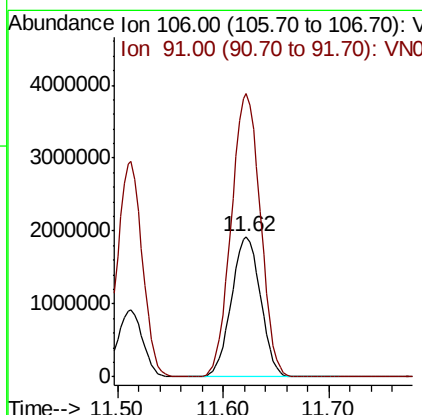
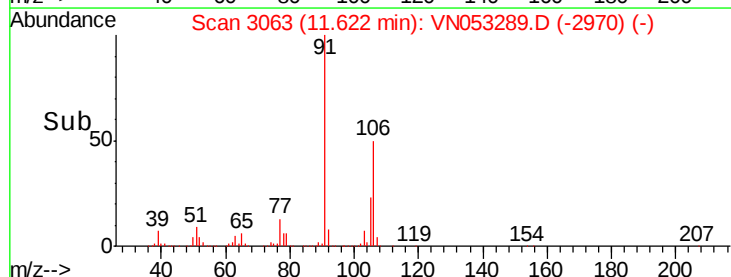
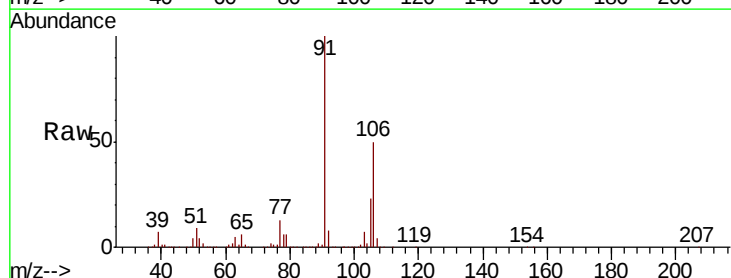
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

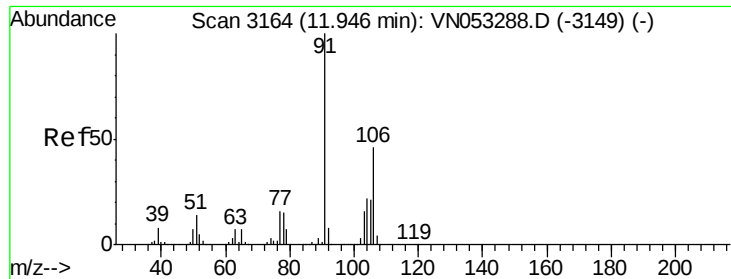
Tgt Ion: 91 Resp: 4842168
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4



#68
m/p-Xylenes
Concen: 198.868 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

Tgt Ion: 106 Resp: 3671954
Ion Ratio Lower Upper
106 100
91 202.3 161.4 242.2

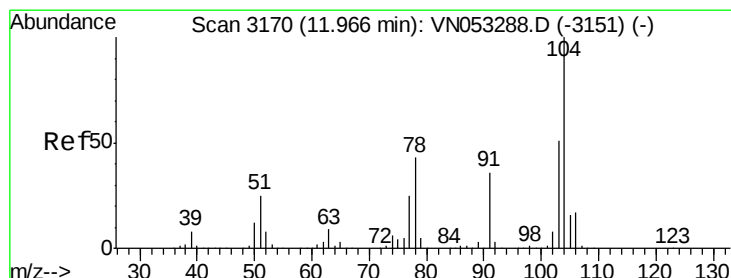
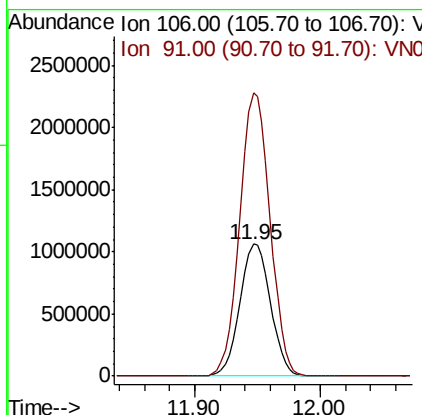
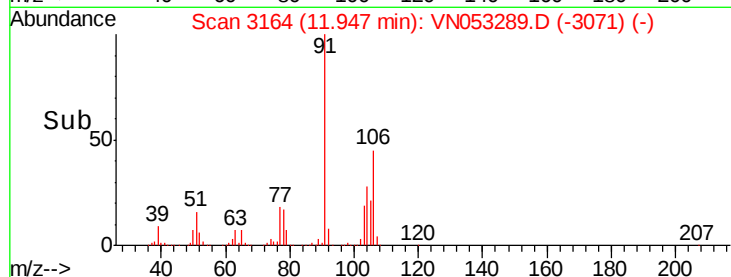
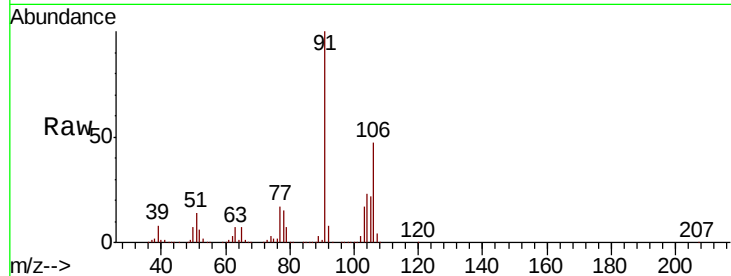




#69
o-Xylene
Concen: 101.155 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

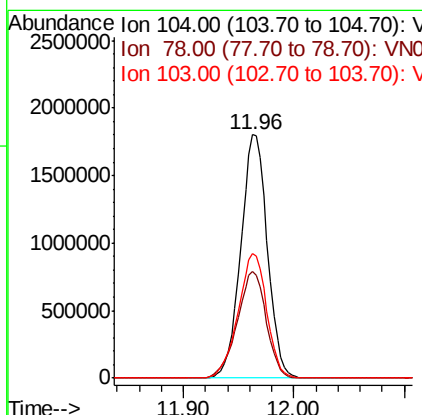
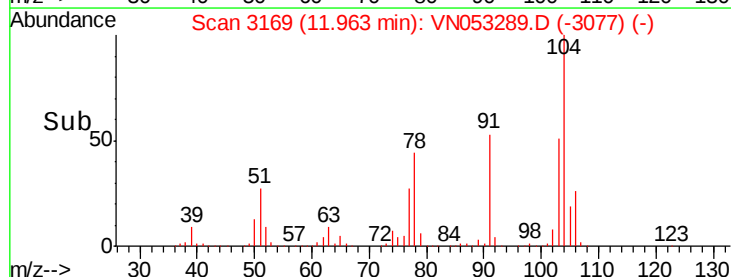
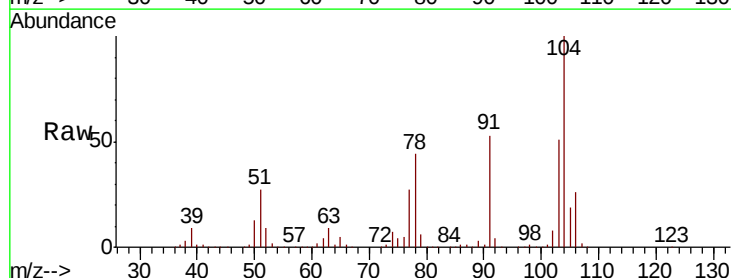
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

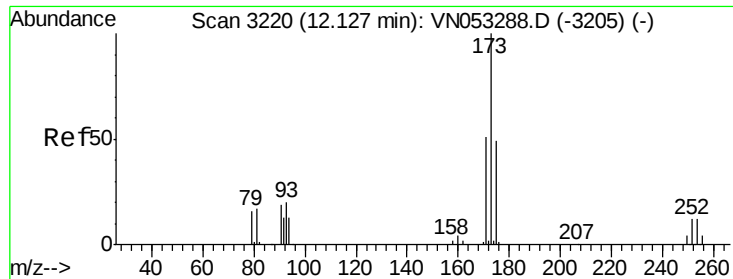
Tgt Ion:106 Resp: 1790651
Ion Ratio Lower Upper
106 100
91 212.7 106.8 320.4



#70
Styrene
Concen: 103.498 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

Tgt Ion:104 Resp: 2991353
Ion Ratio Lower Upper
104 100
78 47.8 38.5 57.7
103 55.2 44.5 66.7





#71

Bromoform

Concen: 103.259 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

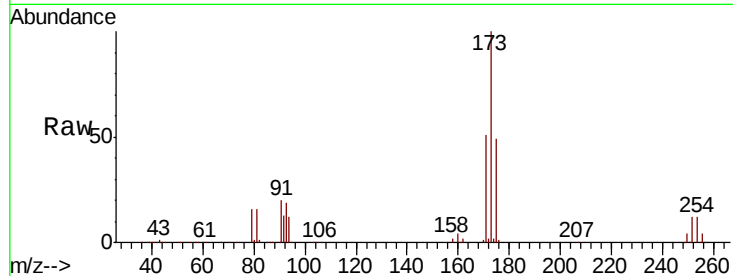
Tgt Ion:173 Resp: 730899

Ion Ratio Lower Upper

173 100

175 48.9 24.3 72.8

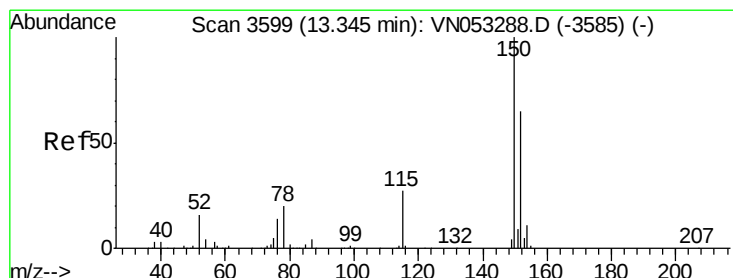
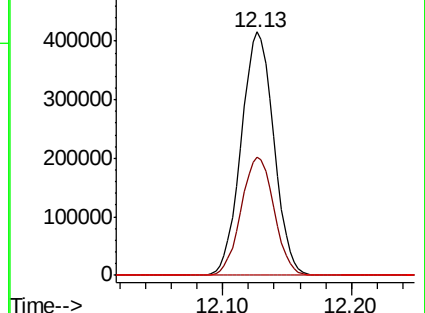
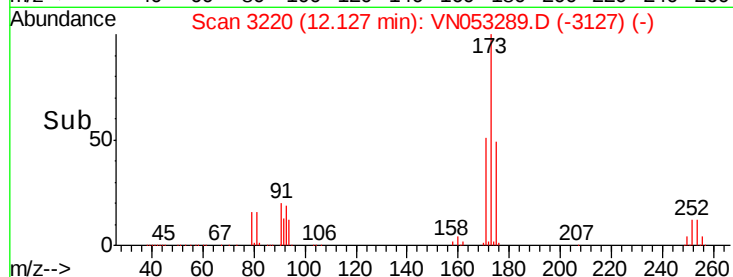
254 0.2 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

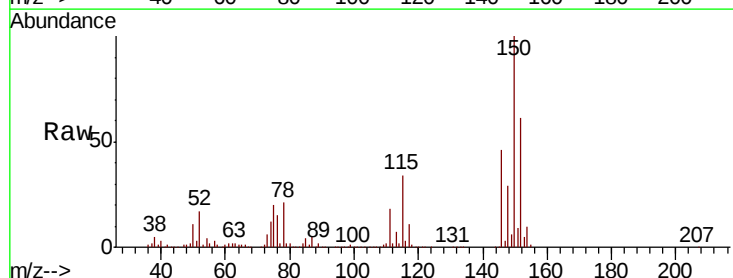
Tgt Ion:152 Resp: 634823

Ion Ratio Lower Upper

152 100

115 55.3 28.0 84.0

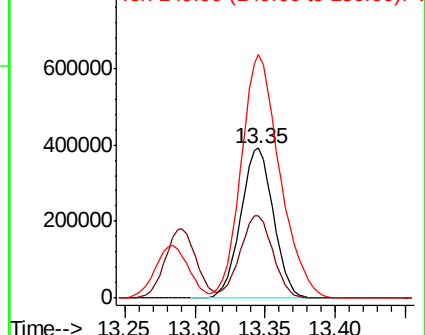
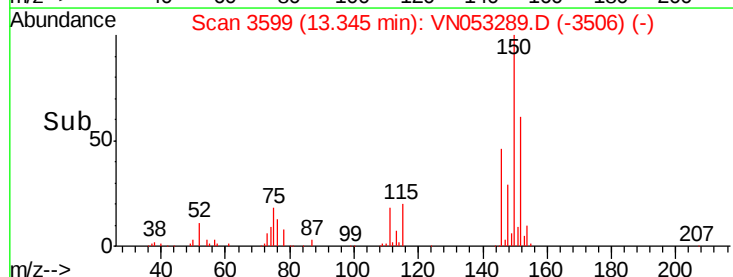
150 191.5 0.0 346.6

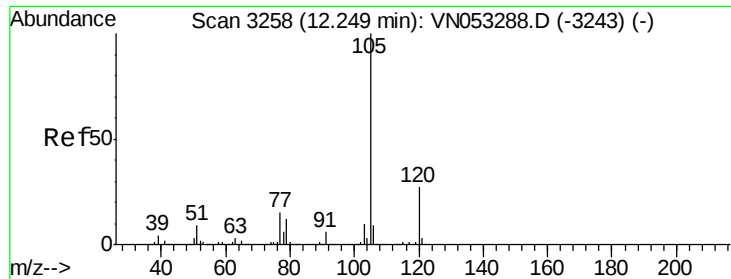


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 94.529 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

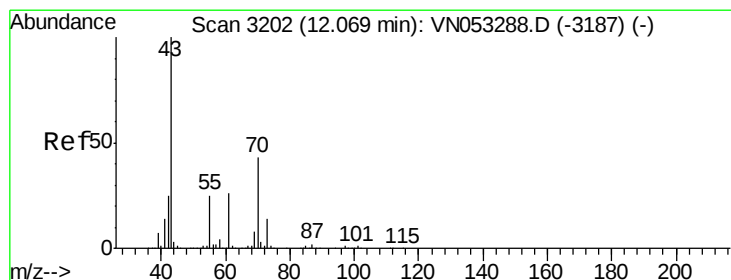
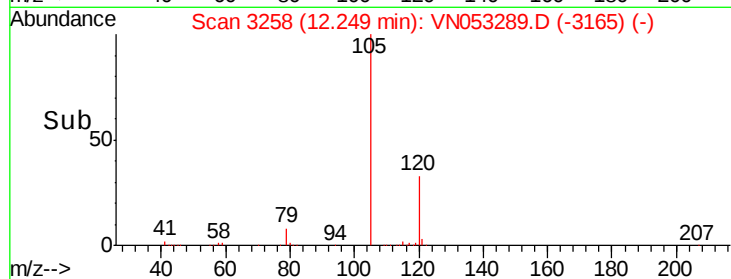
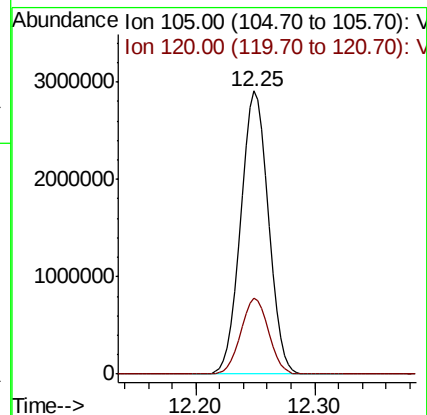
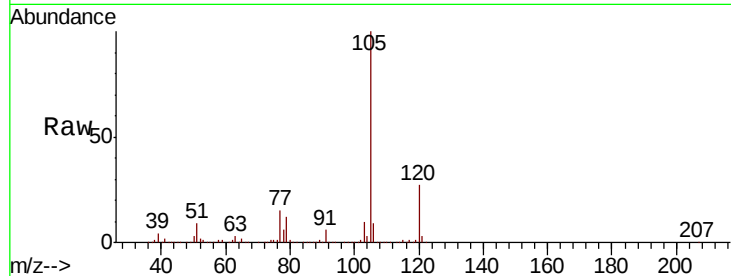
VSTDIC100

Tgt Ion:105 Resp: 4686417

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 105.546 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

Tgt Ion: 43 Resp: 1469581

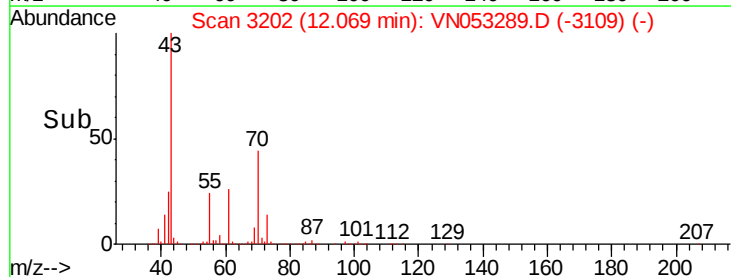
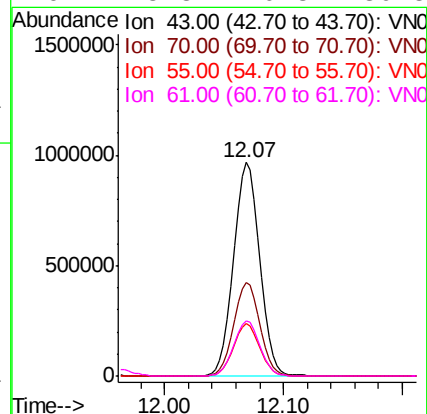
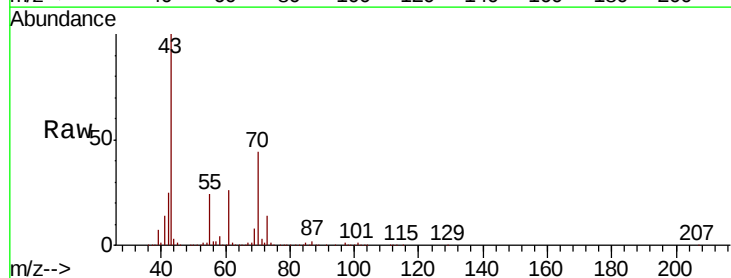
Ion Ratio Lower Upper

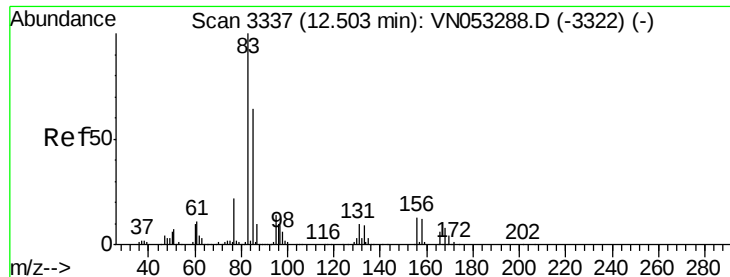
43 100

70 44.1 35.0 52.6

55 24.7 20.0 30.0

61 25.8 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 105.064 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

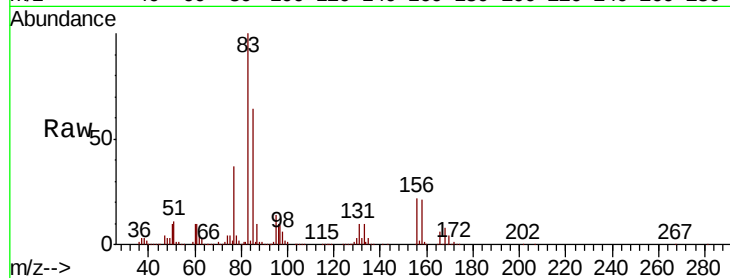
Tgt Ion: 83 Resp: 1048628

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.9

85 64.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN053288.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN053288.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN053288.D (-3322) (-)

12.51

600000

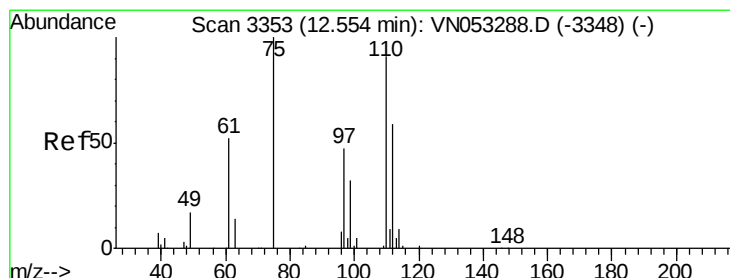
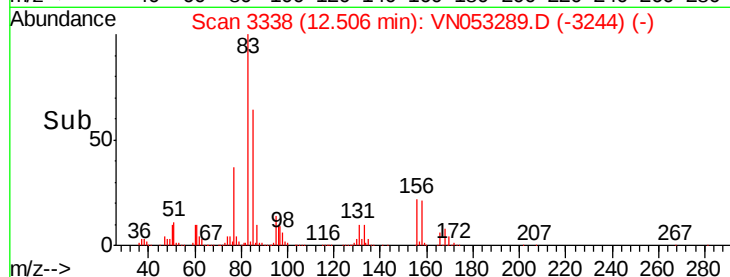
400000

200000

0

12.45 12.50 12.55

Time-->



#76

1,2,3-Trichloropropane

Concen: 137.686 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053289.D

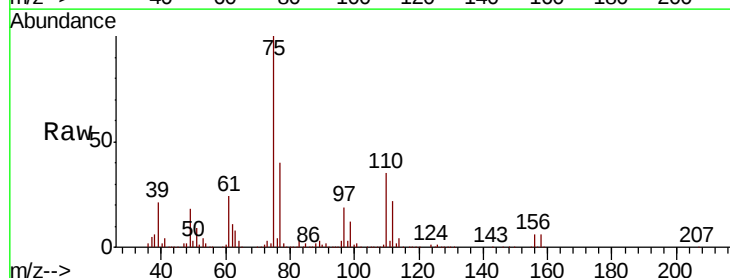
Acq: 4 Jan 2019 19:02

Tgt Ion: 75 Resp: 1442937

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN053288.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN053288.D (-3348) (-)

1200000

1000000

800000

600000

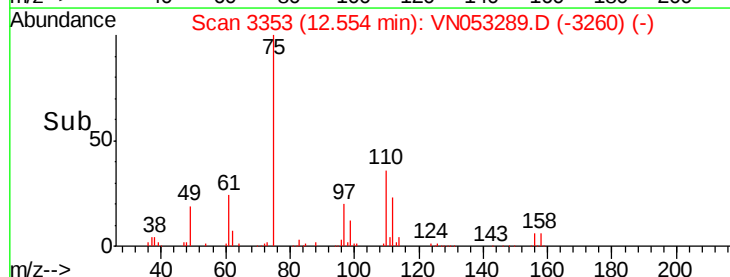
400000

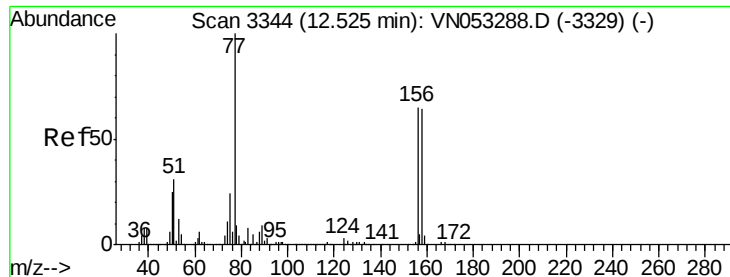
200000

0

12.40 12.50 12.60

Time-->





#77

Bromobenzene

Concen: 95.901 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

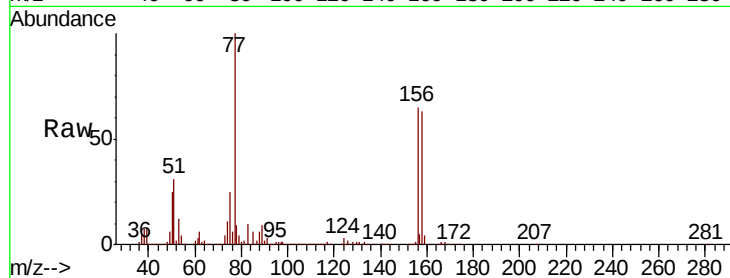
Tgt Ion:156 Resp: 1237804

Ion Ratio Lower Upper

156 100

77 180.5 89.3 268.1

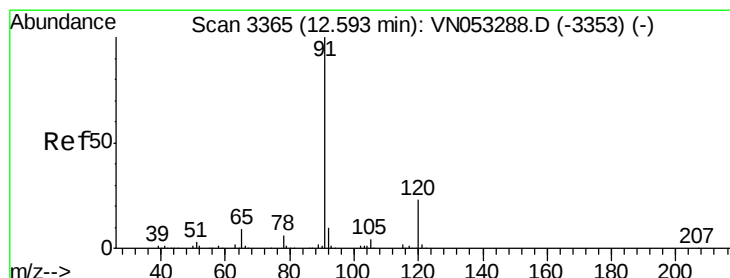
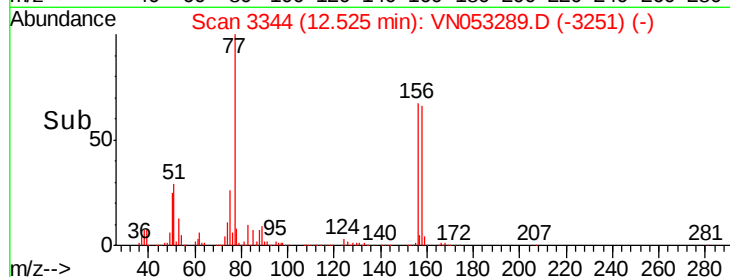
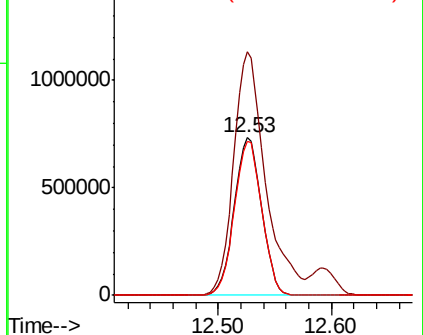
158 98.0 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 95.574 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053289.D

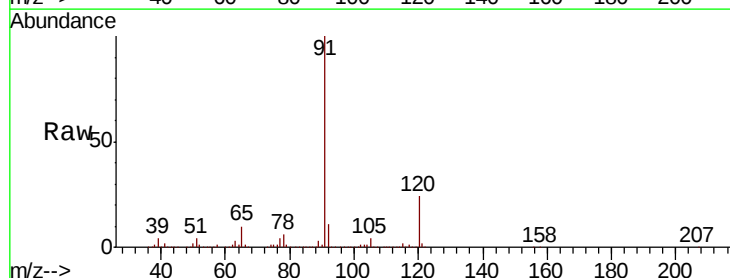
Acq: 4 Jan 2019 19:02

Tgt Ion: 91 Resp: 5394861

Ion Ratio Lower Upper

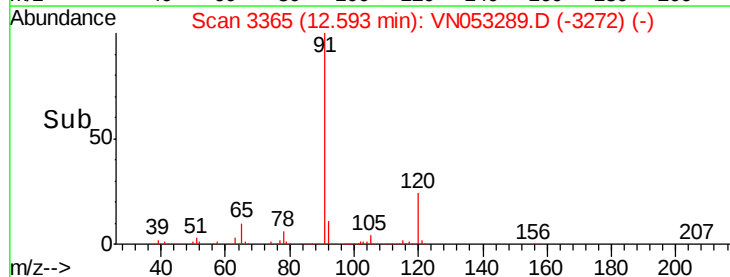
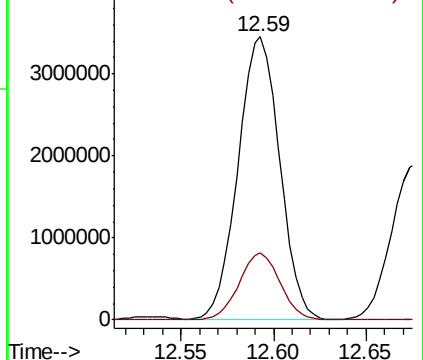
91 100

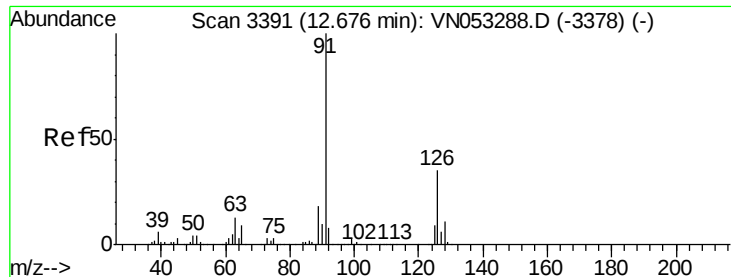
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 90.867 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

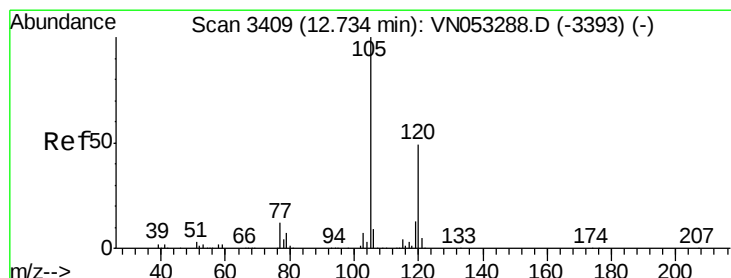
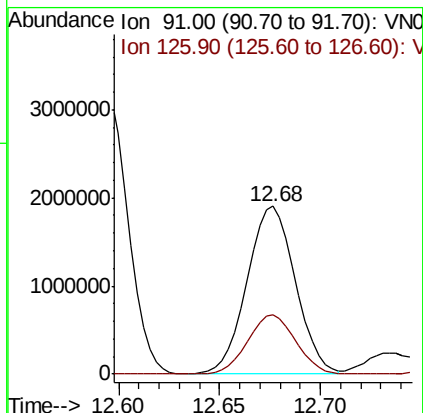
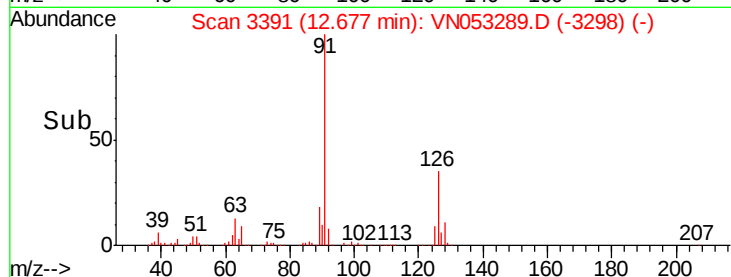
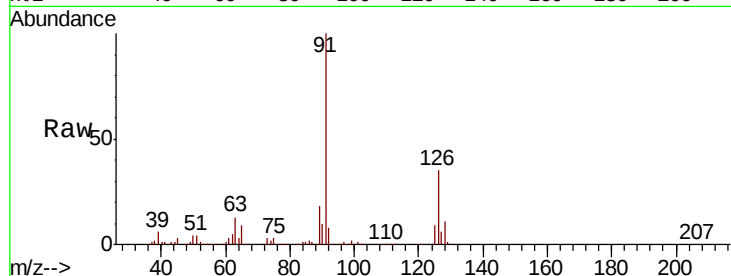
VSTDIC100

Tgt Ion: 91 Resp: 3181296

Ion Ratio Lower Upper

91 100

126 35.3 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 95.046 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053289.D

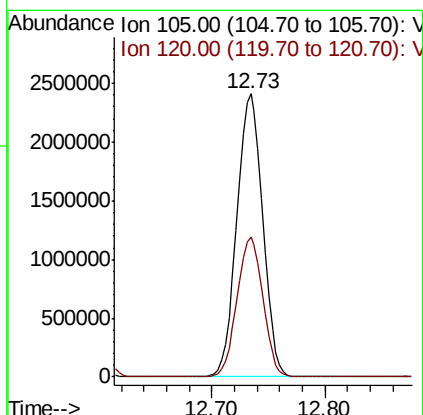
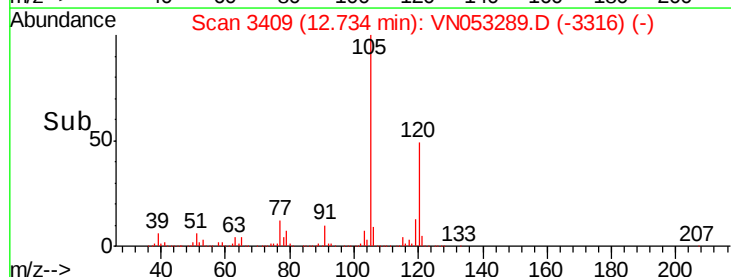
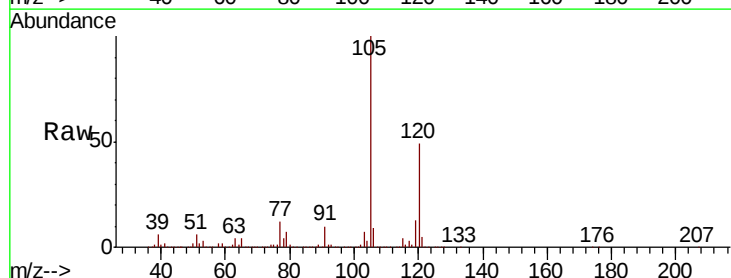
Acq: 4 Jan 2019 19:02

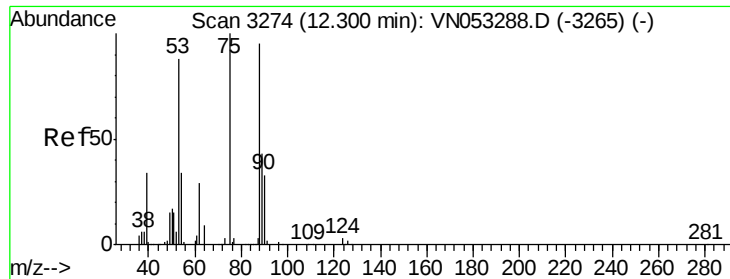
Tgt Ion: 105 Resp: 3836238

Ion Ratio Lower Upper

105 100

120 49.4 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 103.653 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

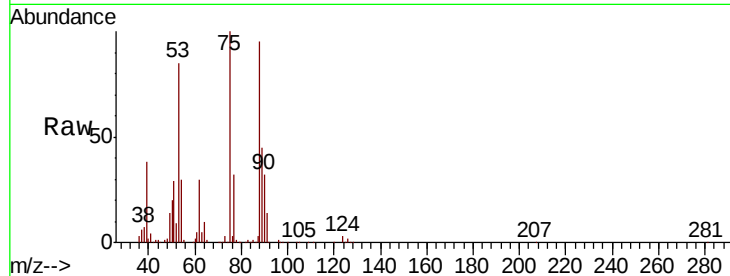
Tgt Ion: 75 Resp: 343016

Ion Ratio Lower Upper

75 100

53 86.9 70.5 105.7

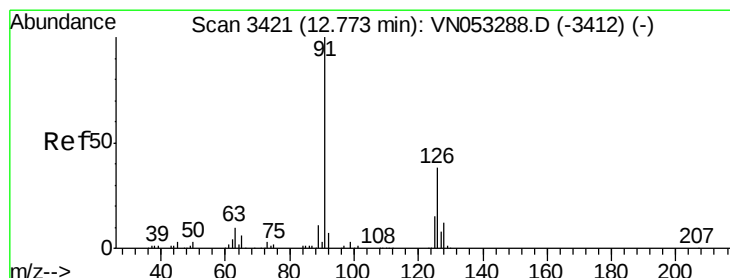
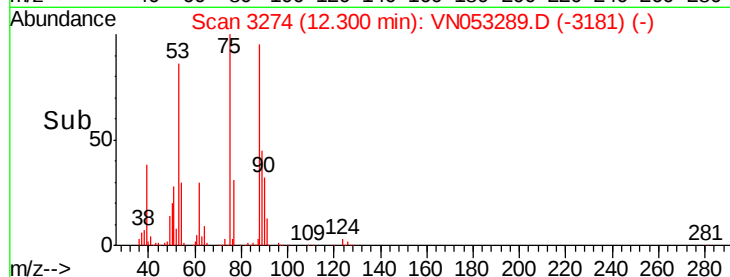
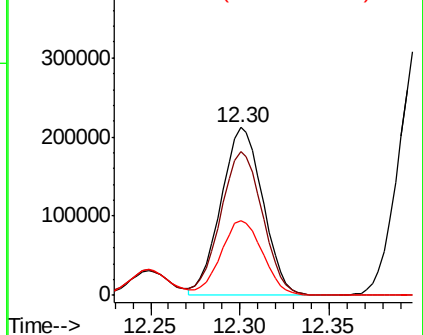
89 45.0 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 96.601 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053289.D

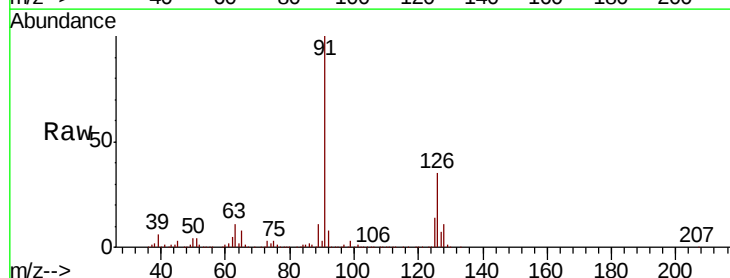
Acq: 4 Jan 2019 19:02

Tgt Ion: 91 Resp: 3312839

Ion Ratio Lower Upper

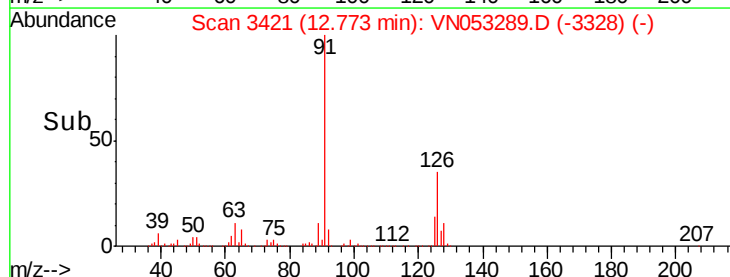
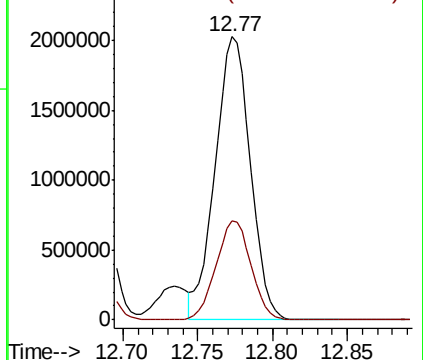
91 100

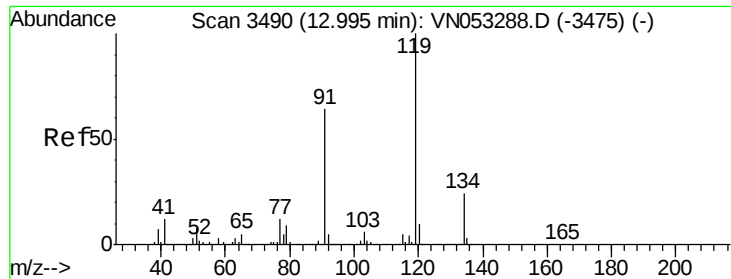
126 34.7 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

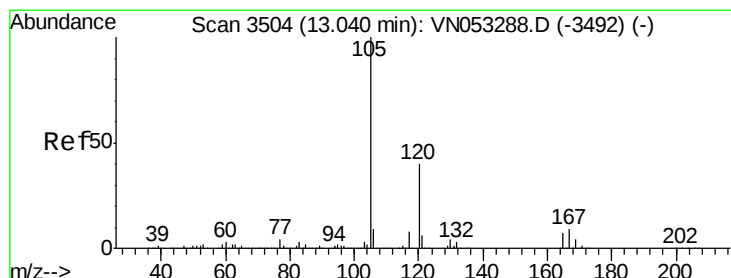
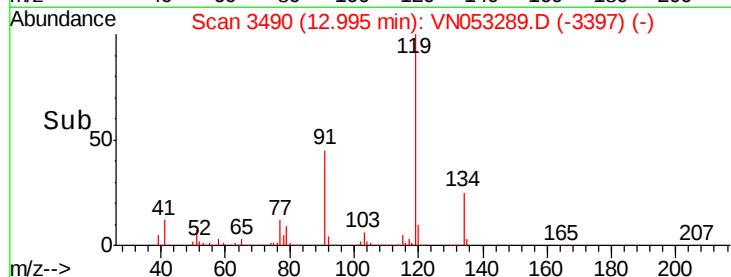
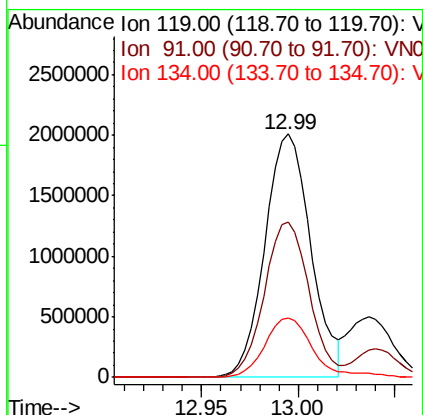
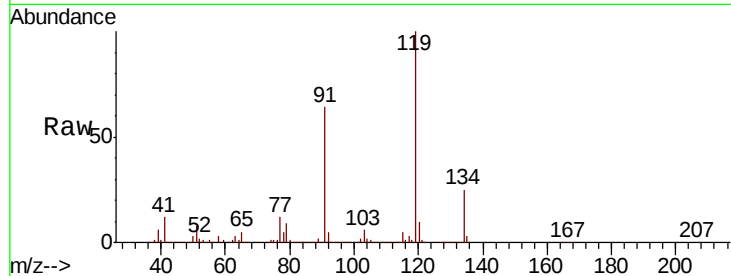




#83
 tert-Butylbenzene
 Concen: 93.130 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053289.D
 Acq: 4 Jan 2019 19:02

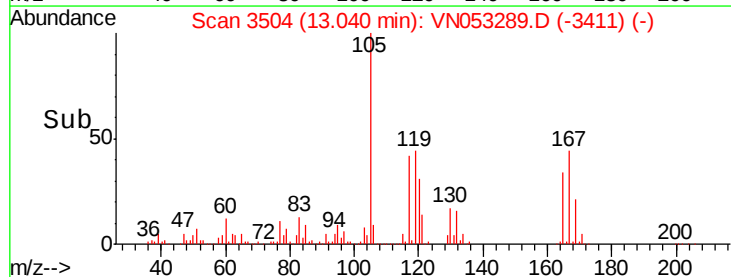
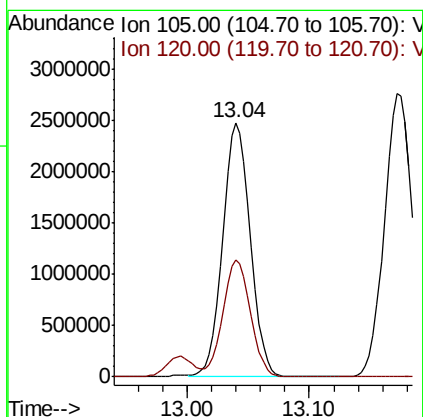
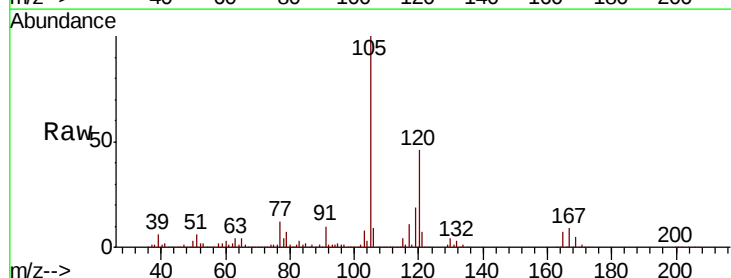
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

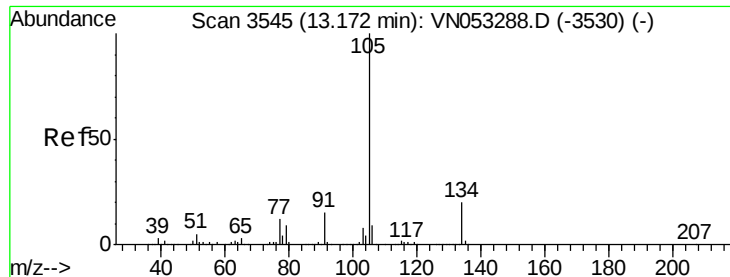
Tgt Ion:119 Resp: 3319875
 Ion Ratio Lower Upper
 119 100
 91 62.6 31.6 95.0
 134 25.7 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 96.574 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053289.D
 Acq: 4 Jan 2019 19:02

Tgt Ion:105 Resp: 3920546
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.0 69.0





#85

sec-Butylbenzene

Concen: 92.596 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

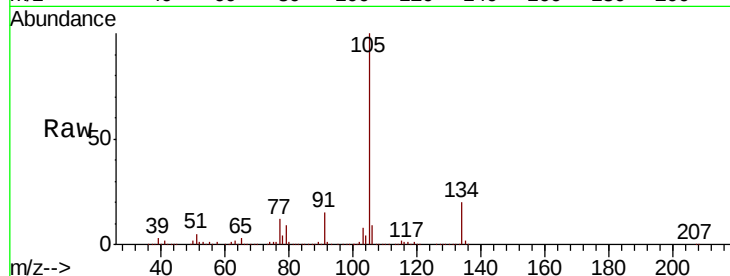
VSTDIC100

Tgt Ion:105 Resp: 4455528

Ion Ratio Lower Upper

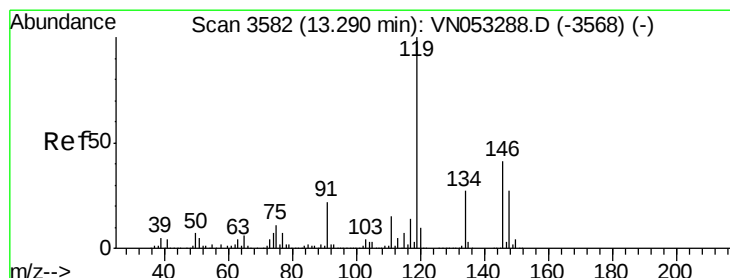
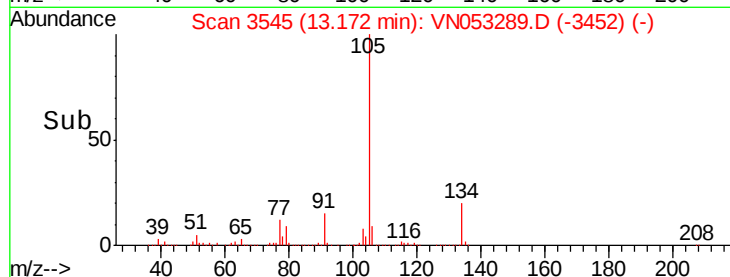
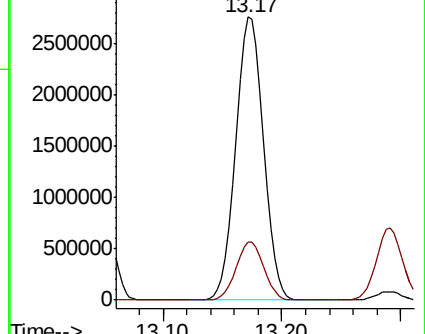
105 100

134 20.4 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 94.843 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053289.D

Acq: 4 Jan 2019 19:02

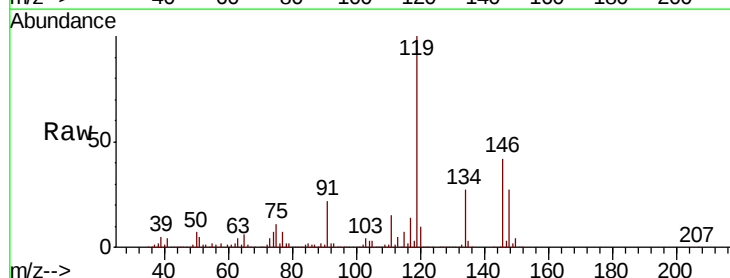
Tgt Ion:119 Resp: 3943681

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

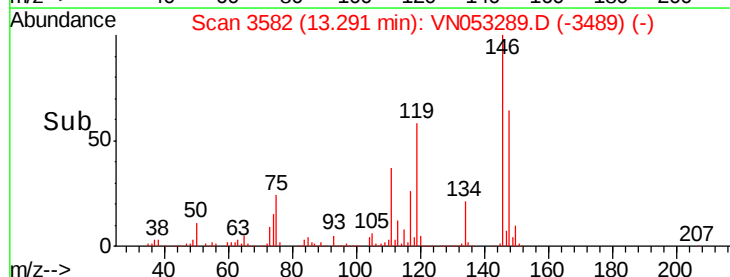
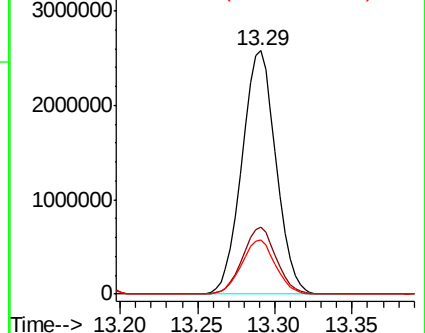
91 22.1 11.1 33.1

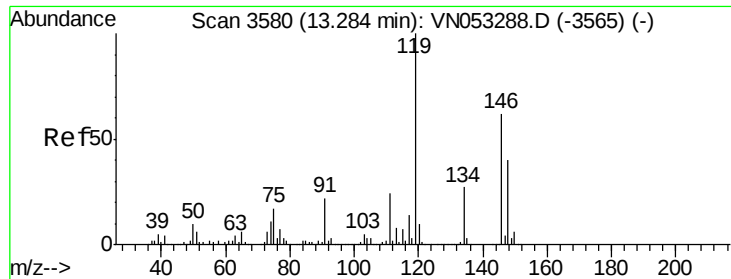


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

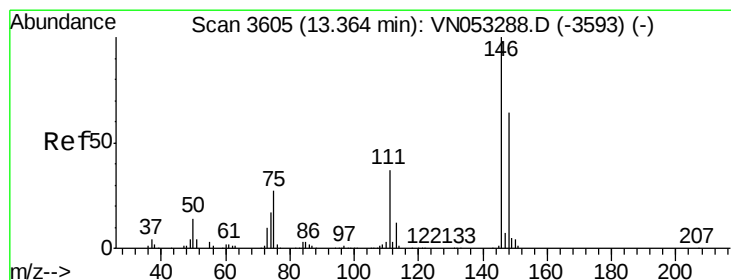
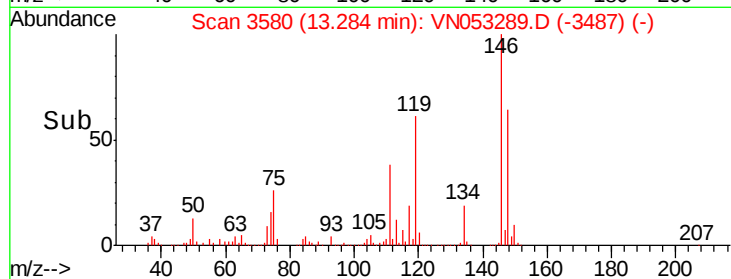
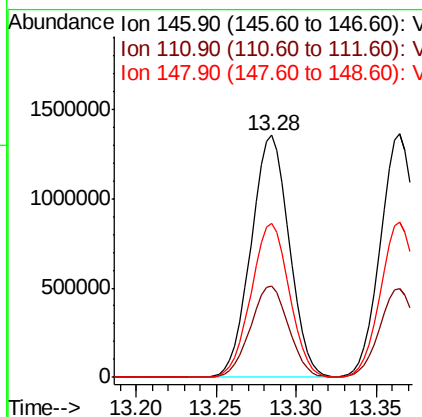
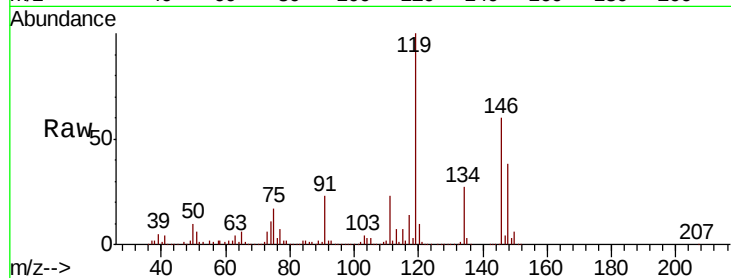




#87
 1,3-Dichlorobenzene
 Concen: 97.579 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN053289.D
 Acq: 4 Jan 2019 19:02

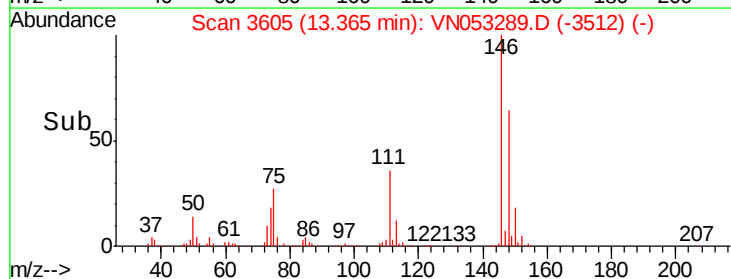
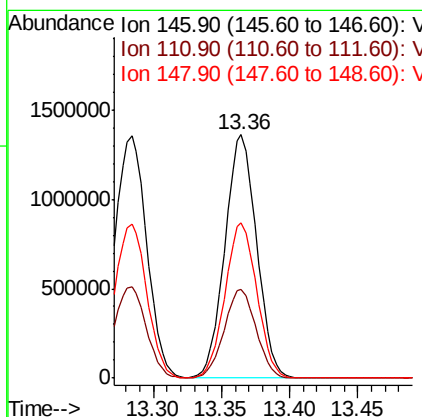
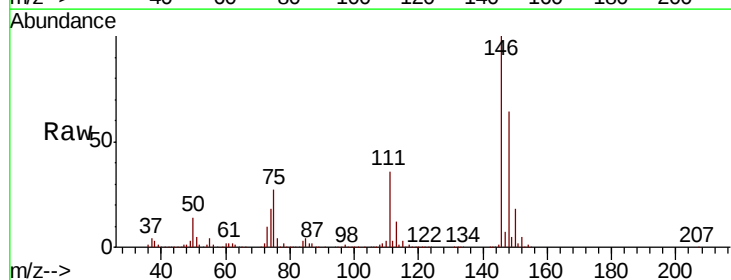
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

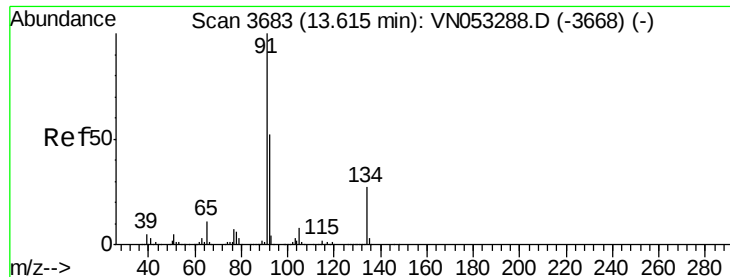
Tgt Ion:146 Resp: 2225649
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.9 56.5
 148 63.6 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 95.035 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053289.D
 Acq: 4 Jan 2019 19:02

Tgt Ion:146 Resp: 2196893
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.6 55.8
 148 64.1 32.0 96.0

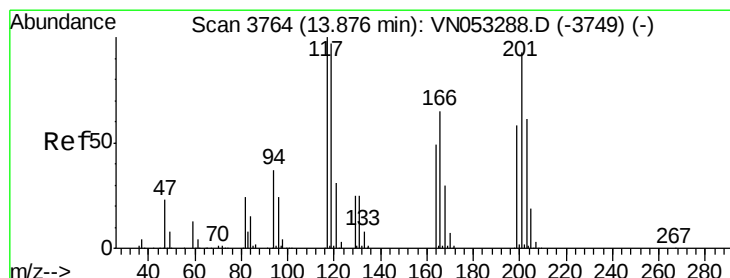
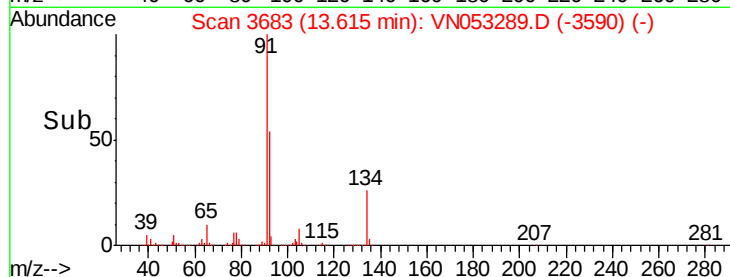
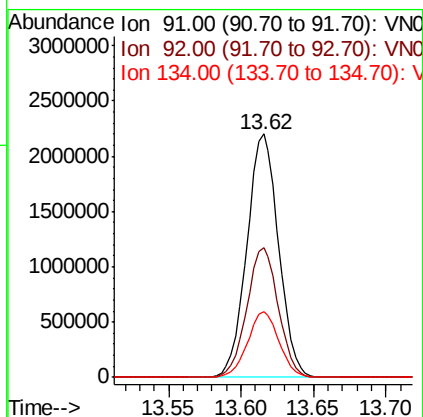
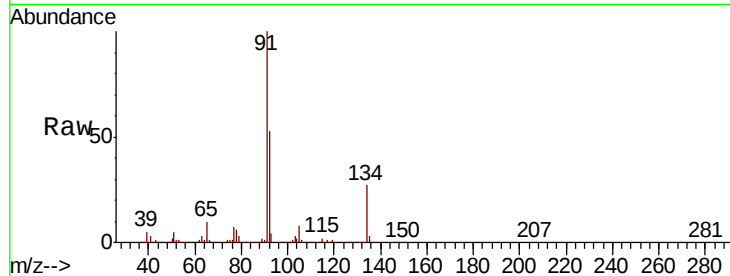




#89
n-Butylbenzene
Concen: 93.625 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

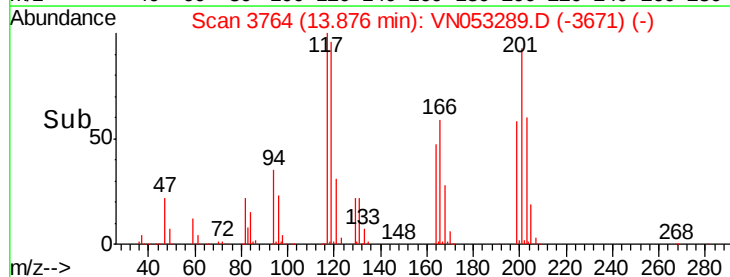
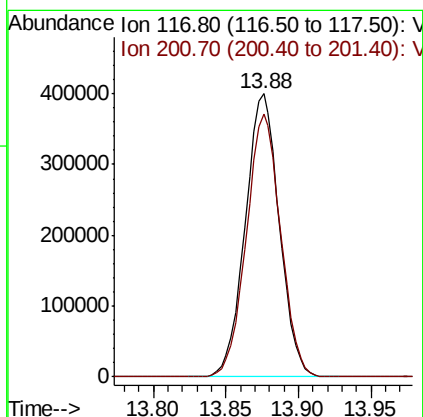
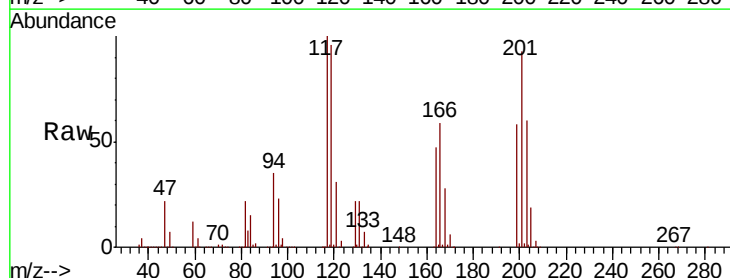
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 3342880
Ion Ratio Lower Upper
91 100
92 52.7 26.3 78.8
134 26.9 13.5 40.5



#90
Hexachloroethane
Concen: 101.929 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

Tgt Ion: 117 Resp: 653953
Ion Ratio Lower Upper
117 100
201 93.3 46.1 138.3

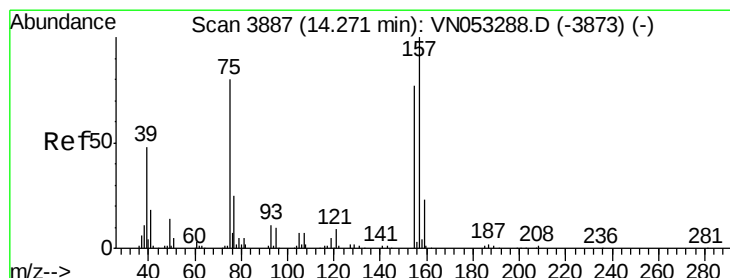
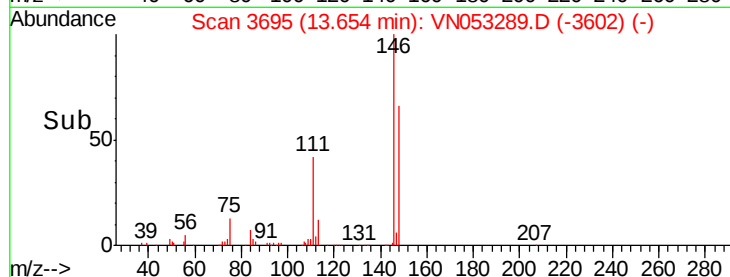
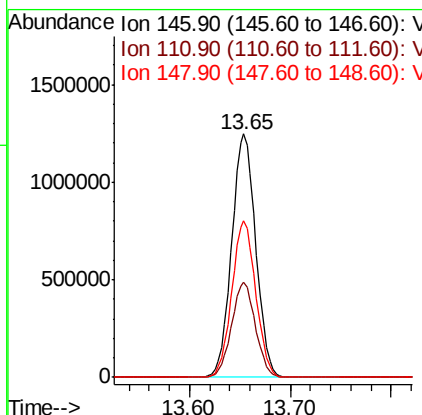
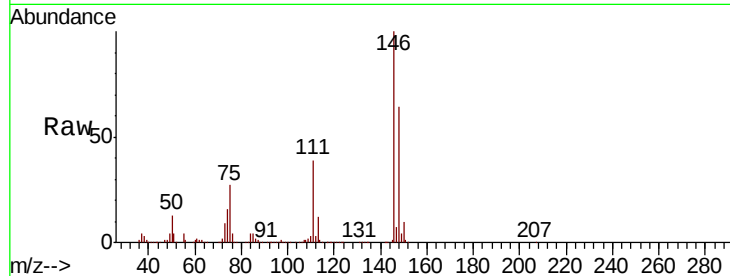




#91
 1,2-Dichlorobenzene
 Concen: 96.125 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053289.D
 Acq: 4 Jan 2019 19:02

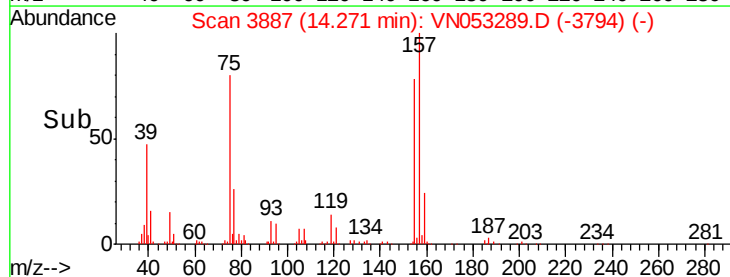
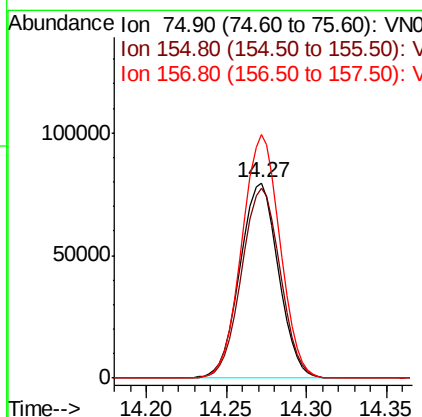
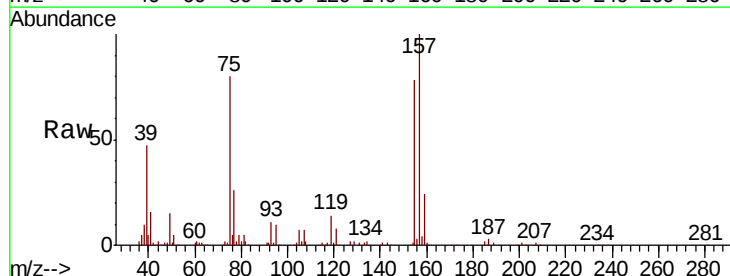
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

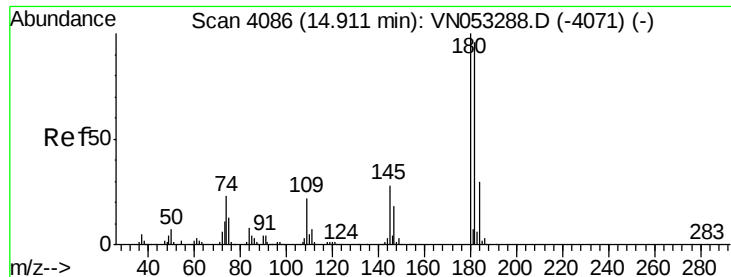
Tgt Ion:146 Resp: 2065394
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.2
 148 64.1 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 79.736 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053289.D
 Acq: 4 Jan 2019 19:02

Tgt Ion: 75 Resp: 130815
 Ion Ratio Lower Upper
 75 100
 155 97.6 48.1 144.3
 157 123.3 61.5 184.4

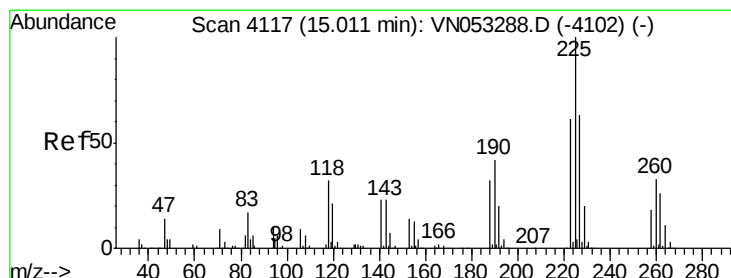
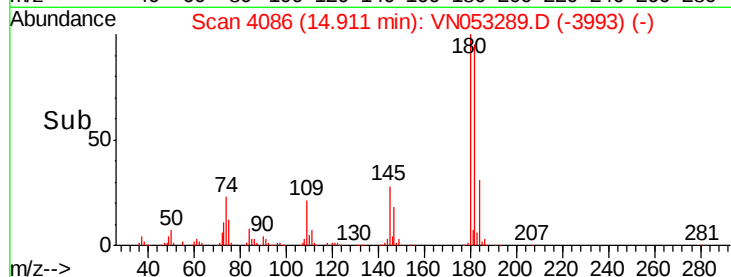
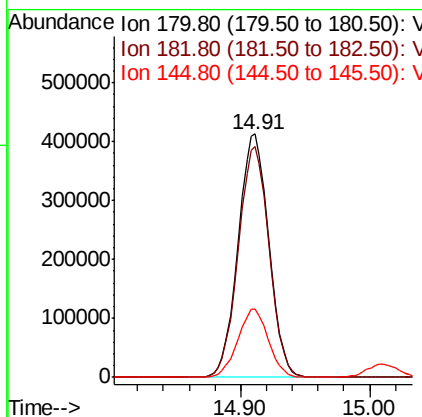
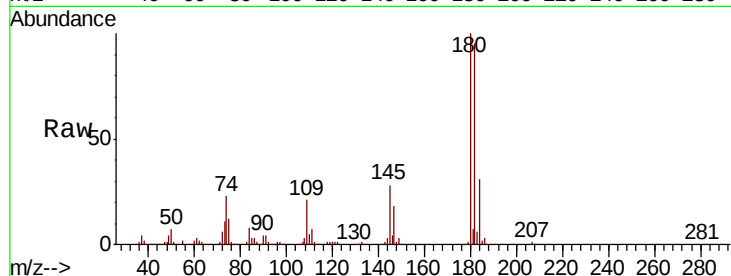




#93
 1,2,4-Trichlorobenzene
 Concen: 56.401 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053289.D
 Acq: 4 Jan 2019 19:02

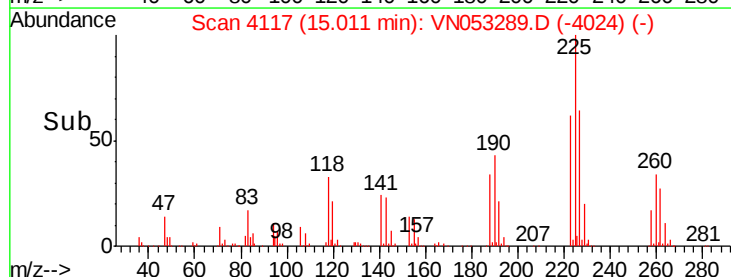
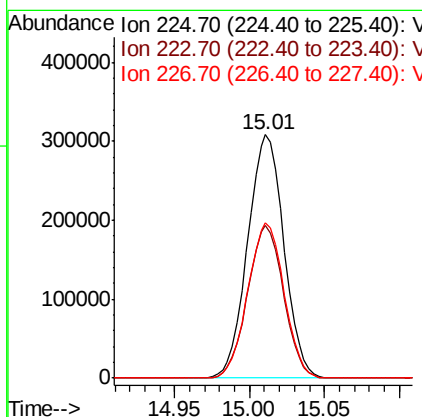
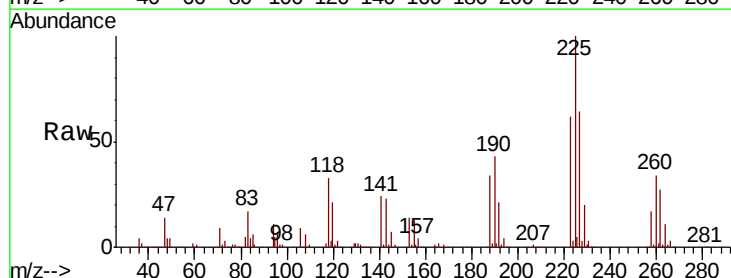
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

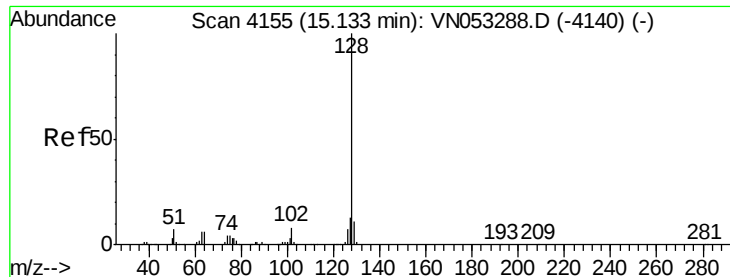
Tgt Ion:180 Resp: 682143
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.8 143.4
 145 27.9 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 70.893 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053289.D
 Acq: 4 Jan 2019 19:02

Tgt Ion:225 Resp: 519055
 Ion Ratio Lower Upper
 225 100
 223 62.3 30.9 92.8
 227 63.9 31.4 94.2

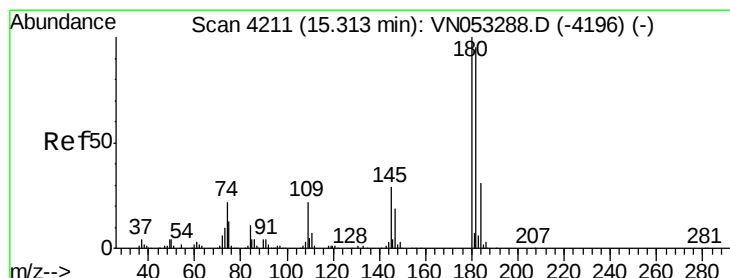
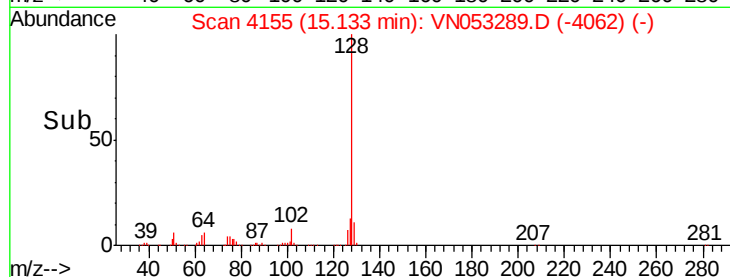
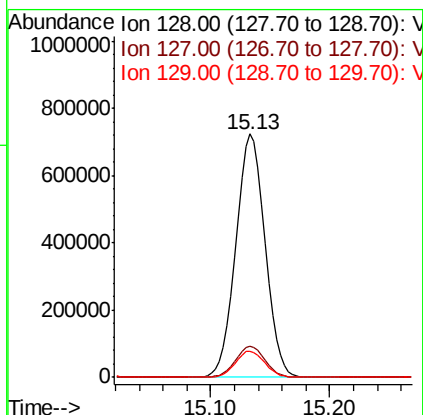
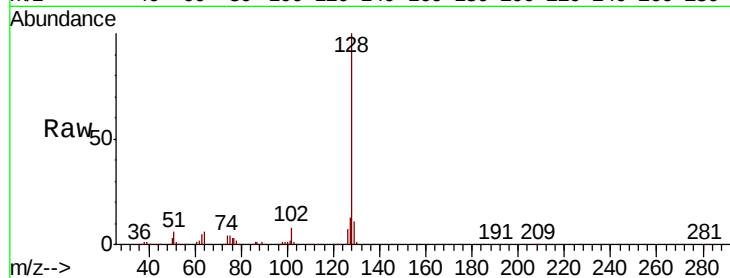




#95
Naphthalene
Concen: 46.862 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 1229325
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 40.836 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN053289.D
Acq: 4 Jan 2019 19:02

Tgt Ion:180 Resp: 448684
Ion Ratio Lower Upper
180 100
182 96.6 48.4 145.0
145 29.8 14.9 44.5

