

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010519\
 Data File : VN053288.D
 Acq On : 4 Jan 2019 18:35
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Jan 05 00:05:59 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	922441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1401790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1255120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	606439	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	472207	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
35) Dibromofluoromethane	7.59	113	396513	59.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.20%	
50) Toluene-d8	10.09	98	1710945	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.40	95	594531	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	418736	45.433	ug/l	100
3) Chloromethane	2.06	50	554997	49.155	ug/l	100
4) Vinyl Chloride	2.19	62	542341	47.620	ug/l	100
5) Bromomethane	2.57	94	340066	43.290	ug/l	100
6) Chloroethane	2.71	64	314964	46.841	ug/l	100
7) Trichlorofluoromethane	3.02	101	683745	48.153	ug/l	100
8) Diethyl Ether	3.41	74	273720	50.661	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	430013	47.417	ug/l	100
10) Methyl Iodide	3.96	142	637403	50.270	ug/l	100
11) Tert butyl alcohol	4.77	59	153193	265.372	ug/l	100
12) 1,1-Dichloroethene	3.74	96	425483	48.590	ug/l	100
13) Acrolein	3.61	56	174892	317.023	ug/l	100
14) Allyl chloride	4.33	41	666039	49.002	ug/l	100
15) Acrylonitrile	4.99	53	873862	270.703	ug/l	100
16) Acetone	3.81	43	583331	302.462	ug/l	100
17) Carbon Disulfide	4.06	76	1297820	45.560	ug/l	100
18) Methyl Acetate	4.33	43	399158	46.505	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1203151	50.970	ug/l	100
20) Methylene Chloride	4.55	84	489762	48.843	ug/l	100
21) trans-1,2-Dichloroethene	5.05	96	456591	48.401	ug/l	100
22) Diisopropyl ether	5.95	45	1492882	51.169	ug/l	100
23) Vinyl Acetate	5.90	43	4796757	278.747	ug/l	100
24) 1,1-Dichloroethane	5.85	63	853287	49.416	ug/l	100
25) 2-Butanone	6.83	43	980404	305.863	ug/l	100
26) 2,2-Dichloropropane	6.83	77	616414	47.092	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	527123	49.326	ug/l	100
28) Bromochloromethane	7.20	49	379254	50.633	ug/l	100
29) Tetrahydrofuran	7.21	42	653456	278.562	ug/l	100
30) Chloroform	7.37	83	836178	49.335	ug/l	100
31) Cyclohexane	7.66	56	804705	42.079	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	698732	48.511	ug/l	100
36) 1,1-Dichloropropene	7.80	75	648567	48.265	ug/l	100
37) Ethyl Acetate	6.93	43	431449	56.284	ug/l	100
38) Carbon Tetrachloride	7.78	117	606325	49.262	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	757710	46.656	ug/l	100
40) Benzene	8.04	78	1993402	49.711	ug/l	100
41) Methacrylonitrile	7.21	41	611422	140.193	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	585698	49.533	ug/l	100
43) Isopropyl Acetate	8.16	43	779445	46.243	ug/l	100
44) Trichloroethene	8.84	130	543474	47.335	ug/l	100
45) 1,2-Dichloropropane	9.12	63	522824	50.067	ug/l	100
46) Dibromomethane	9.21	93	308223	50.537	ug/l	100
47) Bromodichloromethane	9.40	83	635546	49.273	ug/l	100
48) Methyl methacrylate	9.20	41	390327	52.922	ug/l	100
49) 1,4-Dioxane	9.20	88	90406	976.818	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	2166909	290.060	ug/l	100
52) Toluene	10.16	92	1245588	50.108	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	668941	49.398	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	771848	49.682	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	447211	51.344	ug/l	100
56) Ethyl methacrylate	10.43	69	613631	53.059	ug/l	100
57) 1,3-Dichloropropane	10.71	76	755765	50.834	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1639205	259.995	ug/l	100
59) 2-Hexanone	10.75	43	1501239	295.327	ug/l	100
60) Dibromochloromethane	10.90	129	499921	50.369	ug/l	100
61) 1,2-Dibromoethane	11.01	107	452864	51.265	ug/l	100
64) Tetrachloroethene	10.63	164	596123	44.770	ug/l	100
65) Chlorobenzene	11.44	112	1363685	49.032	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	480954	49.707	ug/l	100
67) Ethyl Benzene	11.51	91	2358354	49.322	ug/l	100
68) m/p-Xylenes	11.62	106	1797935	98.860	ug/l	100
69) o-Xylene	11.95	106	871154	49.963	ug/l	100
70) Styrene	11.97	104	1443450	50.704	ug/l	100
71) Bromoform	12.13	173	347461	49.838	ug/l	100
73) Isopropylbenzene	12.25	105	2297851	48.519	ug/l	100
74) N-amyl acetate	12.07	43	701688	52.754	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	508631	53.346	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	694663	69.388	ug/l #	100
77) Bromobenzene	12.53	156	600908	48.736	ug/l	100
78) n-propylbenzene	12.59	91	2619797	48.584	ug/l	100
79) 2-Chlorotoluene	12.68	91	1547673	46.275	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1850192	47.985	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	160519	50.776	ug/l	100
82) 4-Chlorotoluene	12.77	91	1586271	48.420	ug/l	100
83) tert-Butylbenzene	12.99	119	1596178	46.872	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1885752	48.626	ug/l	100
85) sec-Butylbenzene	13.17	105	2131234	46.365	ug/l	100
86) p-Isopropyltoluene	13.29	119	1871060	47.104	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1051091	48.240	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1037856	46.998	ug/l	100
89) n-Butylbenzene	13.62	91	1548933	45.412	ug/l	100
90) Hexachloroethane	13.88	117	298110	48.640	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	997153	48.580	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	66520	42.444	ug/l	100

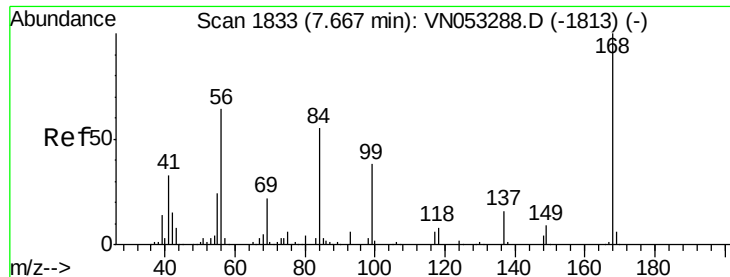
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010519\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	330429	28.599	ug/l	100
94) Hexachlorobutadiene	15.01	225	261946	37.451	ug/l	100
95) Naphthalene	15.13	128	573555	22.887	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	212550	20.250	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: VN053288.D

Acq: 4 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

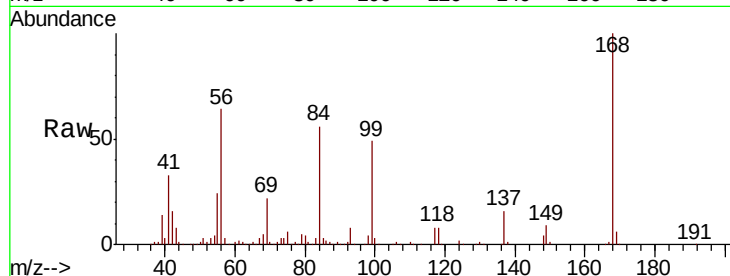
VSTDICCC050

Tgt Ion: 168 Resp: 922441

Ion Ratio Lower Upper

168 100

99 48.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053288.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN053288.D (-1813) (-)

7.67

400000

300000

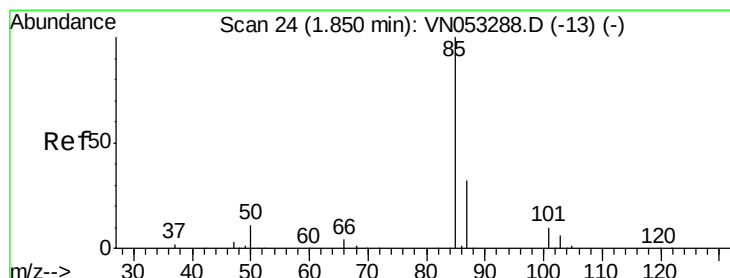
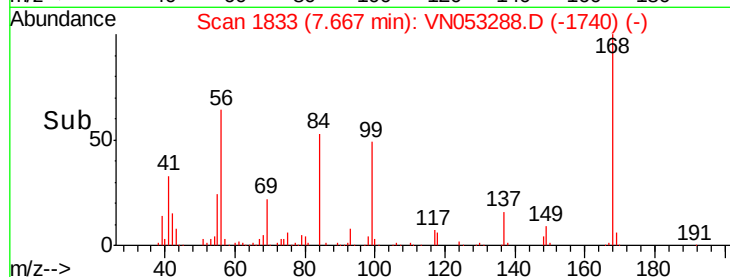
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.433 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053288.D

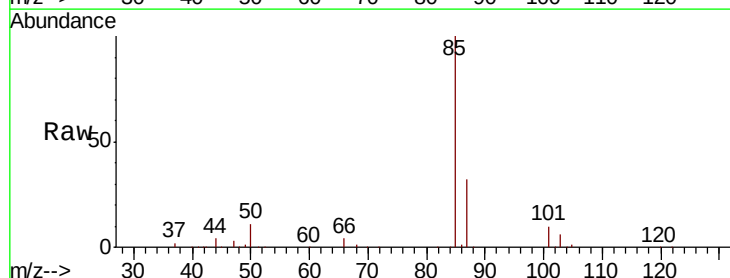
Acq: 4 Jan 2019 18:35

Tgt Ion: 85 Resp: 418736

Ion Ratio Lower Upper

85 100

87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN053288.D (-13) (-)

Ion 86.90 (86.60 to 87.60): VN053288.D (-13) (-)

1.85

300000

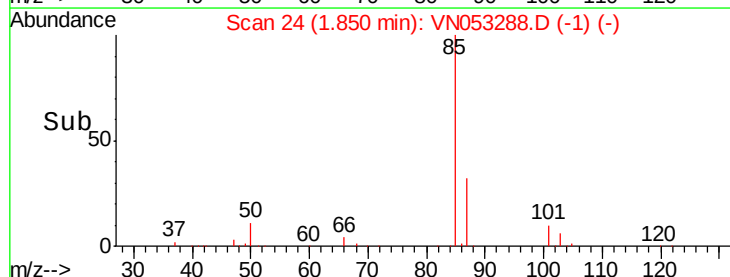
200000

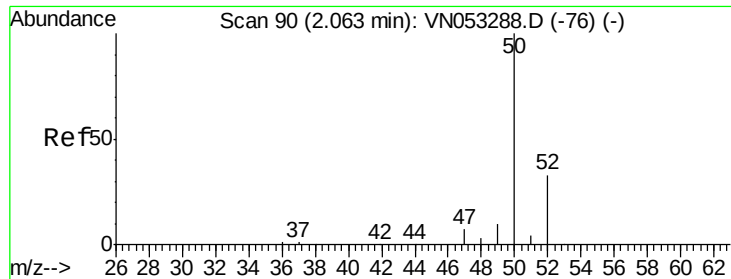
100000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 49.155 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

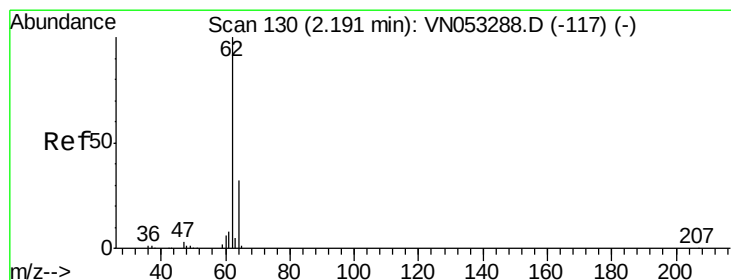
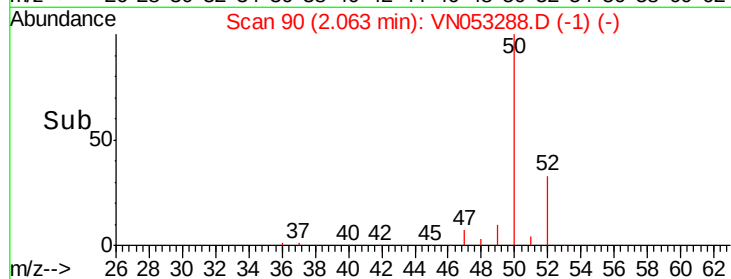
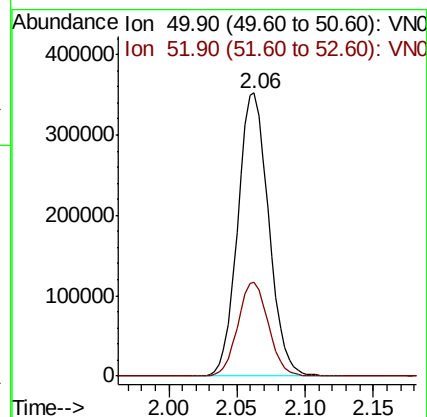
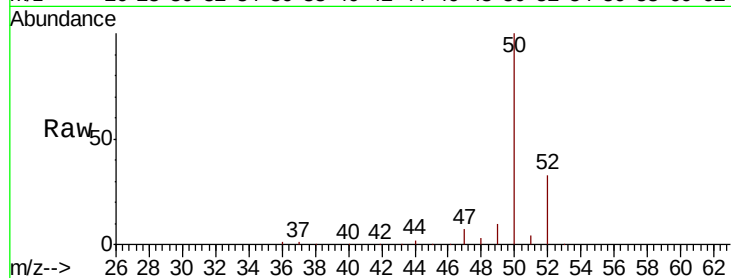
VSTDICCC050

Tgt Ion: 50 Resp: 554997

Ion Ratio Lower Upper

50 100

52 33.3 26.6 40.0



#4

Vinyl Chloride

Concen: 47.620 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN053288.D

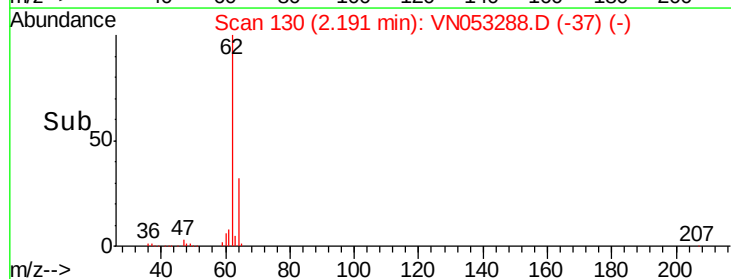
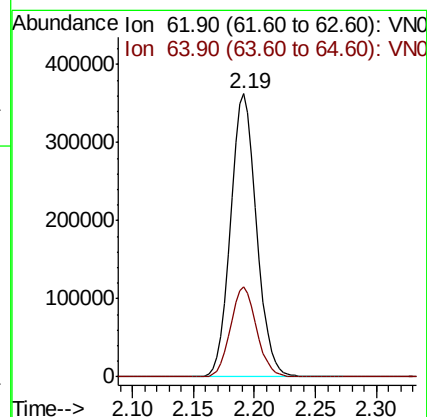
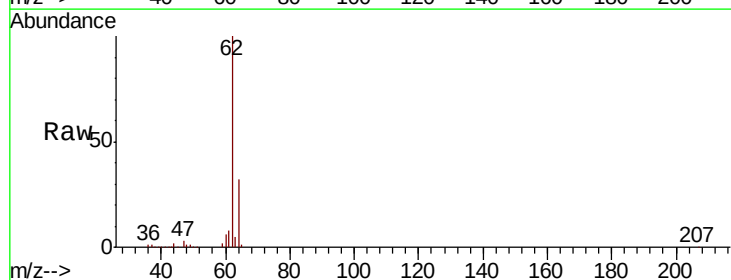
Acq: 4 Jan 2019 18:35

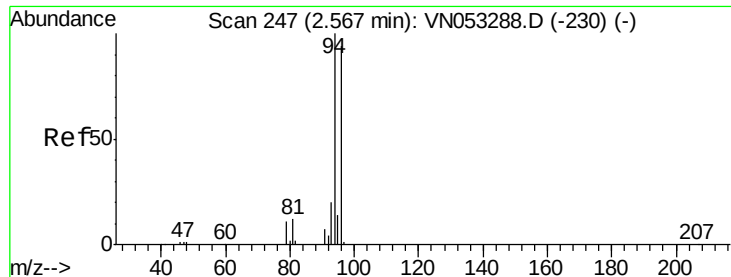
Tgt Ion: 62 Resp: 542341

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 43.290 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

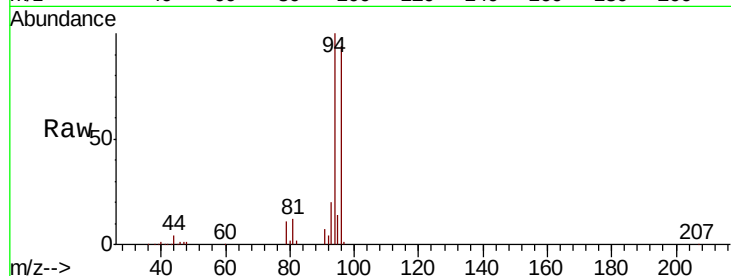
VSTDICCC050

Tgt Ion: 94 Resp: 340066

Ion Ratio Lower Upper

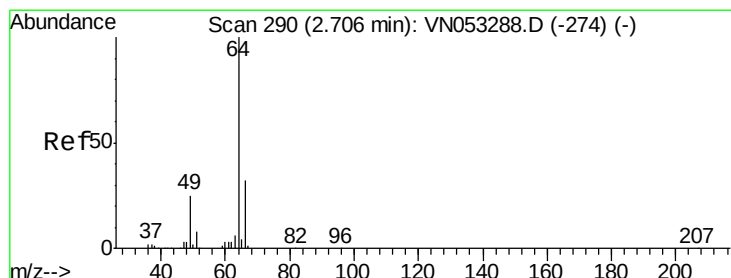
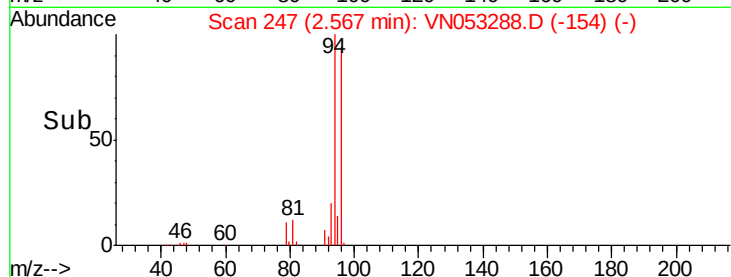
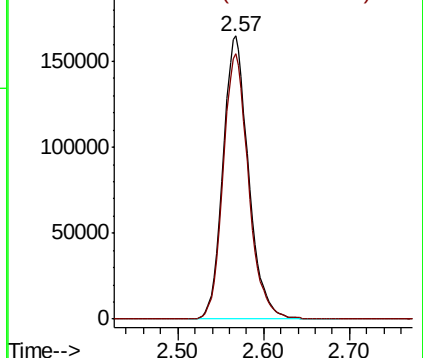
94 100

96 93.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 46.841 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN053288.D

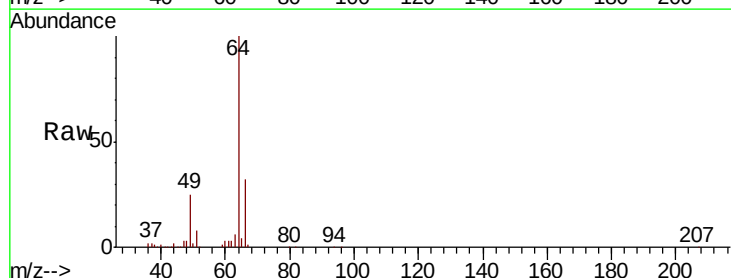
Acq: 4 Jan 2019 18:35

Tgt Ion: 64 Resp: 314964

Ion Ratio Lower Upper

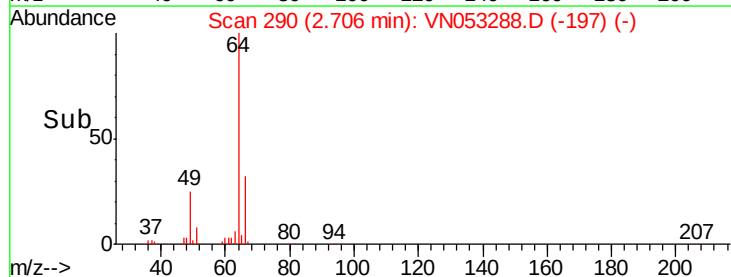
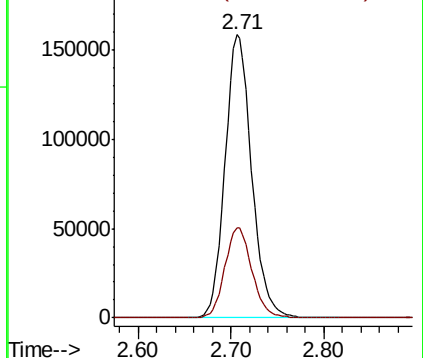
64 100

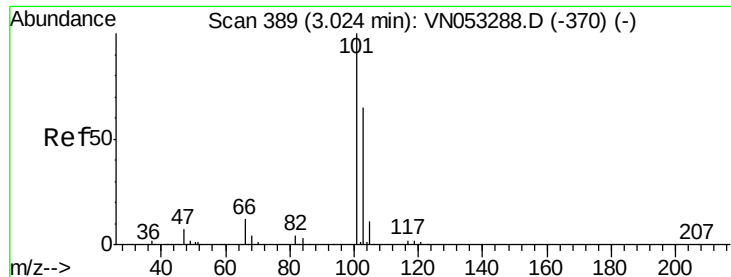
66 32.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



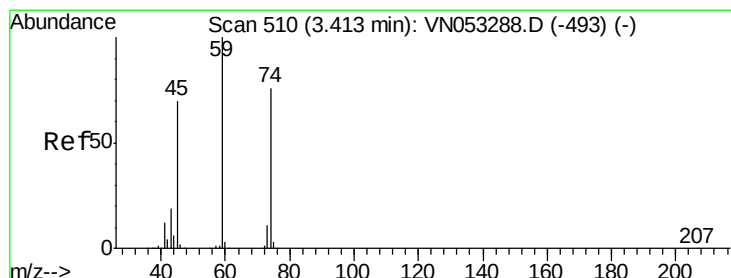
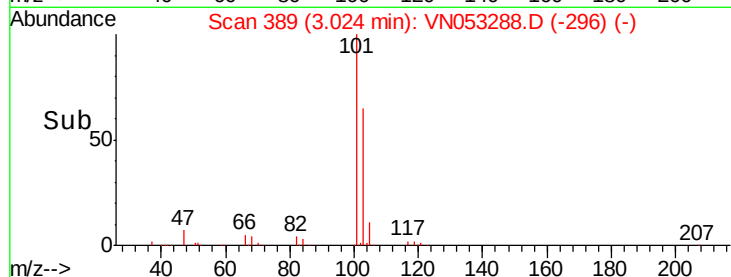
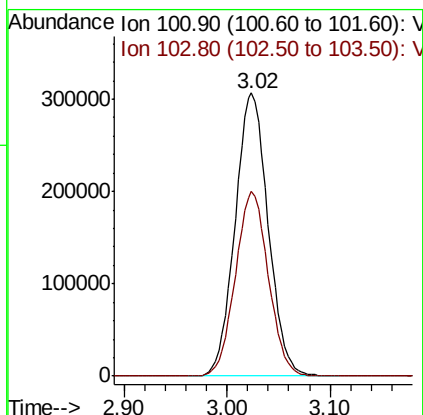
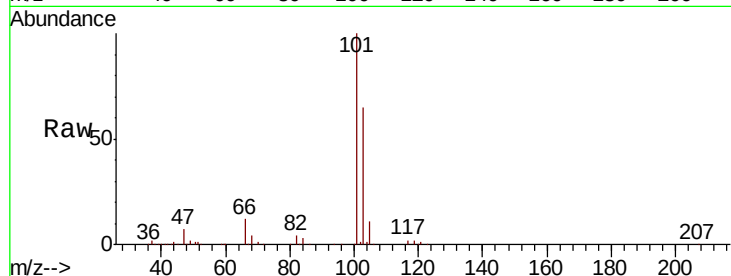


#7

Trichlorofluoromethane
 Concen: 48.153 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN053288.D
 Acq: 4 Jan 2019 18:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

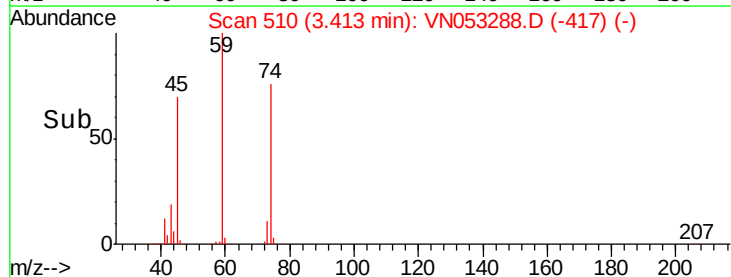
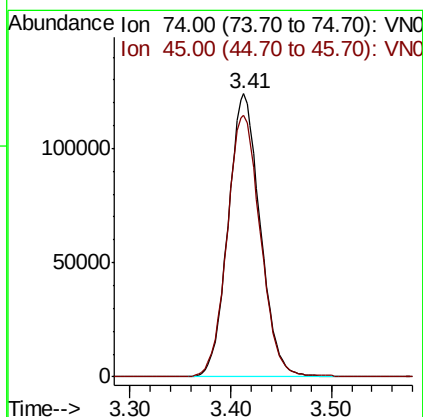
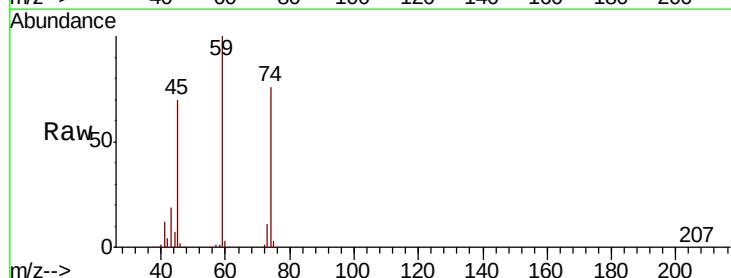
Tgt Ion:101 Resp: 683745
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.1 78.1

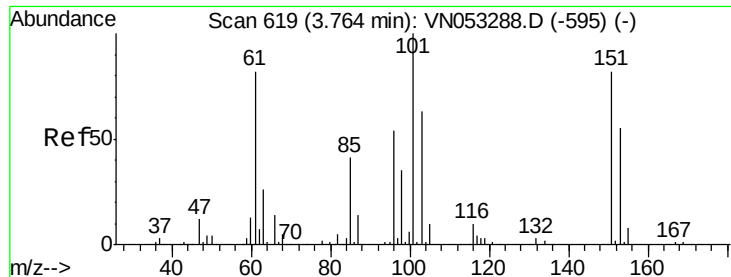


#8

Diethyl Ether
 Concen: 50.661 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN053288.D
 Acq: 4 Jan 2019 18:35

Tgt Ion: 74 Resp: 273720
 Ion Ratio Lower Upper
 74 100
 45 96.6 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.417 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

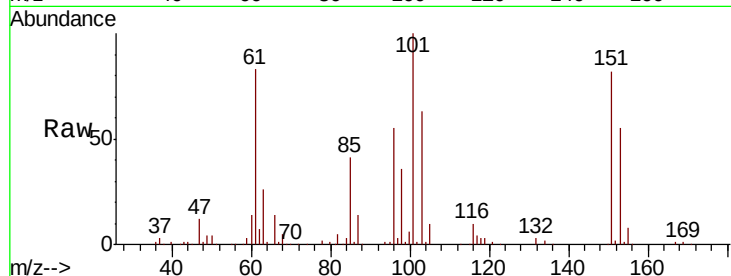
Tgt Ion:101 Resp: 430013

Ion Ratio Lower Upper

101 100

85 41.6 33.3 49.9

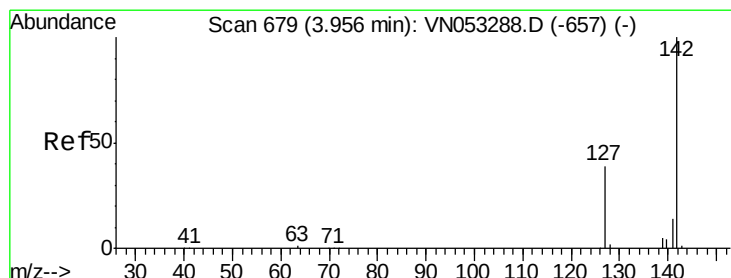
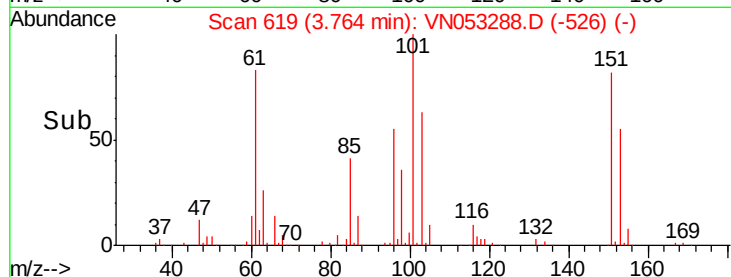
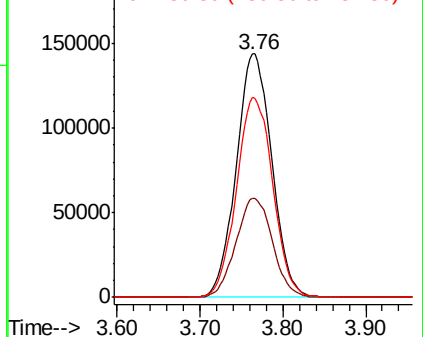
151 83.7 67.0 100.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.270 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

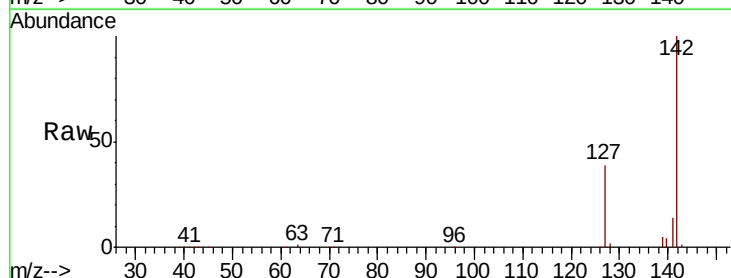
Tgt Ion:142 Resp: 637403

Ion Ratio Lower Upper

142 100

127 38.6 30.9 46.3

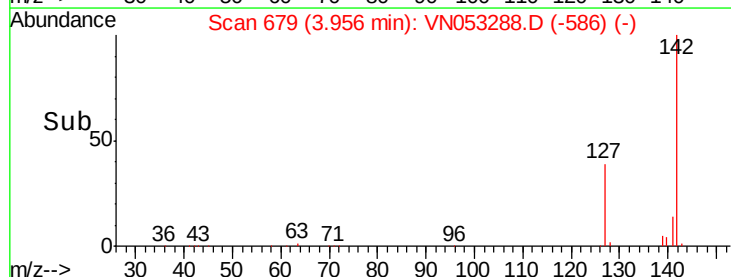
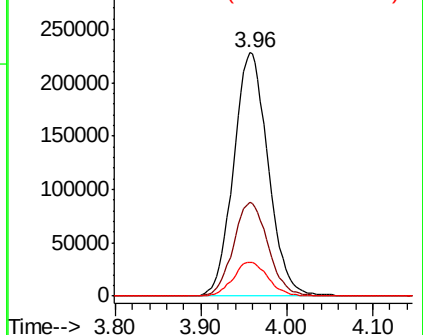
141 14.0 11.2 16.8

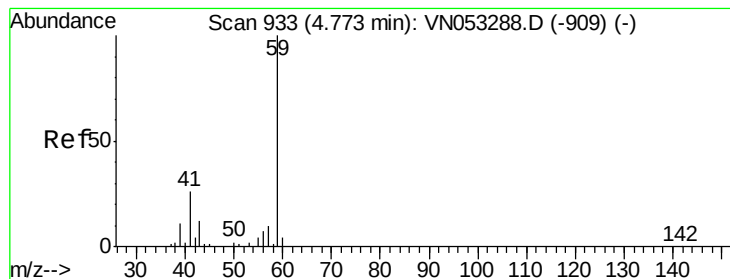


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



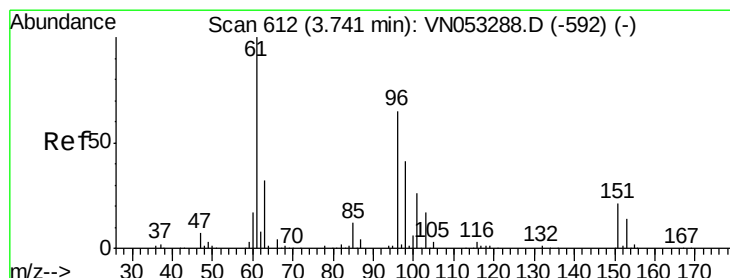
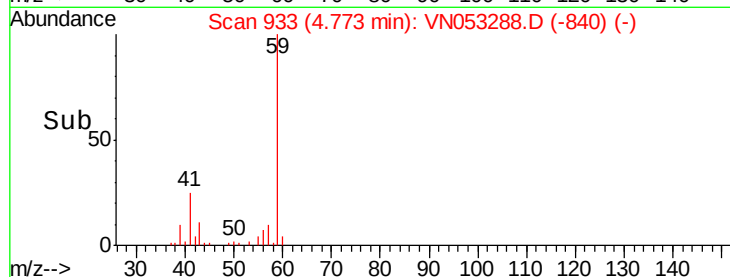
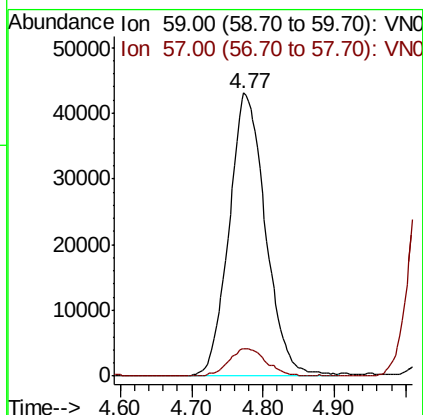
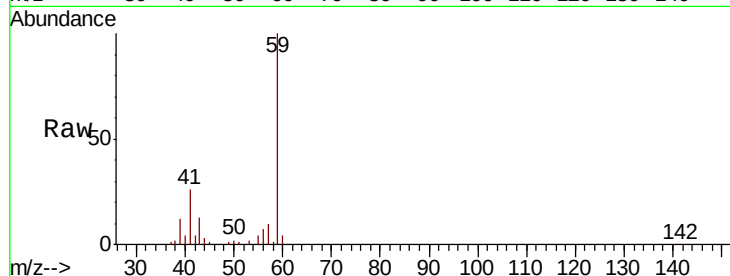


#11

Tert butyl alcohol
 Concen: 265.372 ug/l
 RT: 4.77 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: VN053288.D
 Acq: 4 Jan 2019 18:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

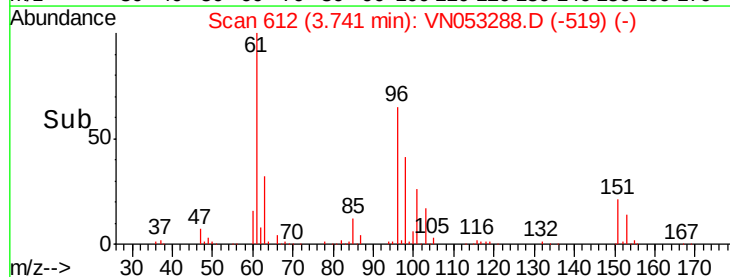
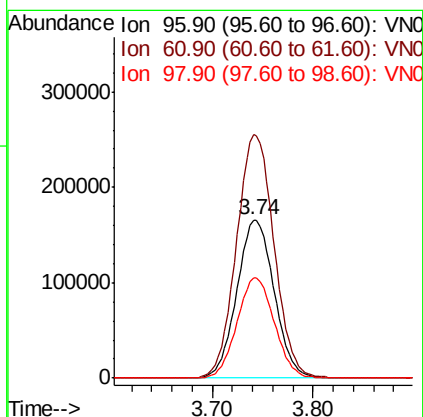
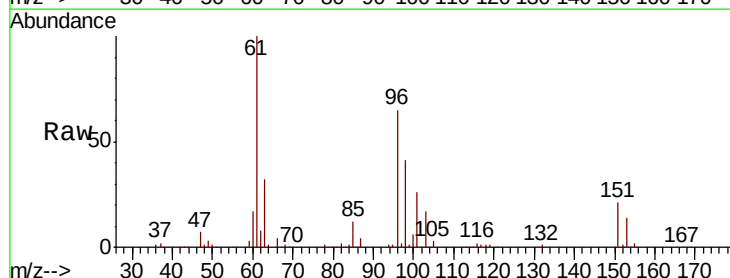
Tgt Ion: 59 Resp: 153193
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.0 12.0

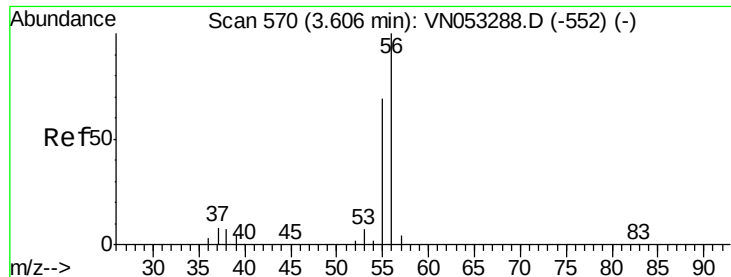


#12

1,1-Dichloroethene
 Concen: 48.590 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VN053288.D
 Acq: 4 Jan 2019 18:35

Tgt Ion: 96 Resp: 425483
 Ion Ratio Lower Upper
 96 100
 61 154.0 123.2 184.8
 98 63.1 50.5 75.7





#13

Acrolein

Concen: 317.023 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

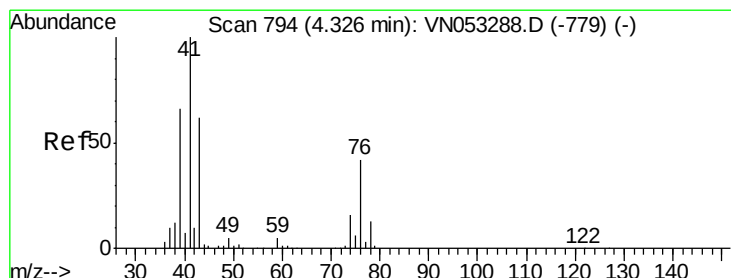
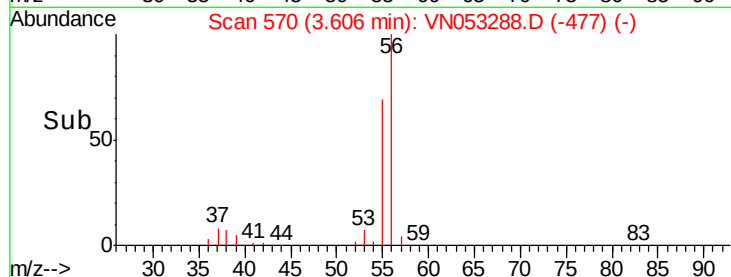
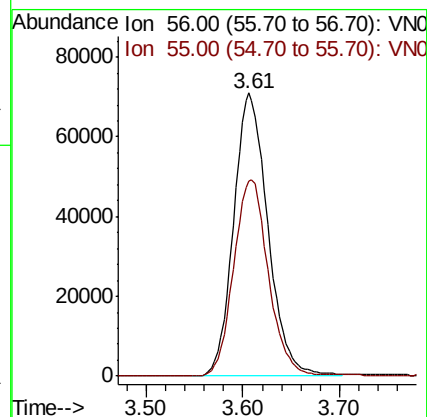
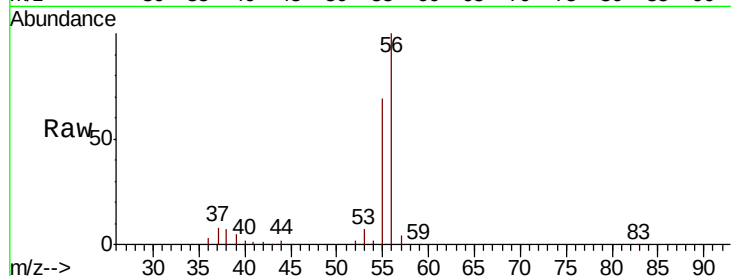
VSTDICCC050

Tgt Ion: 56 Resp: 174892

Ion Ratio Lower Upper

56 100

55 70.4 56.3 84.5



#14

Allyl chloride

Concen: 49.002 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

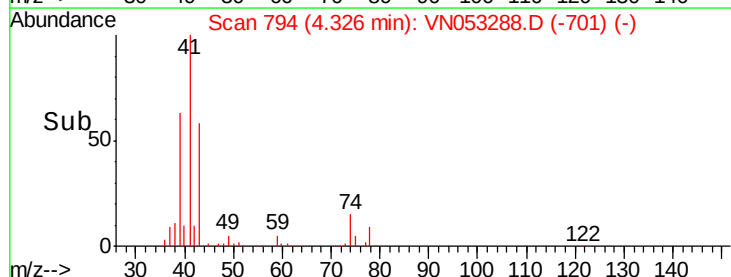
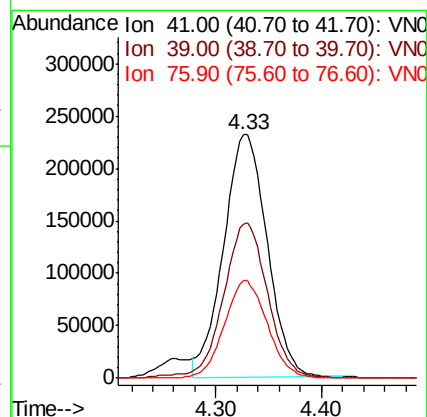
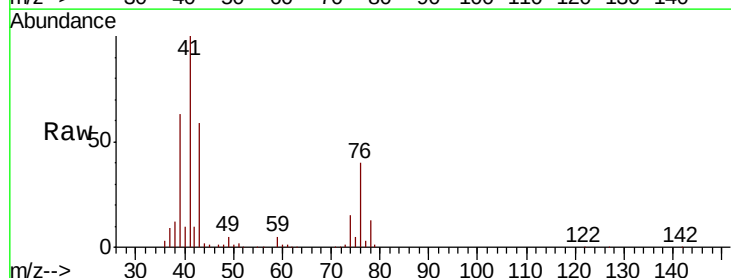
Tgt Ion: 41 Resp: 666039

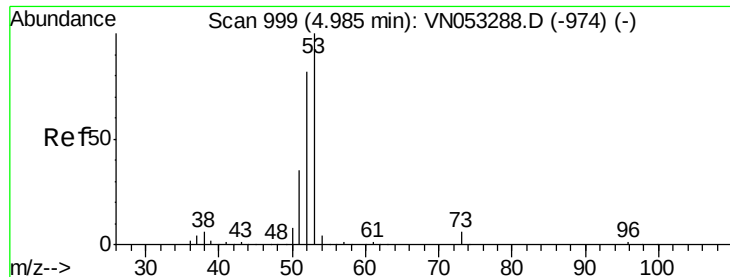
Ion Ratio Lower Upper

41 100

39 64.9 51.9 77.9

76 39.0 31.2 46.8





#15

Acrylonitrile

Concen: 270.703 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

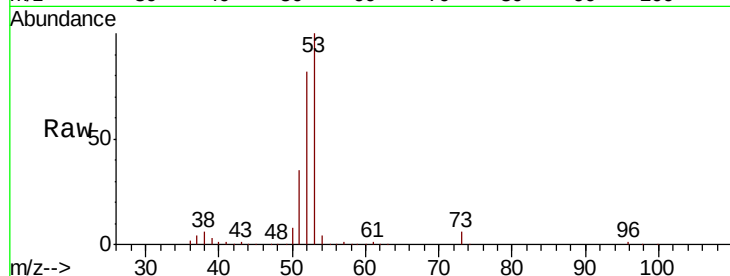
Tgt Ion: 53 Resp: 873862

Ion Ratio Lower Upper

53 100

52 81.5 65.2 97.8

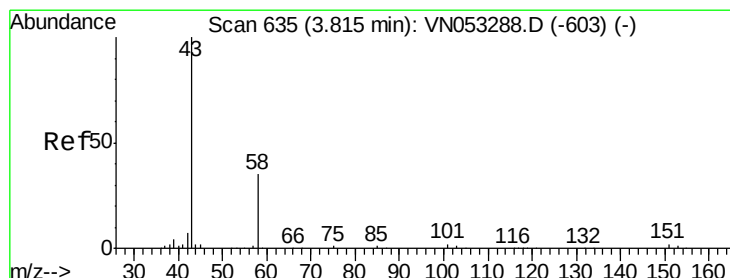
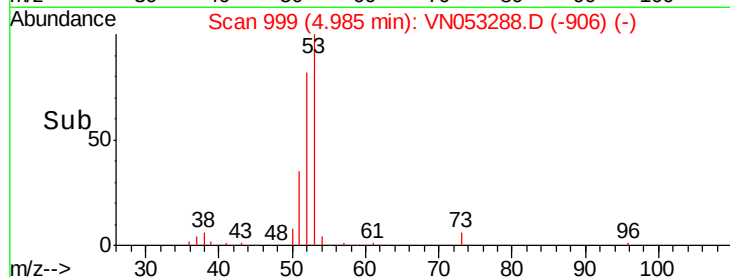
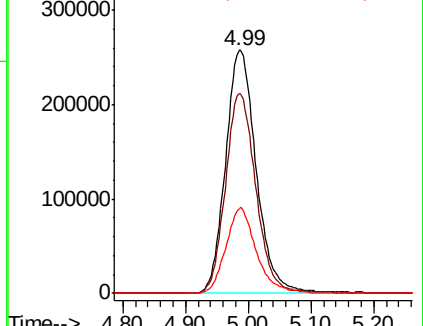
51 35.0 28.0 42.0



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: 302.462 ug/l

RT: 3.81 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053288.D

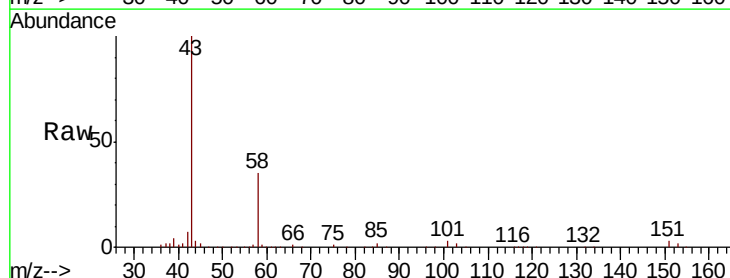
Acq: 4 Jan 2019 18:35

Tgt Ion: 43 Resp: 583331

Ion Ratio Lower Upper

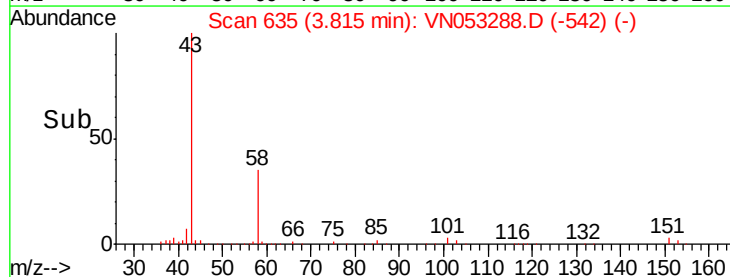
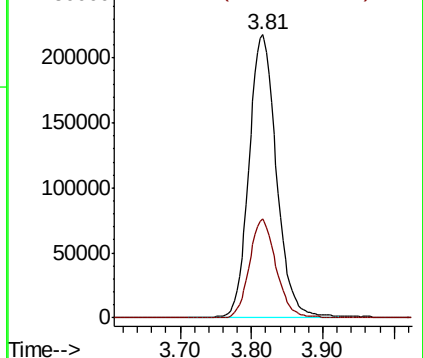
43 100

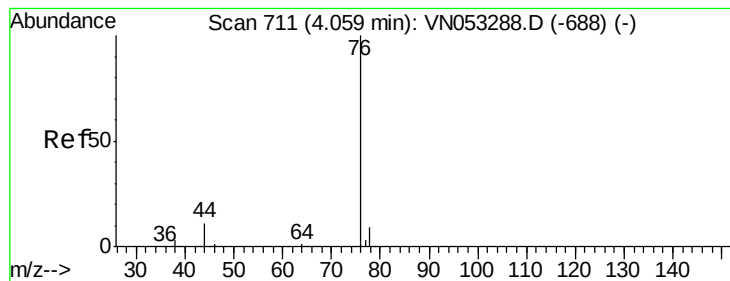
58 34.7 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 45.560 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampled :

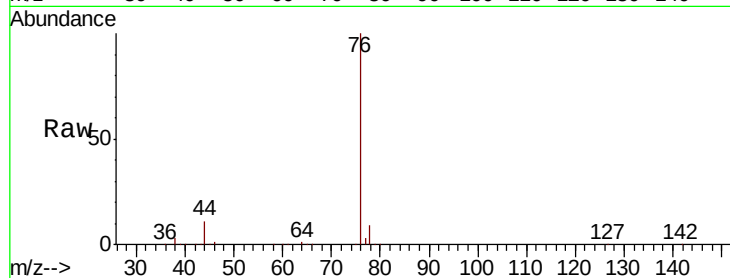
VSTDICCC050

Tgt Ion: 76 Resp: 1297820

Ion Ratio Lower Upper

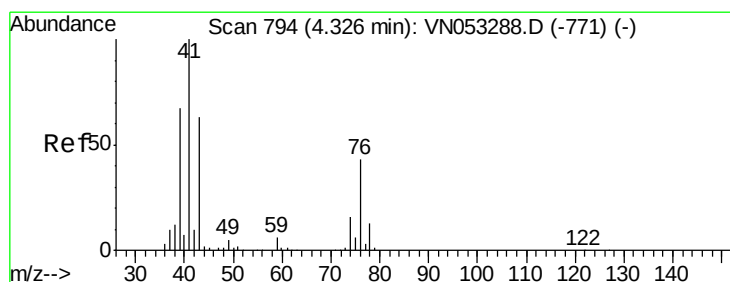
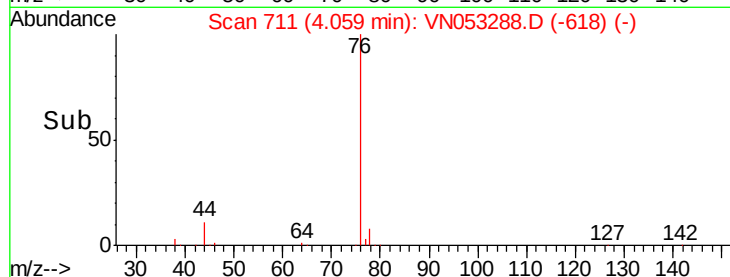
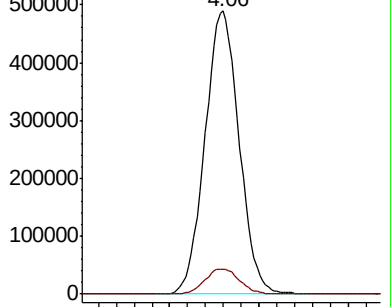
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 46.505 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053288.D

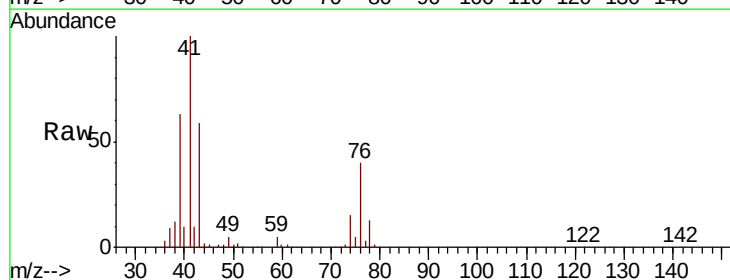
Acq: 4 Jan 2019 18:35

Tgt Ion: 43 Resp: 399158

Ion Ratio Lower Upper

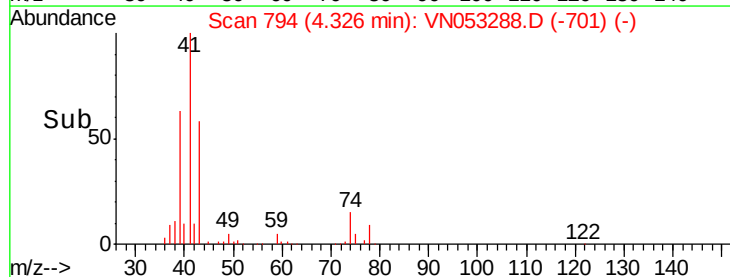
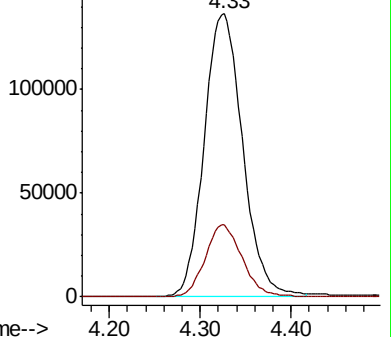
43 100

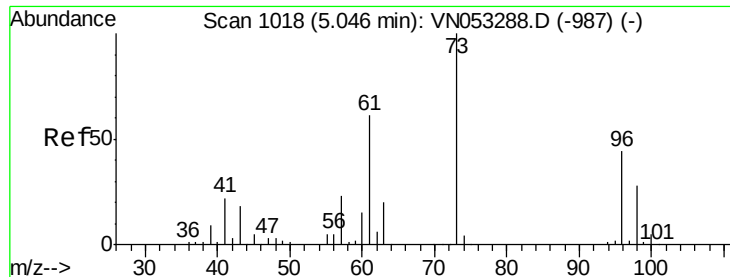
74 24.8 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

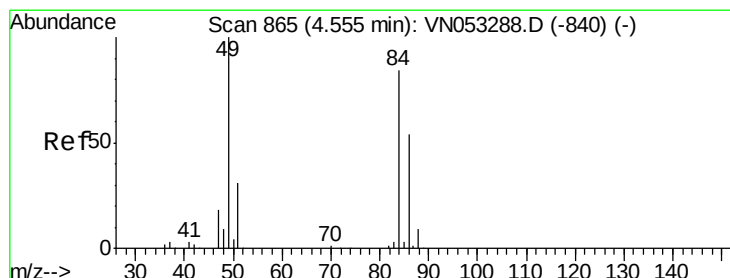
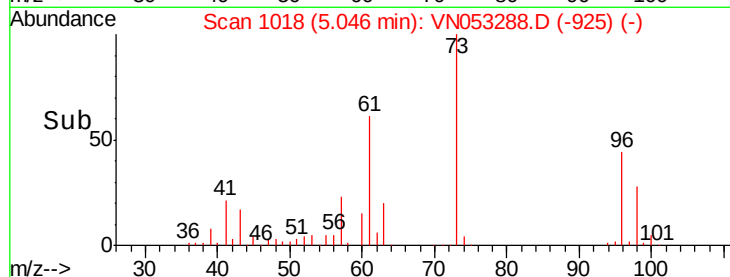
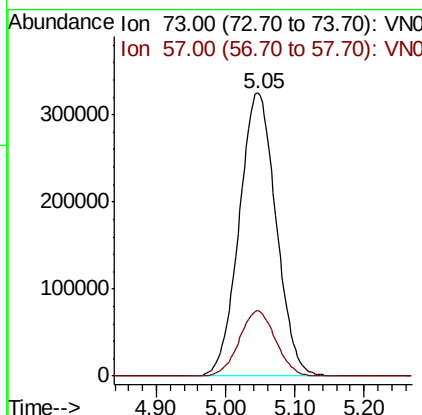
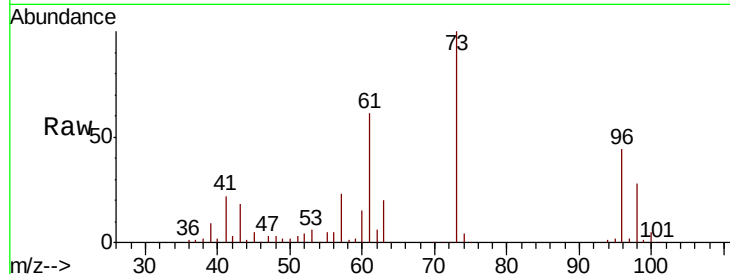




#19
Methyl tert-butyl Ether
Concen: 50.970 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053288.D
Acq: 4 Jan 2019 18:35

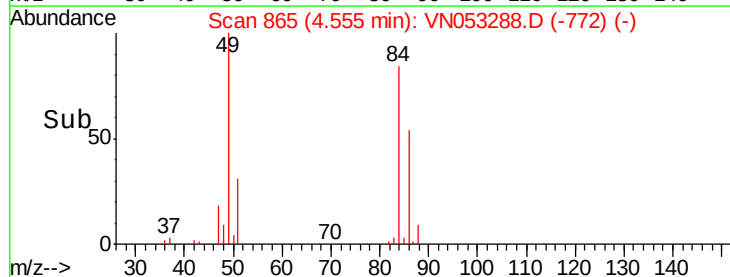
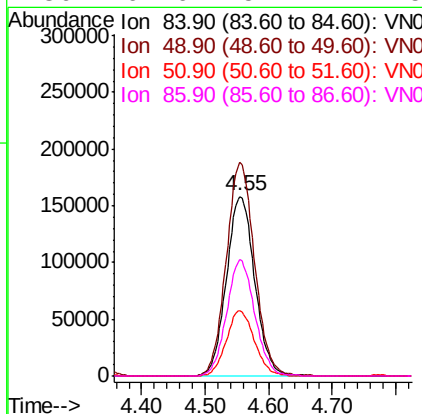
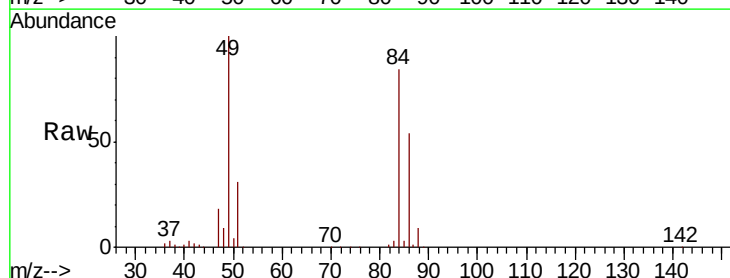
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

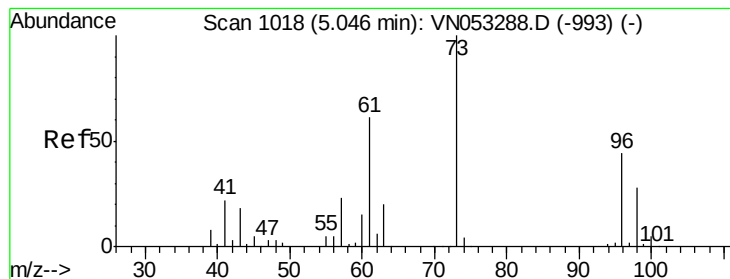
Tgt Ion: 73 Resp: 1203151
Ion Ratio Lower Upper
73 100
57 23.1 18.5 27.7



#20
Methylene Chloride
Concen: 48.843 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053288.D
Acq: 4 Jan 2019 18:35

Tgt Ion: 84 Resp: 489762
Ion Ratio Lower Upper
84 100
49 119.1 95.3 142.9
51 36.3 29.0 43.6
86 64.6 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 48.401 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

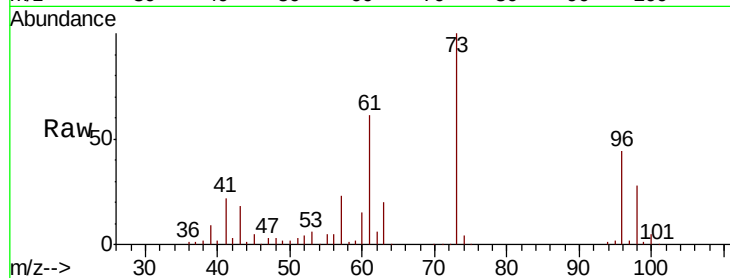
Tgt Ion: 96 Resp: 456591

Ion Ratio Lower Upper

96 100

61 137.8 110.2 165.4

98 63.4 50.7 76.1

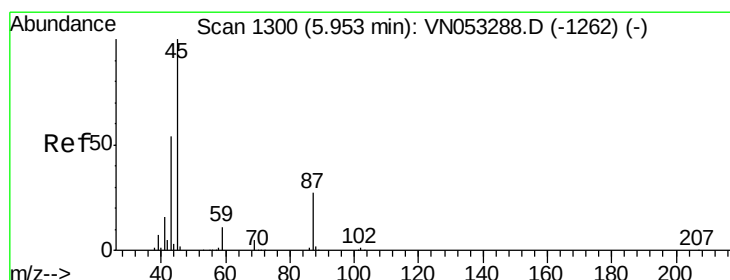
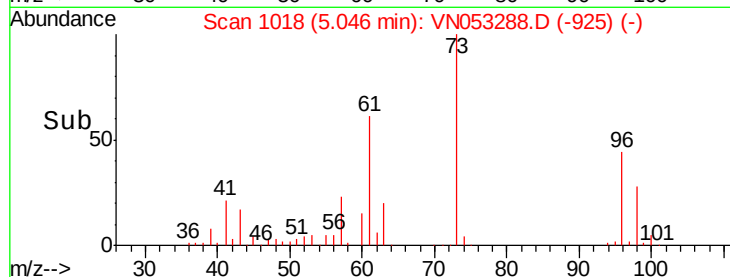
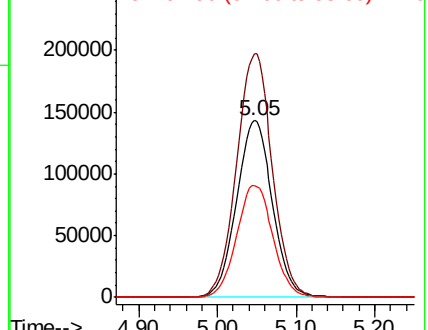


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 51.169 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

Tgt Ion: 45 Resp: 1492882

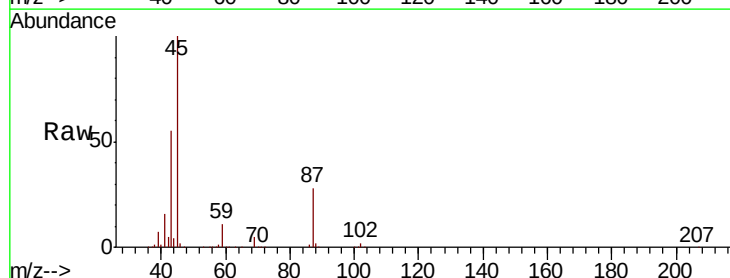
Ion Ratio Lower Upper

45 100

43 53.8 43.0 64.6

87 27.6 22.1 33.1

59 11.2 9.0 13.4



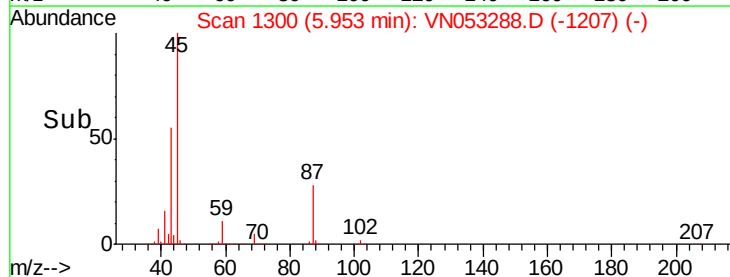
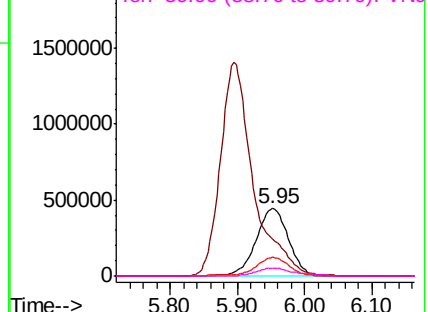
Abundance

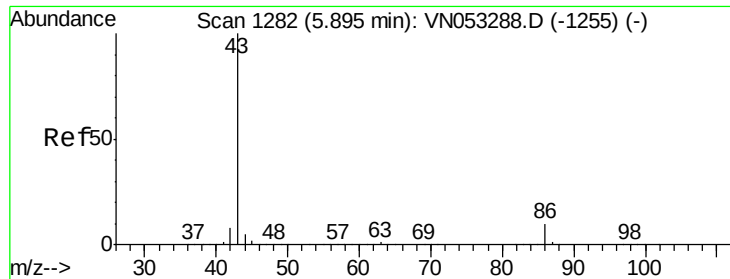
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 278.747 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

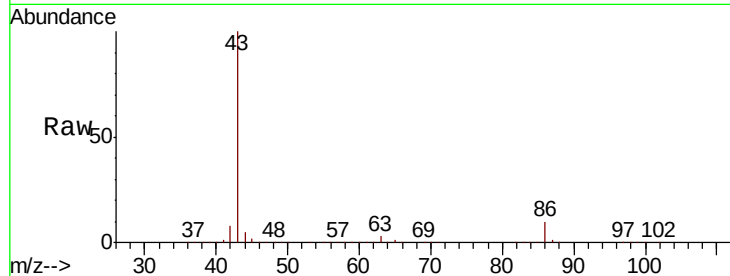
VSTDICCC050

Tgt Ion: 43 Resp: 4796757

Ion Ratio Lower Upper

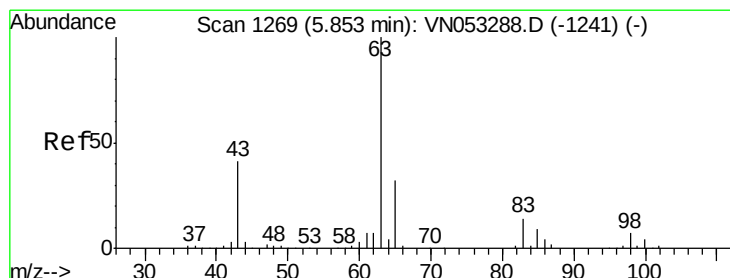
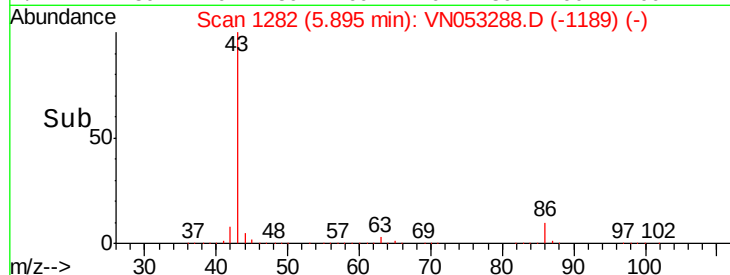
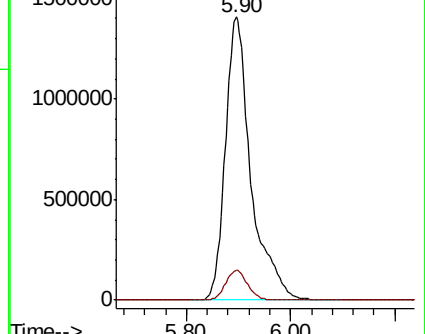
43 100

86 10.5 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: 49.416 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

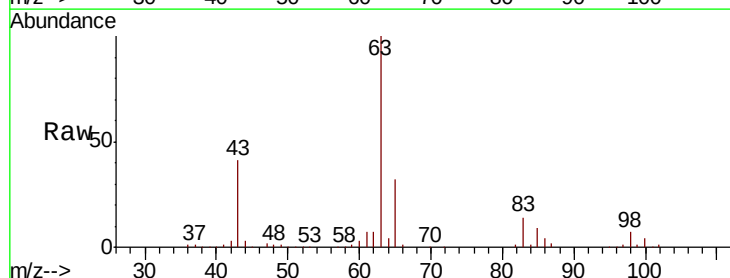
Tgt Ion: 63 Resp: 853287

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

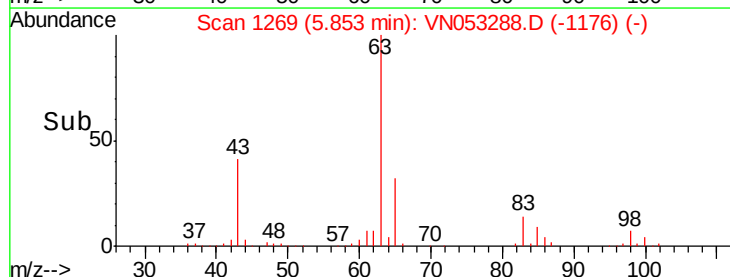
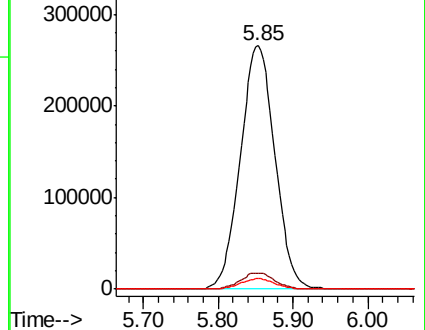
100 4.3 2.1 6.5

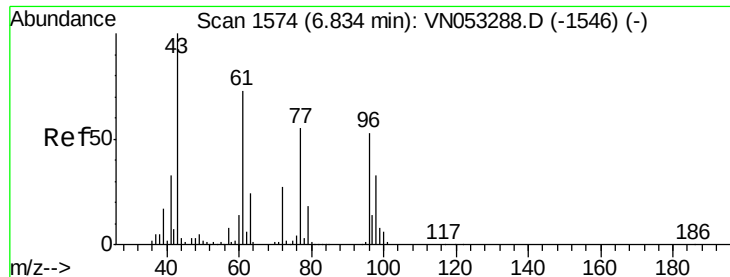


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 305.863 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

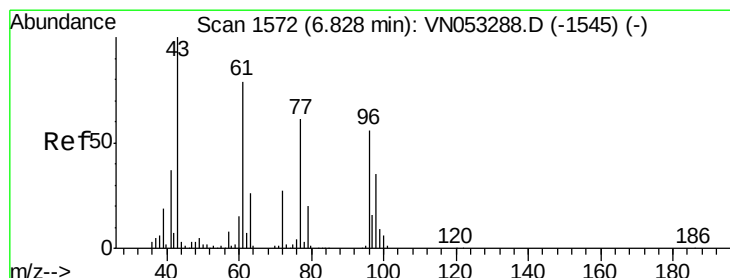
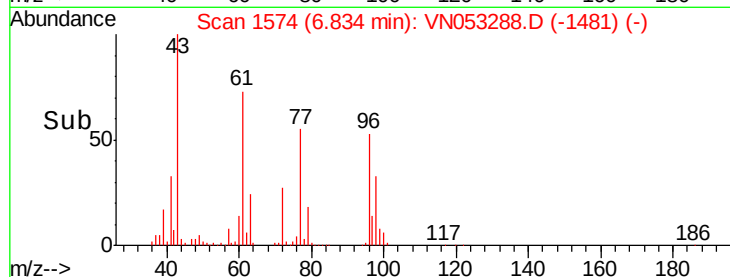
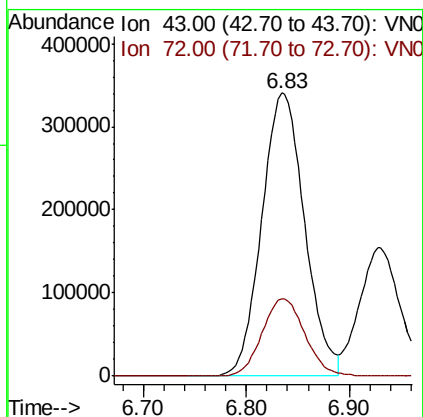
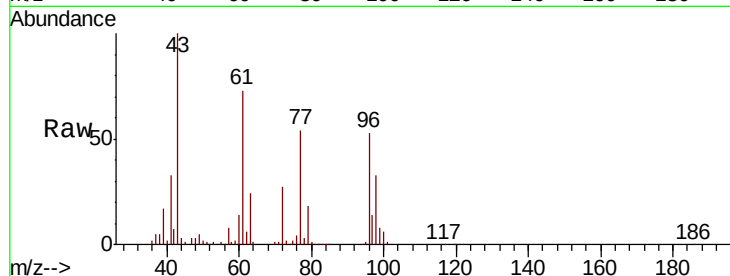
VSTDICCC050

Tgt Ion: 43 Resp: 980404

Ion Ratio Lower Upper

43 100

72 27.5 22.0 33.0



#26

2,2-Dichloropropane

Concen: 47.092 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN053288.D

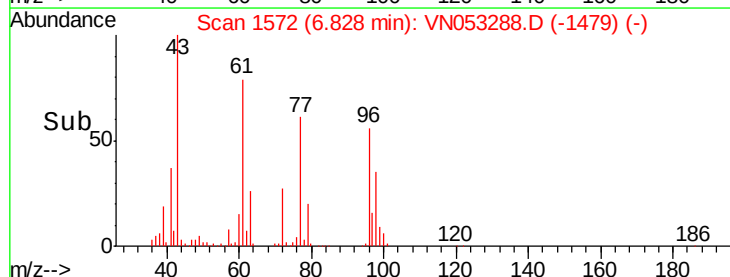
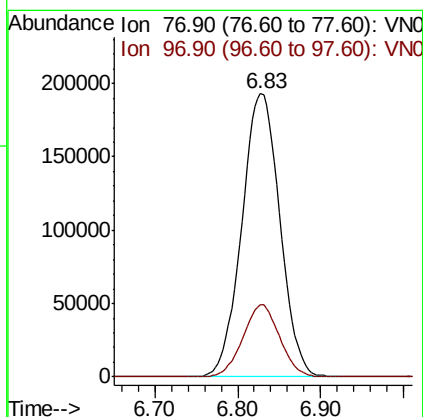
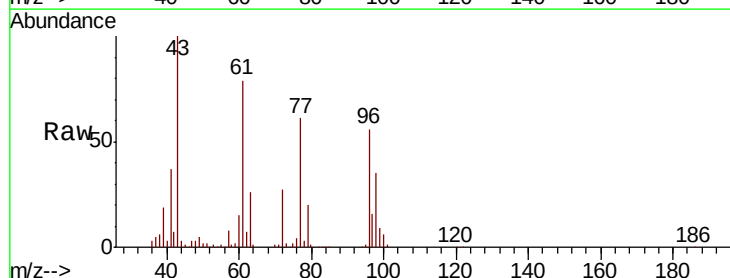
Acq: 4 Jan 2019 18:35

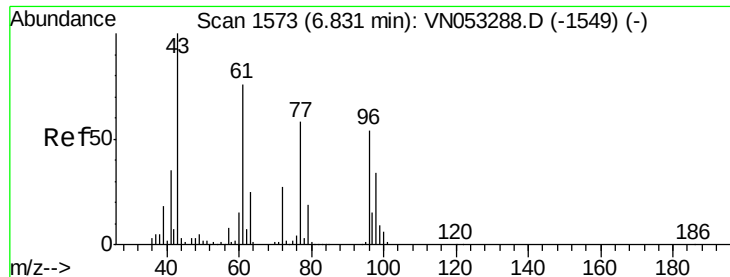
Tgt Ion: 77 Resp: 616414

Ion Ratio Lower Upper

77 100

97 24.6 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 49.326 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

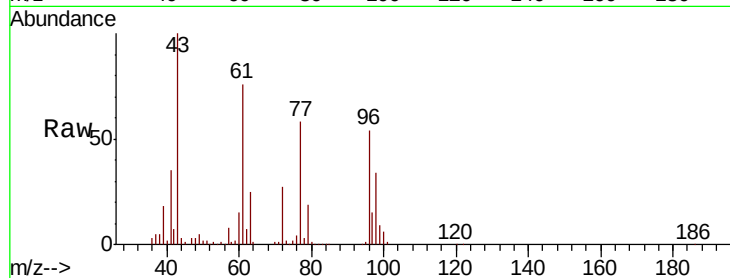
Tgt Ion: 96 Resp: 527123

Ion Ratio Lower Upper

96 100

61 140.3 0.0 280.6

98 63.8 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VN053288.D (-1549) (-)

Ion 60.90 (60.60 to 61.60): VN053288.D (-1549) (-)

Ion 97.90 (97.60 to 98.60): VN053288.D (-1549) (-)

300000

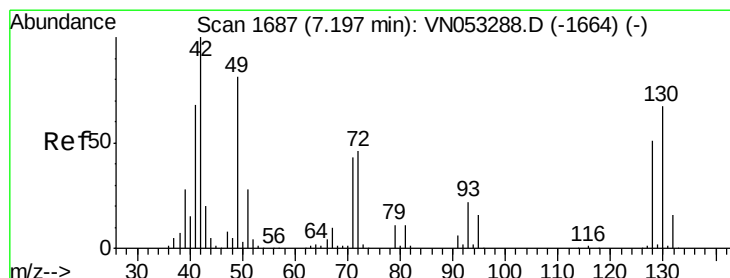
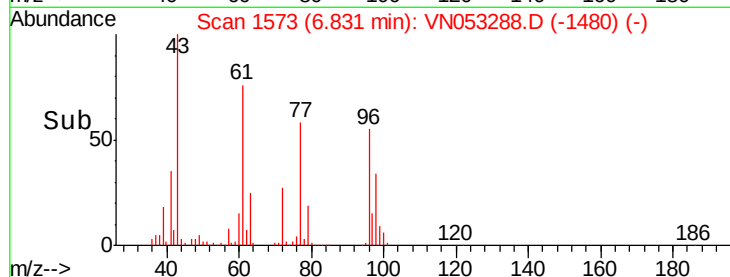
200000

100000

0

6.70 6.80 6.90

Time-->



#28

Bromochloromethane

Concen: 50.633 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

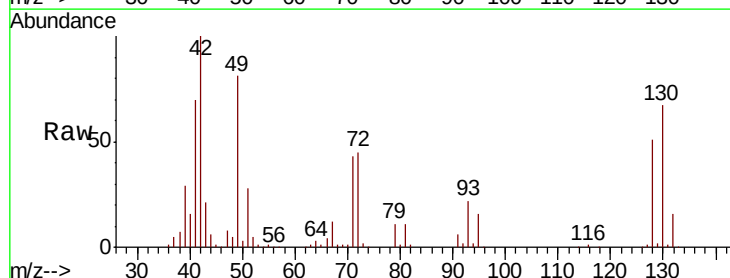
Tgt Ion: 49 Resp: 379254

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 81.7 65.4 98.0



Abundance Ion 48.90 (48.60 to 49.60): VN053288.D (-1664) (-)

Ion 128.80 (128.50 to 129.50): VN053288.D (-1664) (-)

Ion 129.80 (129.50 to 130.50): VN053288.D (-1664) (-)

150000

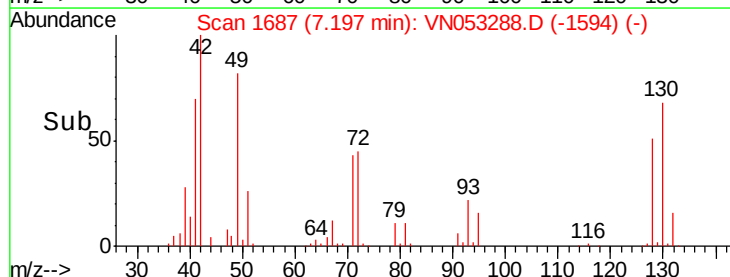
100000

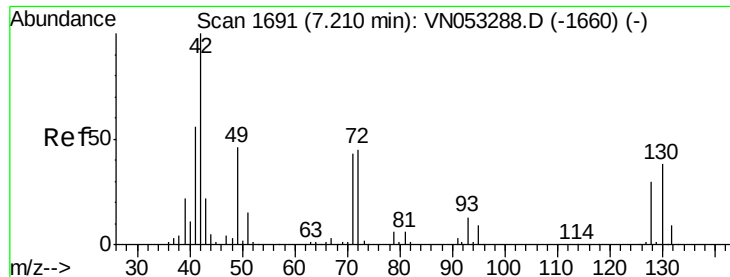
50000

0

7.10 7.20 7.30

Time-->

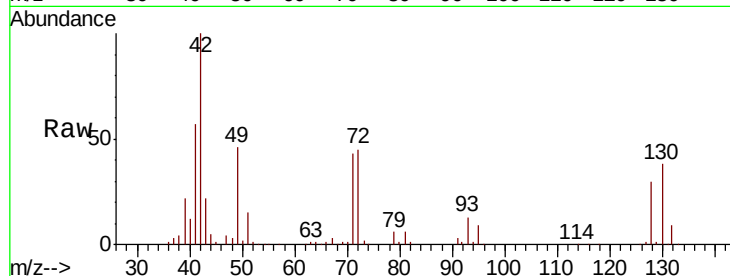




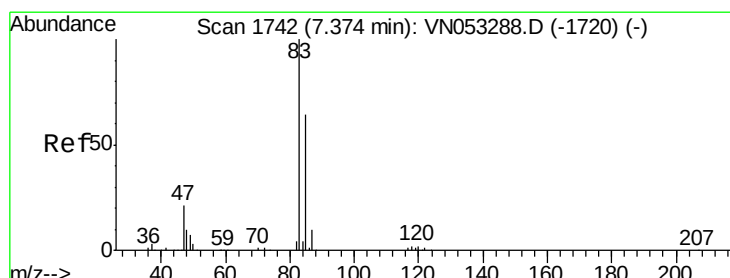
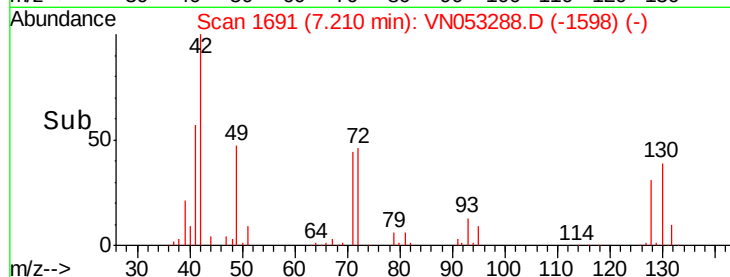
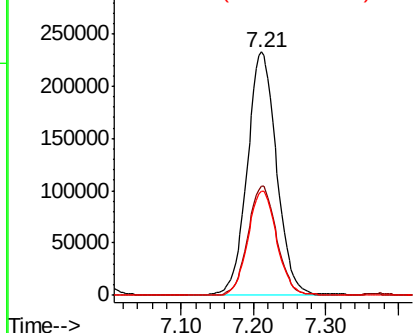
#29
Tetrahydrofuran
Concen: 278.562 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053288.D
Acq: 4 Jan 2019 18:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 653456
Ion Ratio Lower Upper
42 100
72 44.5 35.6 53.4
71 42.3 33.8 50.8

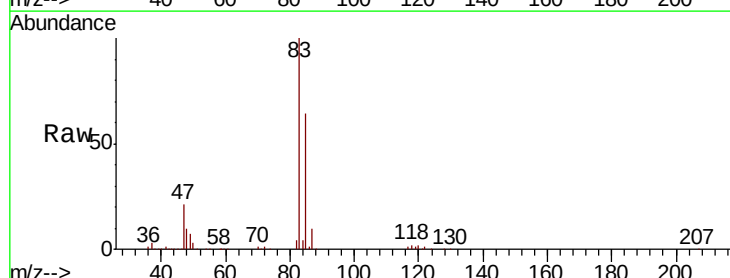


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

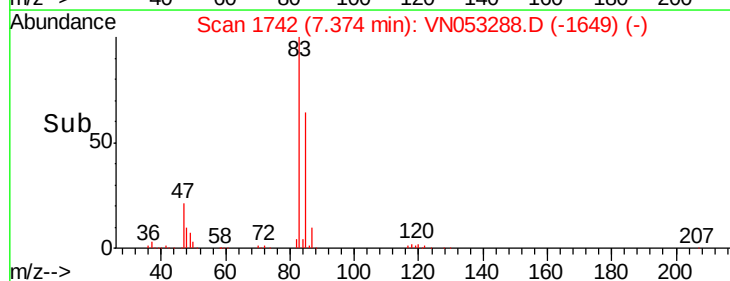
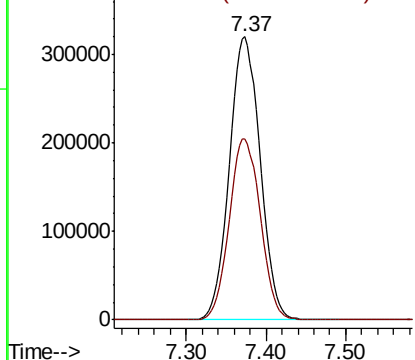


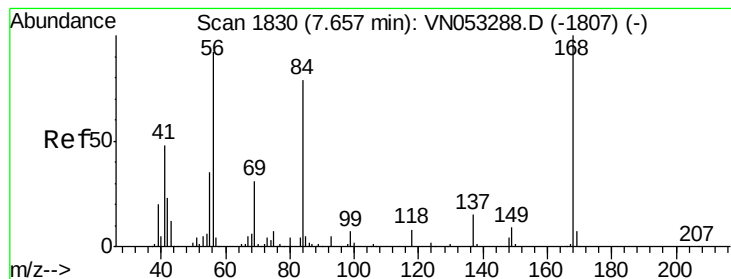
#30
Chloroform
Concen: 49.335 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN053288.D
Acq: 4 Jan 2019 18:35

Tgt Ion: 83 Resp: 836178
Ion Ratio Lower Upper
83 100
85 64.1 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: 42.079 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

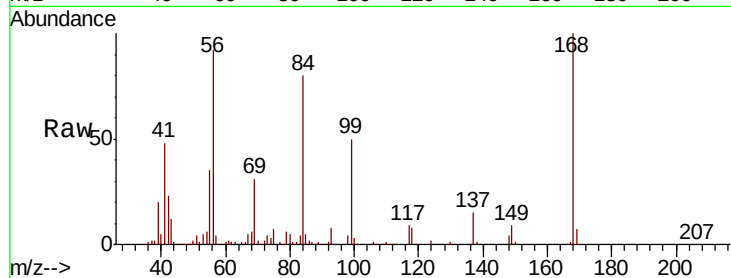
Tgt Ion: 56 Resp: 804705

Ion Ratio Lower Upper

56 100

69 33.4 26.7 40.1

84 85.3 68.2 102.4

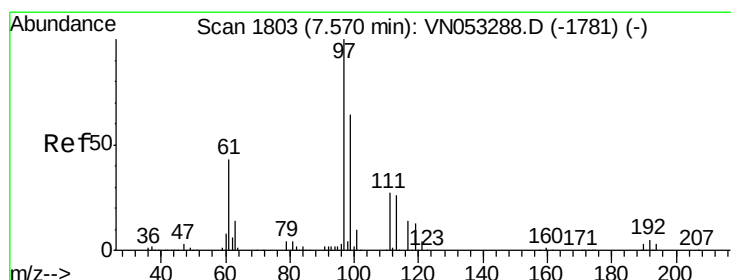
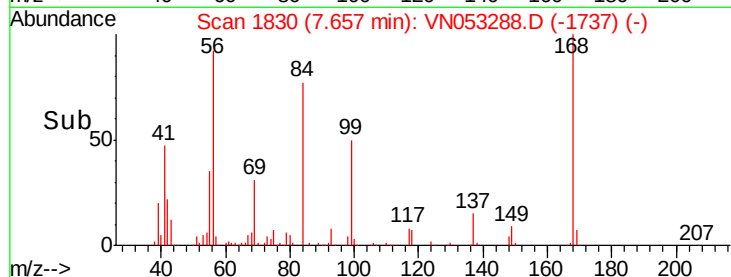
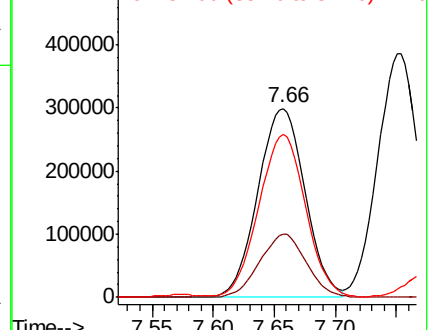


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 48.511 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

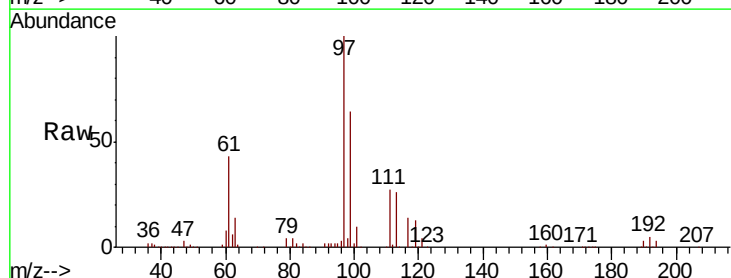
Tgt Ion: 97 Resp: 698732

Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

61 43.3 34.6 52.0

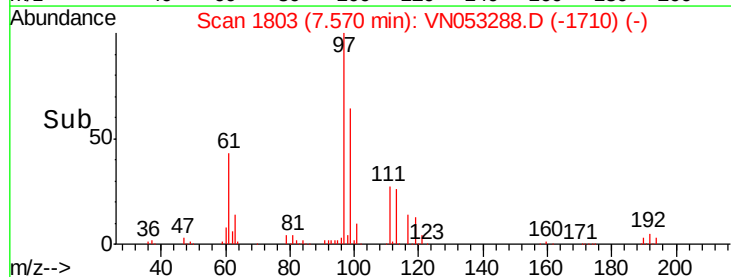
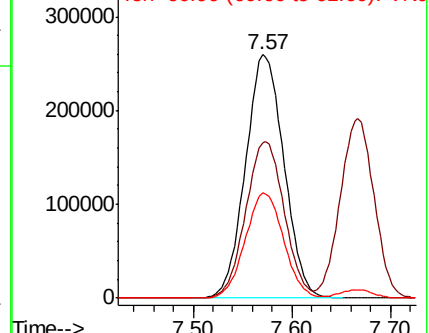


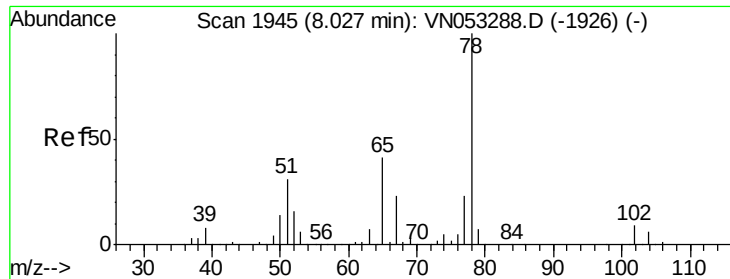
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

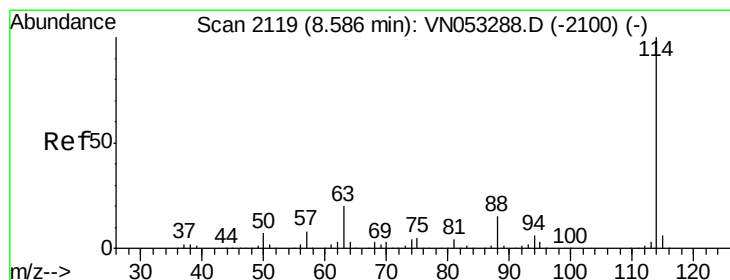
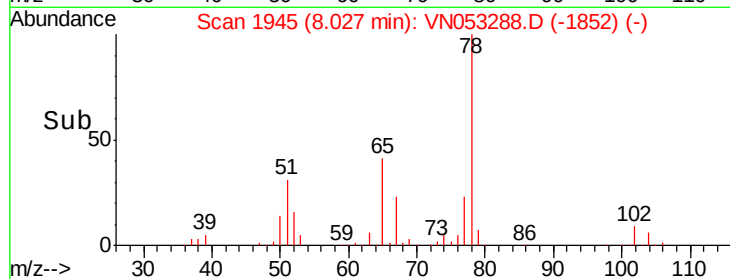
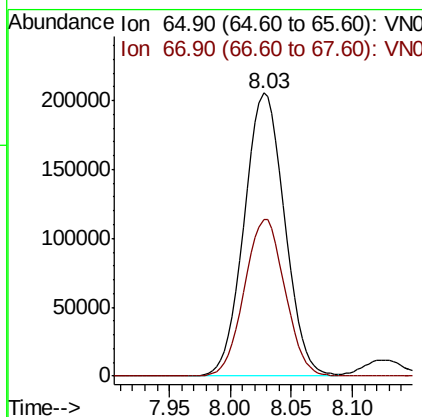
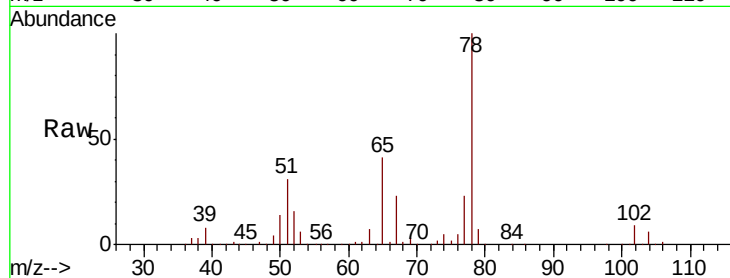




#33
 1,2-Dichloroethane-d4
 Concen: 48.511 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053288.D
 Acq: 4 Jan 2019 18:35

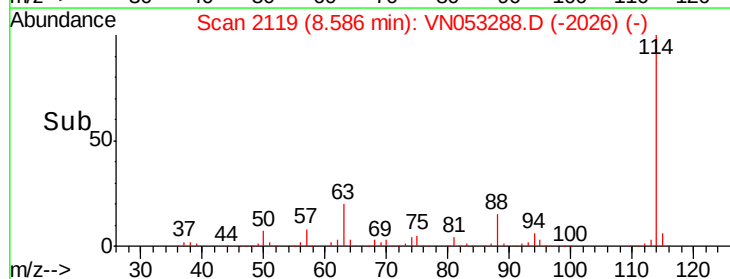
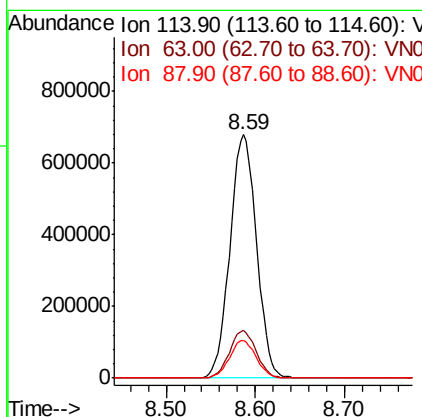
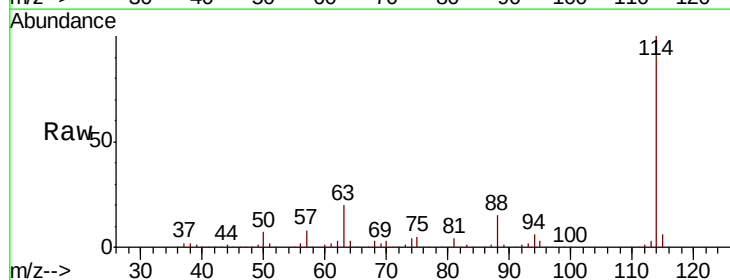
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

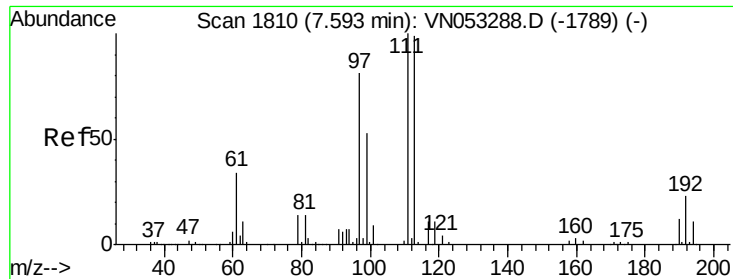
Tgt Ion: 65 Resp: 472207
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053288.D
 Acq: 4 Jan 2019 18:35

Tgt Ion: 114 Resp: 1401790
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.4 0.0 30.8

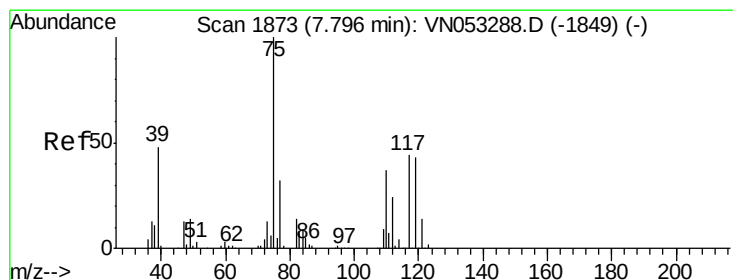
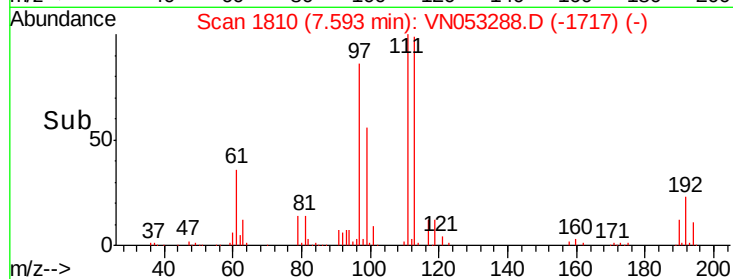
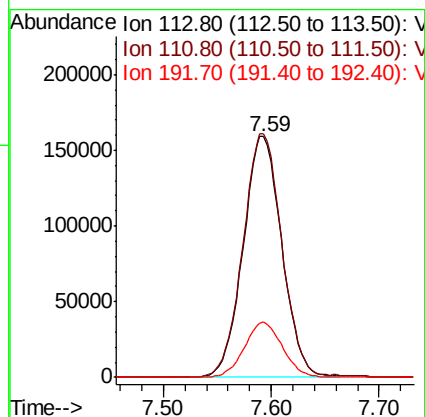
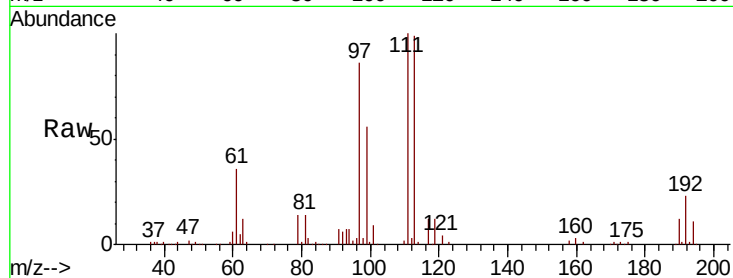




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053288.D
 Acq: 4 Jan 2019 18:35

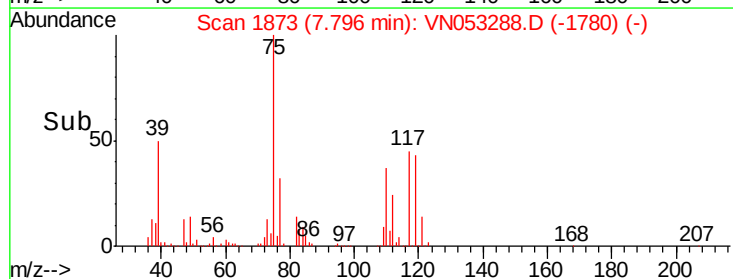
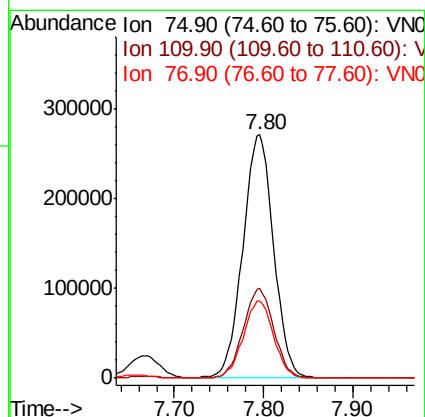
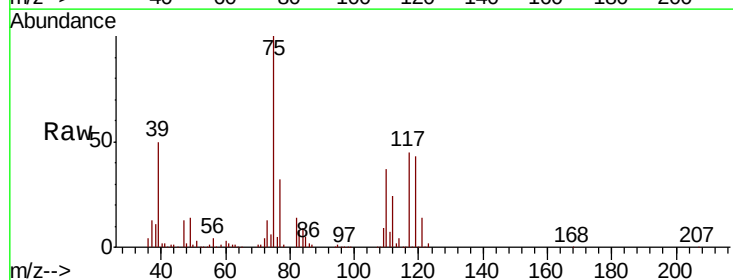
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

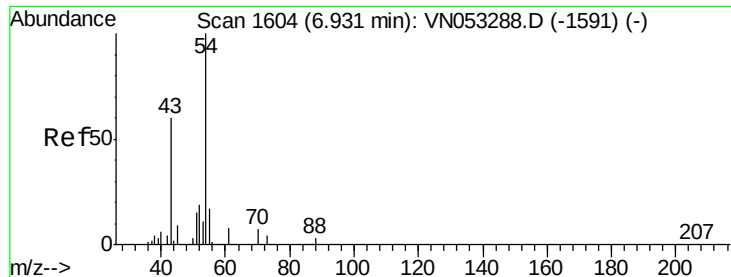
Tgt Ion: 113 Resp: 396513
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.4 122.2
 192 22.4 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 48.265 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN053288.D
 Acq: 4 Jan 2019 18:35

Tgt Ion: 75 Resp: 648567
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.4 55.0
 77 31.6 25.3 37.9

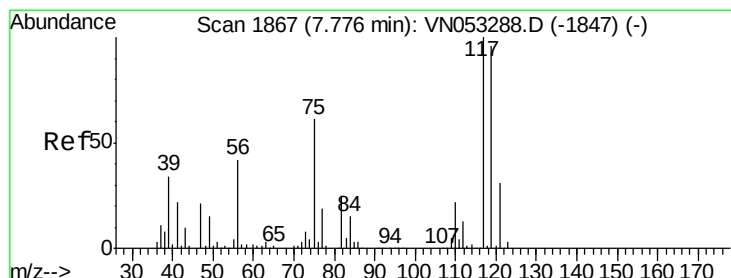
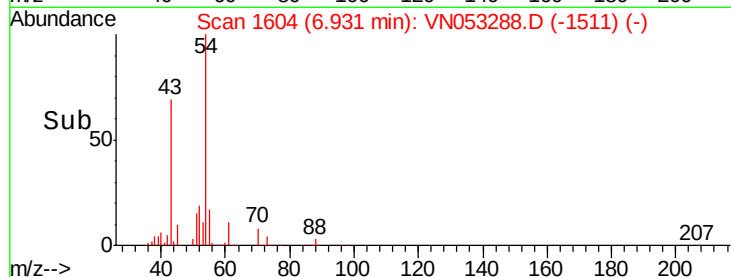
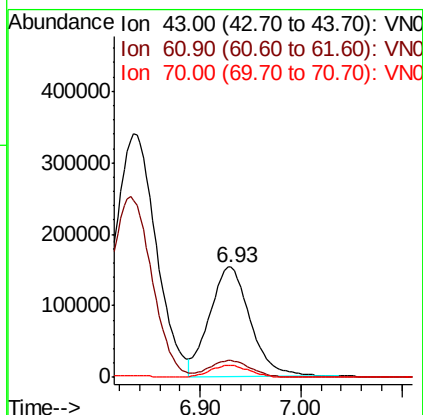
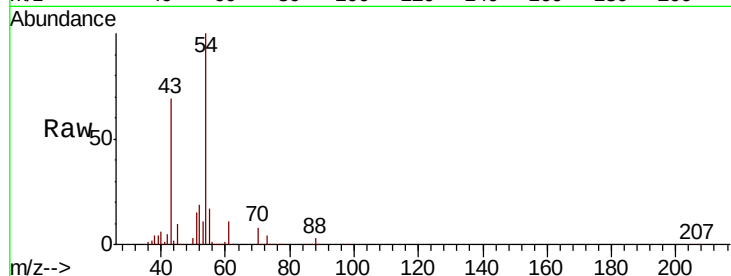




#37
 Ethyl Acetate
 Concen: 56.284 ug/l
 RT: 6.93 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: VN053288.D
 Acq: 4 Jan 2019 18:35

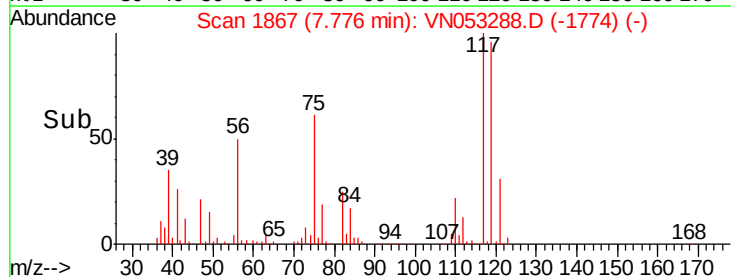
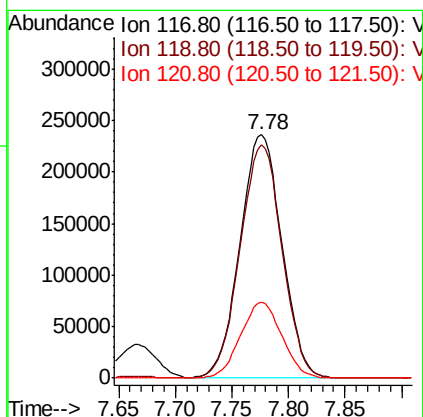
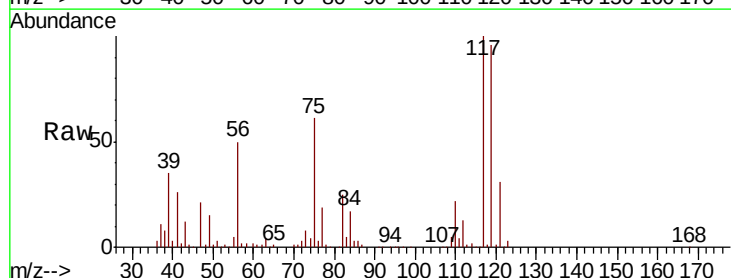
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

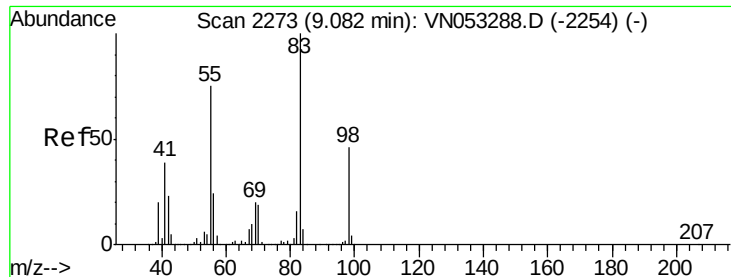
Tgt Ion: 43 Resp: 431449
 Ion Ratio Lower Upper
 43 100
 61 14.9 11.9 17.9
 70 10.8 8.6 13.0



#38
 Carbon Tetrachloride
 Concen: 49.262 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN053288.D
 Acq: 4 Jan 2019 18:35

Tgt Ion: 117 Resp: 606325
 Ion Ratio Lower Upper
 117 100
 119 95.8 76.6 115.0
 121 31.2 25.0 37.4

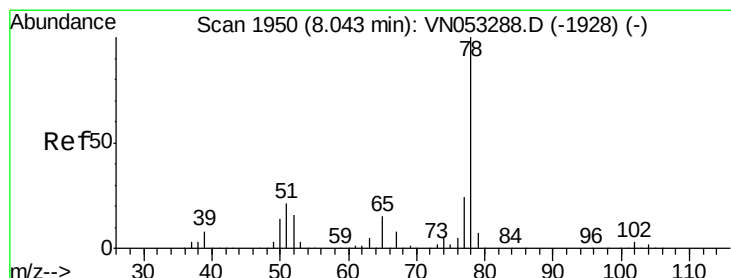
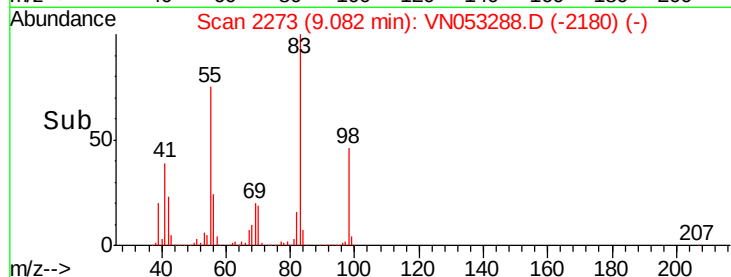
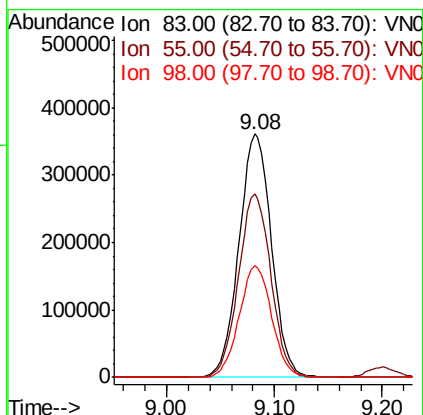
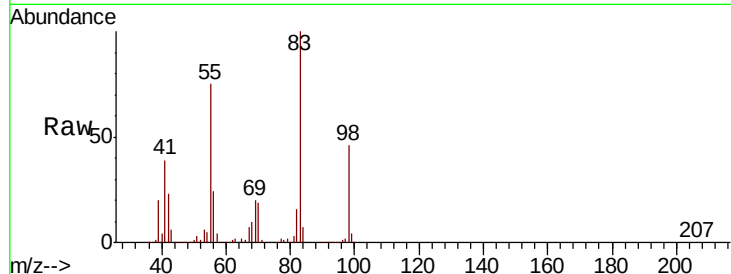




#39
Methylcyclohexane
Concen: 46.656 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053288.D
Acq: 4 Jan 2019 18:35

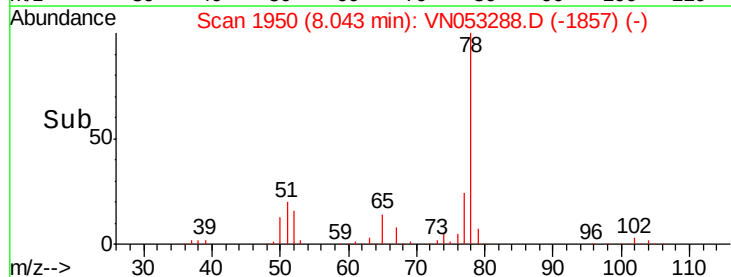
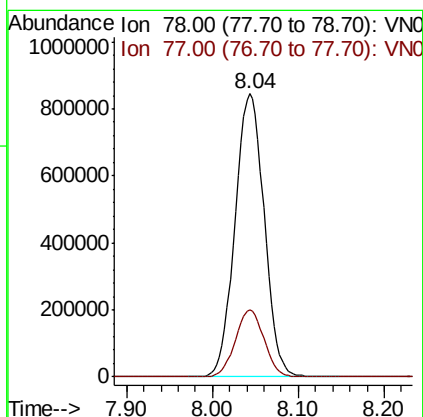
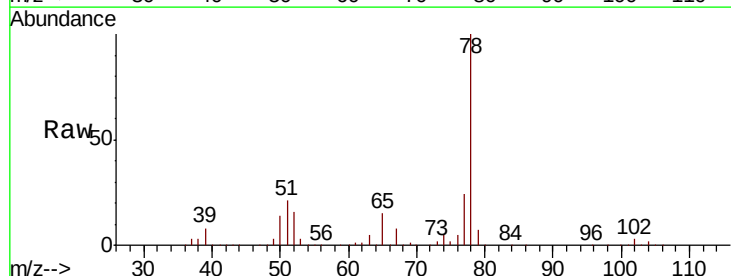
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

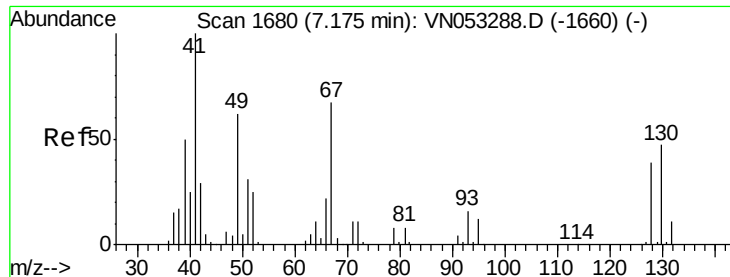
Tgt Ion: 83 Resp: 757710
Ion Ratio Lower Upper
83 100
55 75.1 60.1 90.1
98 45.9 36.7 55.1



#40
Benzene
Concen: 49.711 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053288.D
Acq: 4 Jan 2019 18:35

Tgt Ion: 78 Resp: 1993402
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

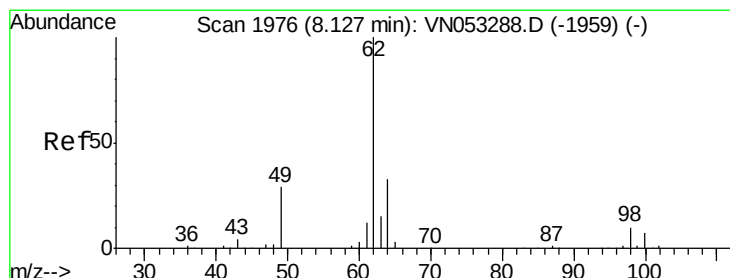
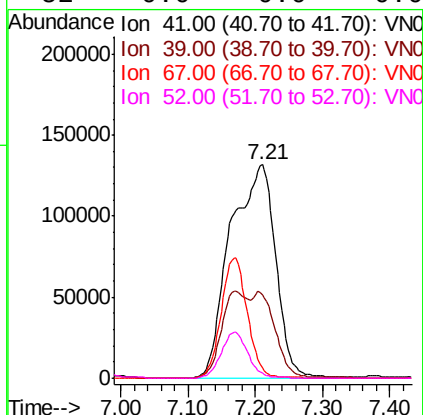
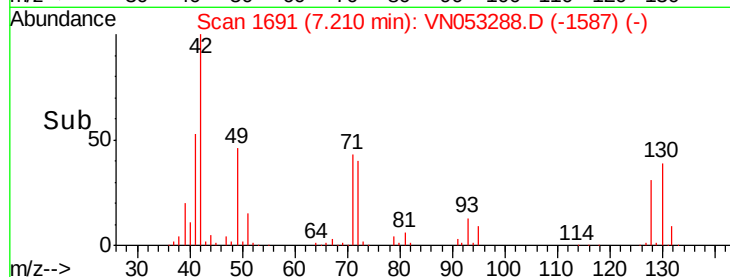
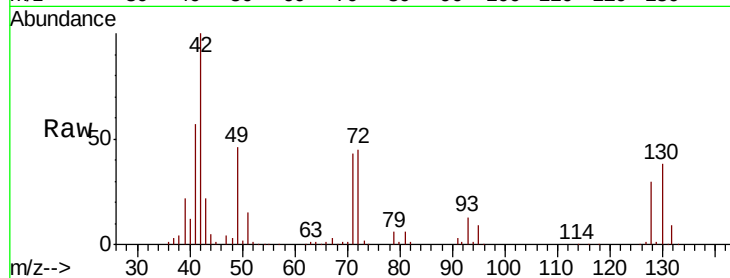




#41
Methacrylonitrile
Concen: 140.193 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.04 min
Lab File: VN053288.D
Acq: 4 Jan 2019 18:35

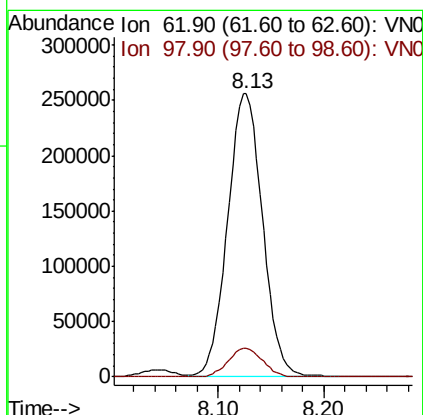
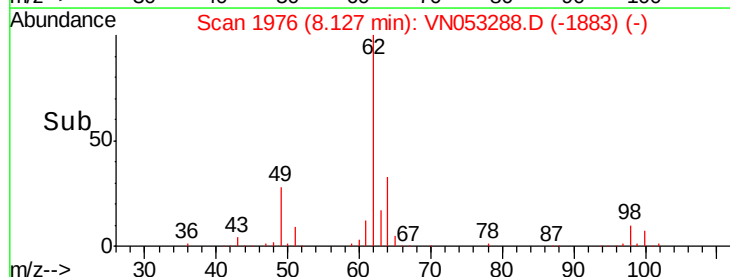
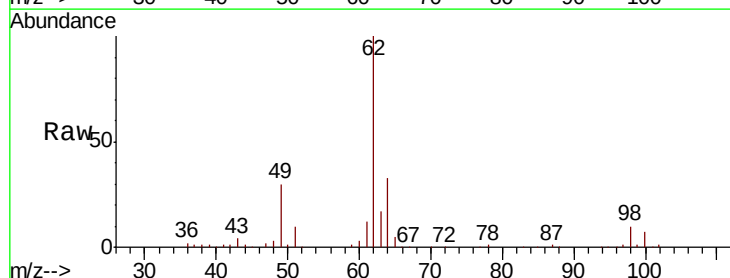
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

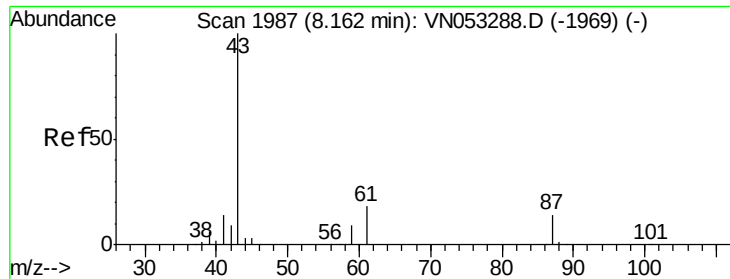
Tgt Ion:	41	Resp:	611422
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 49.533 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN053288.D
Acq: 4 Jan 2019 18:35

Tgt Ion:	62	Resp:	585698
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2





#43

Isopropyl Acetate

Concen: 46.243 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

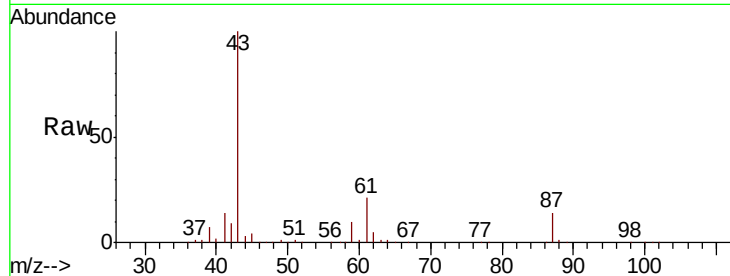
Tgt Ion: 43 Resp: 779445

Ion Ratio Lower Upper

43 100

61 29.1 23.3 34.9

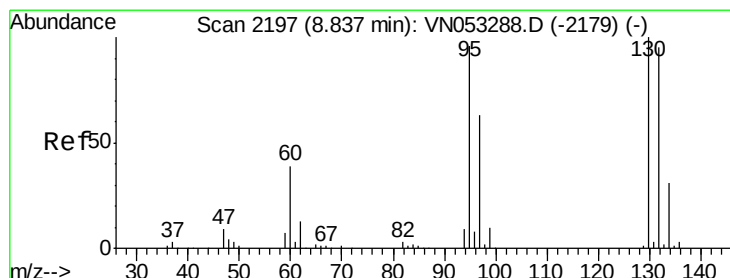
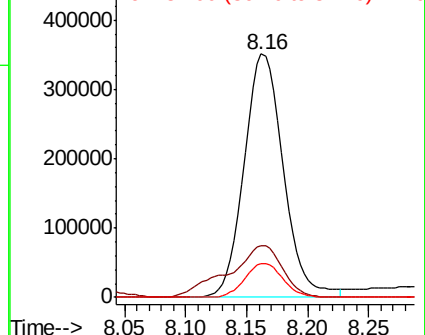
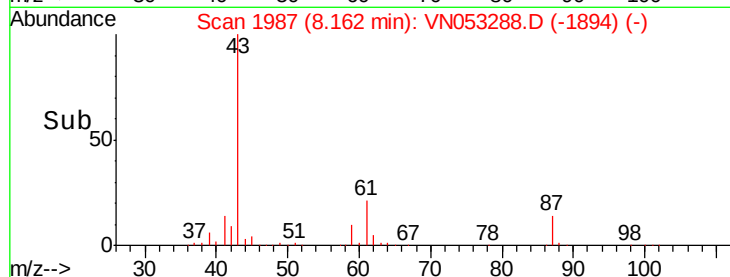
87 13.5 10.8 16.2



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) (-)



#44

Trichloroethene

Concen: 47.335 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN053288.D

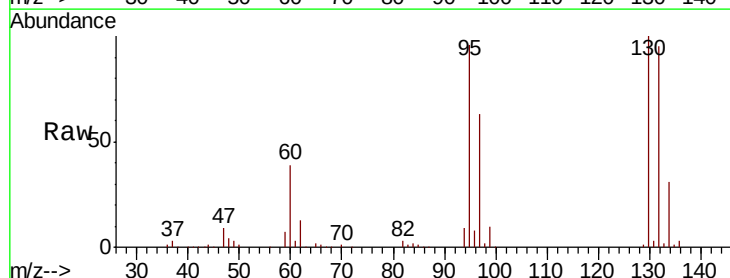
Acq: 4 Jan 2019 18:35

Tgt Ion: 130 Resp: 543474

Ion Ratio Lower Upper

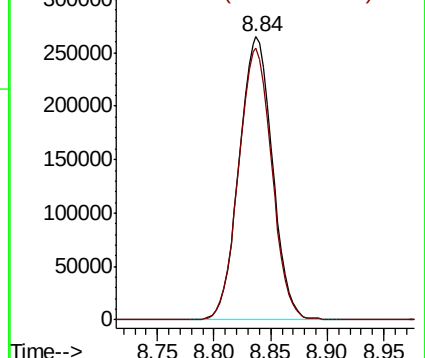
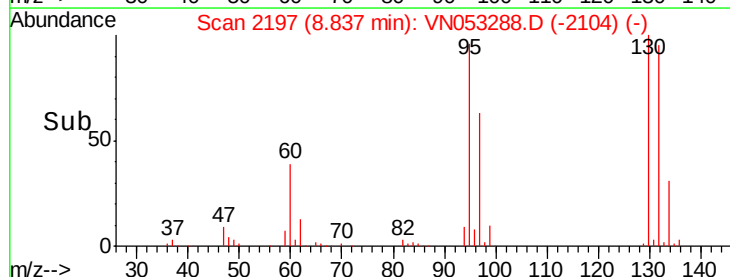
130 100

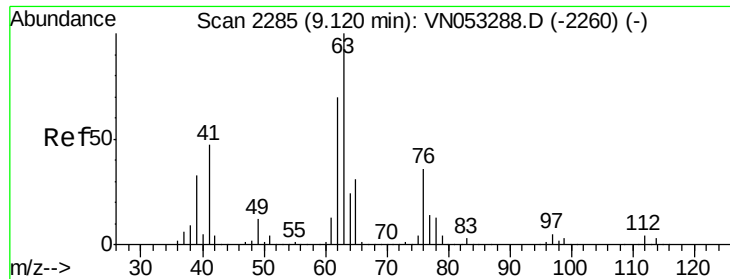
95 95.9 0.0 191.8



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

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

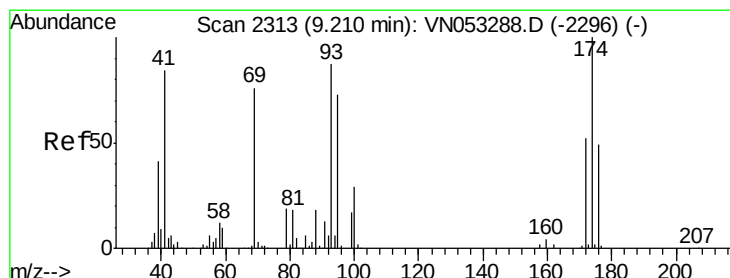
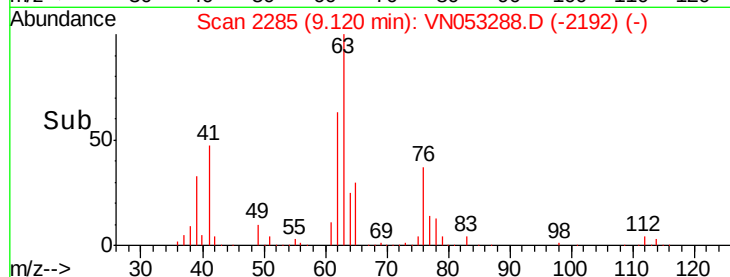
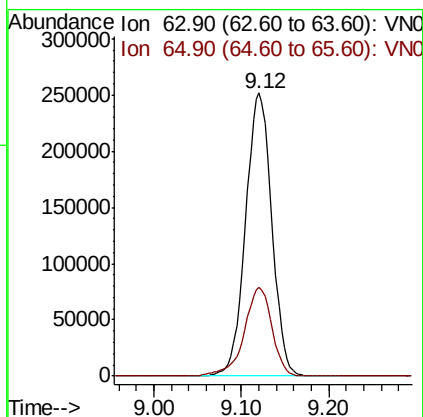
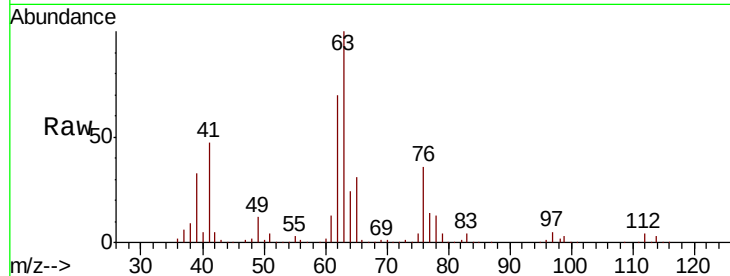




#45
 1,2-Dichloropropane
 Concen: 50.067 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN053288.D
 Acq: 4 Jan 2019 18:35

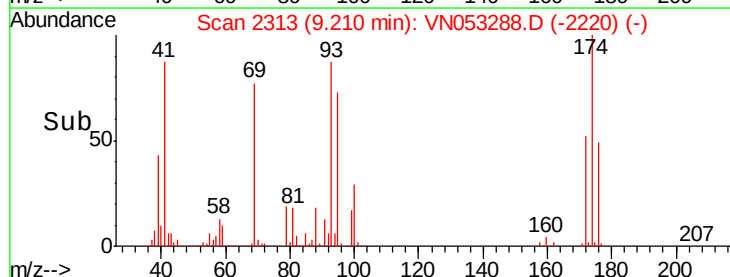
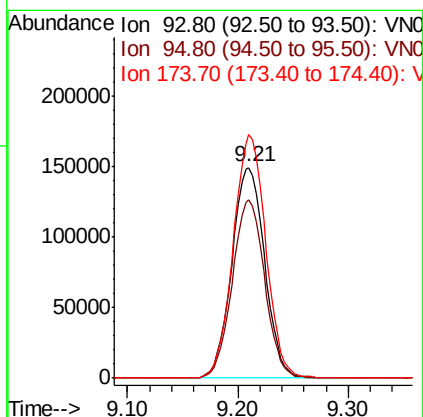
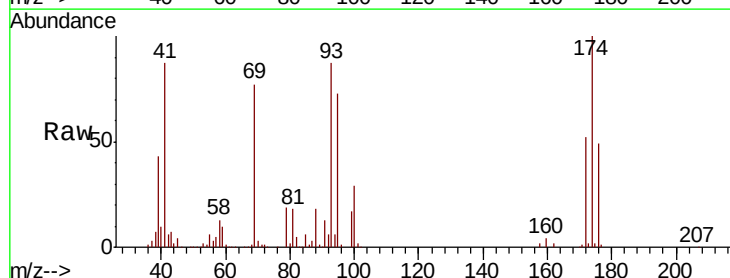
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

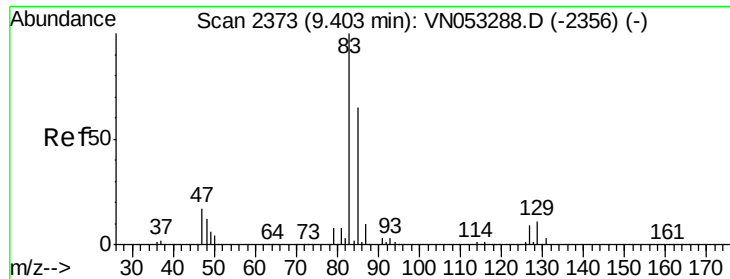
Tgt Ion: 63 Resp: 522824
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.6



#46
 Dibromomethane
 Concen: 50.537 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN053288.D
 Acq: 4 Jan 2019 18:35

Tgt Ion: 93 Resp: 308223
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.6 100.0
 174 114.2 91.4 137.0





#47

Bromodichloromethane

Concen: 49.273 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

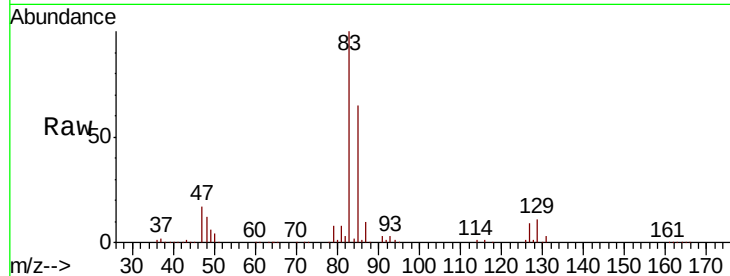
Tgt Ion: 83 Resp: 635546

Ion Ratio Lower Upper

83 100

85 64.6 51.7 77.5

127 8.8 7.0 10.6

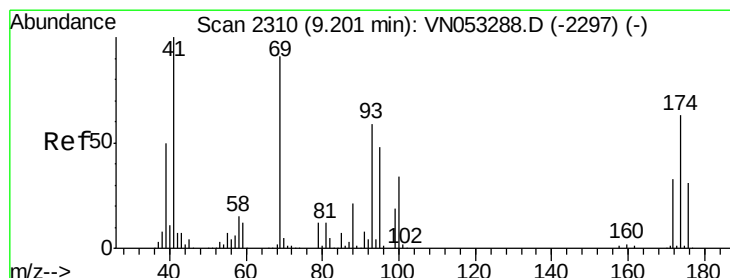
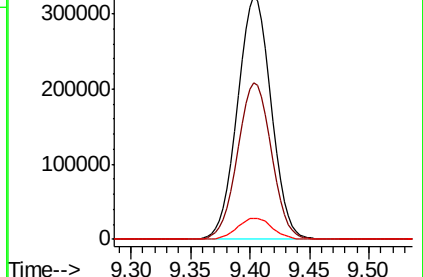
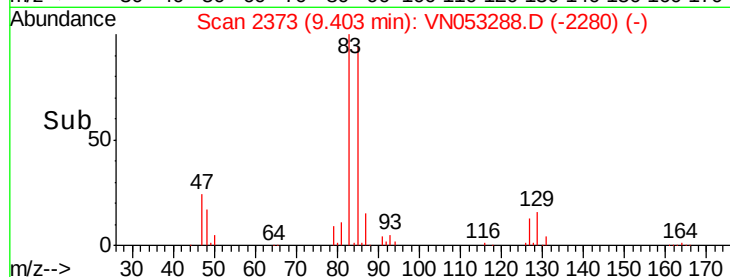


Abundance Ion 82.90 (82.60 to 83.60): VN053288.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN053288.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN053288.D (-2356) (-)

Time-->



#48

Methyl methacrylate

Concen: 52.922 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

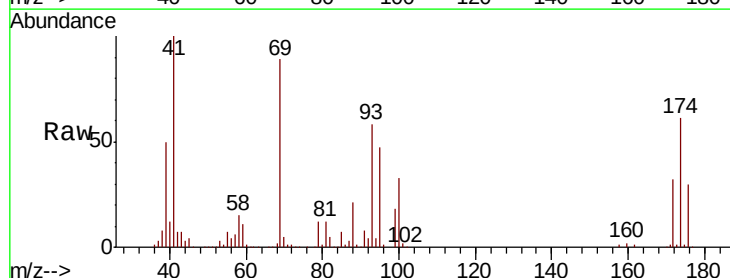
Tgt Ion: 41 Resp: 390327

Ion Ratio Lower Upper

41 100

69 91.9 73.5 110.3

39 52.0 41.6 62.4

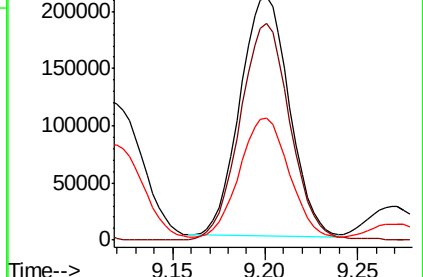
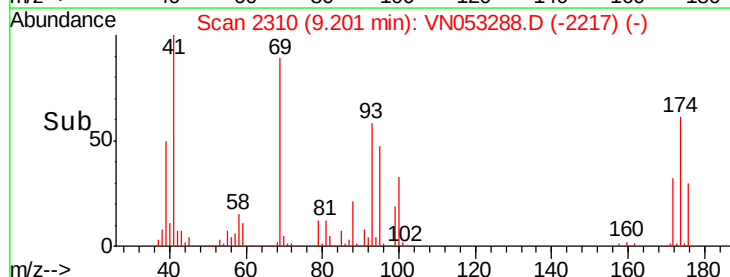


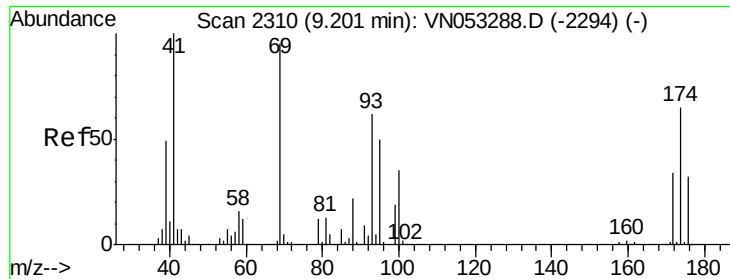
Abundance Ion 41.00 (40.70 to 41.70): VN053288.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN053288.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN053288.D (-2297) (-)

Time-->





#49

1,4-Dioxane

Concen: 976.818 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

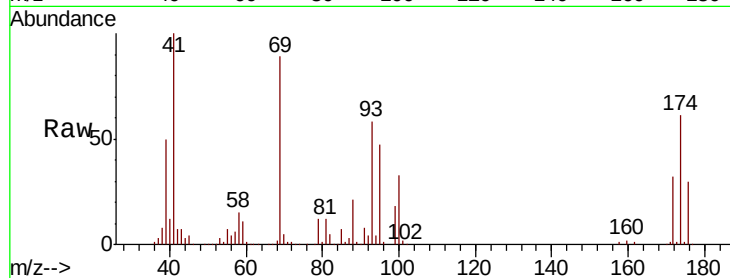
Tgt Ion: 88 Resp: 90406

Ion Ratio Lower Upper

88 100

43 32.8 26.2 39.4

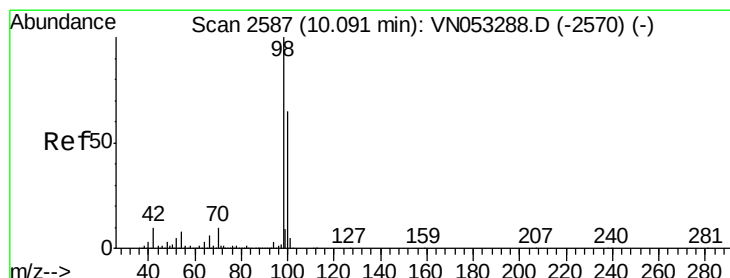
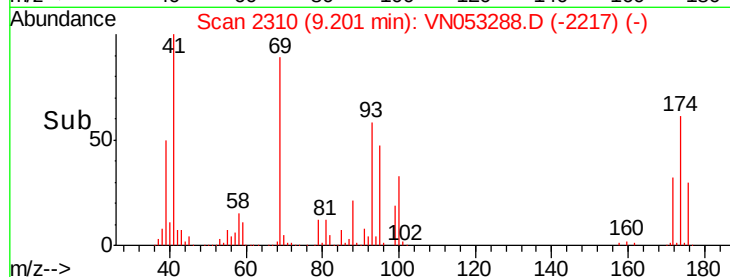
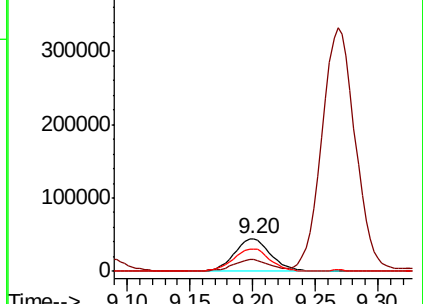
58 69.4 55.5 83.3



Abundance Ion 88.00 (87.70 to 88.70): VN053288.D (-2294) (-)

Ion 43.00 (42.70 to 43.70): VN053288.D (-2294) (-)

Ion 58.00 (57.70 to 58.70): VN053288.D (-2294) (-)



#50

Toluene-d8

Concen: 976.818 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053288.D

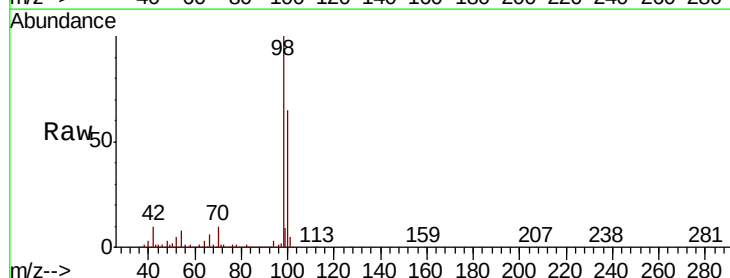
Acq: 4 Jan 2019 18:35

Tgt Ion: 98 Resp: 1710945

Ion Ratio Lower Upper

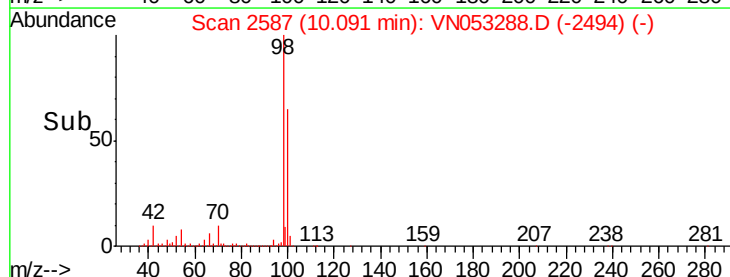
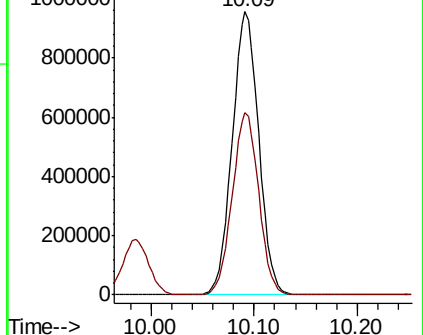
98 100

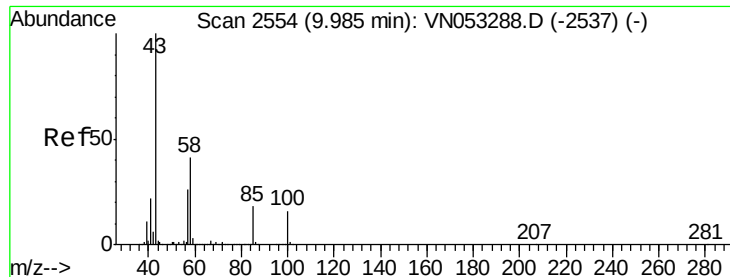
100 64.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN053288.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053288.D (-2570) (-)

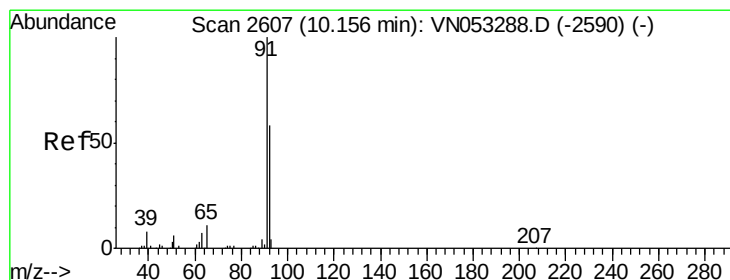
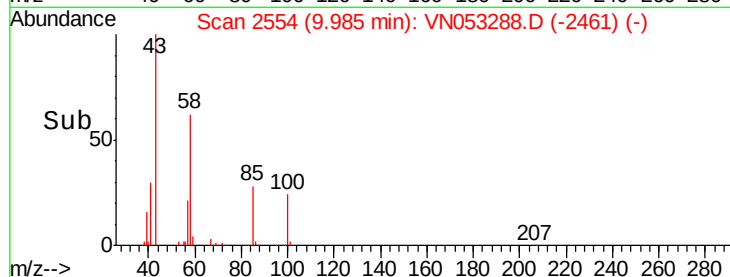
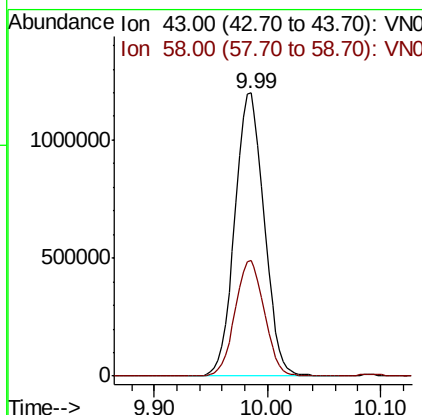
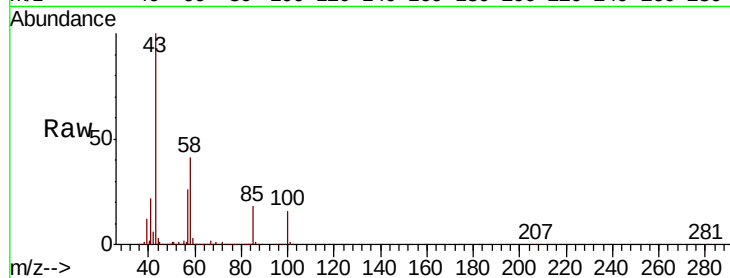




#51
4-Methyl-2-Pentanone
Concen: 290.060 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN053288.D
Acq: 4 Jan 2019 18:35

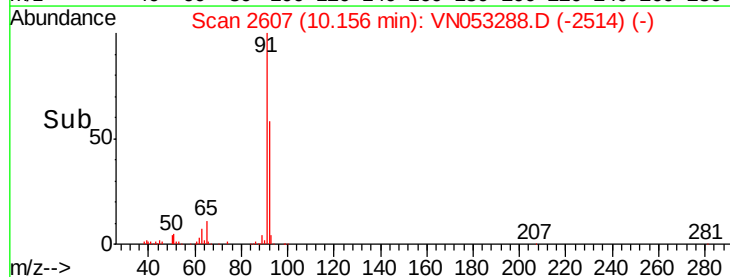
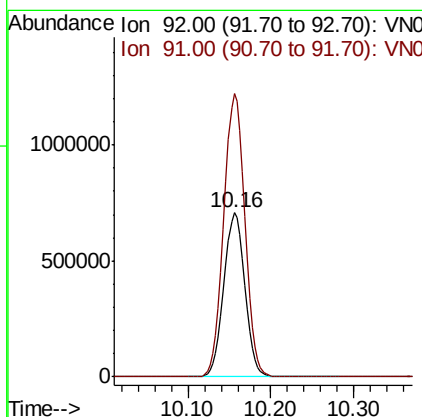
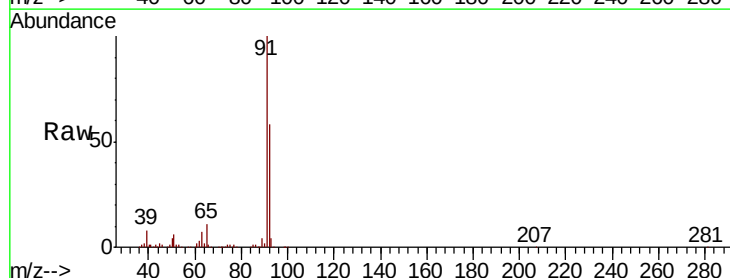
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

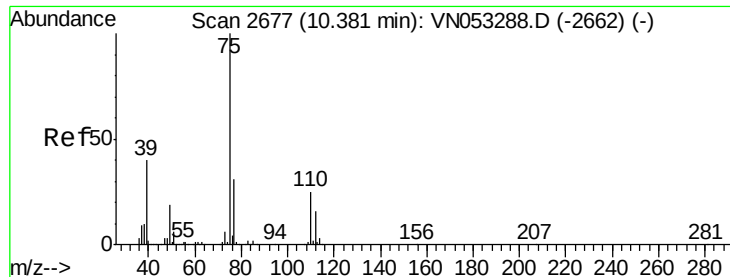
Tgt Ion: 43 Resp: 2166909
Ion Ratio Lower Upper
43 100
58 40.9 32.7 49.1



#52
Toluene
Concen: 50.108 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN053288.D
Acq: 4 Jan 2019 18:35

Tgt Ion: 92 Resp: 1245588
Ion Ratio Lower Upper
92 100
91 173.3 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 49.398 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

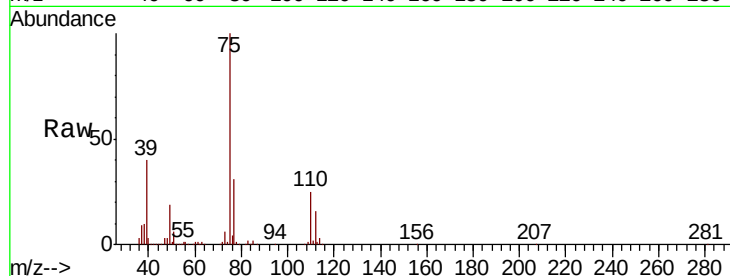
VSTDICCC050

Tgt Ion: 75 Resp: 668941

Ion Ratio Lower Upper

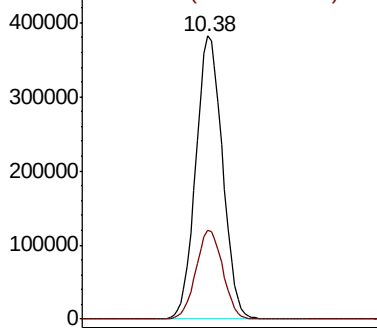
75 100

77 31.2 25.0 37.4

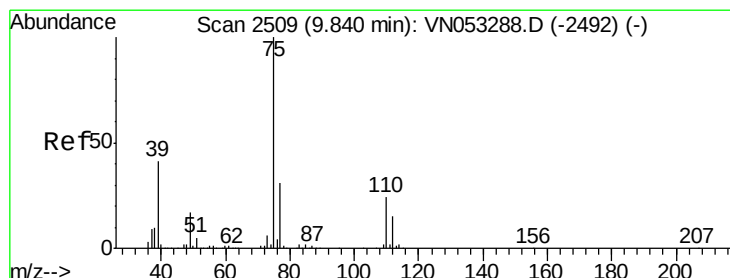
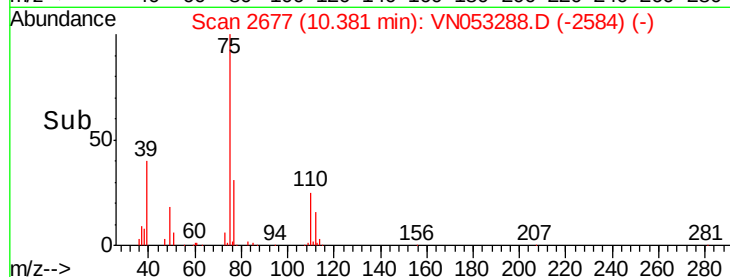


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.682 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

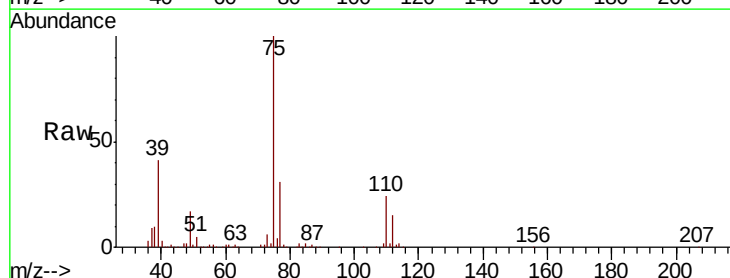
Tgt Ion: 75 Resp: 771848

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

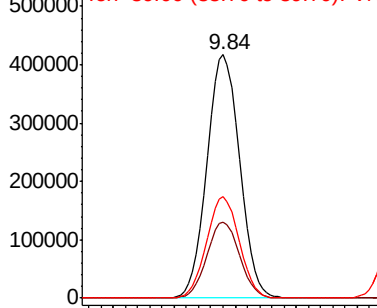
39 41.4 33.1 49.7



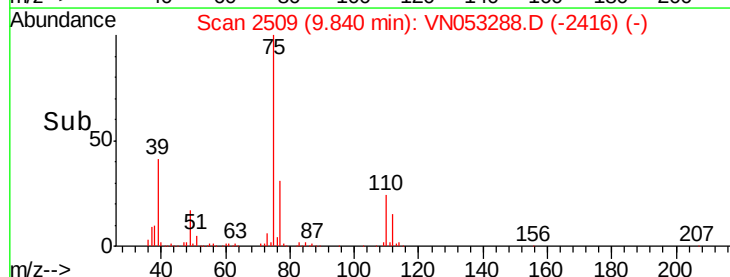
Abundance Ion 74.90 (74.60 to 75.60): VN0

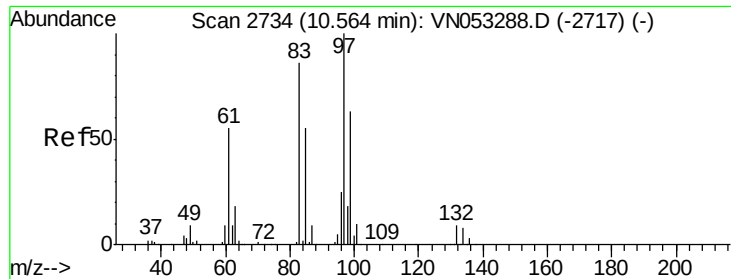
Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->

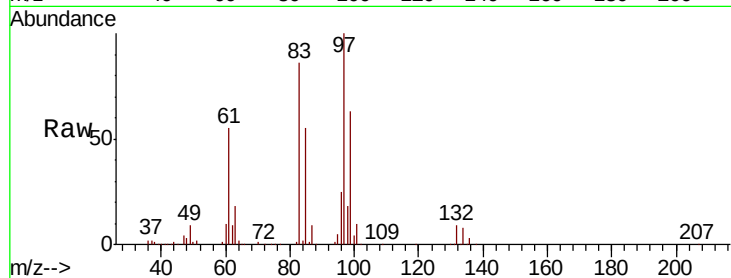




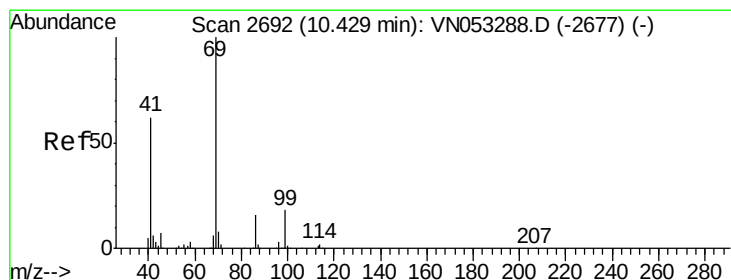
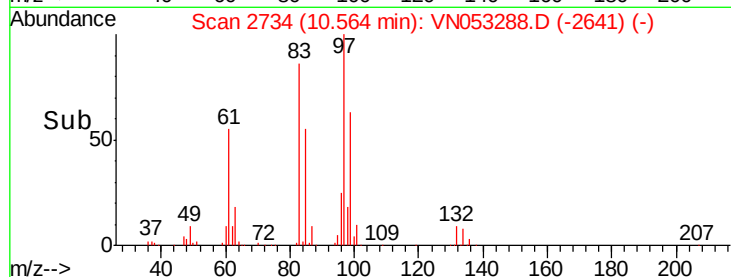
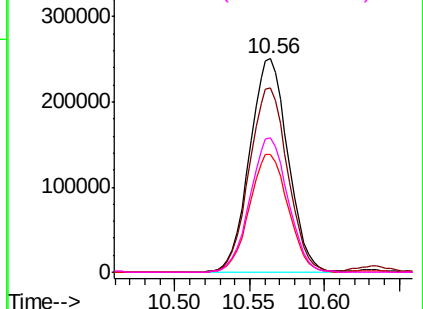
#55
 1,1,2-Trichloroethane
 Concen: 51.344 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN053288.D
 Acq: 4 Jan 2019 18:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 97 Resp: 447211
 Ion Ratio Lower Upper
 97 100
 83 86.4 69.1 103.7
 85 55.3 44.2 66.4
 99 62.9 50.3 75.5

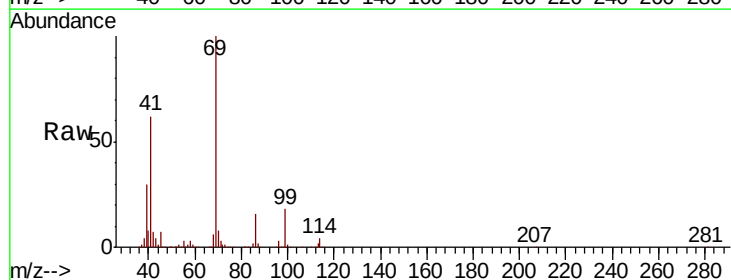


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

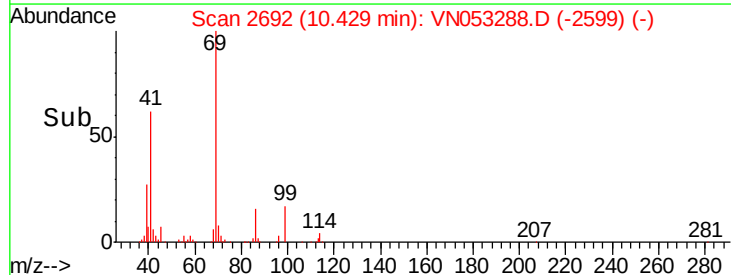
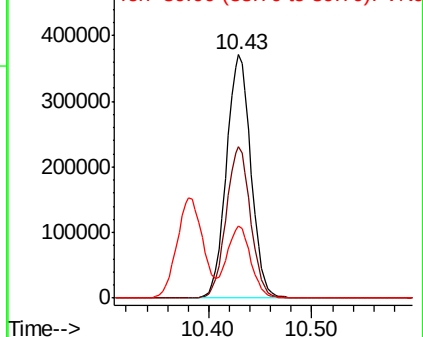


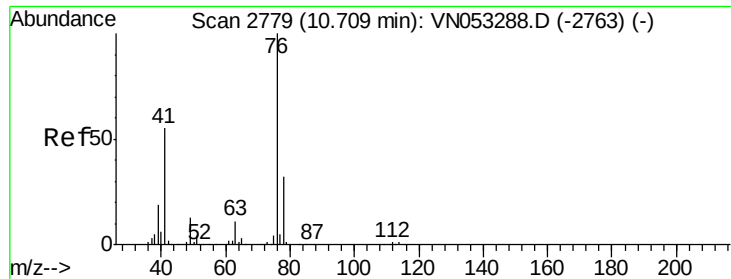
#56
 Ethyl methacrylate
 Concen: 53.059 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053288.D
 Acq: 4 Jan 2019 18:35

Tgt Ion: 69 Resp: 613631
 Ion Ratio Lower Upper
 69 100
 41 61.5 49.2 73.8
 39 29.2 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

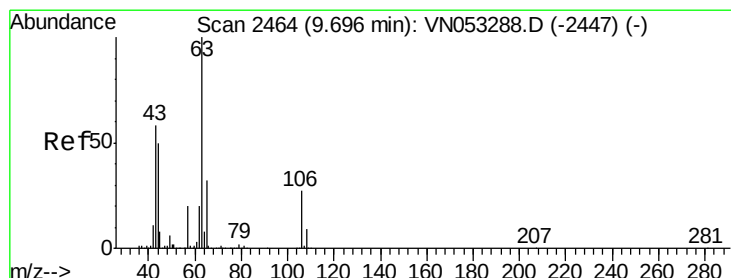
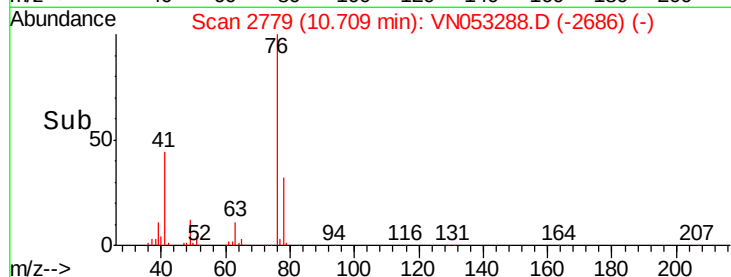
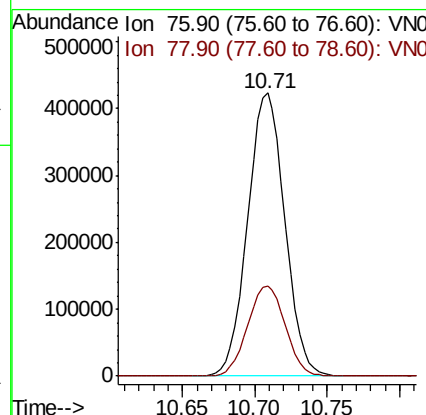
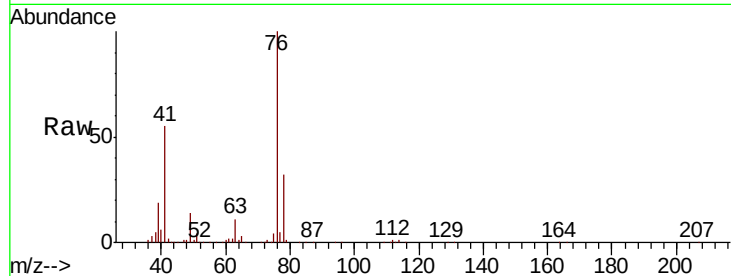




#57
 1,3-Dichloropropane
 Concen: 50.834 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN053288.D
 Acq: 4 Jan 2019 18:35

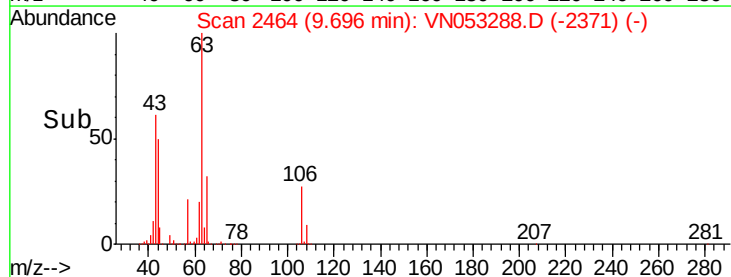
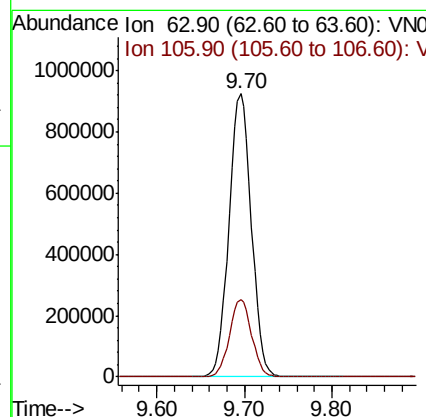
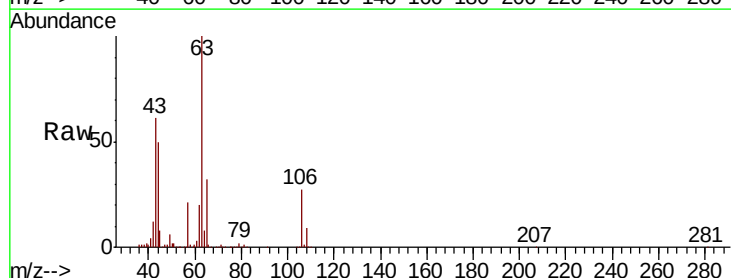
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

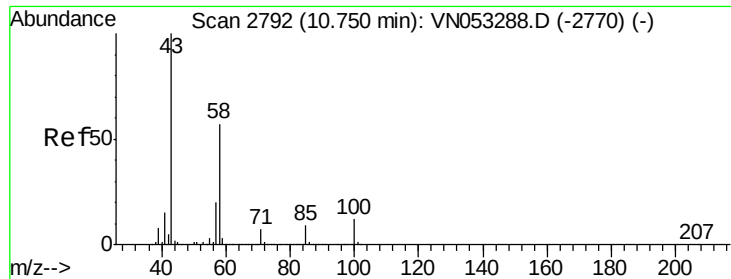
Tgt Ion: 76 Resp: 755765
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.995 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN053288.D
 Acq: 4 Jan 2019 18:35

Tgt Ion: 63 Resp: 1639205
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.7 32.5

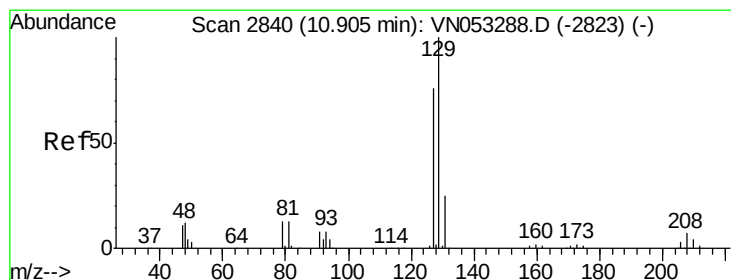
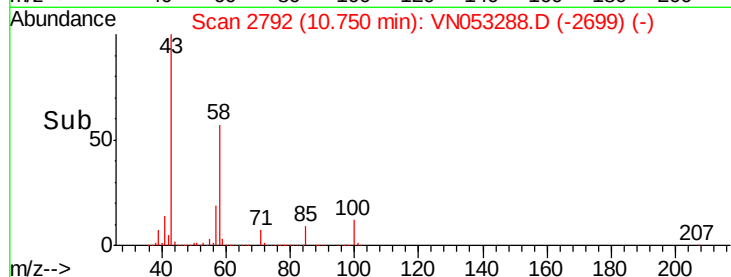
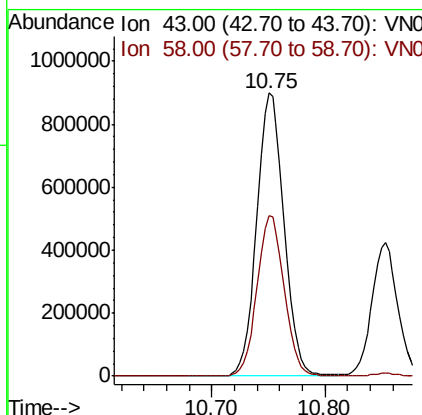
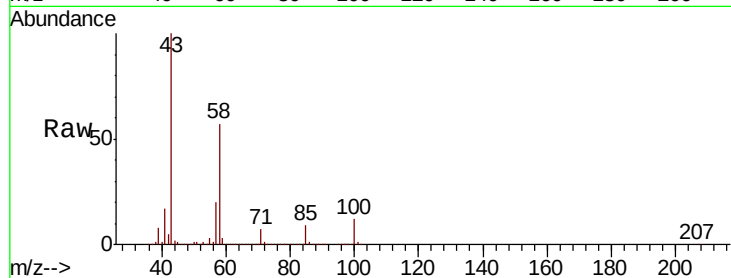




#59
2-Hexanone
Concen: 295.327 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN053288.D
Acq: 4 Jan 2019 18:35

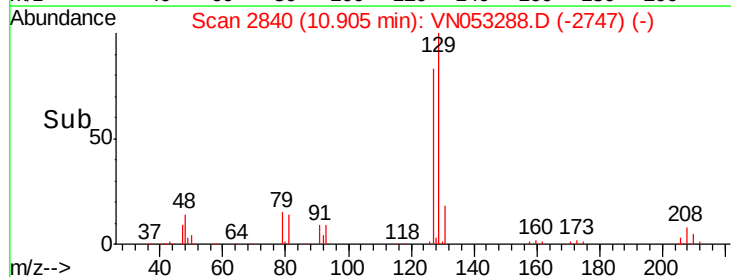
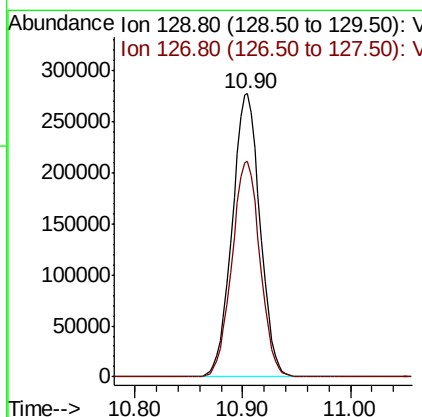
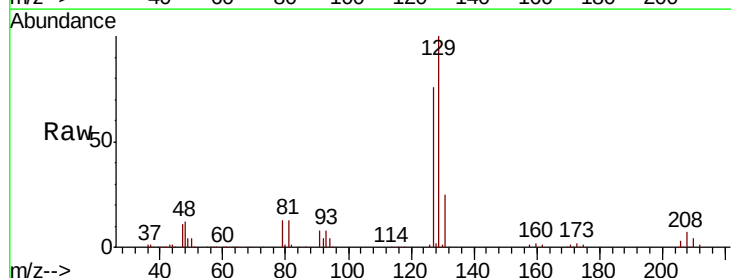
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

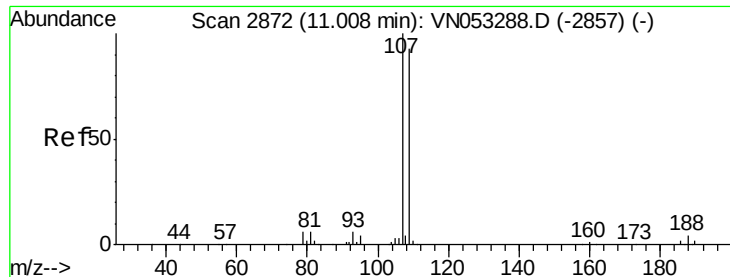
Tgt Ion: 43 Resp: 1501239
Ion Ratio Lower Upper
43 100
58 56.7 28.3 85.0



#60
Dibromochloromethane
Concen: 50.369 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN053288.D
Acq: 4 Jan 2019 18:35

Tgt Ion: 129 Resp: 499921
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.265 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

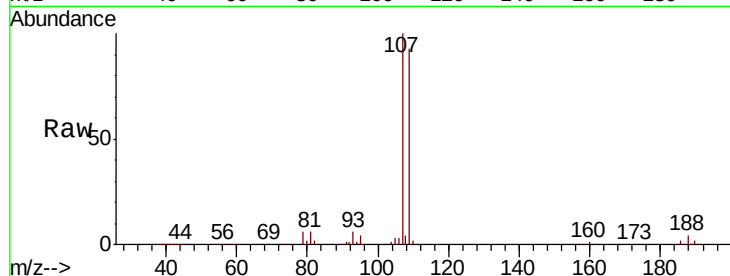
VSTDICCC050

Tgt Ion: 107 Resp: 452864

Ion Ratio Lower Upper

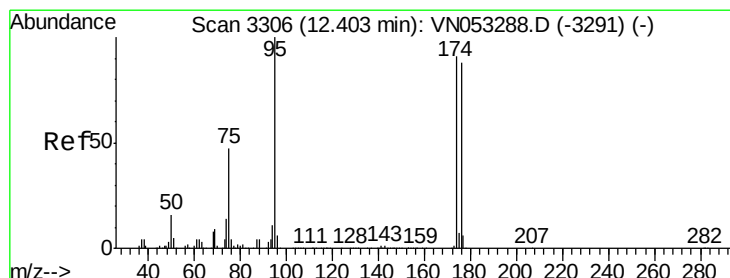
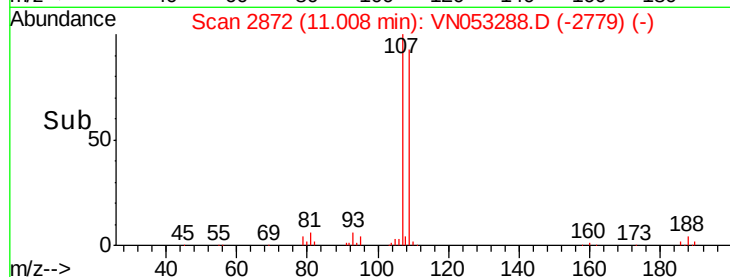
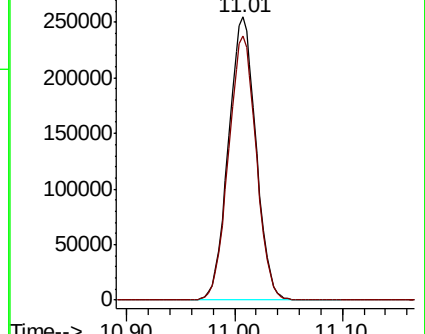
107 100

109 93.8 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.265 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

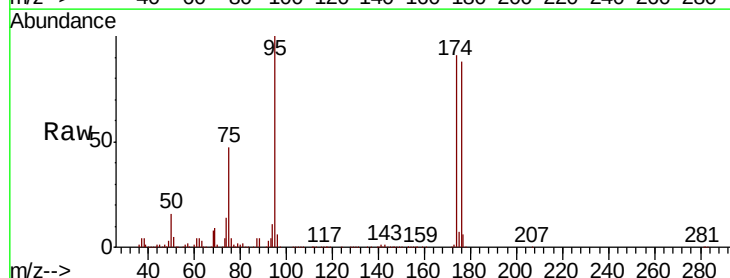
Tgt Ion: 95 Resp: 594531

Ion Ratio Lower Upper

95 100

174 90.2 0.0 180.4

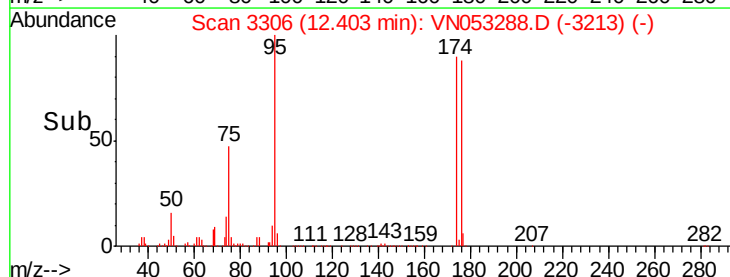
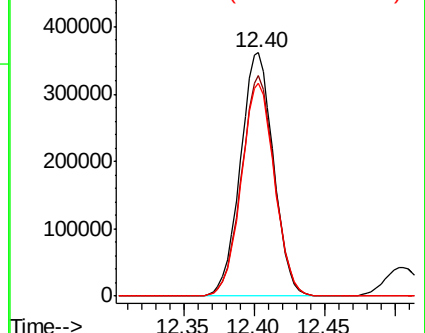
176 87.8 0.0 175.6

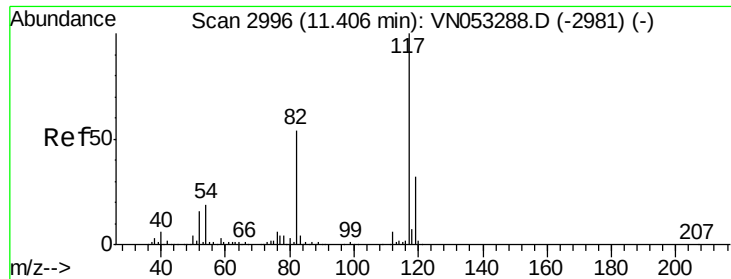


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

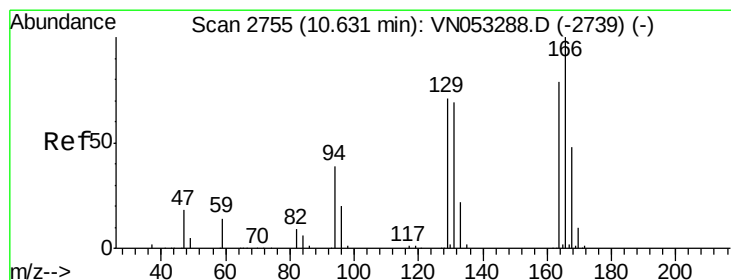
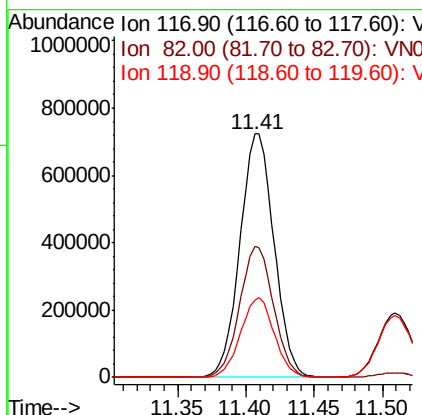
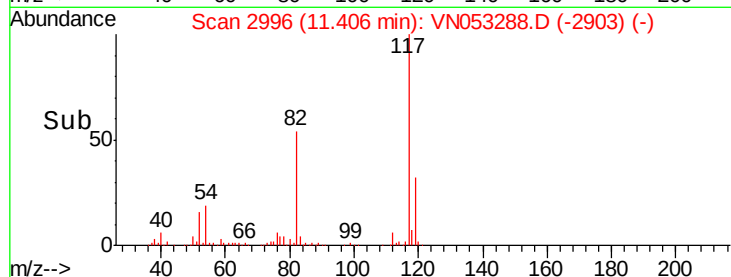
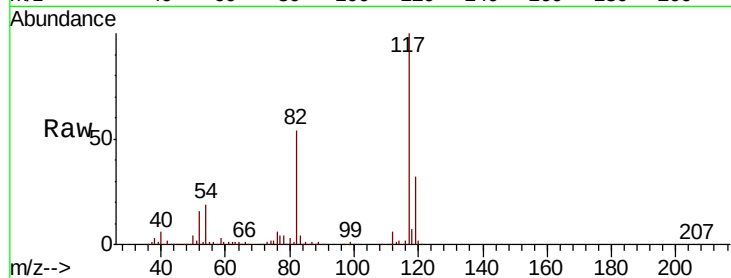




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053288.D
Acq: 4 Jan 2019 18:35

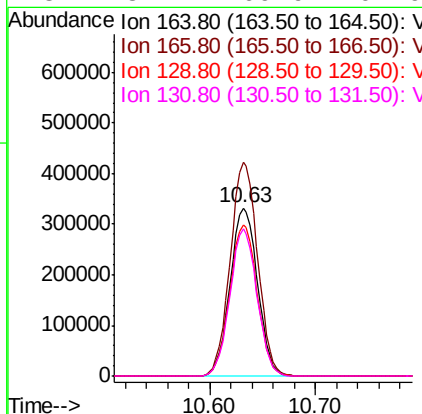
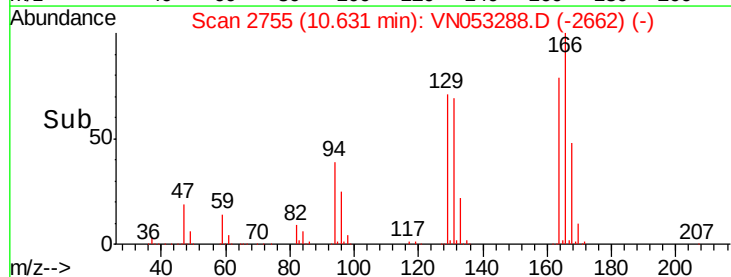
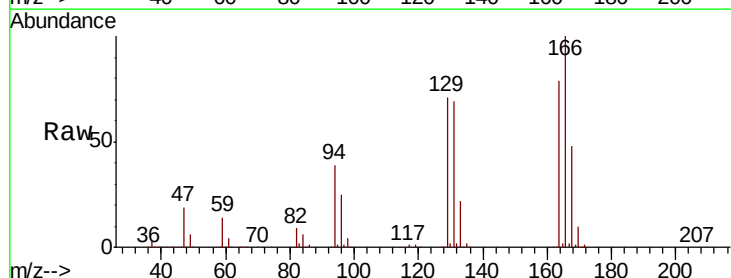
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

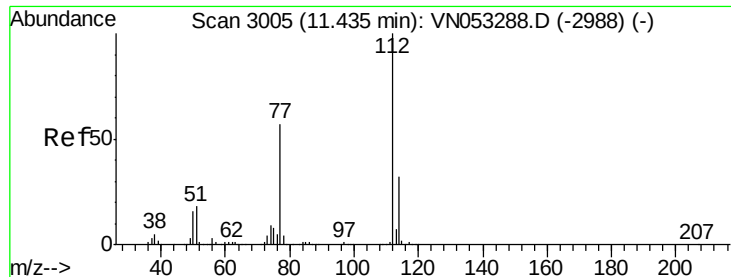
Tgt Ion:117 Resp: 1255120
Ion Ratio Lower Upper
117 100
82 53.6 42.9 64.3
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 44.770 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053288.D
Acq: 4 Jan 2019 18:35

Tgt Ion:164 Resp: 596123
Ion Ratio Lower Upper
164 100
166 127.1 101.7 152.5
129 90.1 72.1 108.1
131 87.4 69.9 104.9

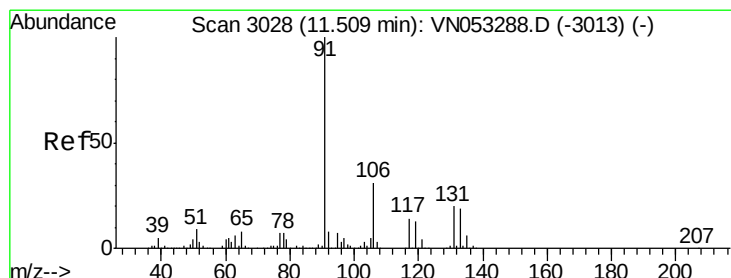
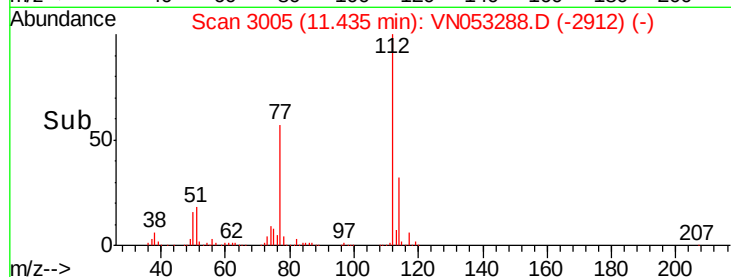
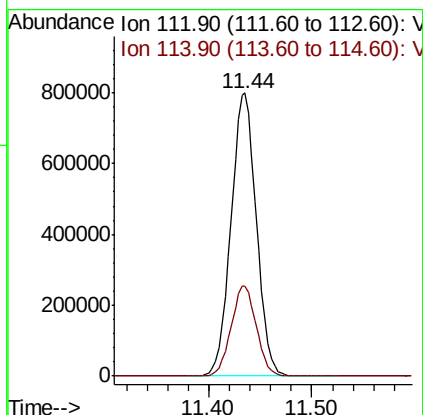
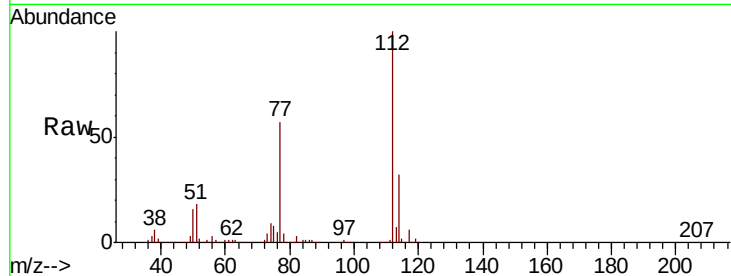




#65
Chlorobenzene
Concen: 49.032 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN053288.D
Acq: 4 Jan 2019 18:35

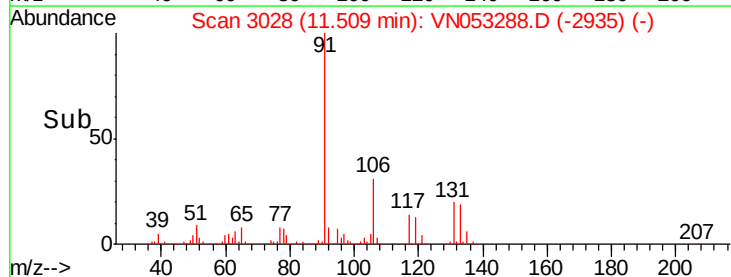
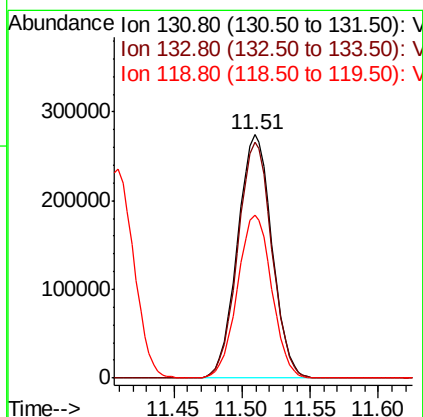
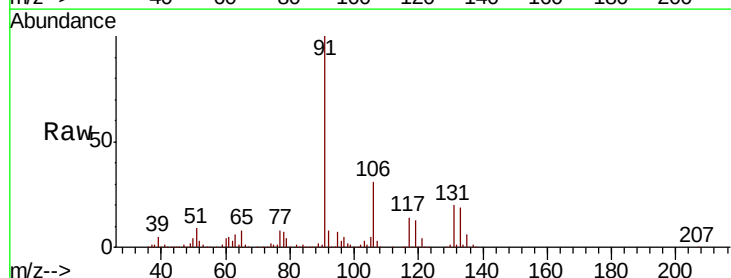
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

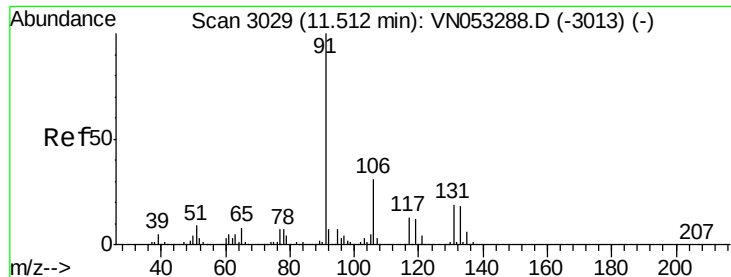
Tgt Ion:112 Resp: 1363685
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.707 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053288.D
Acq: 4 Jan 2019 18:35

Tgt Ion:131 Resp: 480954
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.0
119 66.6 33.3 99.9

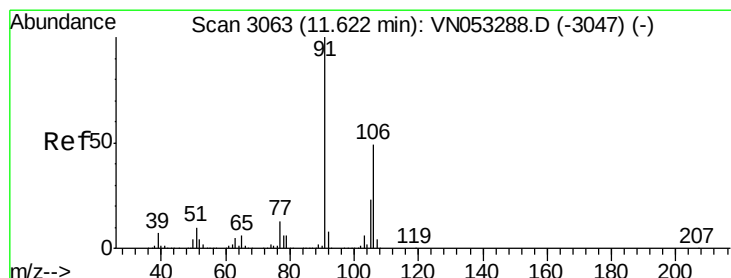
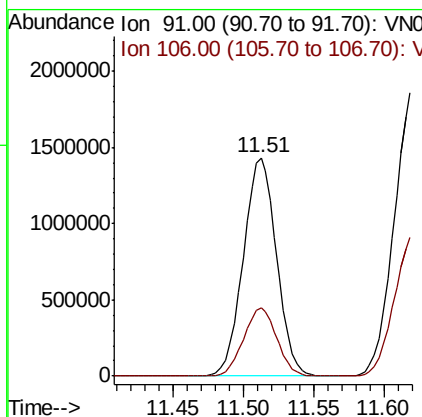
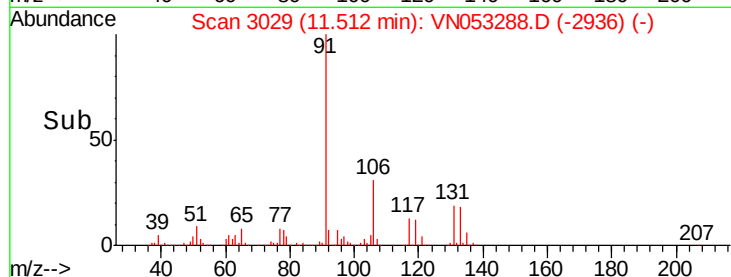
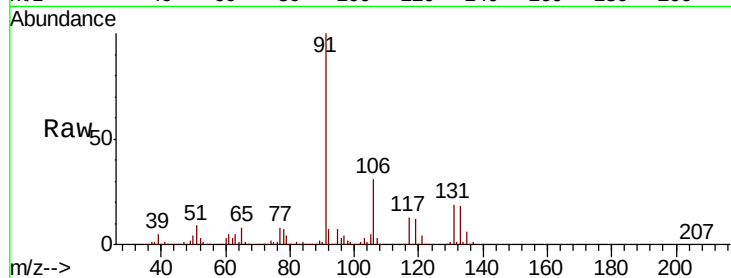




#67
Ethyl Benzene
Concen: 49.322 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053288.D
Acq: 4 Jan 2019 18:35

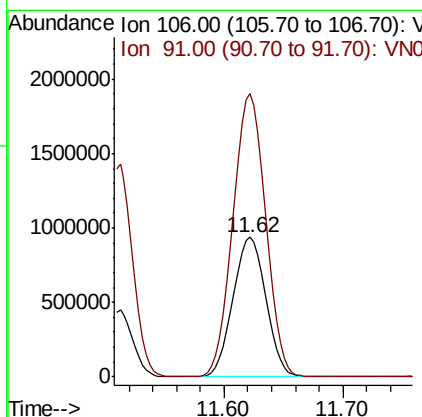
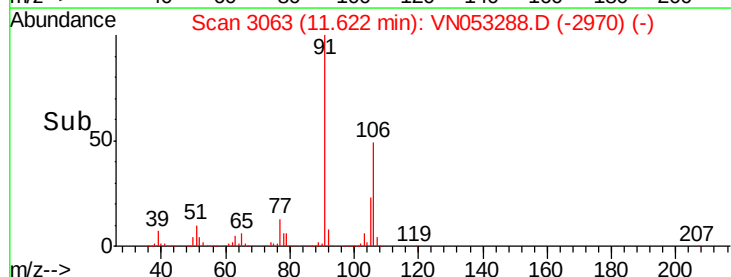
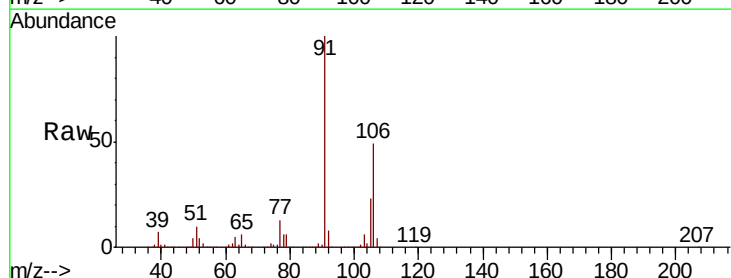
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

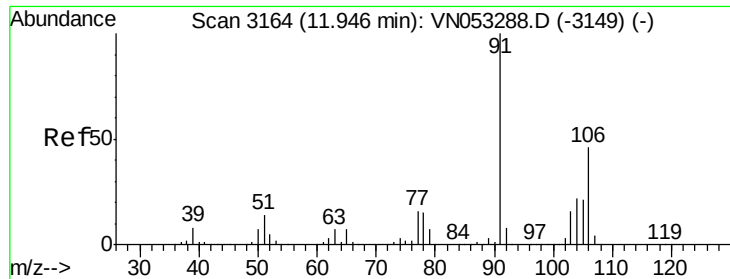
Tgt Ion: 91 Resp: 2358354
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4



#68
m/p-Xylenes
Concen: 98.860 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053288.D
Acq: 4 Jan 2019 18:35

Tgt Ion: 106 Resp: 1797935
Ion Ratio Lower Upper
106 100
91 201.8 161.4 242.2

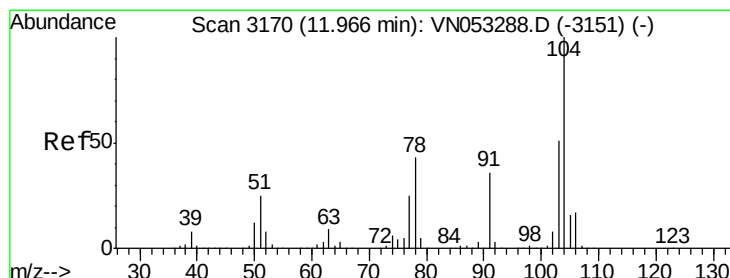
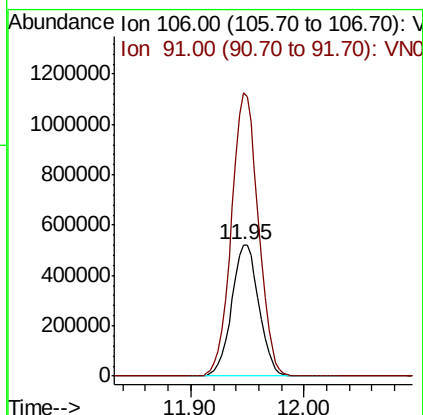
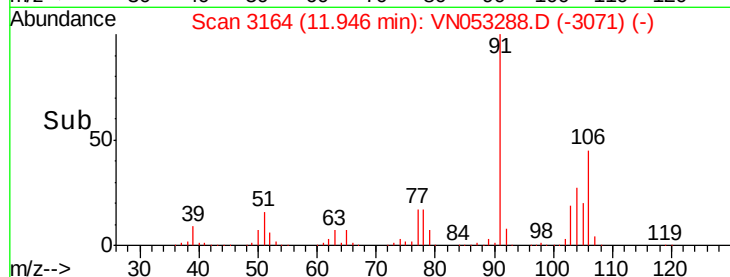
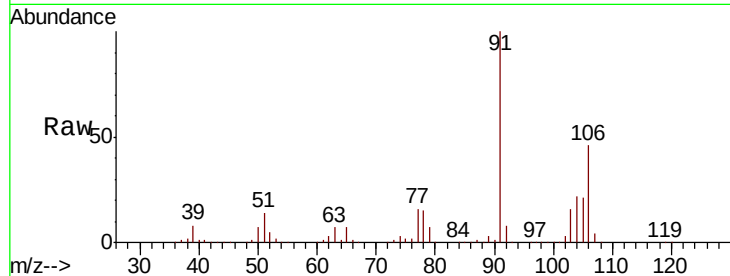




#69
o-Xylene
Concen: 49.963 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053288.D
Acq: 4 Jan 2019 18:35

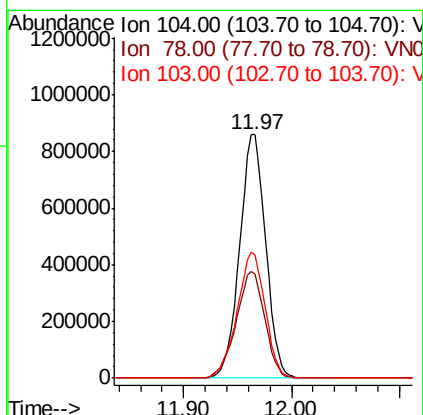
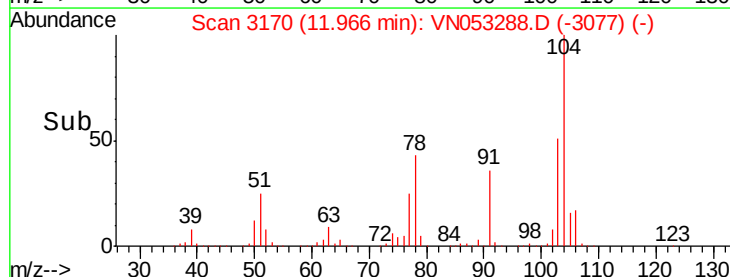
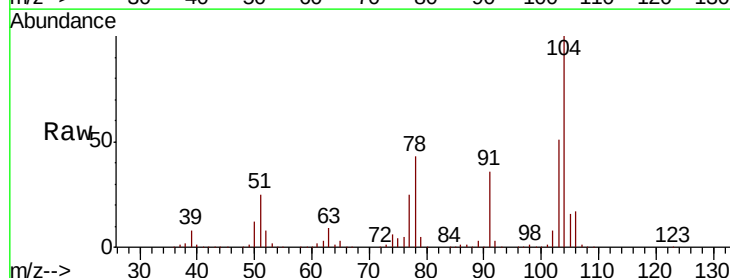
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

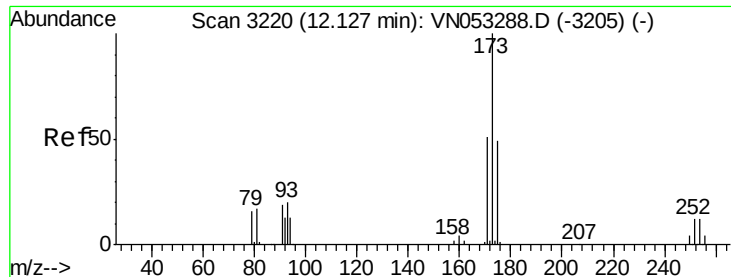
Tgt Ion:106 Resp: 871154
Ion Ratio Lower Upper
106 100
91 213.6 106.8 320.4



#70
Styrene
Concen: 50.704 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN053288.D
Acq: 4 Jan 2019 18:35

Tgt Ion:104 Resp: 1443450
Ion Ratio Lower Upper
104 100
78 48.1 38.5 57.7
103 55.6 44.5 66.7

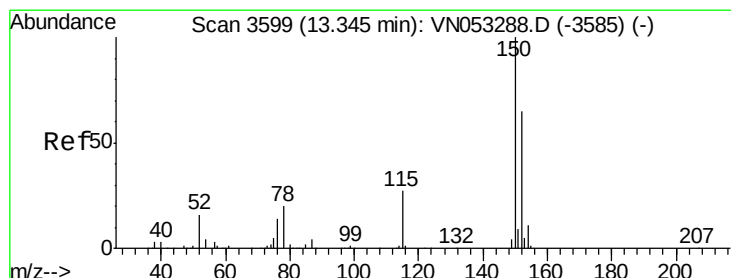
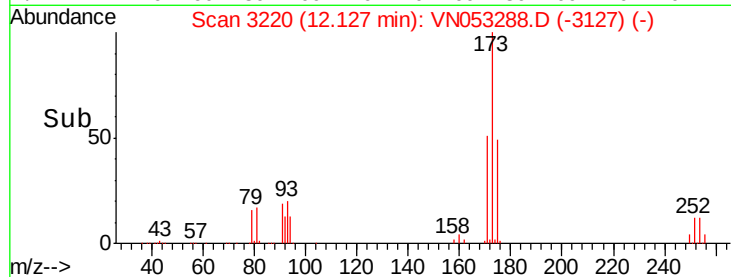
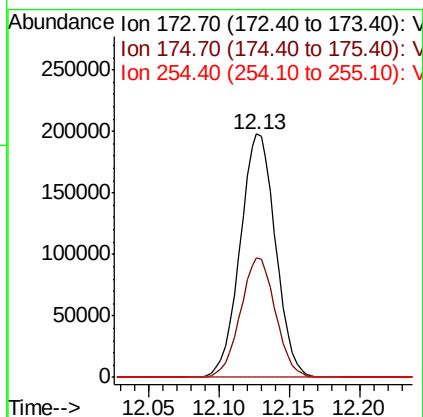
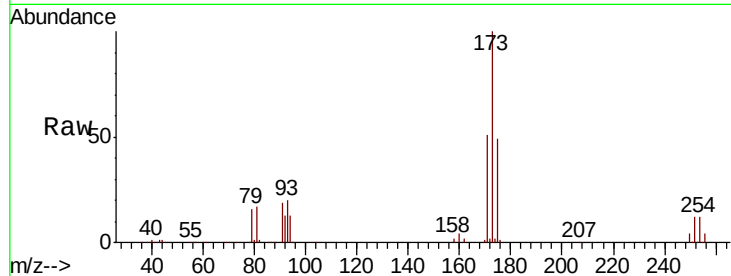




#71
Bromoform
Concen: 49.838 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN053288.D
Acq: 4 Jan 2019 18:35

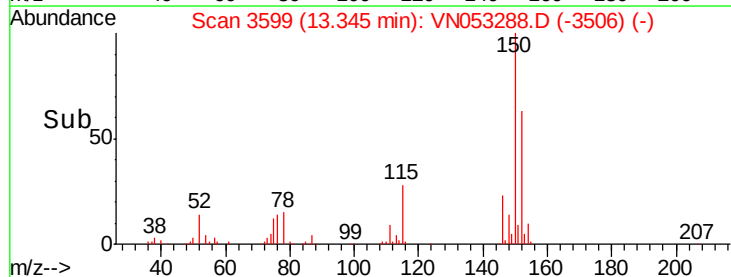
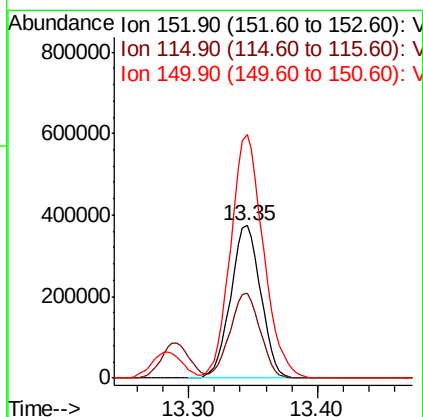
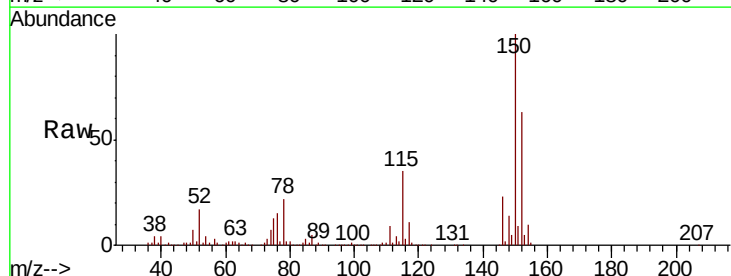
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

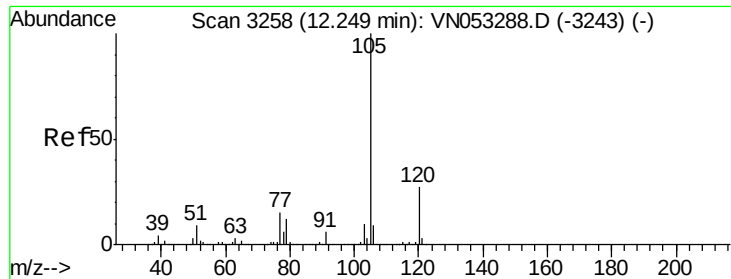
Tgt Ion:173 Resp: 347461
Ion Ratio Lower Upper
173 100
175 48.5 24.3 72.8
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053288.D
Acq: 4 Jan 2019 18:35

Tgt Ion:152 Resp: 606439
Ion Ratio Lower Upper
152 100
115 56.0 28.0 84.0
150 173.3 0.0 346.6





#73

Isopropylbenzene

Concen: 48.519 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

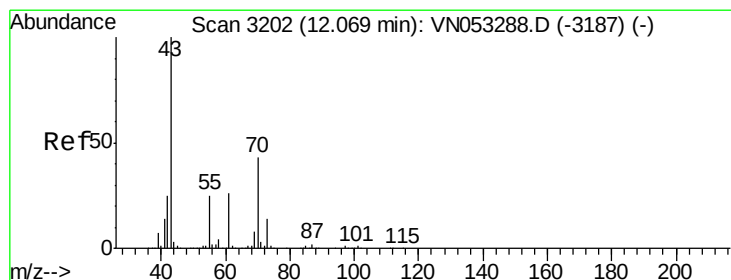
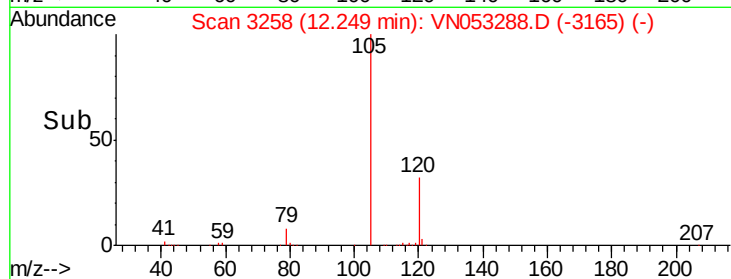
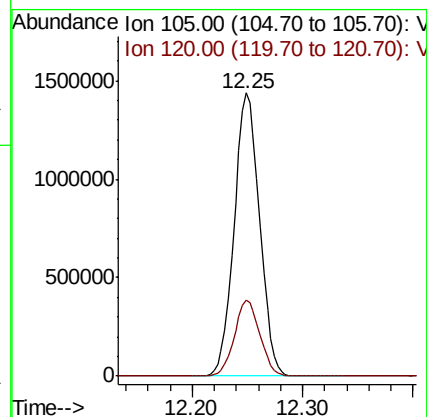
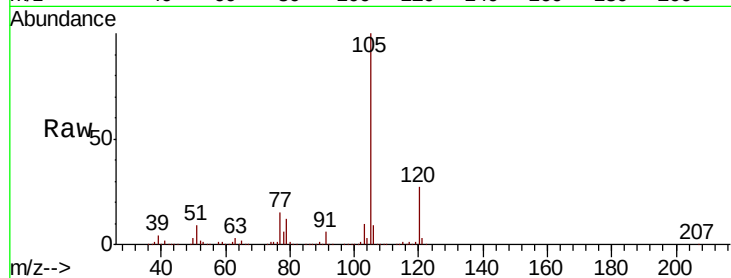
VSTDICCC050

Tgt Ion: 105 Resp: 2297851

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 52.754 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

Tgt Ion: 43 Resp: 701688

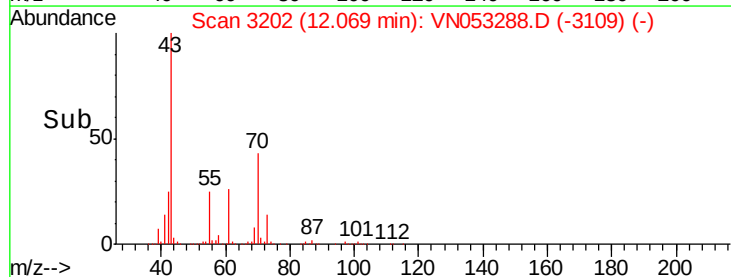
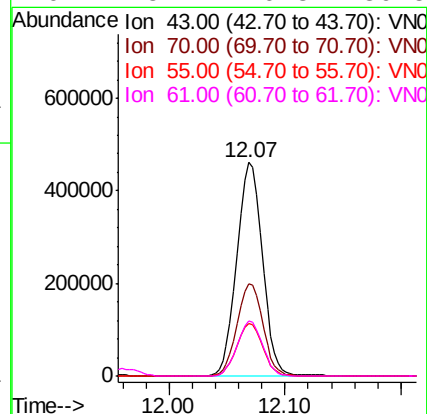
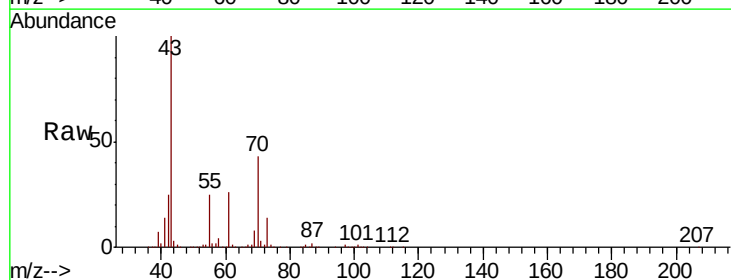
Ion Ratio Lower Upper

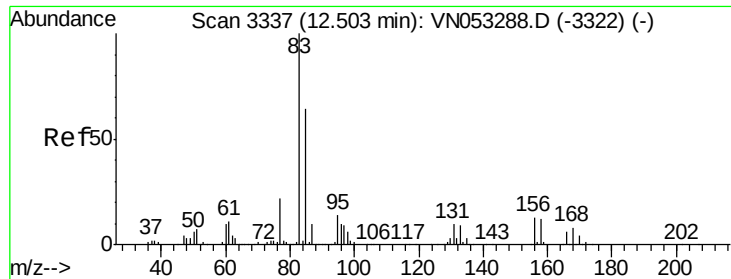
43 100

70 43.8 35.0 52.6

55 25.0 20.0 30.0

61 25.4 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 53.346 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

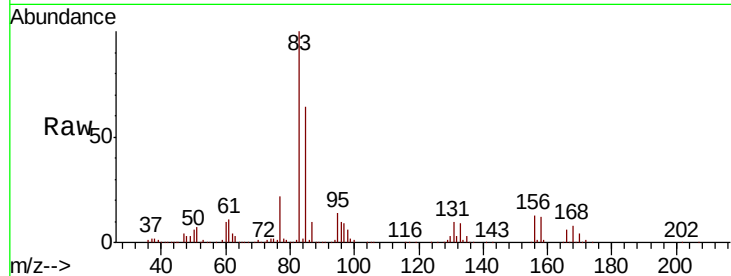
Tgt Ion: 83 Resp: 508631

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

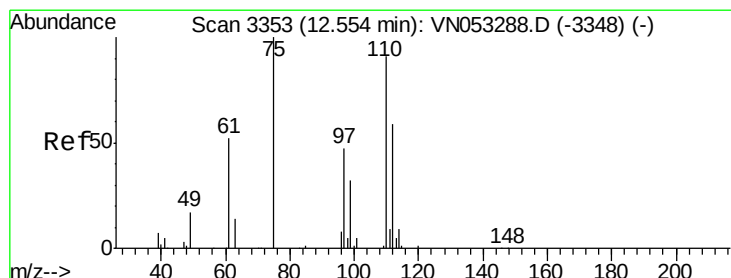
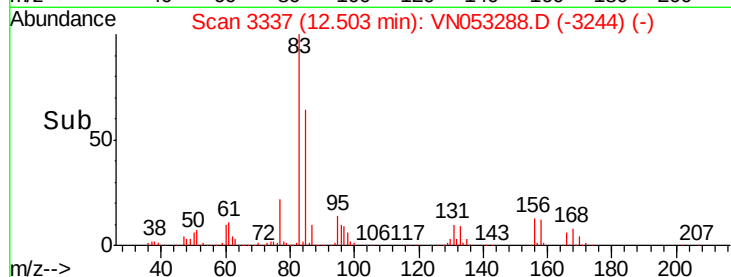
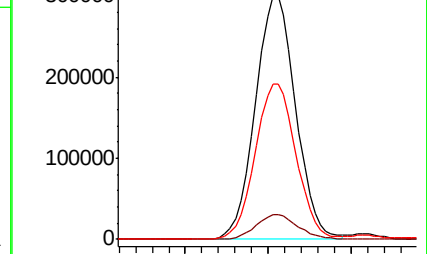
85 64.5 32.3 96.8



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) (-)



#76

1,2,3-Trichloropropane

Concen: 69.388 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053288.D

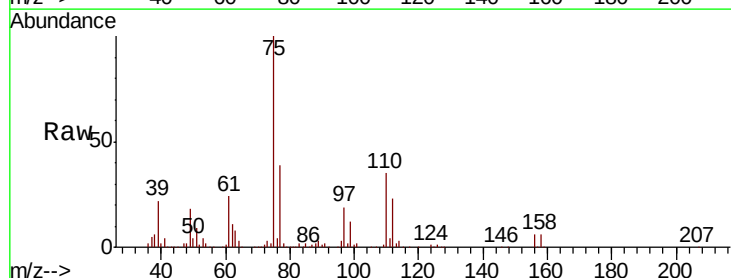
Acq: 4 Jan 2019 18:35

Tgt Ion: 75 Resp: 694663

Ion Ratio Lower Upper

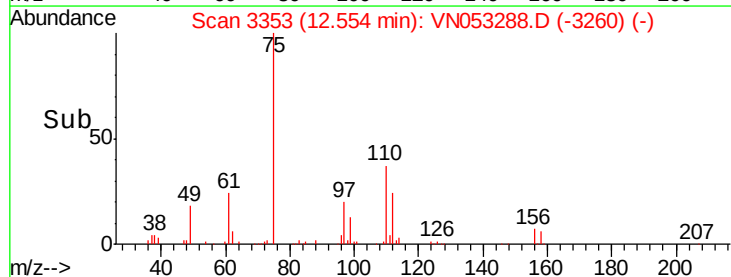
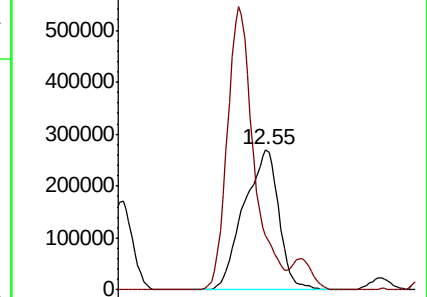
75 100

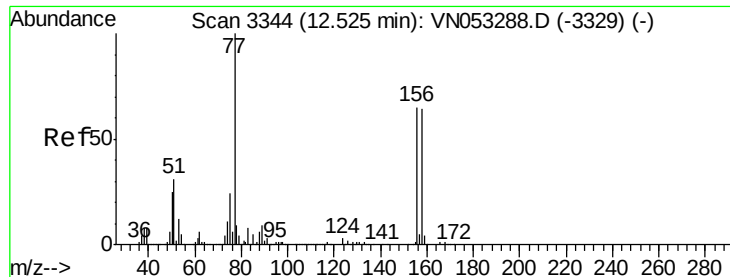
77 0.0 0.0 0.0



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

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





#77

Bromobenzene

Concen: 48.736 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

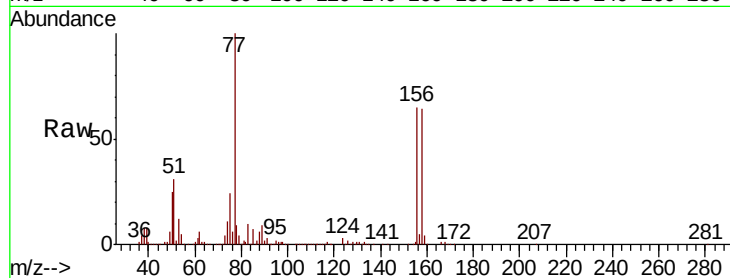
Tgt Ion:156 Resp: 600908

Ion Ratio Lower Upper

156 100

77 178.7 89.3 268.1

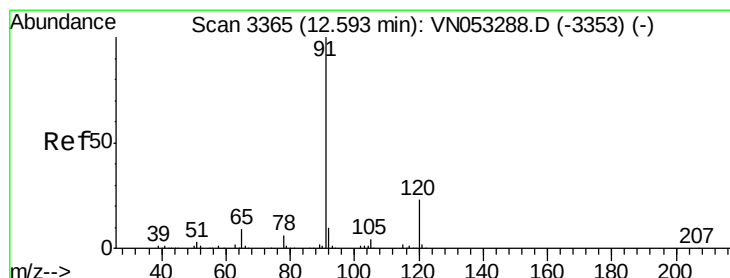
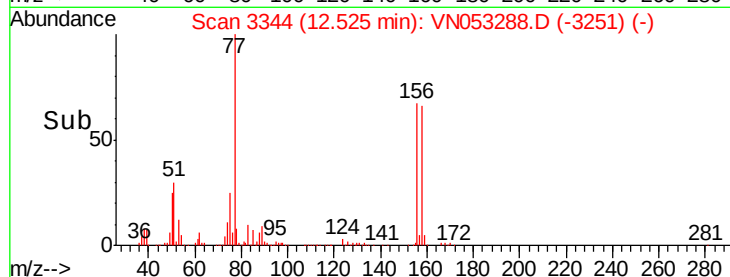
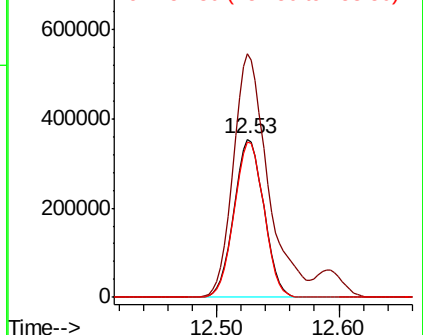
158 97.9 48.9 146.8



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: 48.584 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053288.D

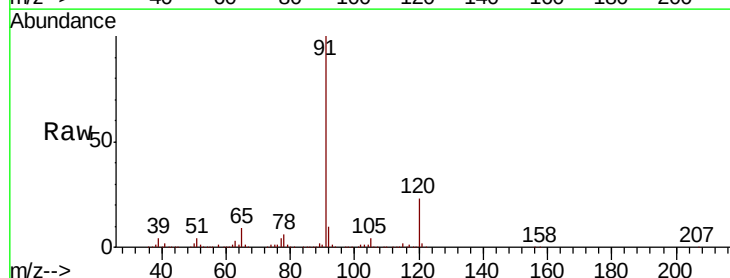
Acq: 4 Jan 2019 18:35

Tgt Ion: 91 Resp: 2619797

Ion Ratio Lower Upper

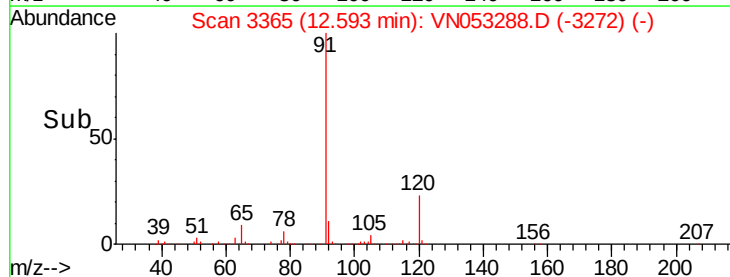
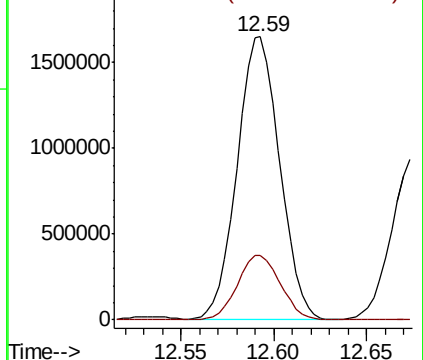
91 100

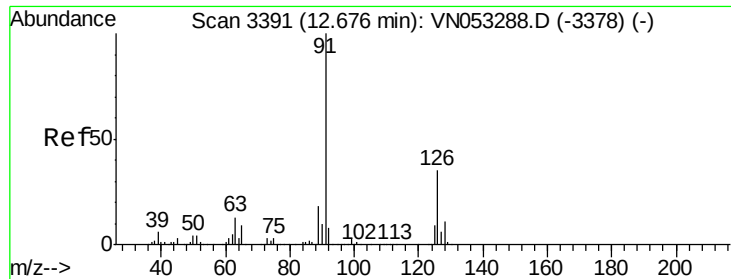
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

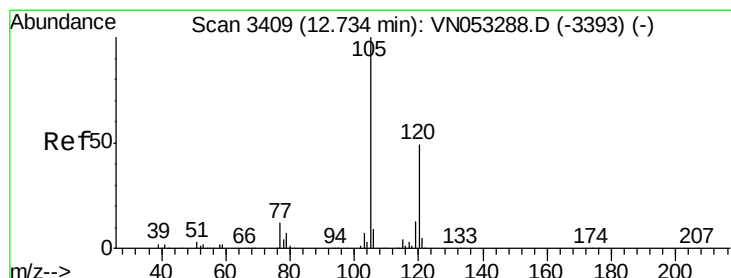
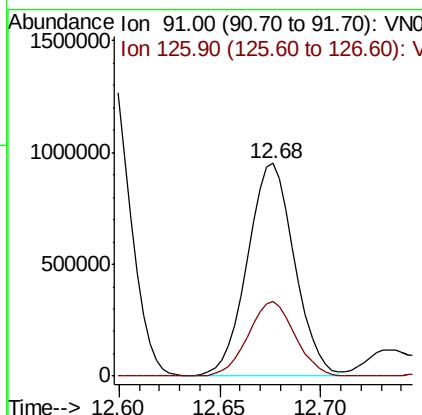
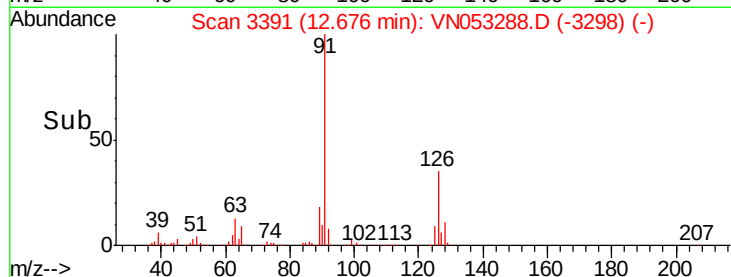
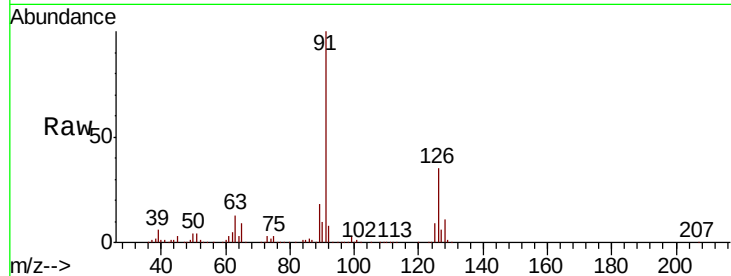




#79
 2-Chlorotoluene
 Concen: 46.275 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN053288.D
 Acq: 4 Jan 2019 18:35

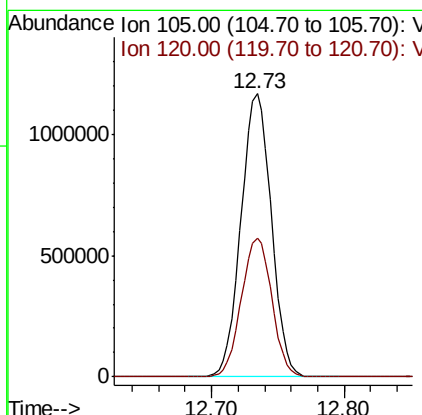
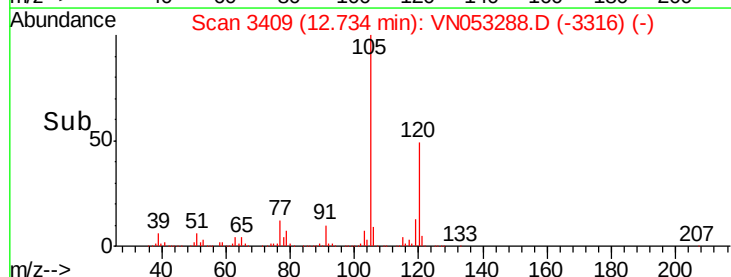
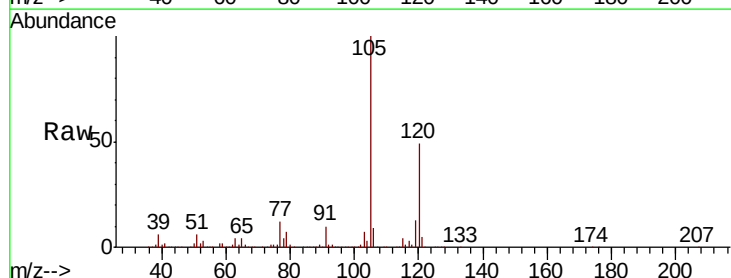
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

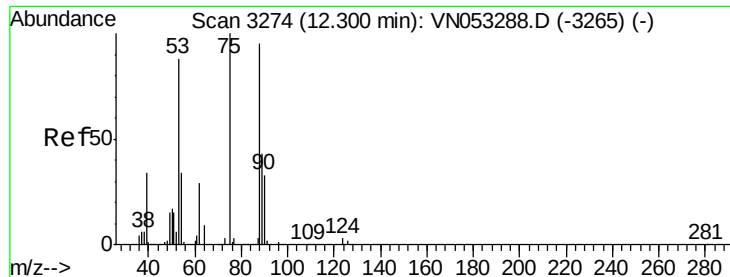
Tgt Ion: 91 Resp: 1547673
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 47.985 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053288.D
 Acq: 4 Jan 2019 18:35

Tgt Ion: 105 Resp: 1850192
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 50.776 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

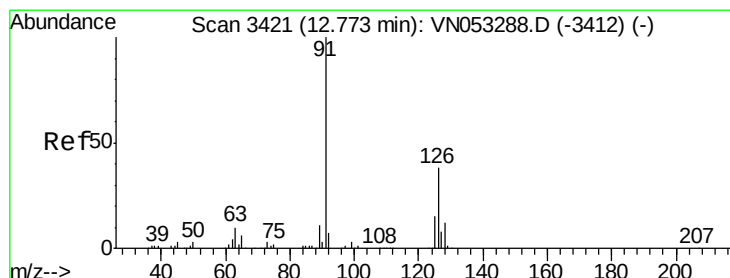
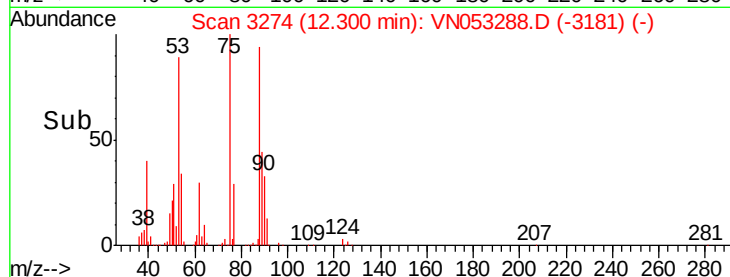
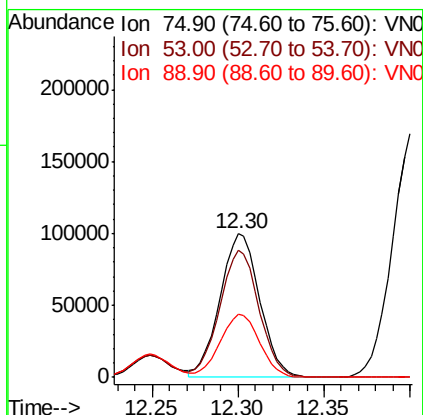
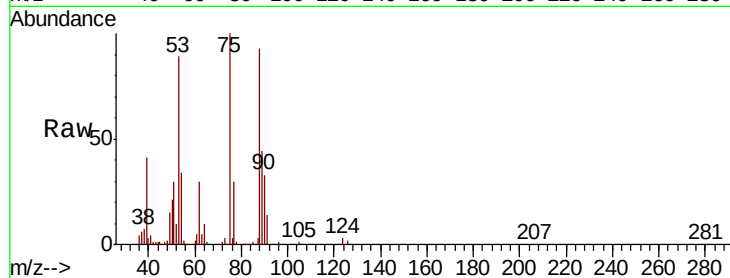
Tgt Ion: 75 Resp: 160519

Ion Ratio Lower Upper

75 100

53 88.1 70.5 105.7

89 44.2 35.4 53.0



#82

4-Chlorotoluene

Concen: 48.420 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053288.D

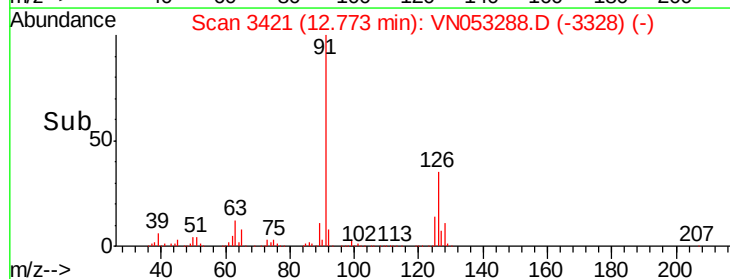
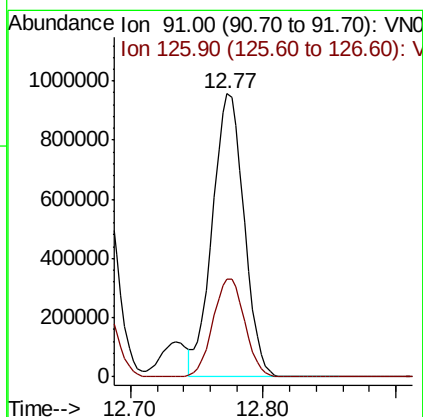
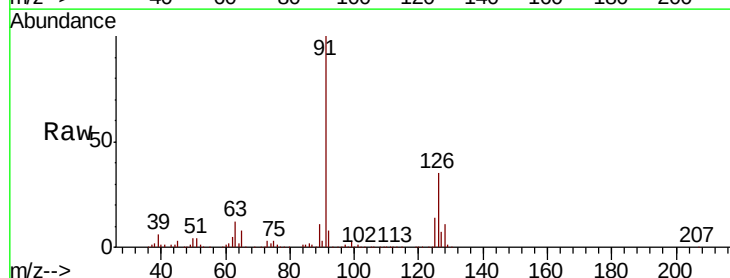
Acq: 4 Jan 2019 18:35

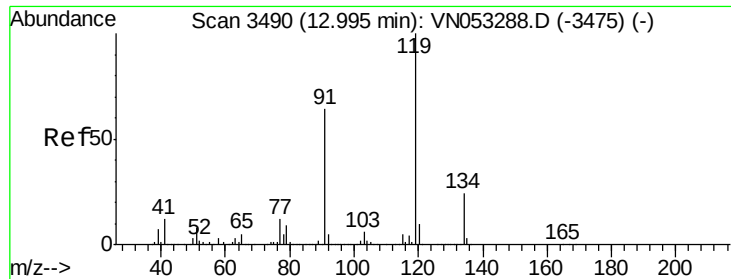
Tgt Ion: 91 Resp: 1586271

Ion Ratio Lower Upper

91 100

126 34.8 17.4 52.2

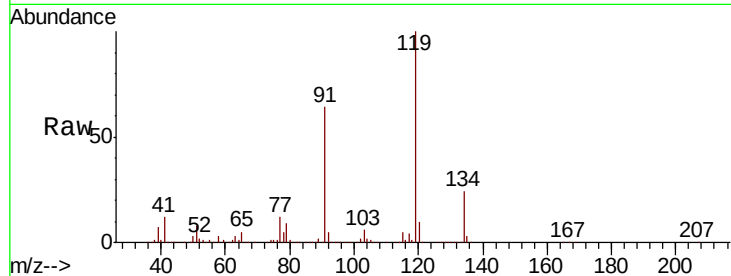




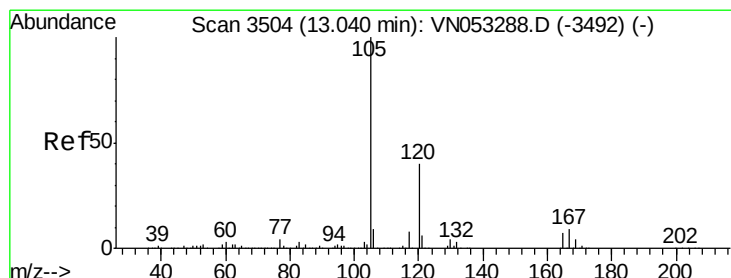
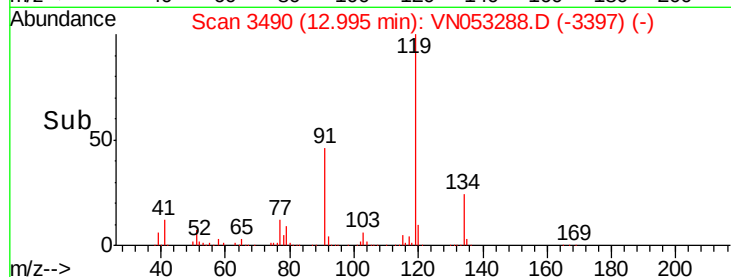
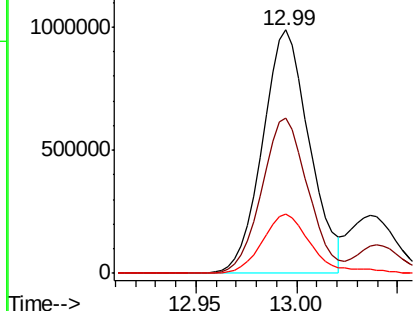
#83
 tert-Butylbenzene
 Concen: 46.872 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053288.D
 Acq: 4 Jan 2019 18:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:119 Resp: 1596178
 Ion Ratio Lower Upper
 119 100
 91 63.3 31.6 95.0
 134 25.7 12.9 38.6

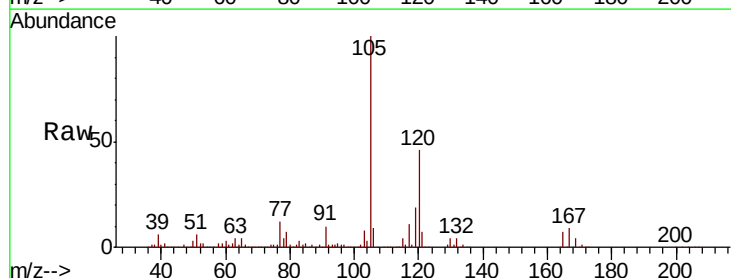


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

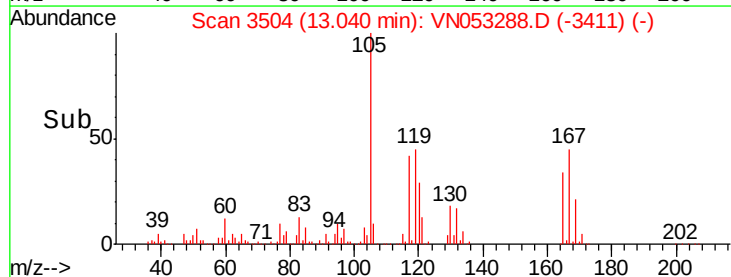
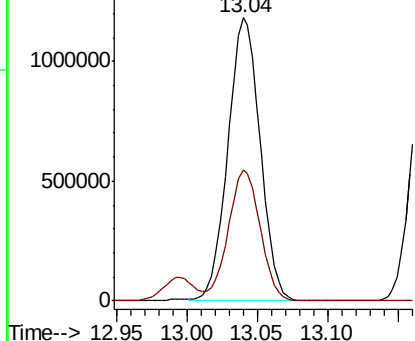


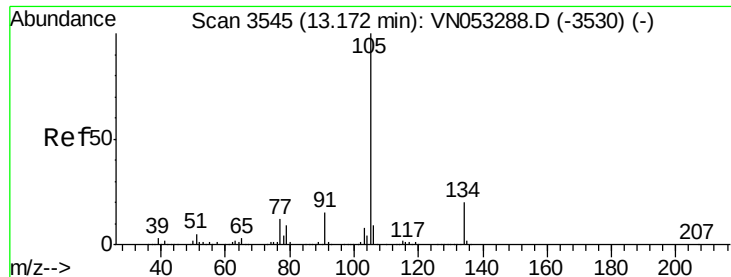
#84
 1,2,4-Trimethylbenzene
 Concen: 48.626 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053288.D
 Acq: 4 Jan 2019 18:35

Tgt Ion:105 Resp: 1885752
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.0 69.0



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





#85

sec-Butylbenzene

Concen: 46.365 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampled :

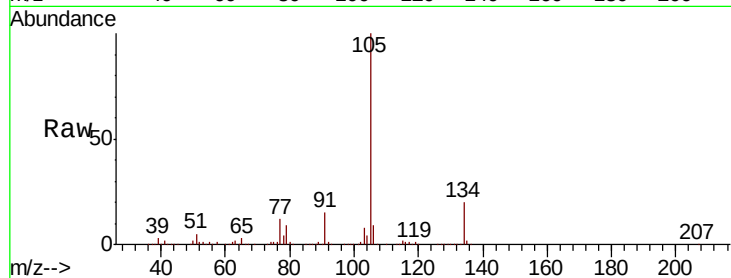
VSTDICCC050

Tgt Ion:105 Resp: 2131234

Ion Ratio Lower Upper

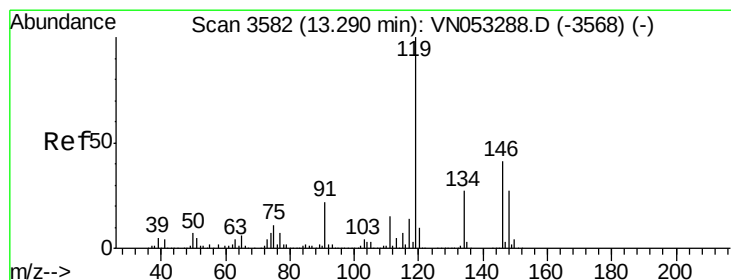
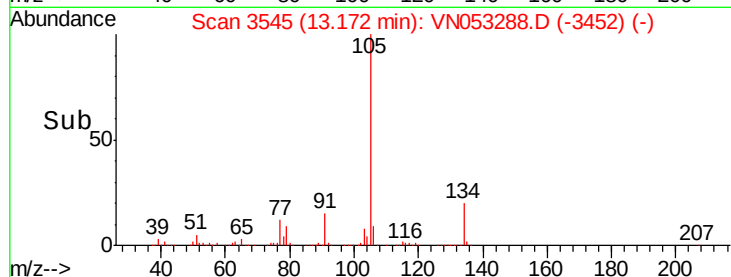
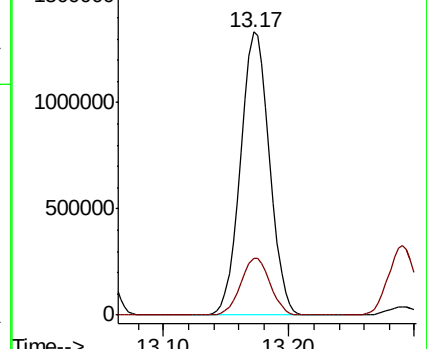
105 100

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: 47.104 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053288.D

Acq: 4 Jan 2019 18:35

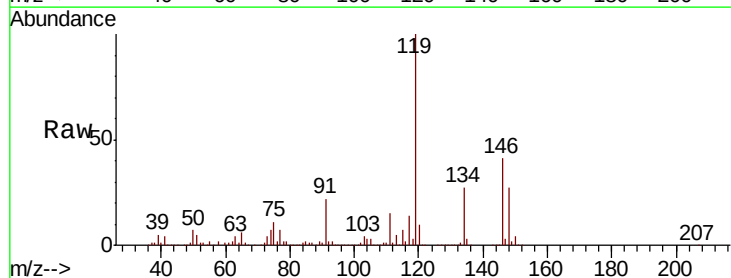
Tgt Ion:119 Resp: 1871060

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

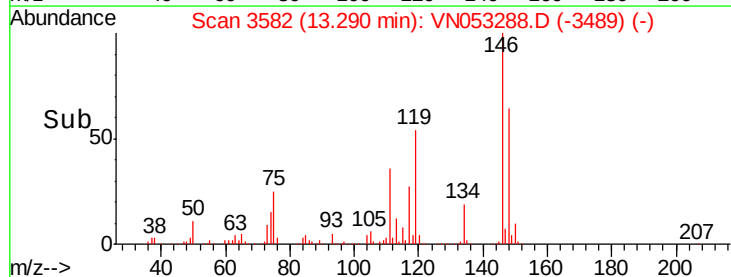
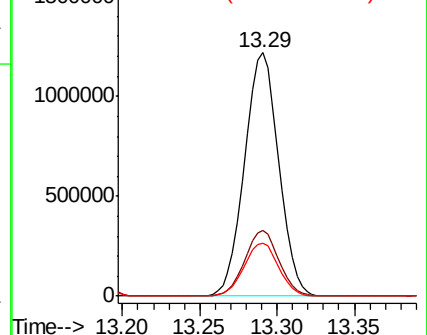
91 22.1 11.1 33.1

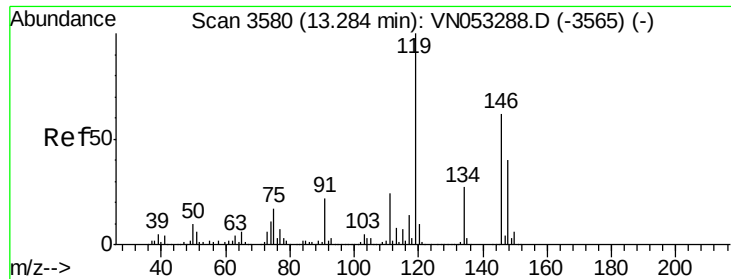


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

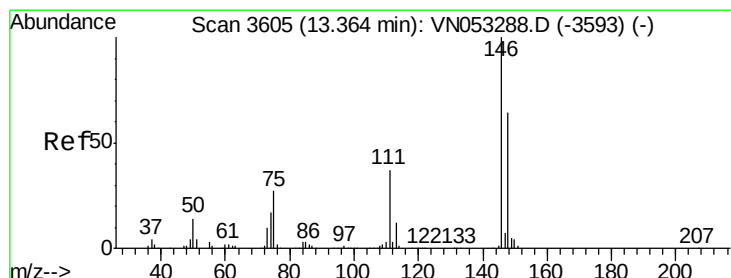
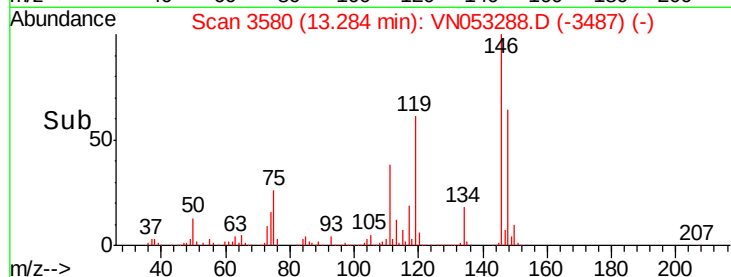
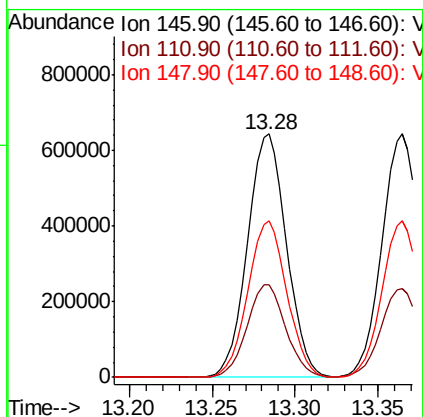
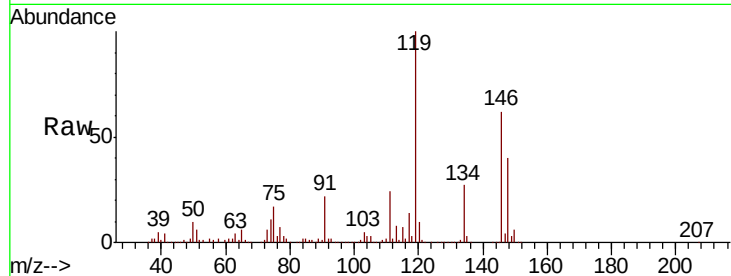




#87
 1,3-Dichlorobenzene
 Concen: 48.240 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN053288.D
 Acq: 4 Jan 2019 18:35

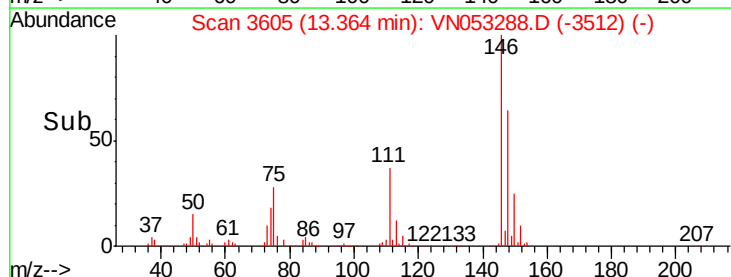
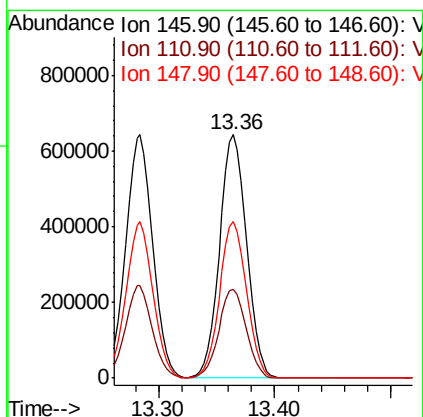
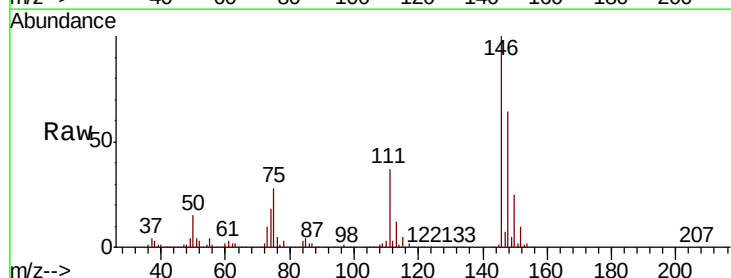
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

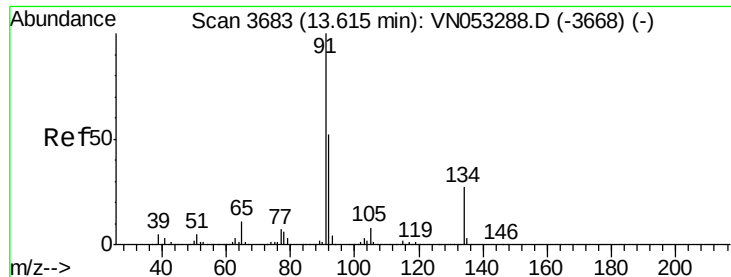
Tgt Ion:146 Resp: 1051091
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.5
 148 64.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 46.998 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053288.D
 Acq: 4 Jan 2019 18:35

Tgt Ion:146 Resp: 1037856
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.8
 148 64.0 32.0 96.0

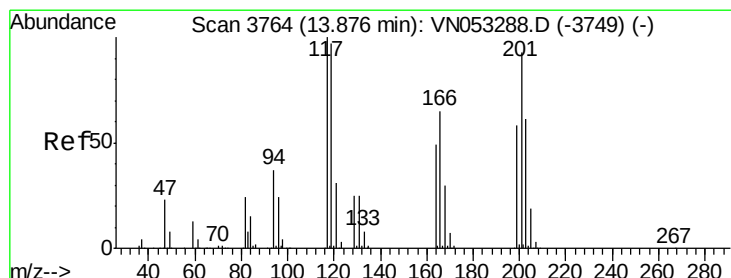
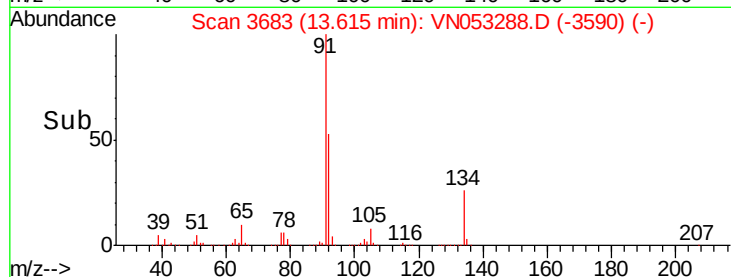
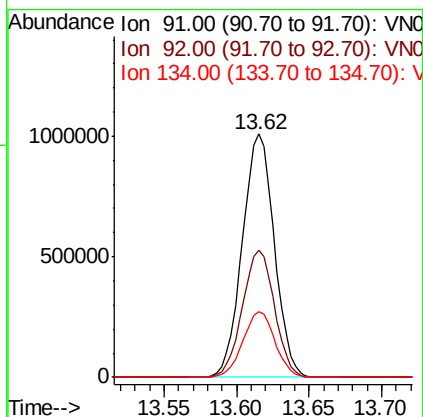
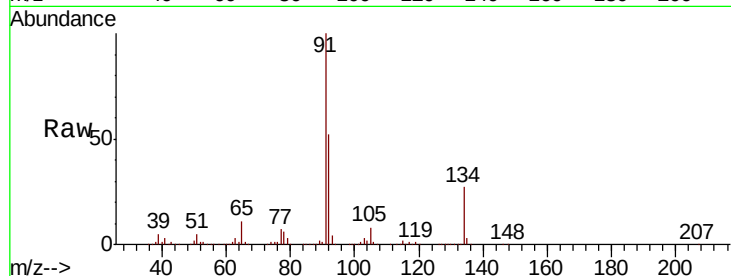




#89
n-Butylbenzene
Concen: 45.412 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053288.D
Acq: 4 Jan 2019 18:35

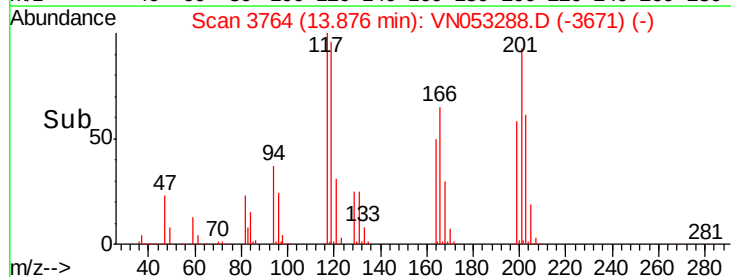
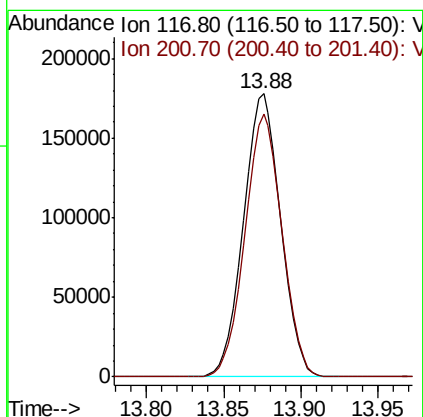
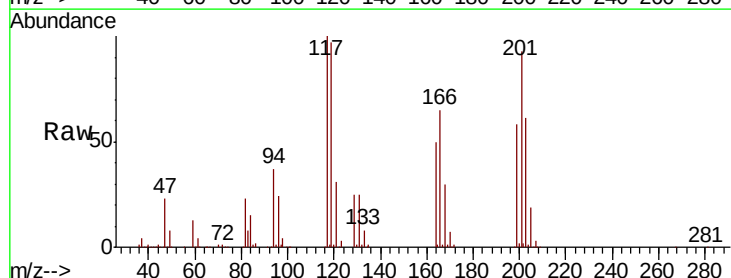
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

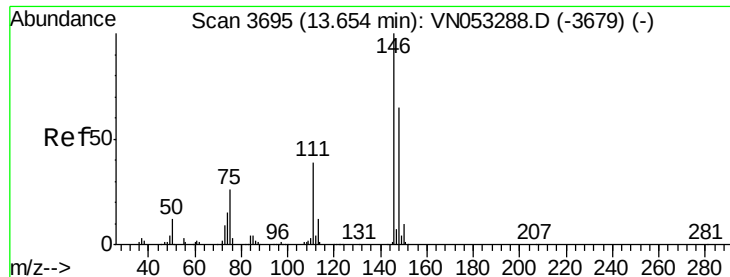
Tgt Ion: 91 Resp: 1548933
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.8
134 27.0 13.5 40.5



#90
Hexachloroethane
Concen: 48.640 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN053288.D
Acq: 4 Jan 2019 18:35

Tgt Ion: 117 Resp: 298110
Ion Ratio Lower Upper
117 100
201 92.2 46.1 138.3

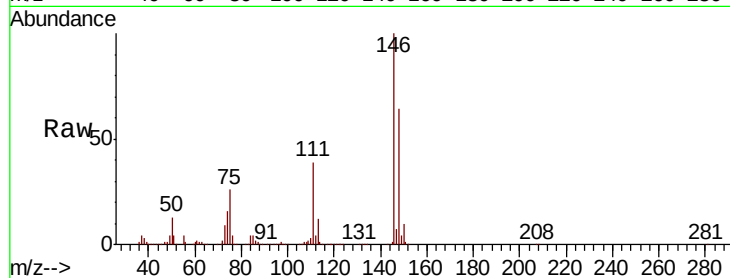




#91
 1,2-Dichlorobenzene
 Concen: 48.580 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053288.D
 Acq: 4 Jan 2019 18:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.2
148	64.4	32.2	96.6

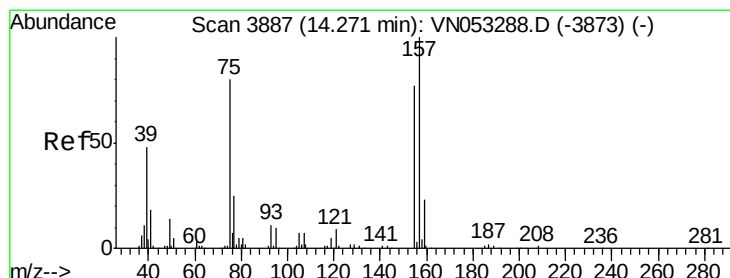
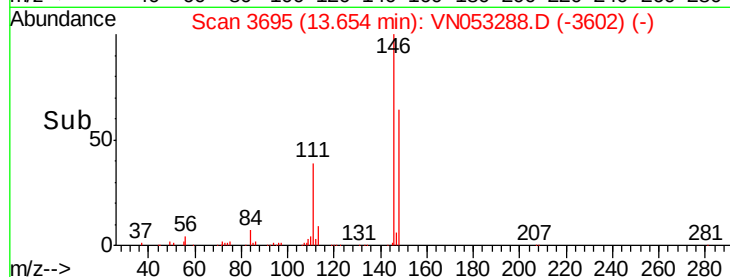
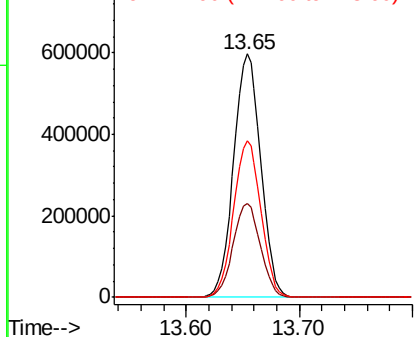


Abundance

Ion 145.90 (145.60 to 146.60): V

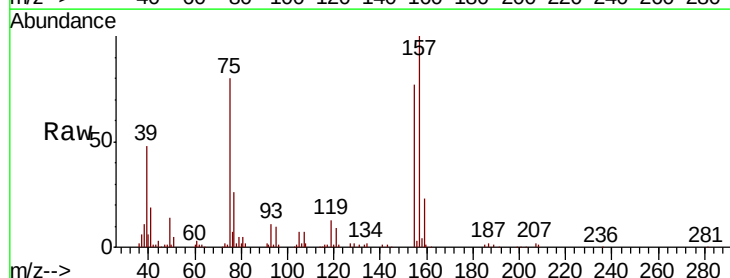
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.444 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053288.D
 Acq: 4 Jan 2019 18:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.2	48.1	144.3
157	122.9	61.5	184.4

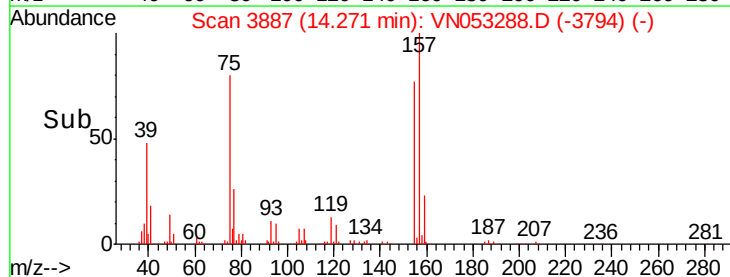
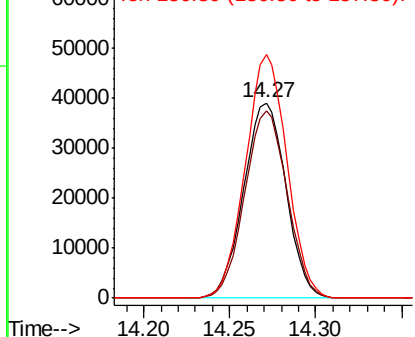


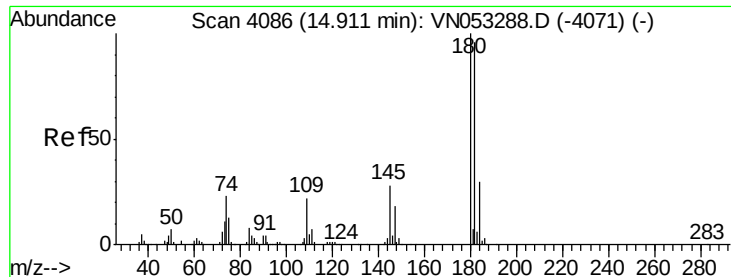
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

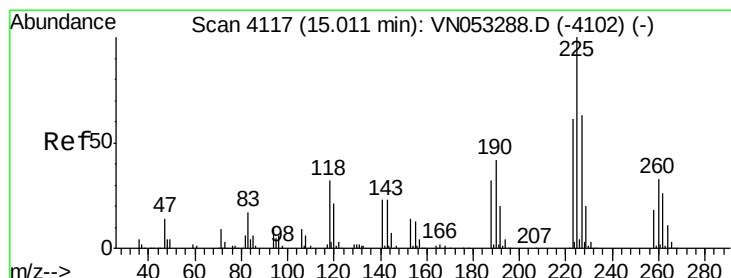
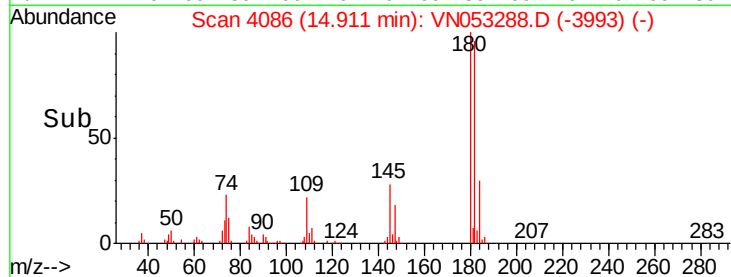
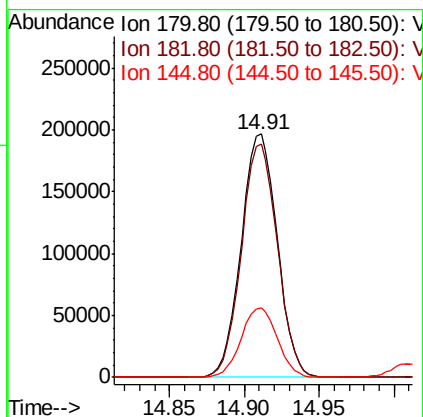
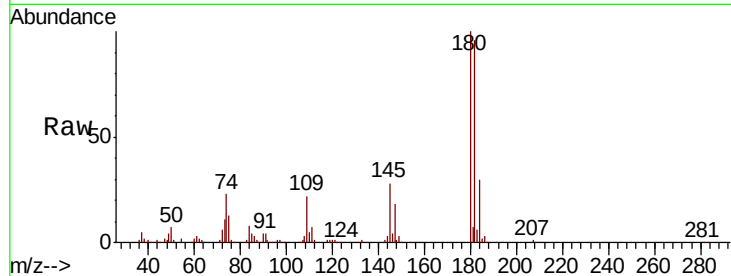




#93
 1,2,4-Trichlorobenzene
 Concen: 28.599 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053288.D
 Acq: 4 Jan 2019 18:35

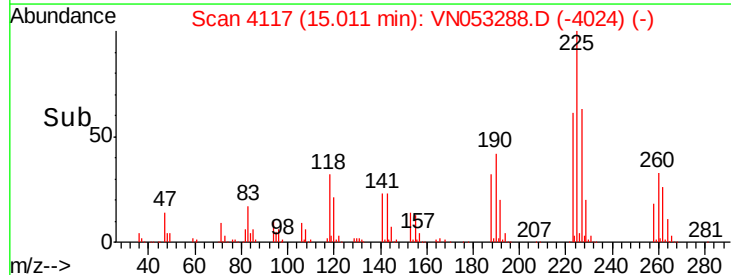
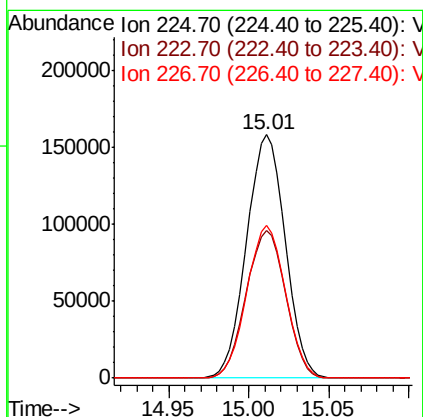
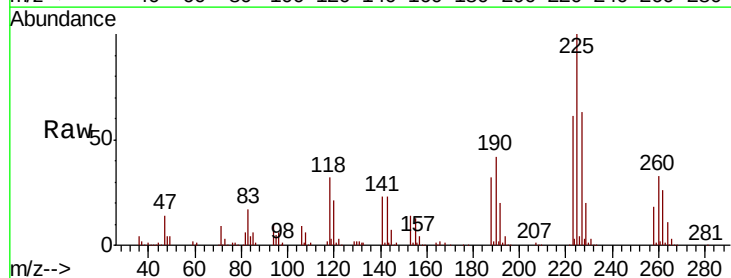
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

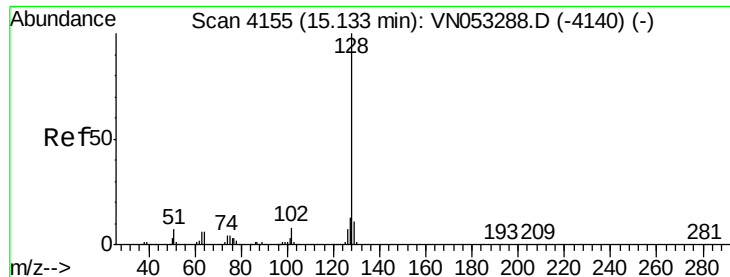
Tgt Ion:180 Resp: 330429
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.8 143.4
 145 28.7 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 37.451 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053288.D
 Acq: 4 Jan 2019 18:35

Tgt Ion:225 Resp: 261946
 Ion Ratio Lower Upper
 225 100
 223 61.9 30.9 92.8
 227 62.8 31.4 94.2

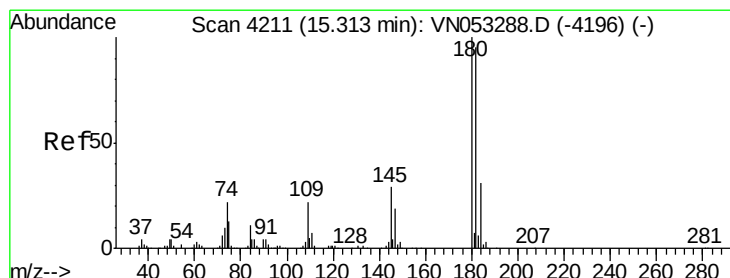
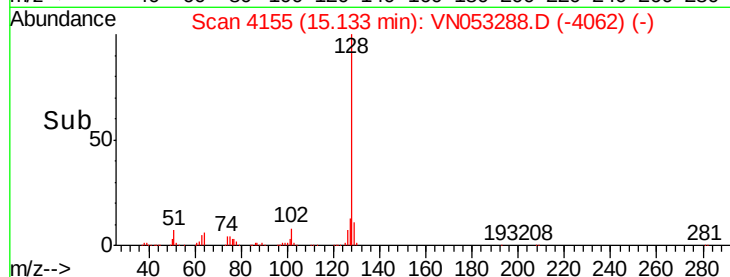
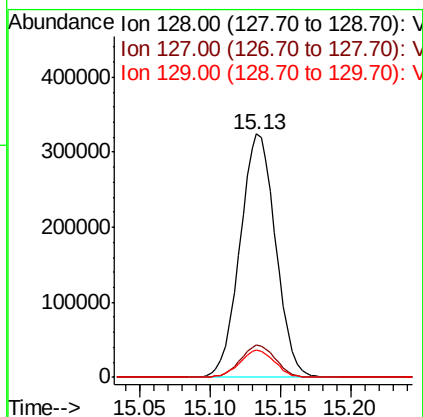
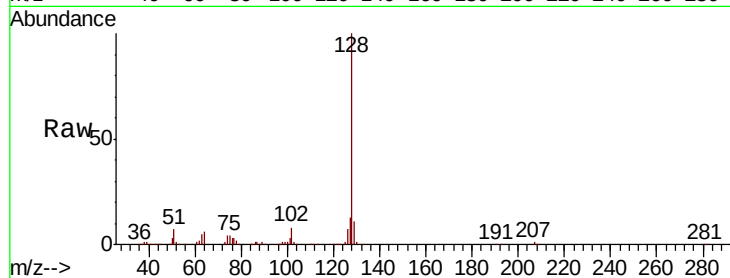




#95
Naphthalene
Concen: 22.887 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053288.D
Acq: 4 Jan 2019 18:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 573555
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.250 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN053288.D
Acq: 4 Jan 2019 18:35

Tgt Ion:180 Resp: 212550
Ion Ratio Lower Upper
180 100
182 96.7 48.4 145.0
145 29.7 14.9 44.5

