

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052893.D
 Acq On : 14 Dec 2018 17:18
 Operator : MD\SY
 Sample : VN1214WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 15 02:59:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1144211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1766249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1576687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	720861	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	589501	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
35) Dibromofluoromethane	7.59	113	384776	39.03	ug/l	0.00
Spiked Amount			Recovery	=	78.06%	
50) Toluene-d8	10.09	98	2120828	49.61	ug/l	0.00
Spiked Amount			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.40	95	727417	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	227681	19.330	ug/l	99
3) Chloromethane	2.06	50	273503	19.347	ug/l	99
4) Vinyl Chloride	2.19	62	275444	19.476	ug/l	99
5) Bromomethane	2.58	94	168878	19.360	ug/l	99
6) Chloroethane	2.71	64	165522	19.800	ug/l	99
7) Trichlorofluoromethane	3.03	101	343399	19.584	ug/l	100
8) Diethyl Ether	3.41	74	127861	19.990	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.77	101	213963	19.689	ug/l	98
10) Methyl Iodide	3.96	142	305435	20.070	ug/l	99
11) Tert butyl alcohol	4.78	59	63512	93.428	ug/l	100
12) 1,1-Dichloroethene	3.74	96	209196	19.886	ug/l	98
13) Acrolein	3.61	56	21193	33.112	ug/l	99
14) Allyl chloride	4.33	41	319769	18.610	ug/l	99
15) Acrylonitrile	4.99	53	362536	95.061	ug/l	99
16) Acetone	3.82	43	214696	78.573	ug/l	95
17) Carbon Disulfide	4.06	76	599451	18.549	ug/l	99
18) Methyl Acetate	4.33	43	196043	19.549	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	558650	19.561	ug/l	100
20) Methylene Chloride	4.56	84	236713	19.250	ug/l	100
21) trans-1,2-Dichloroethene	5.05	96	221357	19.422	ug/l	95
22) Diisopropyl ether	5.95	45	714372	19.488	ug/l	98
23) Vinyl Acetate	5.90	43	2037182	93.397	ug/l	99
24) 1,1-Dichloroethane	5.85	63	414601	19.613	ug/l	99
25) 2-Butanone	6.83	43	373281	88.042	ug/l	96
26) 2,2-Dichloropropane	6.83	77	309737	19.897	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	252863	19.548	ug/l	100
28) Bromochloromethane	7.20	49	185323	19.524	ug/l	98
29) Tetrahydrofuran	7.21	42	270694	93.522	ug/l	98
30) Chloroform	7.37	83	406279	19.709	ug/l	100
31) Cyclohexane	7.66	56	398104	18.950	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	340952	19.769	ug/l	99
36) 1,1-Dichloropropene	7.80	75	313733	19.289	ug/l	99
37) Ethyl Acetate	6.93	43	180492	18.473	ug/l	99
38) Carbon Tetrachloride	7.78	117	292285	19.523	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	380429	19.060	ug/l	99
40) Benzene	8.04	78	959642	19.658	ug/l	99
41) Methacrylonitrile	7.17	41	107531	19.862	ug/l	94
42) 1,2-Dichloroethane	8.13	62	283756	19.308	ug/l	99
43) Isopropyl Acetate	8.16	43	358664	17.904	ug/l	99
44) Trichloroethene	8.84	130	278873	21.149	ug/l	97
45) 1,2-Dichloropropane	9.12	63	249349	19.501	ug/l	100
46) Dibromomethane	9.21	93	142938	19.276	ug/l	98
47) Bromodichloromethane	9.40	83	302269	19.657	ug/l	97
48) Methyl methacrylate	9.20	41	171052	19.470	ug/l	99
49) 1,4-Dioxane	9.20	88	39586	396.968	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	881389	95.950	ug/l	99
52) Toluene	10.16	92	591154	19.994	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	307770	19.890	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	364461	19.766	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	206503	19.566	ug/l	99
56) Ethyl methacrylate	10.43	69	266788	19.697	ug/l	99
57) 1,3-Dichloropropane	10.71	76	355079	19.619	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	751760	99.469	ug/l	100
59) 2-Hexanone	10.75	43	589770	93.684	ug/l	99
60) Dibromochloromethane	10.90	129	223452	19.590	ug/l	99
61) 1,2-Dibromoethane	11.01	107	203044	19.462	ug/l	99
64) Tetrachloroethene	10.63	164	333547	24.614	ug/l	99
65) Chlorobenzene	11.43	112	643382	19.669	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	225732	19.842	ug/l	100
67) Ethyl Benzene	11.51	91	1118783	19.916	ug/l	100
68) m/p-Xylenes	11.62	106	845766	40.097	ug/l	99
69) o-Xylene	11.95	106	414622	20.130	ug/l	100
70) Styrene	11.96	104	674231	20.363	ug/l	100
71) Bromoform	12.13	173	148769	19.249	ug/l #	97
73) Isopropylbenzene	12.25	105	1087988	20.215	ug/l	99
74) N-amyl acetate	12.07	43	298320	20.189	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	191672	15.890	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	303484	28.535	ug/l #	100
77) Bromobenzene	12.53	156	278311	20.330	ug/l	98
78) n-propylbenzene	12.59	91	1238419	20.175	ug/l	100
79) 2-Chlorotoluene	12.67	91	737079	20.311	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	880306	20.261	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	67168	20.288	ug/l	98
82) 4-Chlorotoluene	12.77	91	740887	19.968	ug/l	100
83) tert-Butylbenzene	12.99	119	770498	20.103	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	880649	20.022	ug/l	100
85) sec-Butylbenzene	13.17	105	1046645	20.165	ug/l	100
86) p-Isopropyltoluene	13.29	119	901955	20.057	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	477884	19.644	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	474003	19.675	ug/l	99
89) n-Butylbenzene	13.62	91	740125	19.551	ug/l	100
90) Hexachloroethane	13.88	117	133022	17.666	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	453032	19.359	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33873	18.629	ug/l	98

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QLast Update : Thu Dec 13 01:08:35 2018
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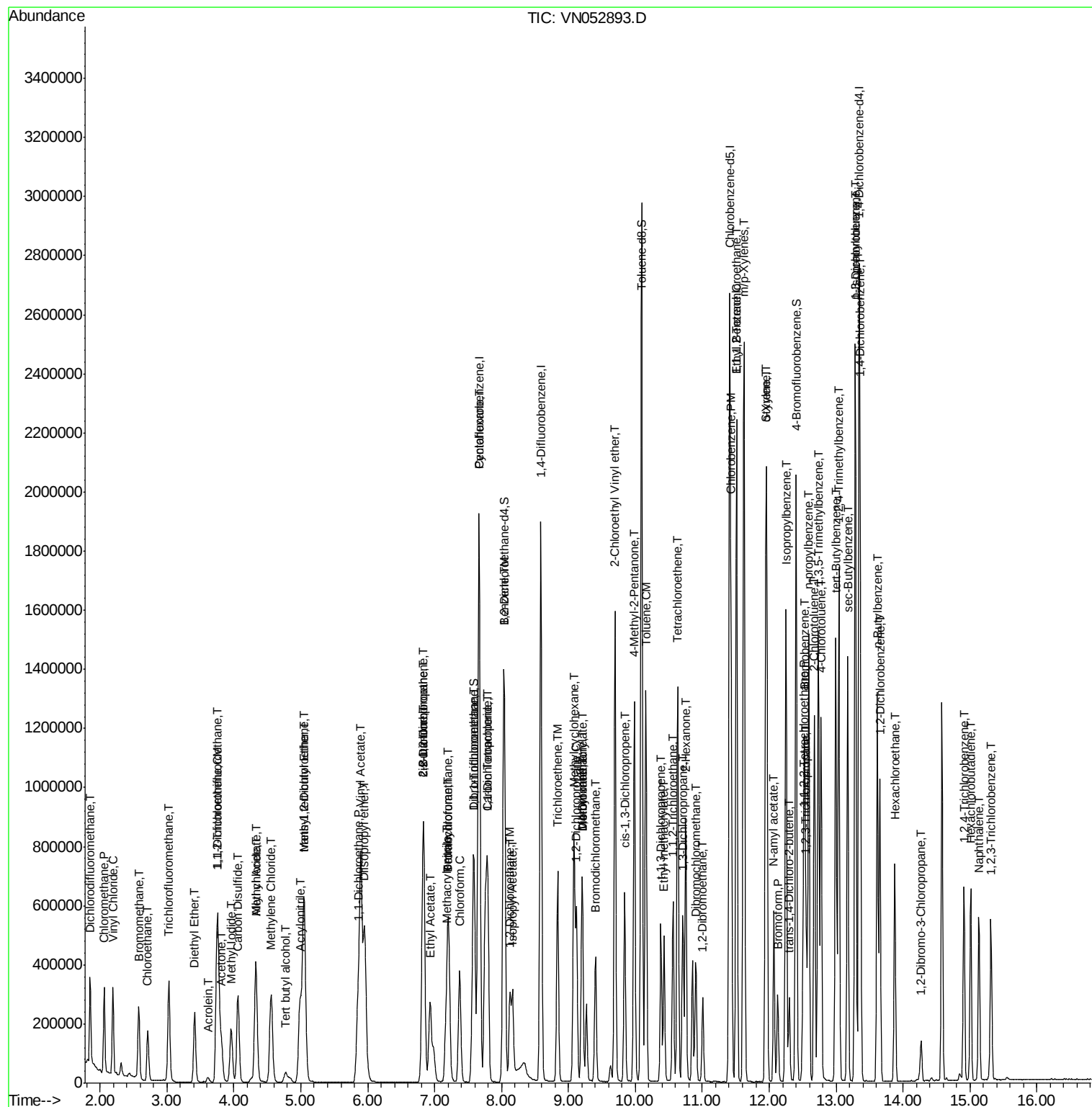
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	232404	18.270	ug/l	100
94) Hexachlorobutadiene	15.01	225	137247	18.641	ug/l	99
95) Naphthalene	15.13	128	492870	18.708	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	204286	17.502	ug/l	99

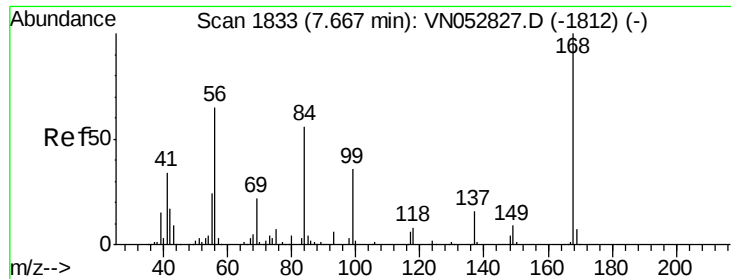
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

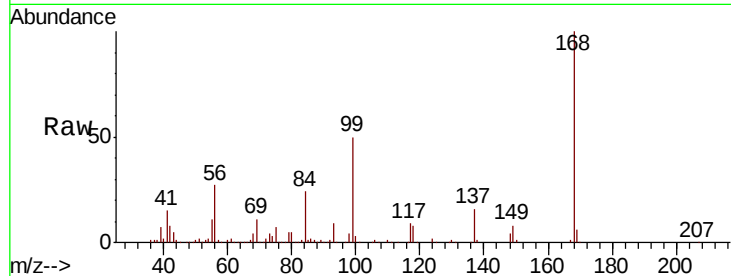
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1144211

Ion Ratio Lower Upper

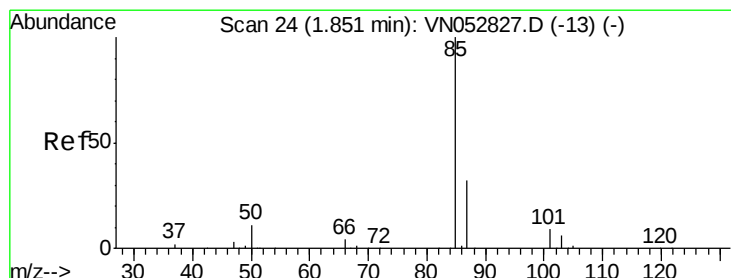
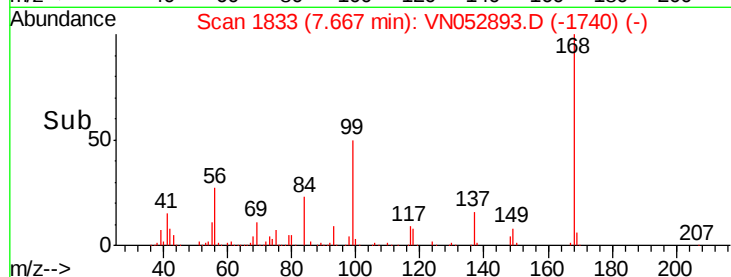
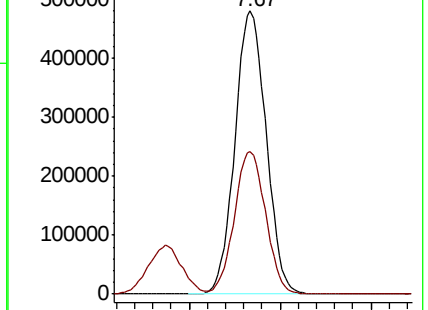
168 100

99 50.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 19.330 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN052893.D

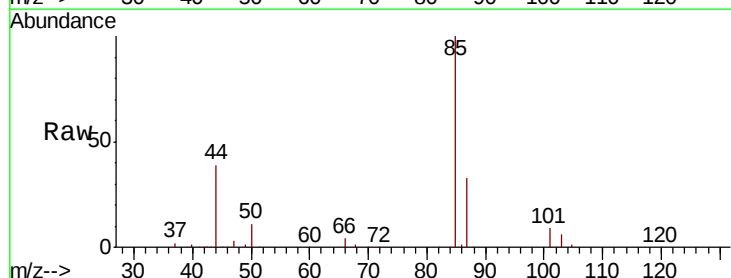
Acq: 14 Dec 2018 17:18

Tgt Ion: 85 Resp: 227681

Ion Ratio Lower Upper

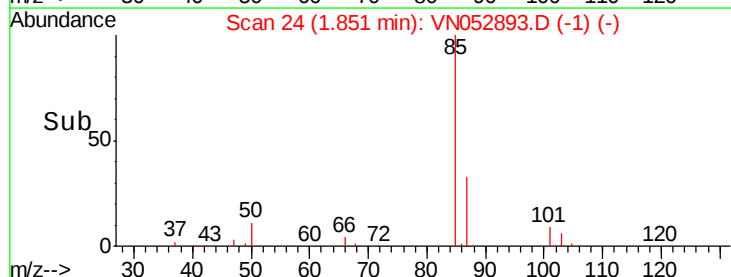
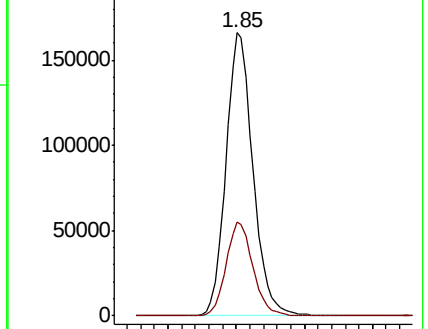
85 100

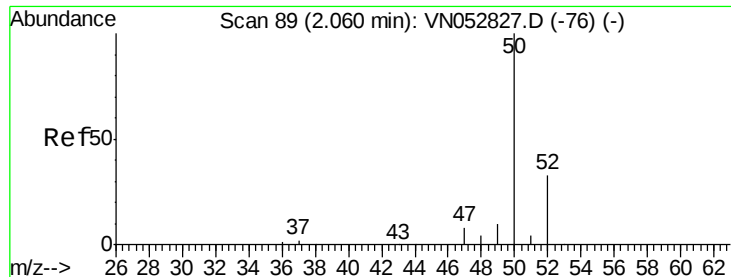
87 33.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 19.347 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

Instrument :

MSVOA_N

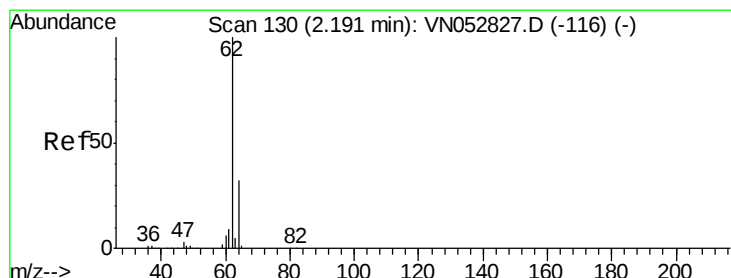
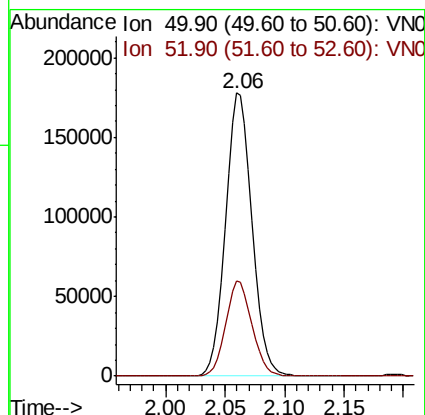
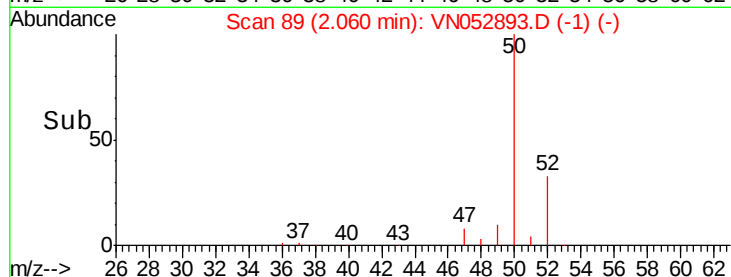
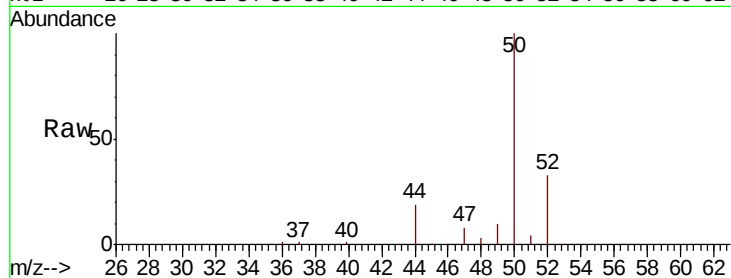
ClientSampled :

Tot Ion: 50 Resp: 273503

Ion Ratio Lower Upper

50 100

52 33.5 26.2 39.4



#4

Vinyl Chloride

Concen: 19.476 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN052893.D

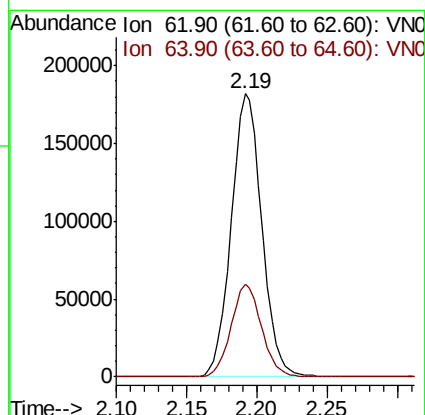
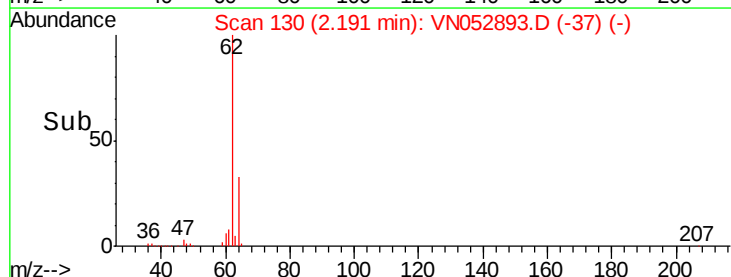
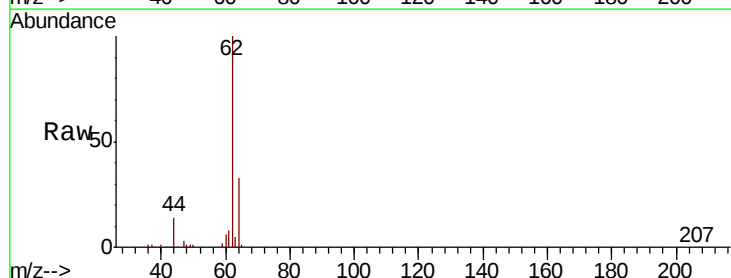
Acq: 14 Dec 2018 17:18

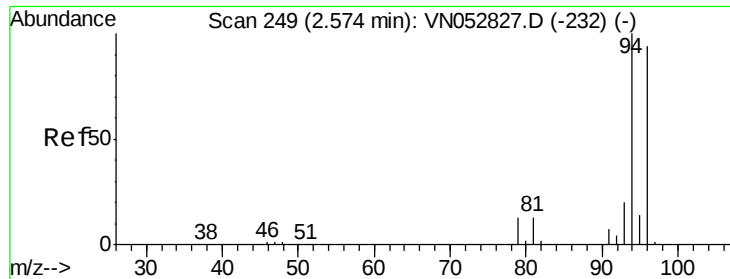
Tgt Ion: 62 Resp: 275444

Ion Ratio Lower Upper

62 100

64 32.6 25.5 38.3

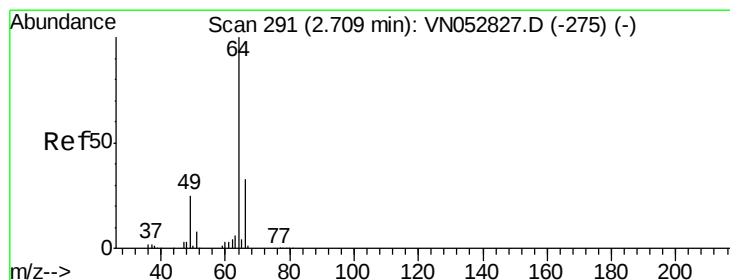
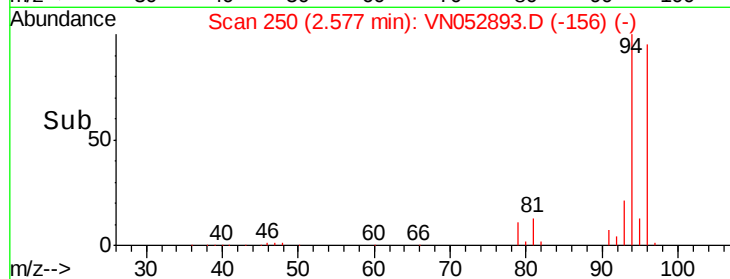
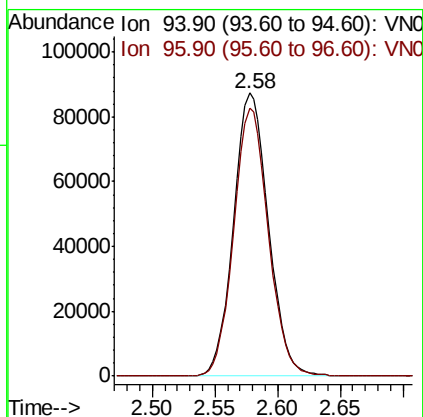
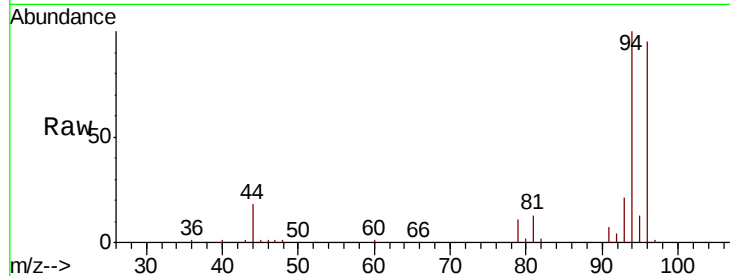




#5
Bromomethane
Concen: 19.360 ug/l
RT: 2.58 min Scan# 250
Delta R.T. 0.00 min
Lab File: VN052893.D
Acq: 14 Dec 2018 17:18

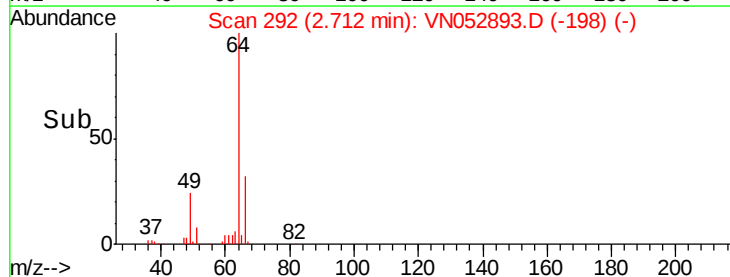
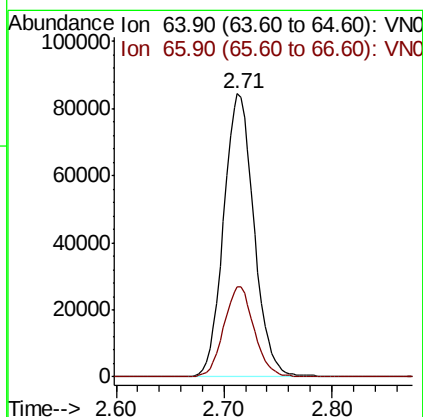
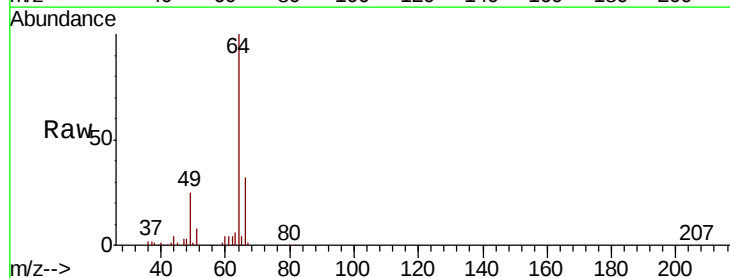
Instrument :
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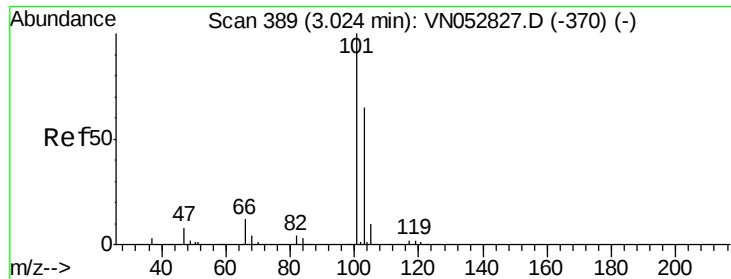
Tot Ion: 94 Resp: 168878
Ion Ratio Lower Upper
94 100
96 94.6 75.0 112.4



#6
Chloroethane
Concen: 19.800 ug/l
RT: 2.71 min Scan# 292
Delta R.T. 0.00 min
Lab File: VN052893.D
Acq: 14 Dec 2018 17:18

Tgt Ion: 64 Resp: 165522
Ion Ratio Lower Upper
64 100
66 32.0 26.2 39.2



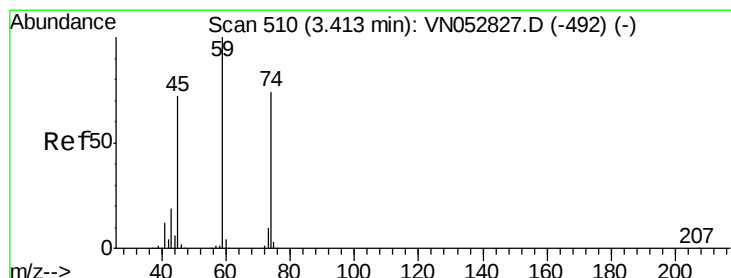
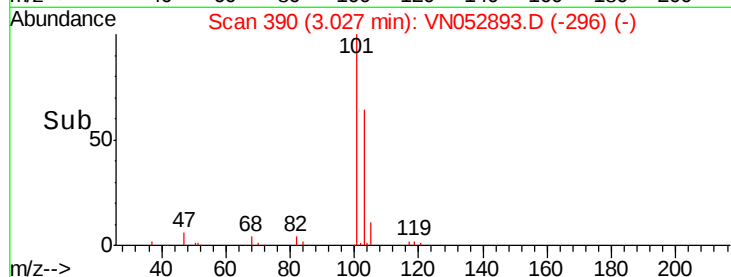
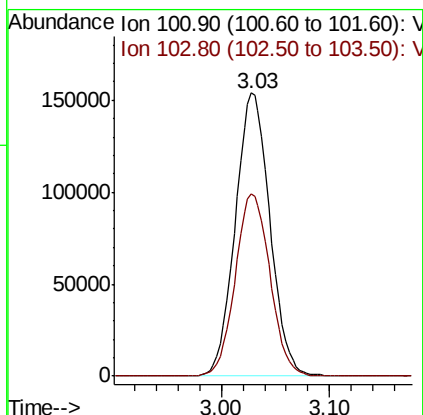
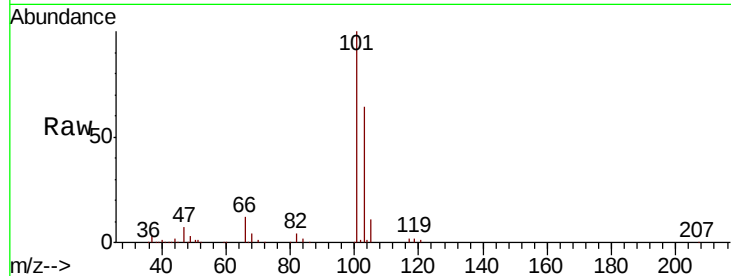


#7

Trichlorofluoromethane
 Concen: 19.584 ug/l
 RT: 3.03 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VN052893.D
 Acq: 14 Dec 2018 17:18

Instrument :
 MSVOA_N
 ClientSampleId :

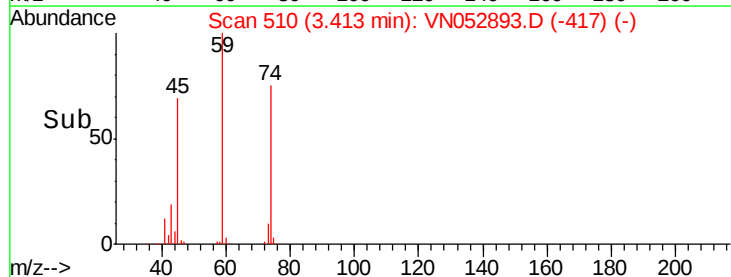
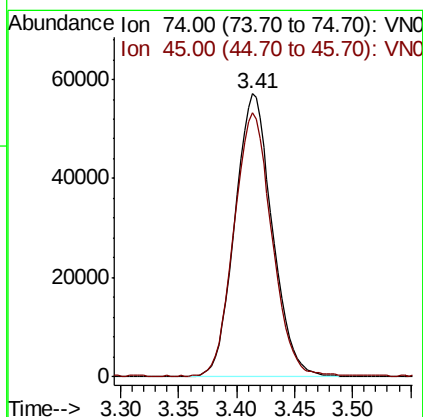
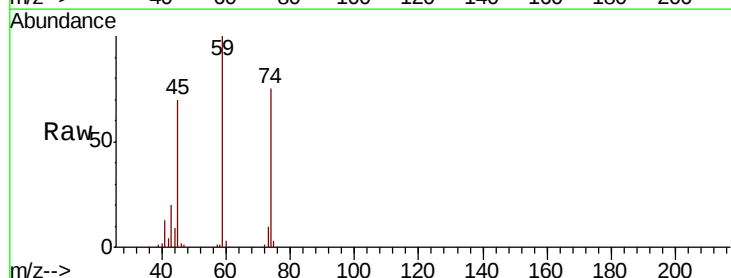
Tot Ion:101 Resp: 343399
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.8 77.6

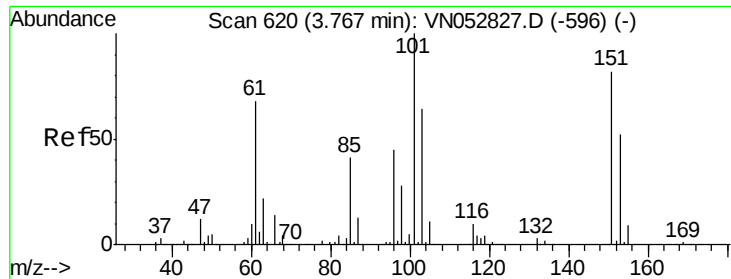


#8

Diethyl Ether
 Concen: 19.990 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN052893.D
 Acq: 14 Dec 2018 17:18

Tgt Ion: 74 Resp: 127861
 Ion Ratio Lower Upper
 74 100
 45 93.5 49.4 148.0

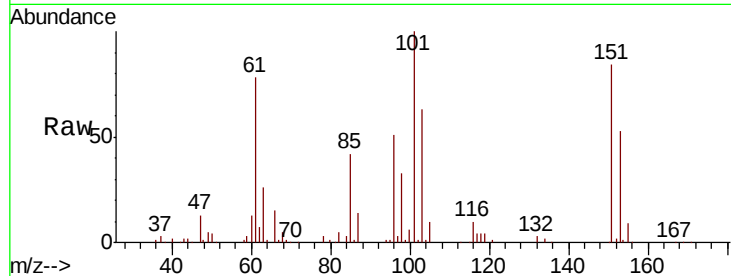




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.689 ug/l
 RT: 3.77 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: VN052893.D
 Acq: 14 Dec 2018 17:18

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Tot Ion	Ratio	Lower	Upper
101	100		
85	42.0	33.6	50.4
151	84.4	65.5	98.3

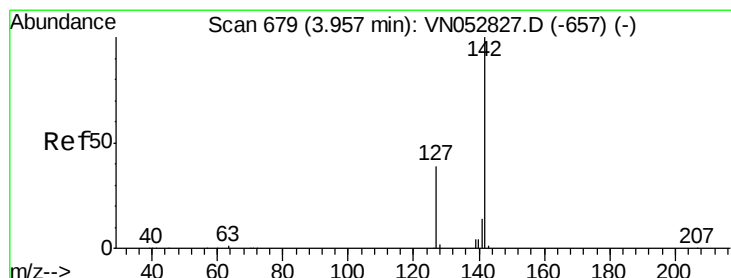
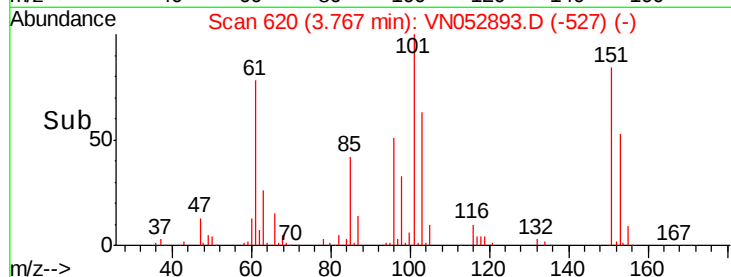
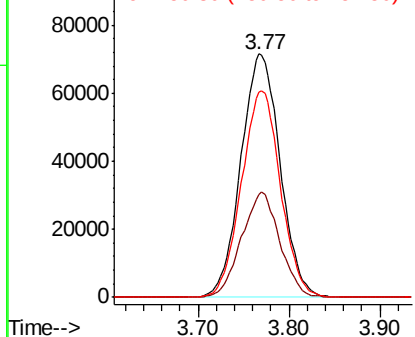


Abundance

Ion 100.90 (100.60 to 101.60): V

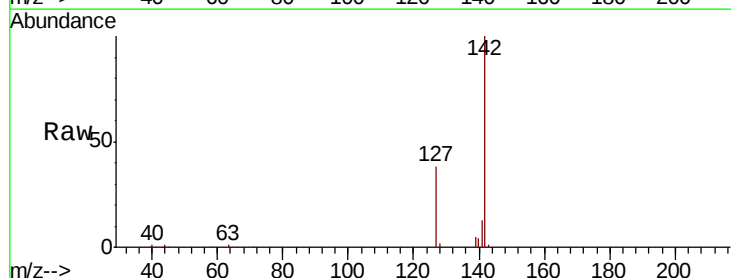
Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10
 Methyl Iodide
 Concen: 20.070 ug/l
 RT: 3.96 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: VN052893.D
 Acq: 14 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
142	100		
127	38.6	31.0	46.6
141	13.5	11.2	16.8

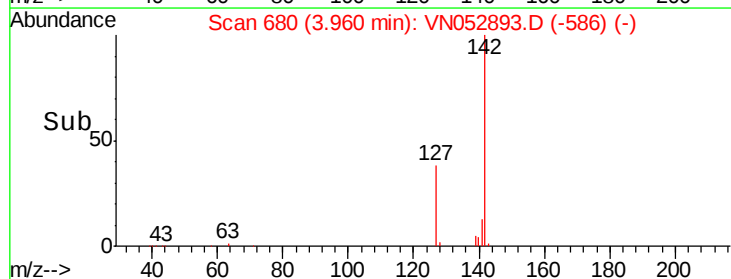
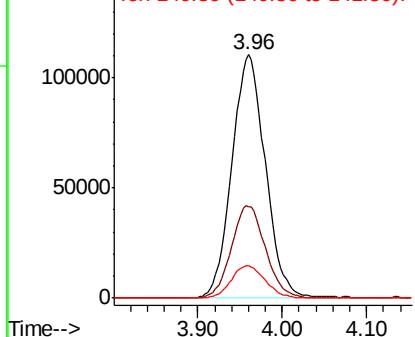


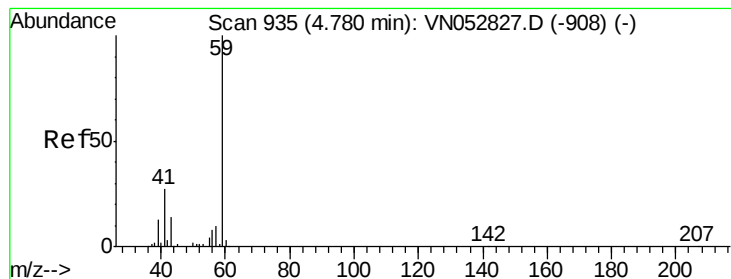
Abundance

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: 93.428 ug/l

RT: 4.78 min Scan# 934

Delta R.T. -0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

Instrument :

MSVOA_N

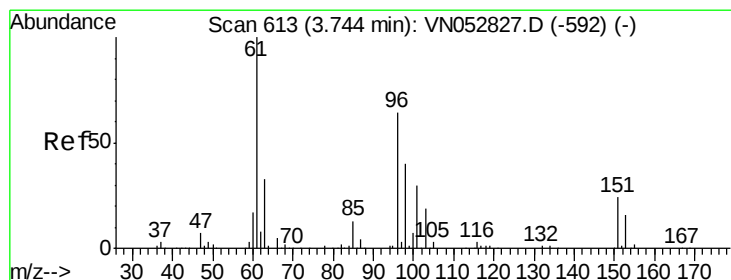
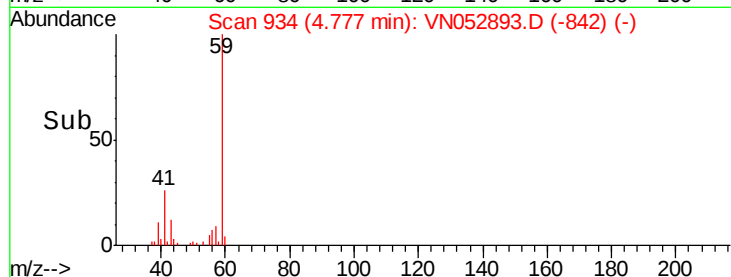
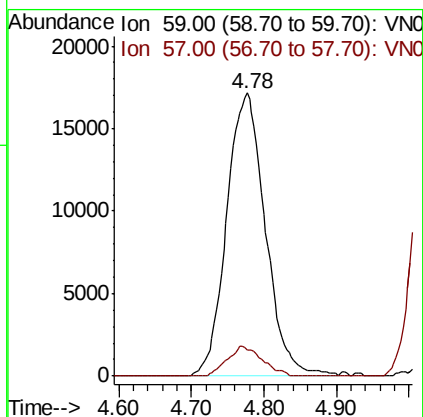
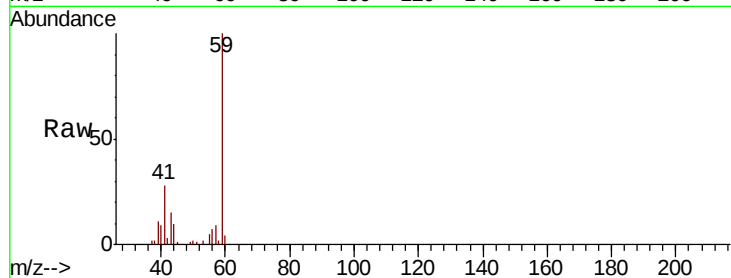
ClientSampleId :

Tot Ion: 59 Resp: 63512

Ion Ratio Lower Upper

59 100

57 9.6 7.7 11.5



#12

1,1-Dichloroethene

Concen: 19.886 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

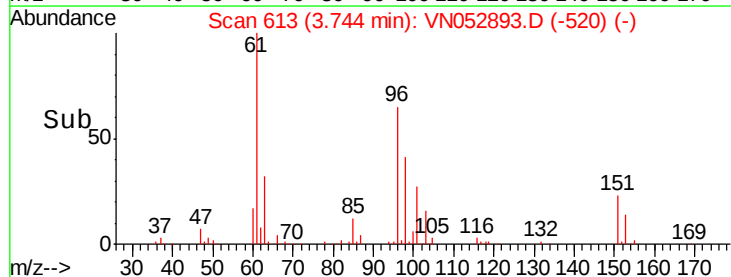
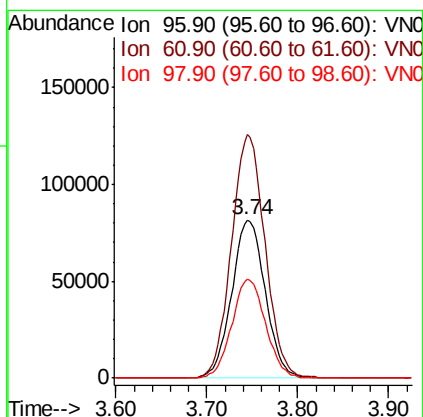
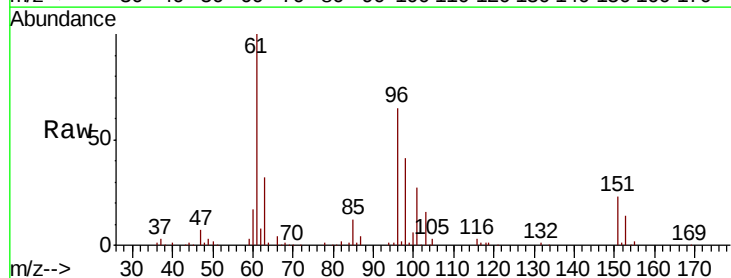
Tgt Ion: 96 Resp: 209196

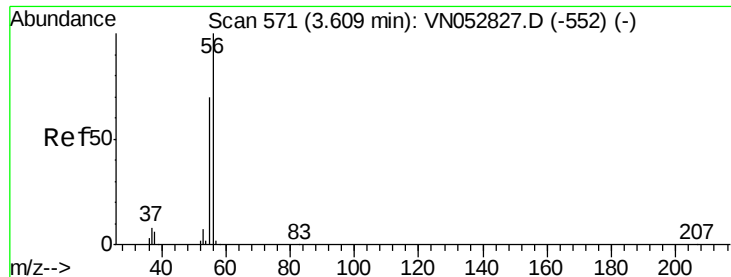
Ion Ratio Lower Upper

96 100

61 154.2 125.6 188.4

98 62.8 50.6 75.8





#13

Acrolein

Concen: 33.112 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

Instrument :

MSVOA_N

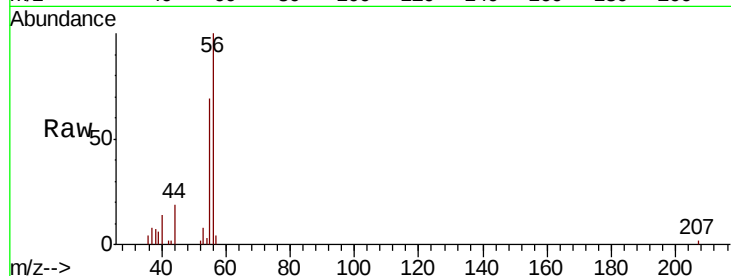
ClientSampleId :

Tot Ion: 56 Resp: 21193

Ion Ratio Lower Upper

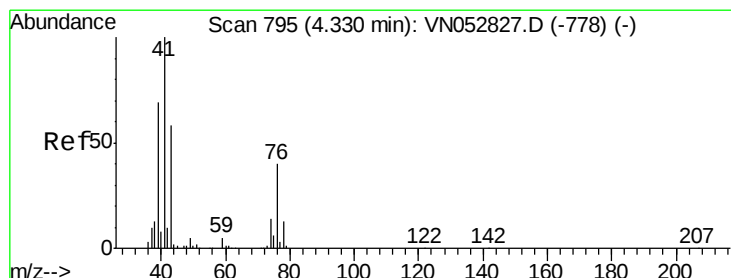
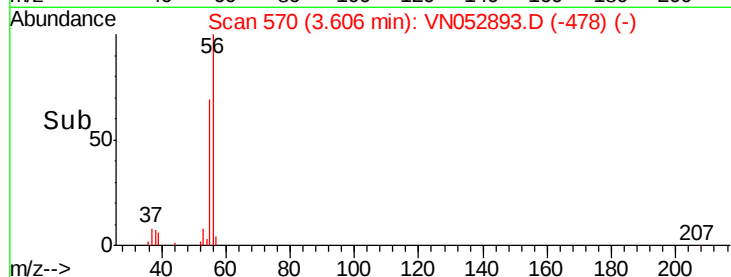
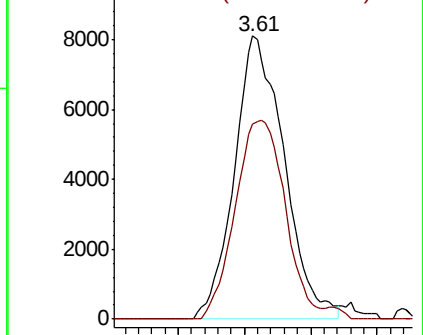
56 100

55 70.1 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.610 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

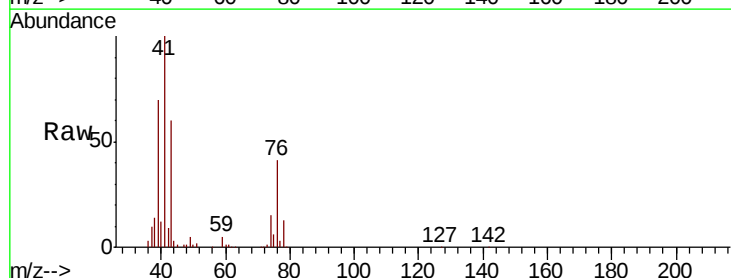
Tgt Ion: 41 Resp: 319769

Ion Ratio Lower Upper

41 100

39 67.6 54.1 81.1

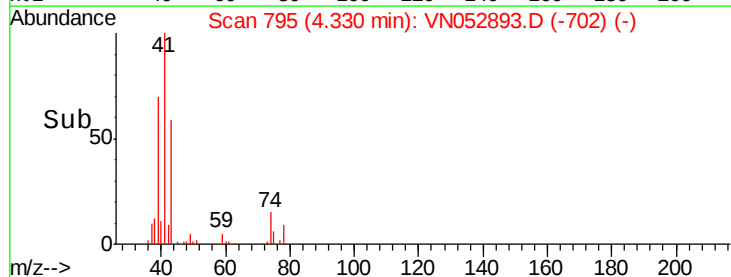
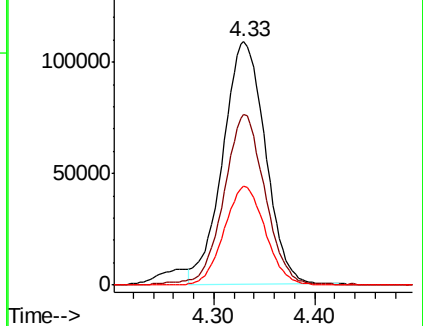
76 38.9 30.3 45.5

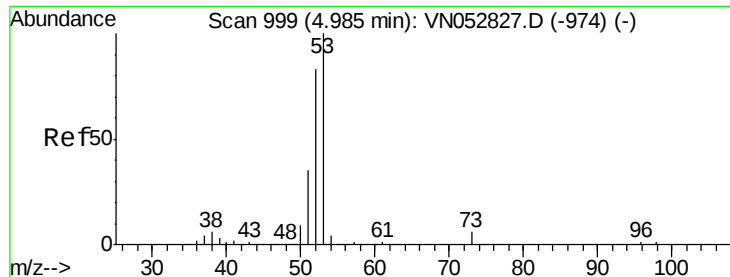


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 95.061 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

Instrument :

MSVOA_N

ClientSampled :

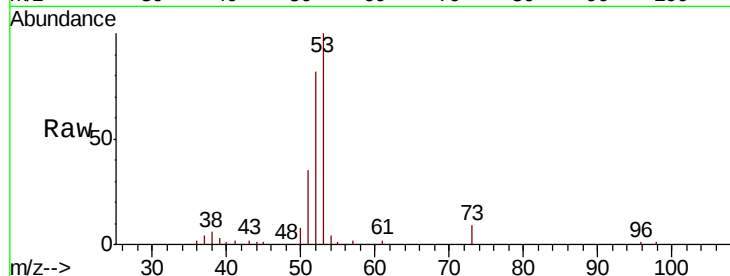
Tot Ion: 53 Resp: 362536

Ion Ratio Lower Upper

53 100

52 82.7 65.1 97.7

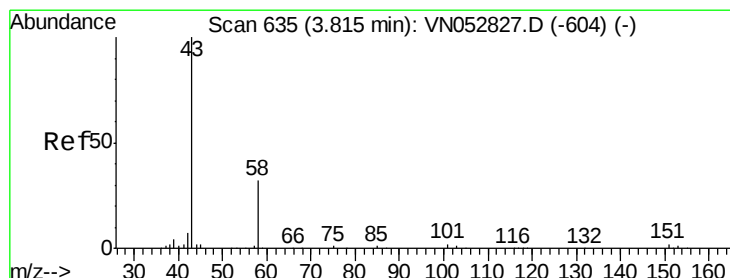
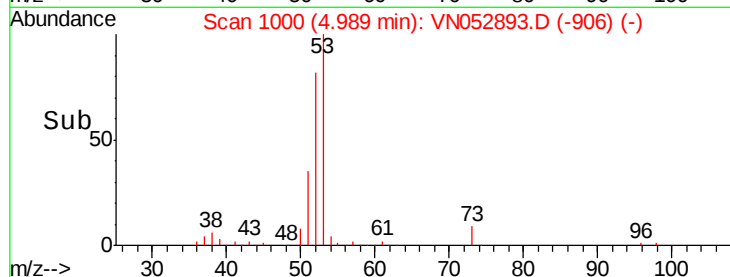
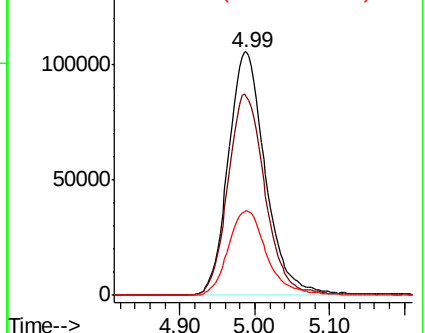
51 35.9 28.1 42.1



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: 78.573 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN052893.D

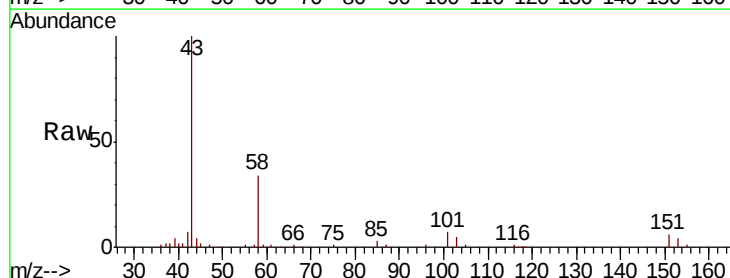
Acq: 14 Dec 2018 17:18

Tgt Ion: 43 Resp: 214696

Ion Ratio Lower Upper

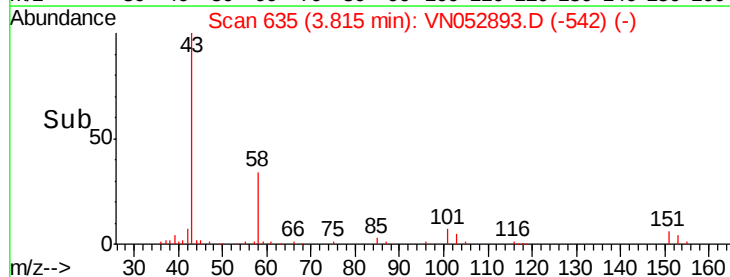
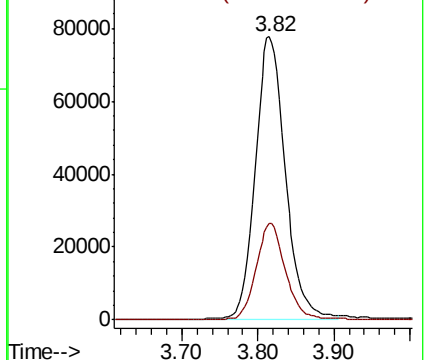
43 100

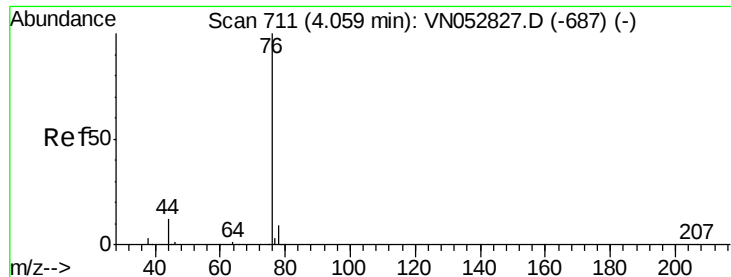
58 34.3 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 18.549 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

Instrument :

MSVOA_N

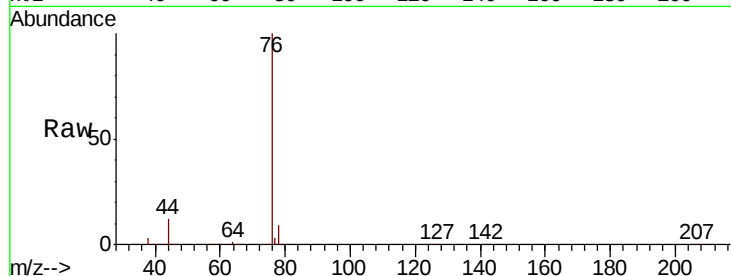
ClientSampled :

Tot Ion: 76 Resp: 599451

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN052827.D (-687) (-)

Ion 77.90 (77.60 to 78.60): VN052827.D (-687) (-)

4.06

250000

200000

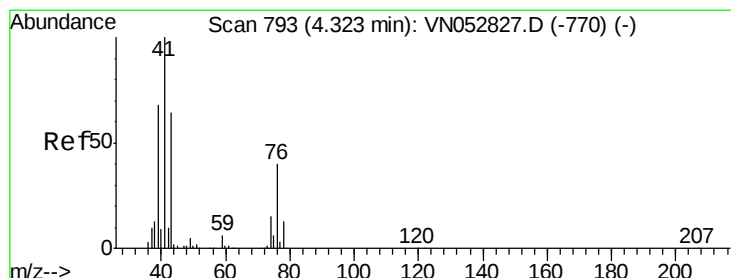
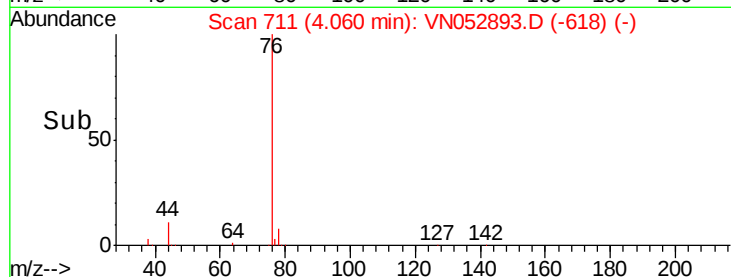
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 19.549 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN052893.D

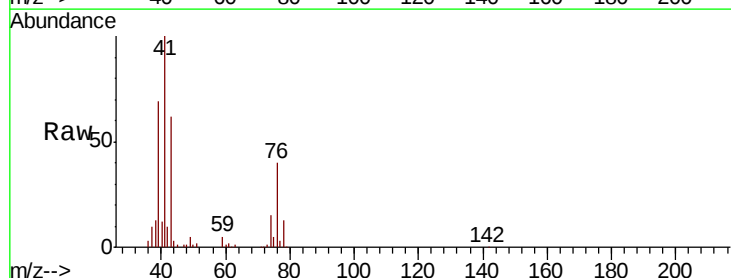
Acq: 14 Dec 2018 17:18

Tgt Ion: 43 Resp: 196043

Ion Ratio Lower Upper

43 100

74 23.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-770) (-)

Ion 74.00 (73.70 to 74.70): VN052827.D (-770) (-)

4.33

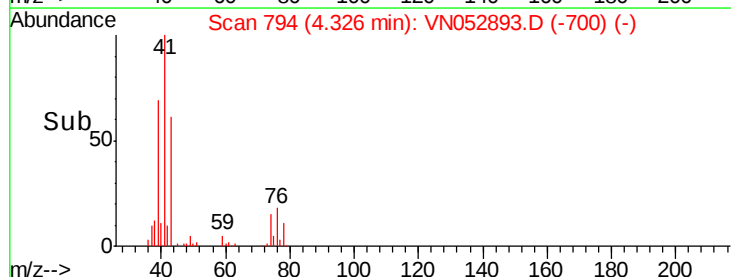
60000

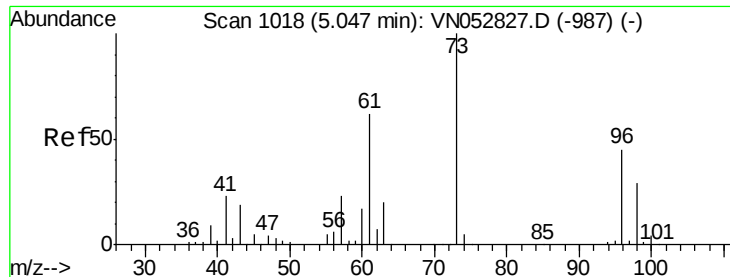
40000

20000

0

Time-->

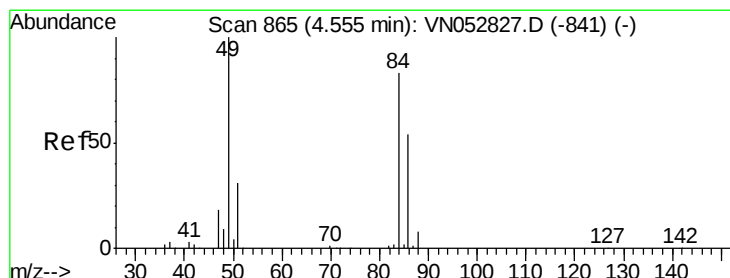
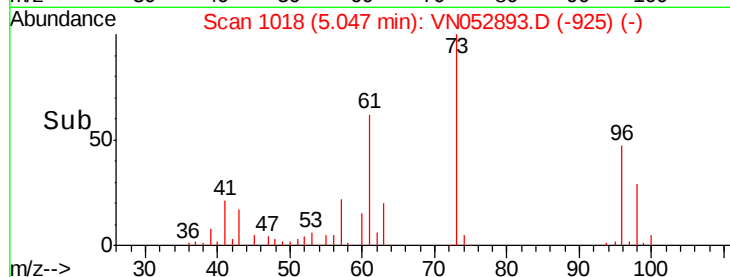
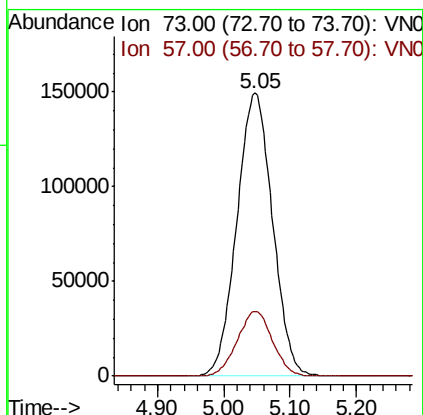
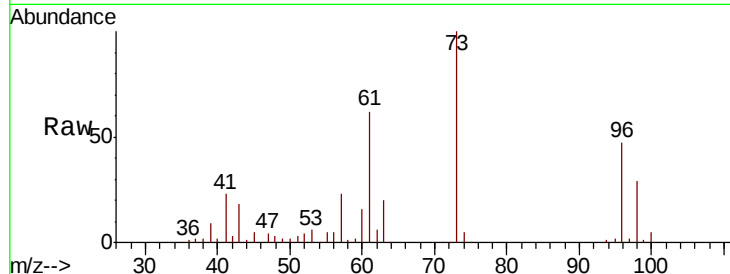




#19
Methvl tert-butvl Ether
Concen: 19.561 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN052893.D
Acq: 14 Dec 2018 17:18

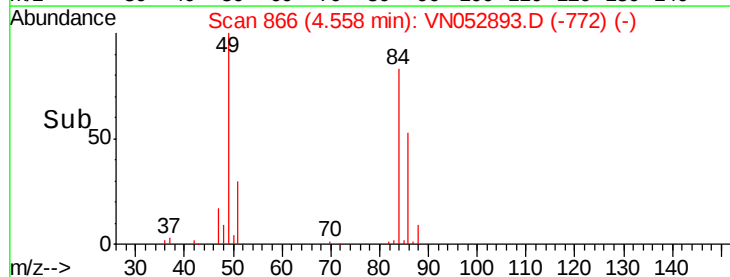
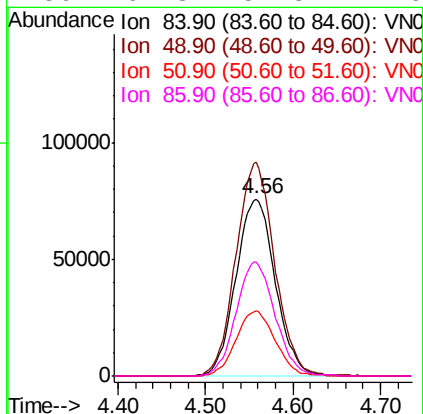
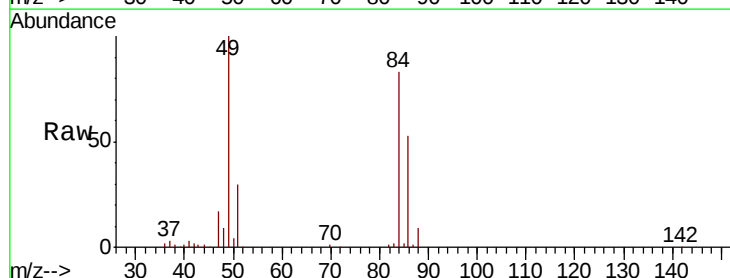
Instrument :
MSVOA_N
ClientSampled :

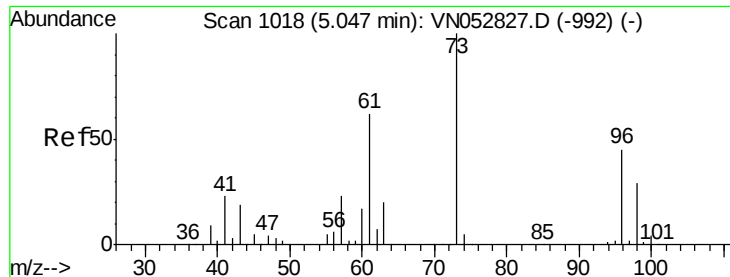
Tot Ion: 73 Resp: 558650
Ion Ratio Lower Upper
73 100
57 22.8 18.4 27.6



#20
Methylene Chloride
Concen: 19.250 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052893.D
Acq: 14 Dec 2018 17:18

Tgt Ion: 84 Resp: 236713
Ion Ratio Lower Upper
84 100
49 120.7 96.8 145.2
51 36.7 29.9 44.9
86 64.3 51.8 77.6

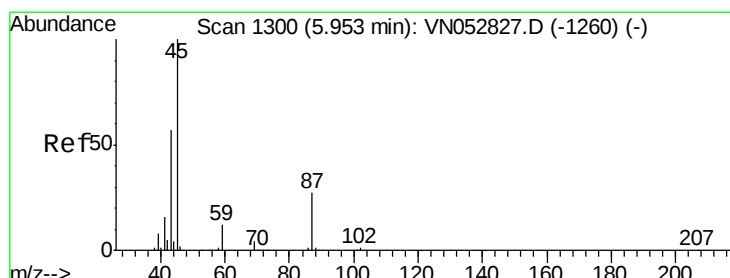
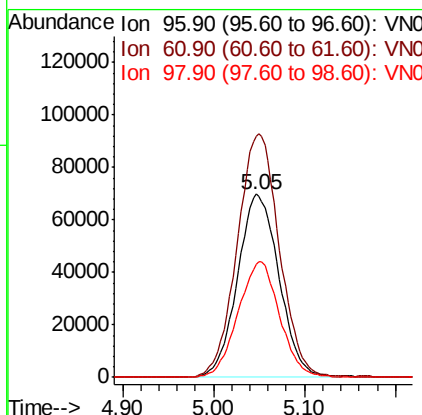
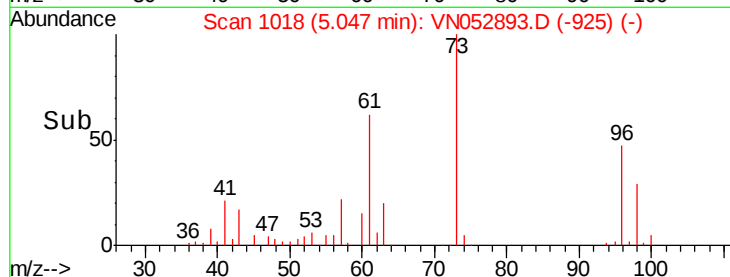
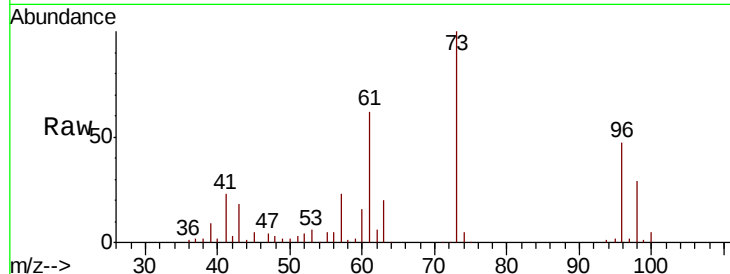




#21
trans-1,2-Dichloroethene
Concen: 19.422 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN052893.D
Acq: 14 Dec 2018 17:18

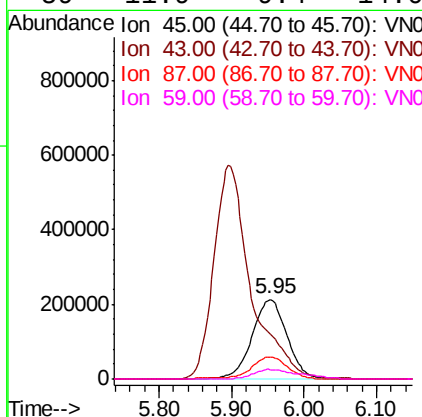
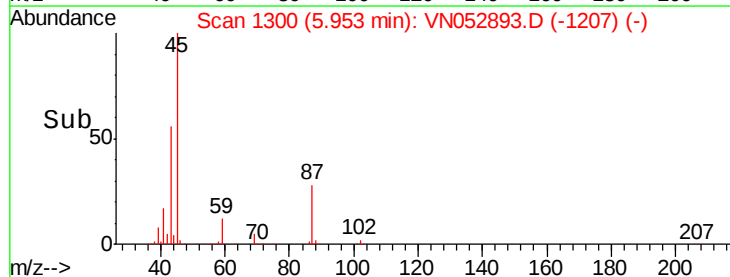
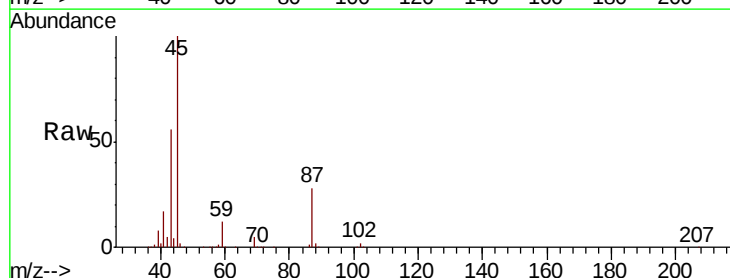
Instrument :
MSVOA_N
ClientSampled :

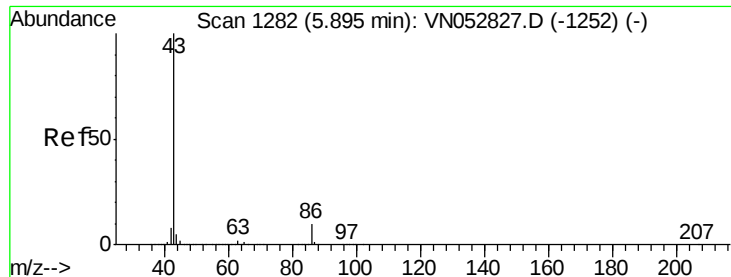
Tot Ion: 96 Resp: 221357
Ion Ratio Lower Upper
96 100
61 131.7 110.8 166.2
98 61.9 51.4 77.2



#22
Diisopropyl ether
Concen: 19.488 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN052893.D
Acq: 14 Dec 2018 17:18

Tgt Ion: 45 Resp: 714372
Ion Ratio Lower Upper
45 100
43 54.8 45.5 68.3
87 28.1 22.0 33.0
59 11.9 9.4 14.0





#23

Vinyl Acetate

Concen: 93.397 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

Instrument :

MSVOA_N

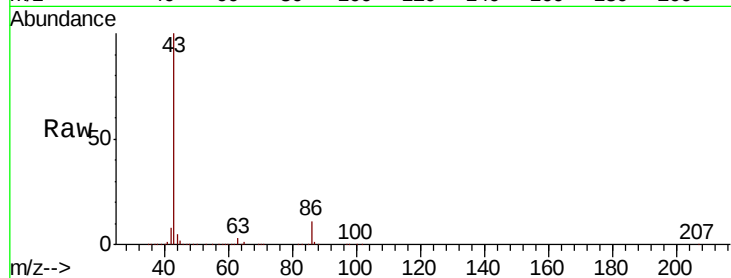
ClientSampled :

Tot Ion: 43 Resp: 2037182

Ion Ratio Lower Upper

43 100

86 10.6 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-1252) (-)

Ion 86.00 (85.70 to 86.70): VN052827.D (-1252) (-)

5.90

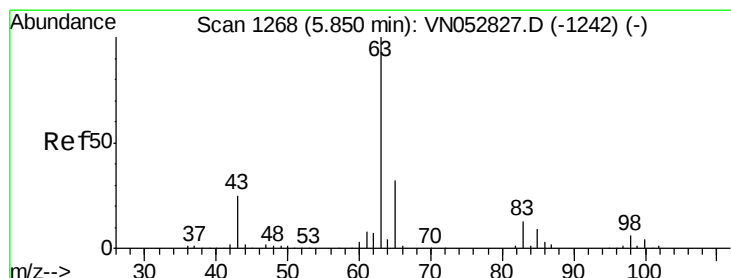
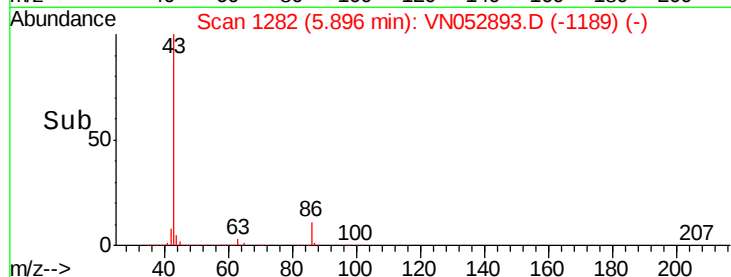
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.613 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

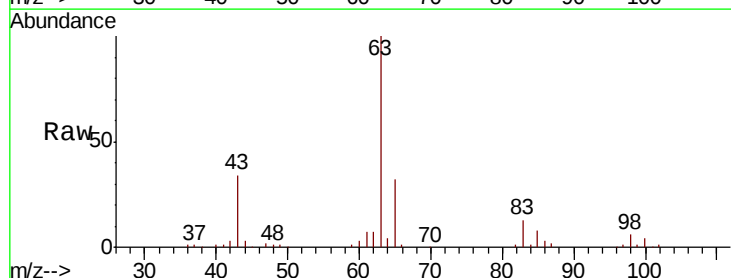
Tgt Ion: 63 Resp: 414601

Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.4

100 4.4 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN052827.D (-1242) (-)

Ion 97.90 (97.60 to 98.60): VN052827.D (-1242) (-)

Ion 99.90 (99.60 to 100.60): VN052827.D (-1242) (-)

5.85

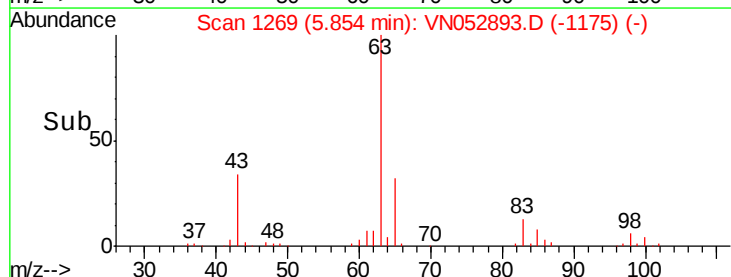
150000

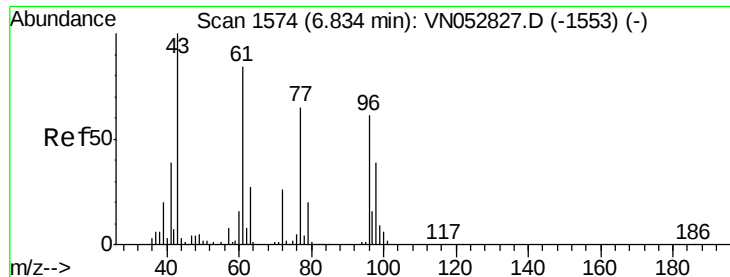
100000

50000

0

Time-->

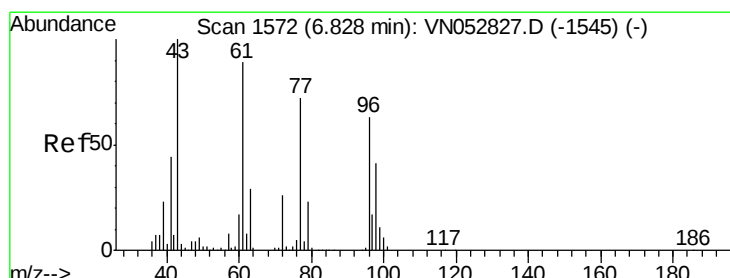
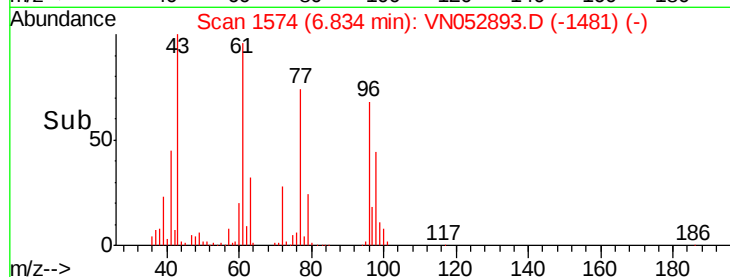
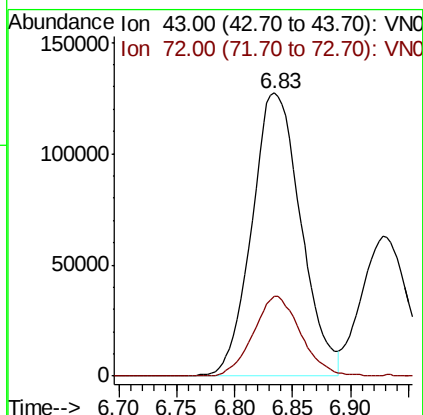
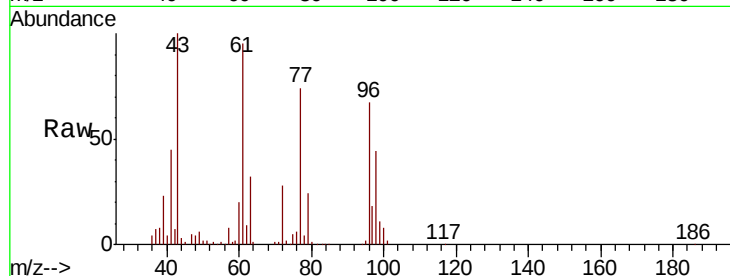




#25
2-Butanone
Concen: 88.042 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN052893.D
Acq: 14 Dec 2018 17:18

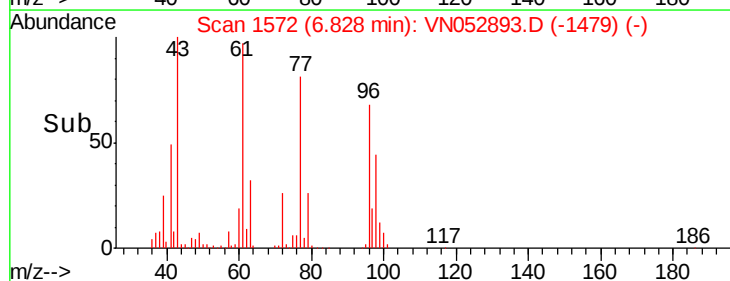
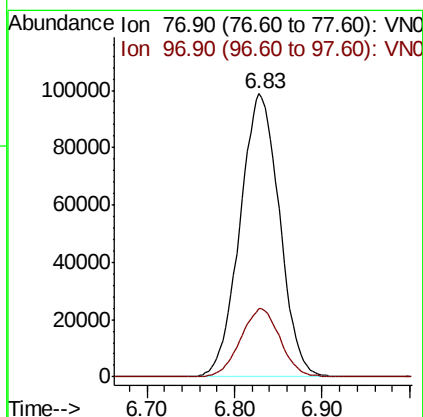
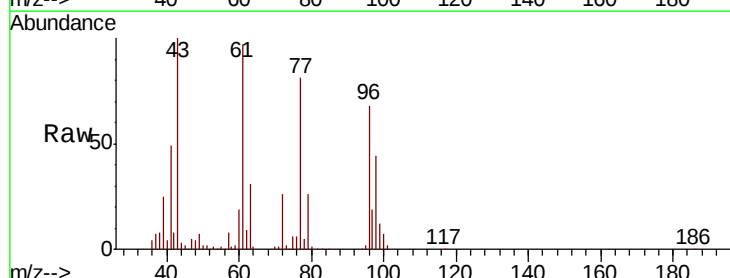
Instrument :
MSVOA_N
ClientSampled :

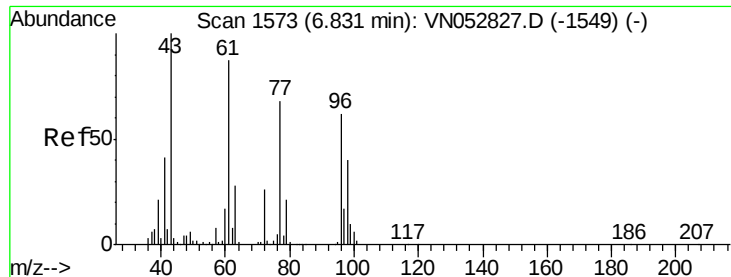
Tot Ion: 43 Resp: 373281
Ion Ratio Lower Upper
43 100
72 28.1 21.0 31.6



#26
2,2-Dichloropropane
Concen: 19.897 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN052893.D
Acq: 14 Dec 2018 17:18

Tgt Ion: 77 Resp: 309737
Ion Ratio Lower Upper
77 100
97 24.1 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 19.548 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

Instrument :

MSVOA_N

ClientSampleId :

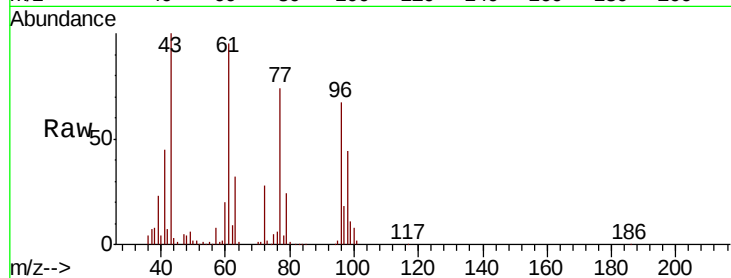
Tot Ion: 96 Resp: 252863

Ion Ratio Lower Upper

96 100

61 142.4 0.0 284.2

98 65.3 0.0 129.2

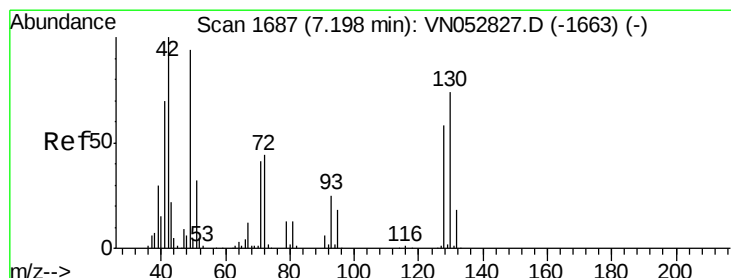
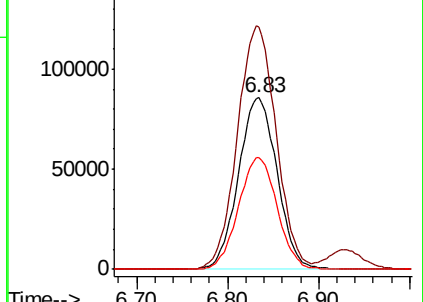
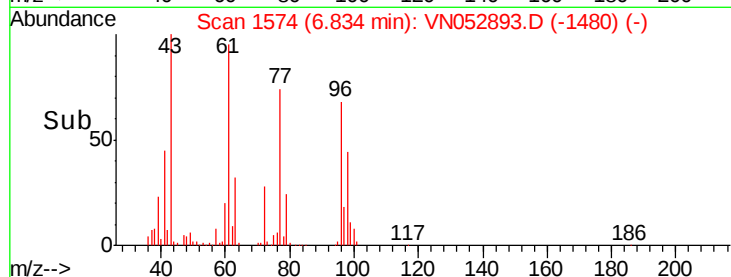


Abundance Ion 95.90 (95.60 to 96.60): VN052827.D (-1549) (-)

Ion 60.90 (60.60 to 61.60): VN052827.D (-1549) (-)

Ion 97.90 (97.60 to 98.60): VN052827.D (-1549) (-)

Time-->



#28

Bromochloromethane

Concen: 19.524 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

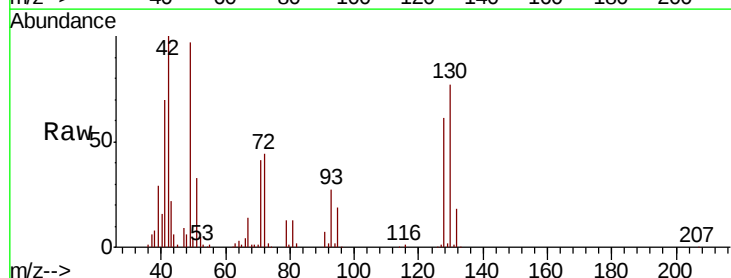
Tgt Ion: 49 Resp: 185323

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 80.6 63.3 94.9

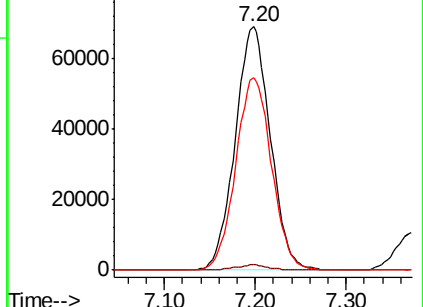
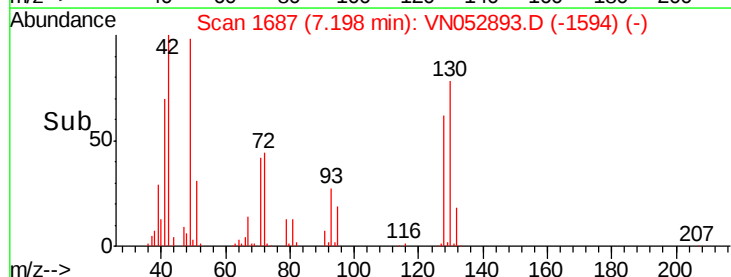


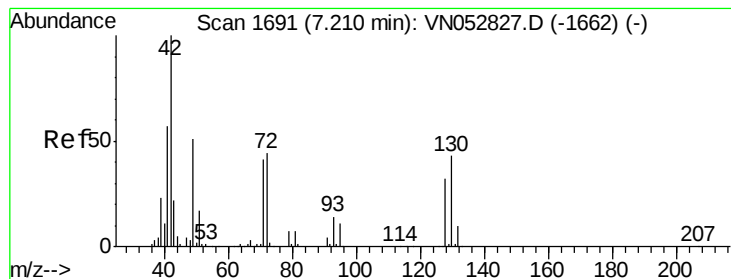
Abundance Ion 48.90 (48.60 to 49.60): VN052827.D (-1663) (-)

Ion 128.80 (128.50 to 129.50): VN052827.D (-1663) (-)

Ion 129.80 (129.50 to 130.50): VN052827.D (-1663) (-)

Time-->





#29

Tetrahydrofuran

Concen: 93.522 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

Instrument :

MSVOA_N

ClientSampled :

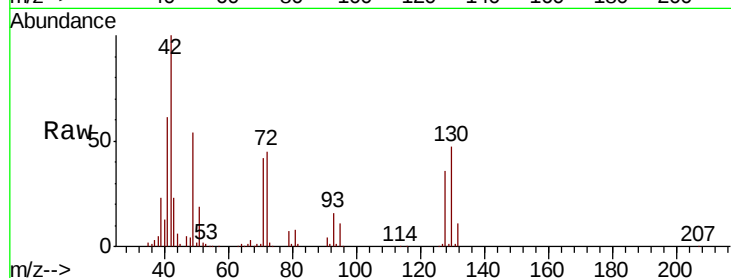
Tot Ion: 42 Resp: 270694

Ion Ratio Lower Upper

42 100

72 44.1 34.7 52.1

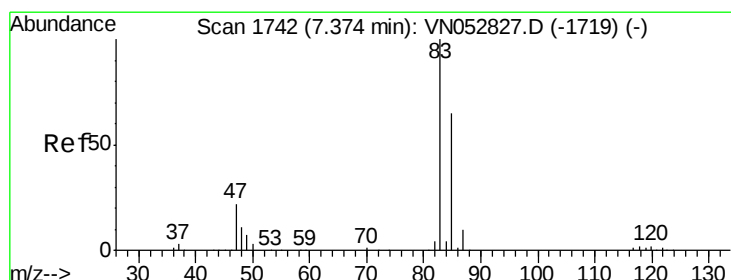
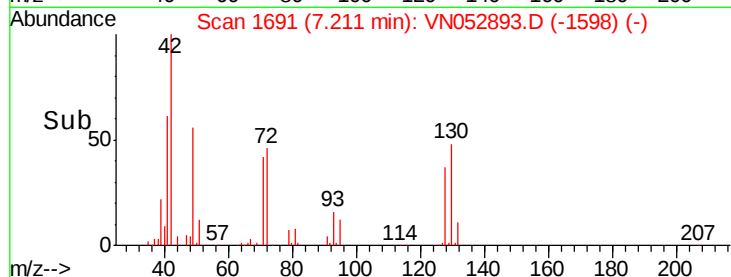
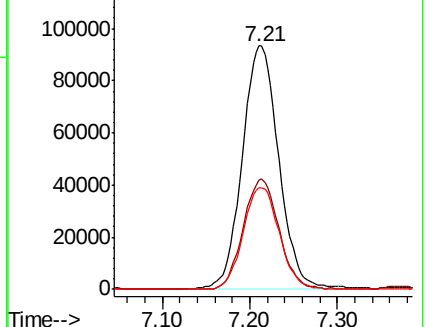
71 41.6 32.3 48.5



Abundance Ion 42.00 (41.70 to 42.70): VN052827.D (-1662) (-)

Ion 72.00 (71.70 to 72.70): VN052827.D (-1662) (-)

Ion 71.00 (70.70 to 71.70): VN052827.D (-1662) (-)



#30

Chloroform

Concen: 19.709 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN052893.D

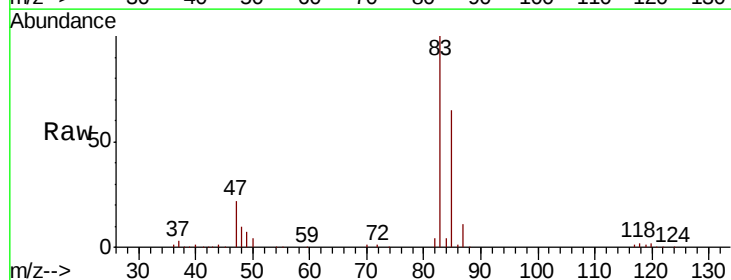
Acq: 14 Dec 2018 17:18

Tgt Ion: 83 Resp: 406279

Ion Ratio Lower Upper

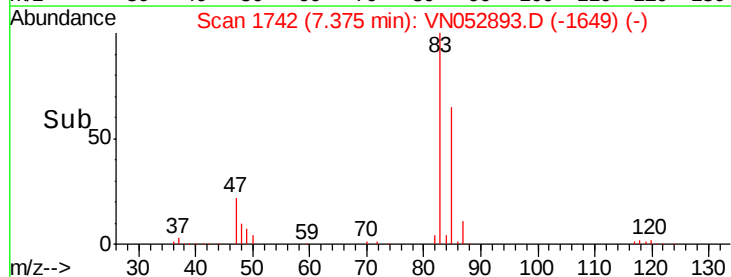
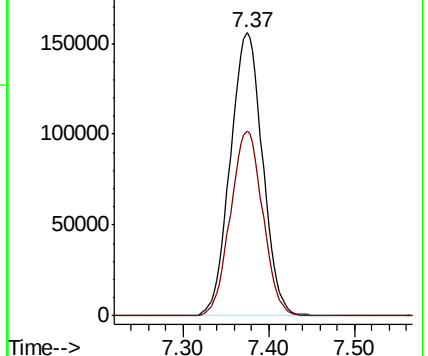
83 100

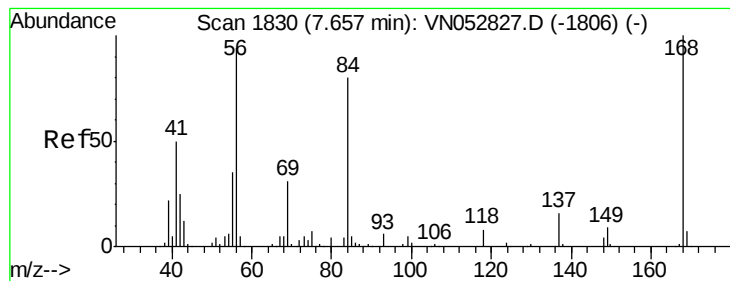
85 65.1 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN052827.D (-1719) (-)

Ion 84.90 (84.60 to 85.60): VN052827.D (-1719) (-)





#31

Cyclohexane

Concen: 18.950 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

Instrument :
MSVOA_N
ClientSampled :

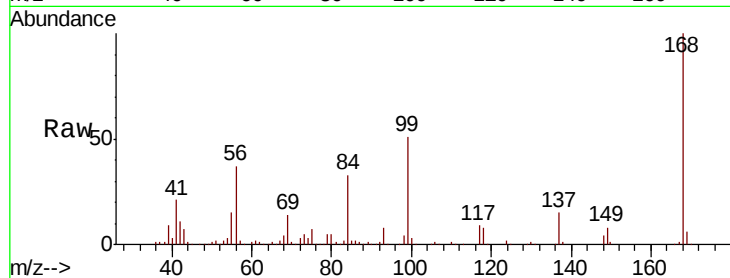
Tot Ion: 56 Resp: 398104

Ion Ratio Lower Upper

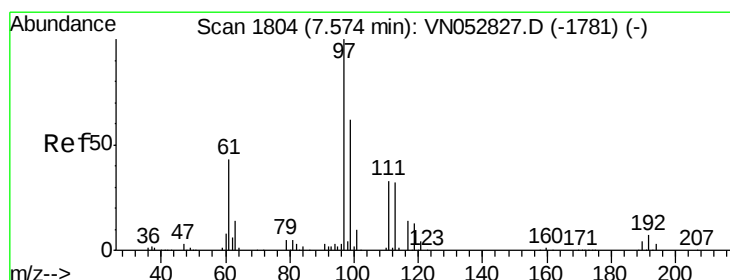
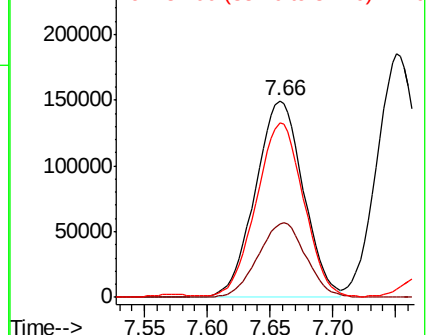
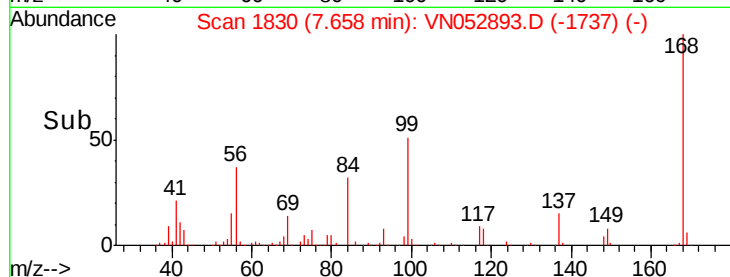
56 100

69 37.0 26.6 39.8

84 87.5 68.4 102.6



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.769 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

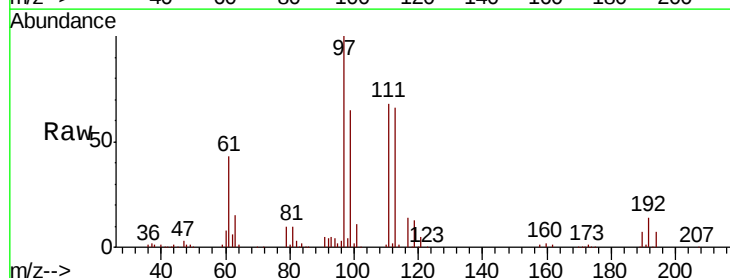
Tgt Ion: 97 Resp: 340952

Ion Ratio Lower Upper

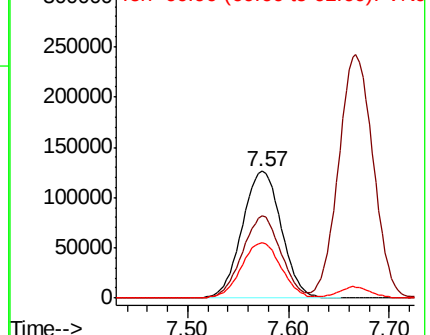
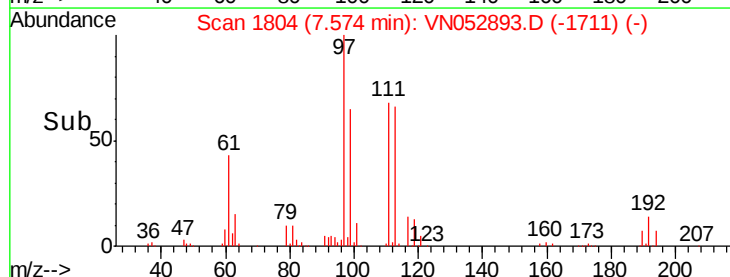
97 100

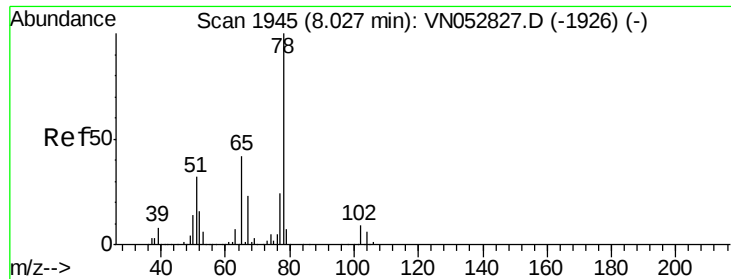
99 63.3 51.1 76.7

61 44.1 35.0 52.6



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

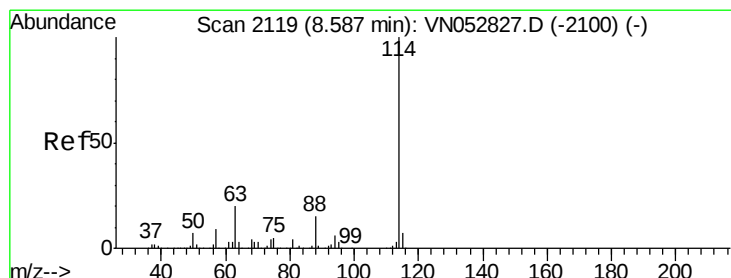
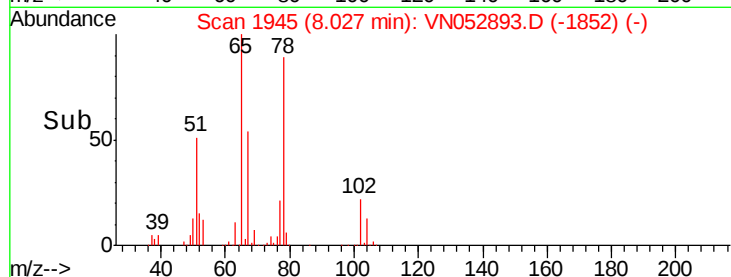
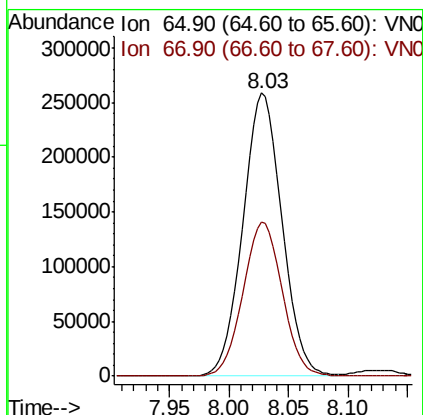
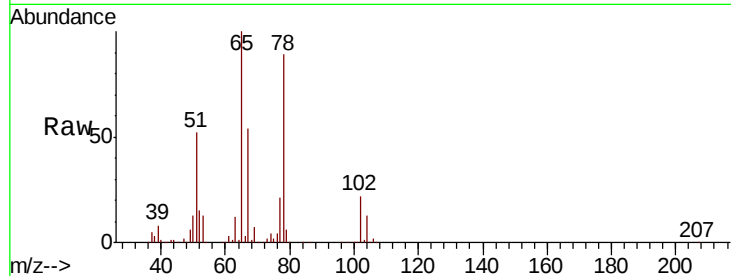




#33
 1,2-Dichloroethane-d4
 Concen: 19.769 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052893.D
 Acq: 14 Dec 2018 17:18

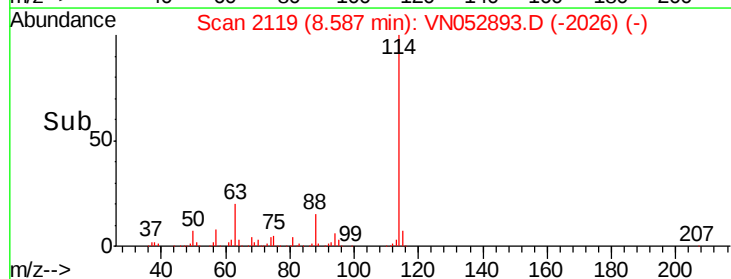
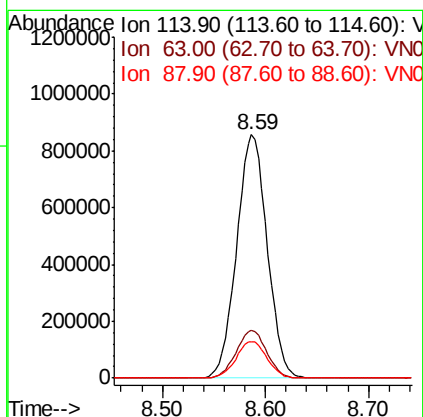
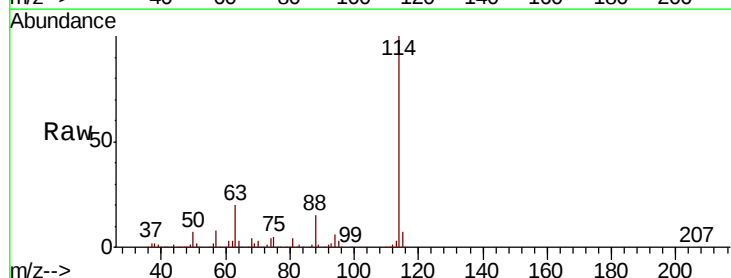
Instrument :
 MSVOA_N
 ClientSampleId :

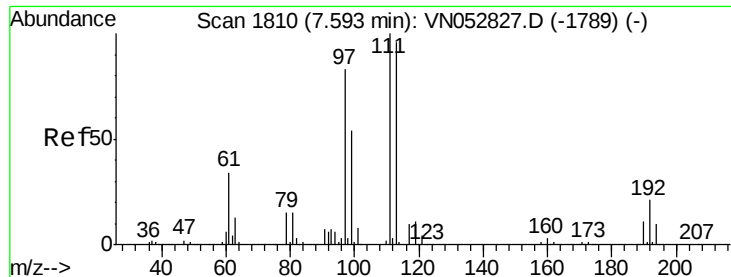
Tot Ion: 65 Resp: 589501
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052893.D
 Acq: 14 Dec 2018 17:18

Tgt Ion: 114 Resp: 1766249
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.2 0.0 31.0

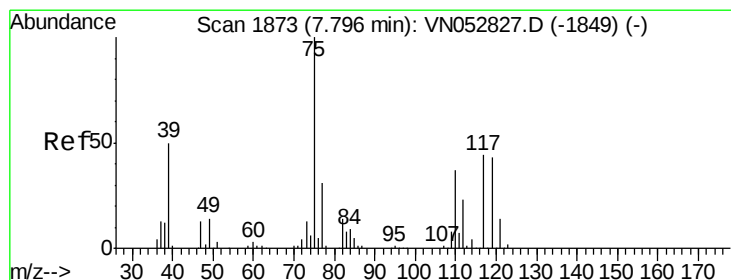
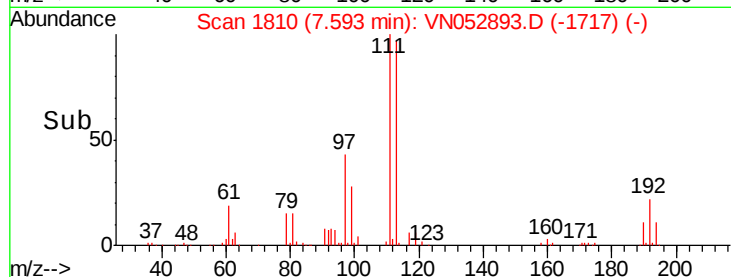
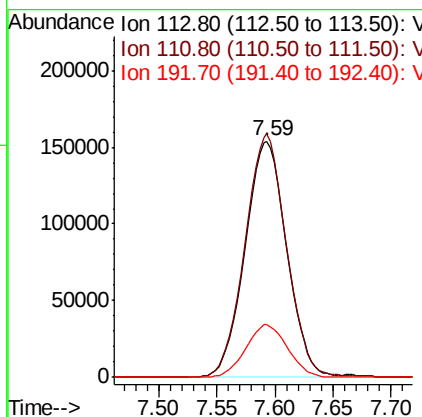
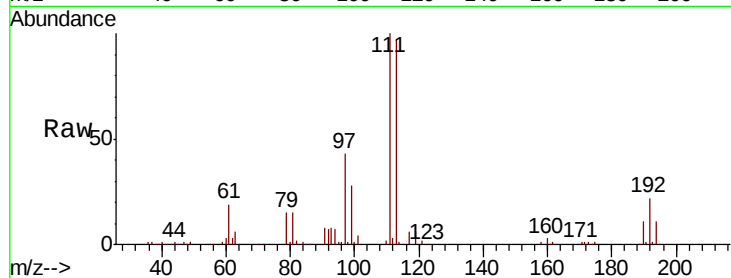




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052893.D
 Acq: 14 Dec 2018 17:18

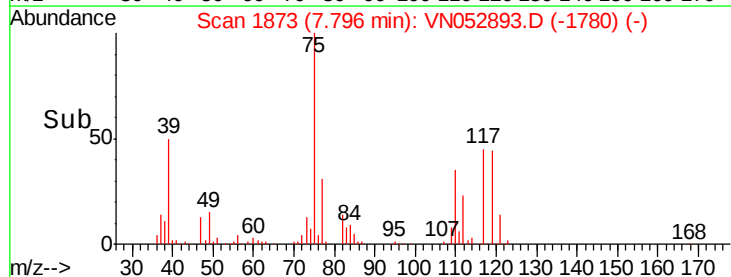
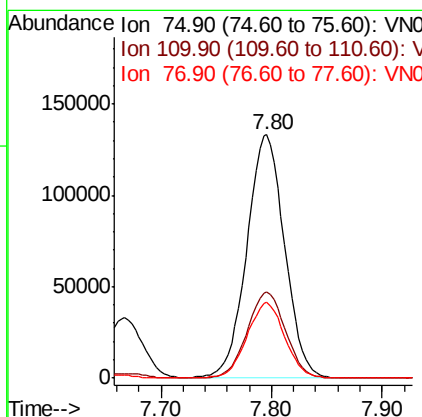
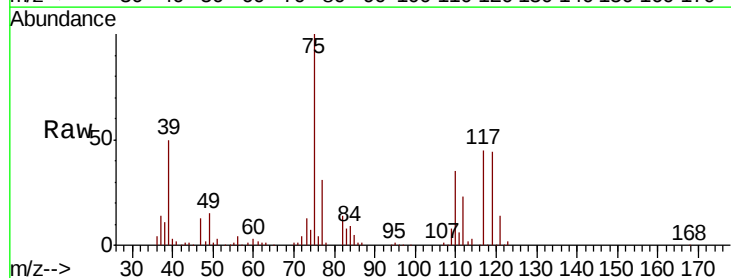
Instrument :
 MSVOA_N
 ClientSampleId :

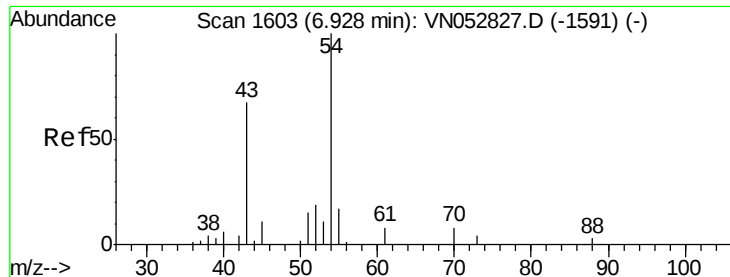
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.0	124.4
192	22.4	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 19.289 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN052893.D
 Acq: 14 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	18.2	54.6
77	31.4	24.9	37.3

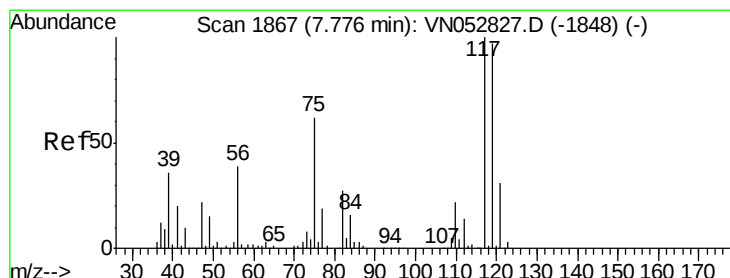
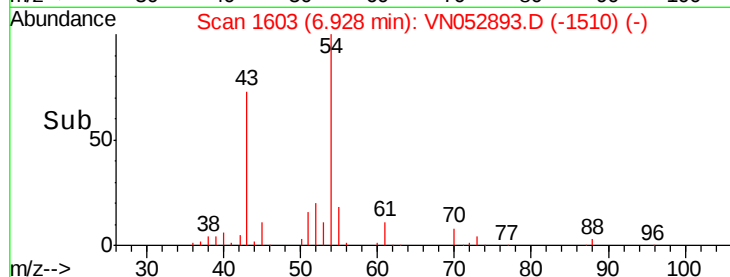
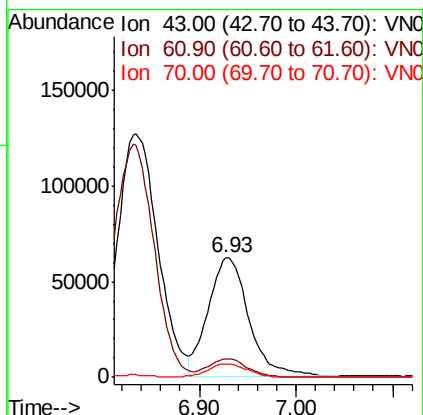
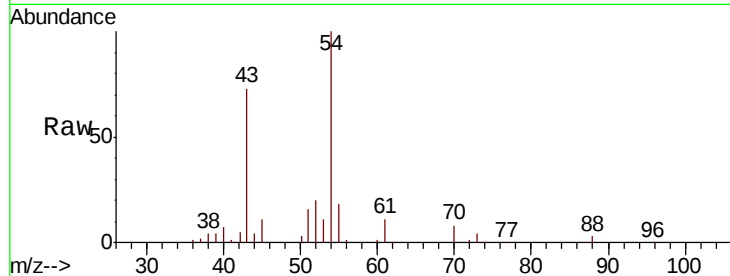




#37
Ethyl Acetate
Concen: 18.473 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN052893.D
Acq: 14 Dec 2018 17:18

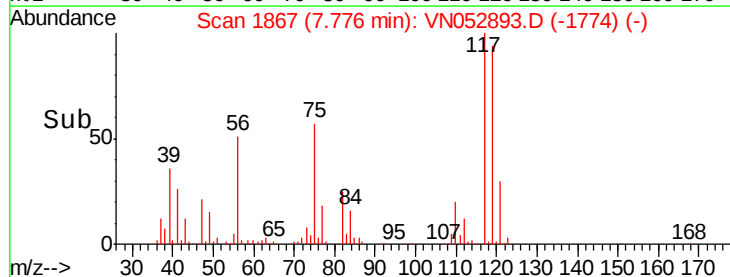
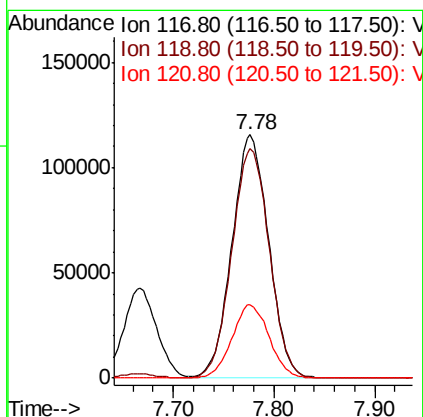
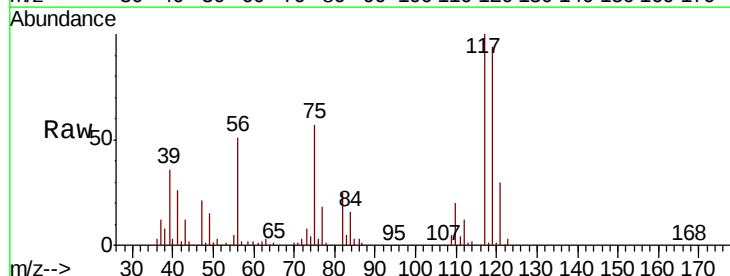
Instrument :
MSVOA_N
ClientSampleId :

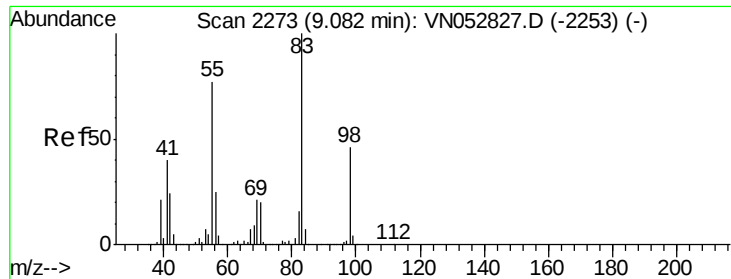
Tot Ion: 43 Resp: 180492
Ion Ratio Lower Upper
43 100
61 14.7 11.8 17.6
70 11.2 8.4 12.6



#38
Carbon Tetrachloride
Concen: 19.523 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN052893.D
Acq: 14 Dec 2018 17:18

Tgt Ion: 117 Resp: 292285
Ion Ratio Lower Upper
117 100
119 94.0 77.1 115.7
121 30.4 24.9 37.3

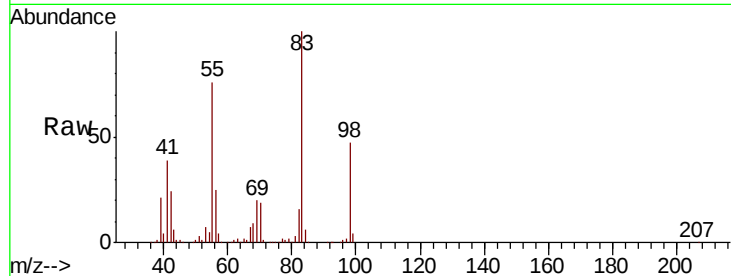




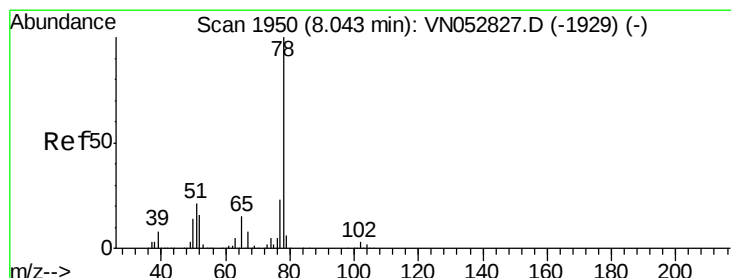
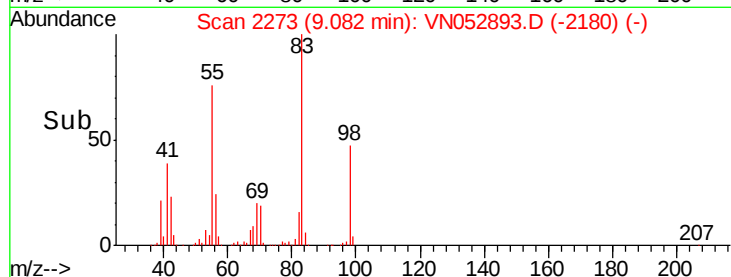
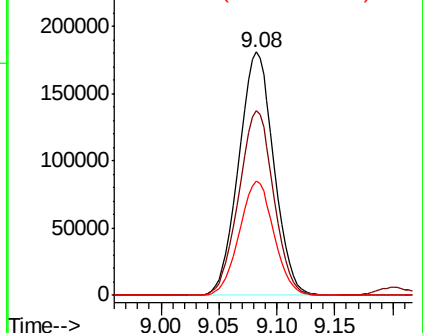
#39
Methvlcvclohexane
Concen: 19.060 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052893.D
Acq: 14 Dec 2018 17:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 380429
Ion Ratio Lower Upper
83 100
55 75.8 61.3 91.9
98 46.8 37.0 55.4

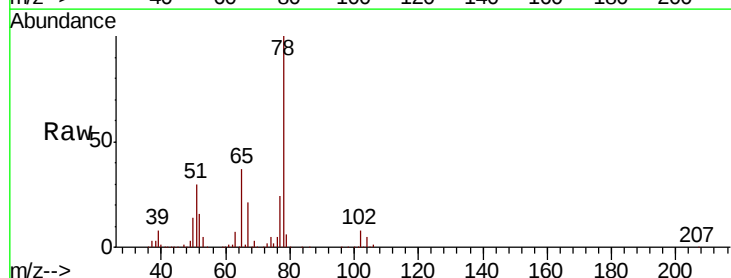


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

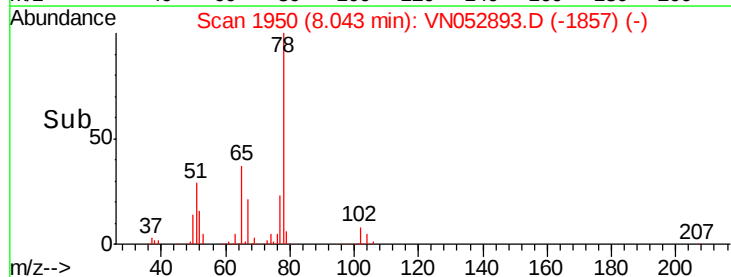
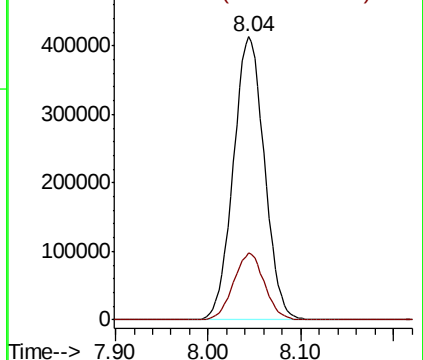


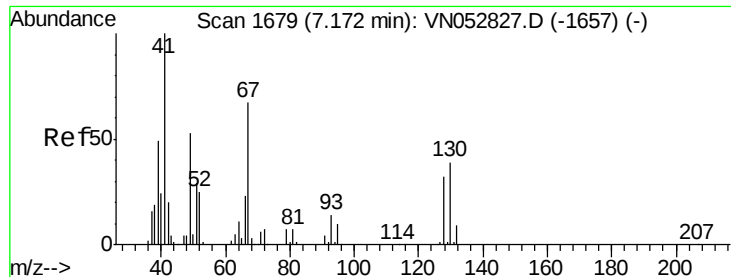
#40
Benzene
Concen: 19.658 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052893.D
Acq: 14 Dec 2018 17:18

Tgt Ion: 78 Resp: 959642
Ion Ratio Lower Upper
78 100
77 23.5 18.5 27.7



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

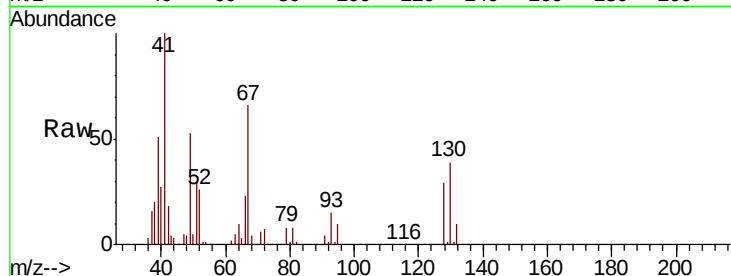




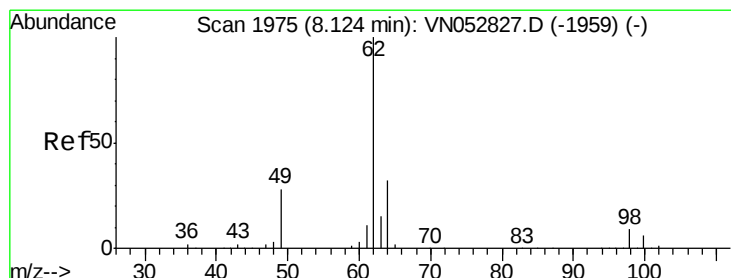
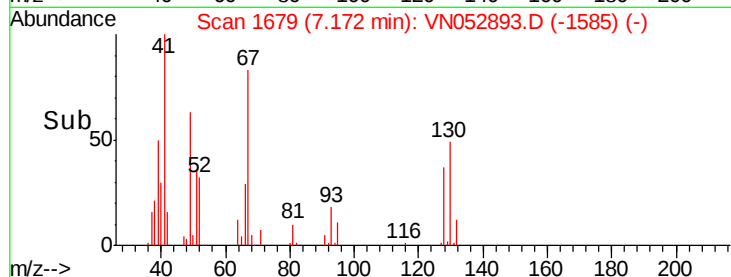
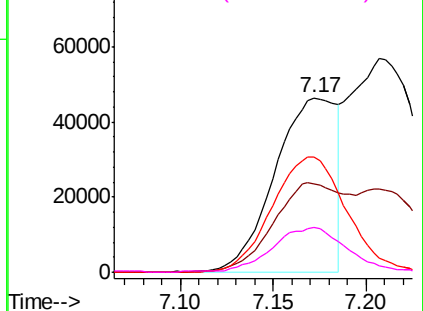
#41
Methacrylonitrile
Concen: 19.862 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN052893.D
Acq: 14 Dec 2018 17:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 107531
Ion Ratio Lower Upper
41 100
39 62.2 48.0 72.0
67 80.6 70.3 105.5
52 29.9 26.9 40.3

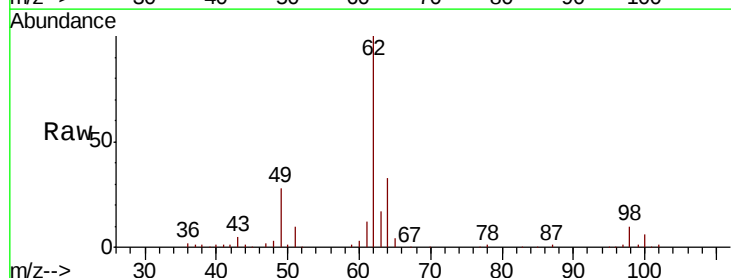


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

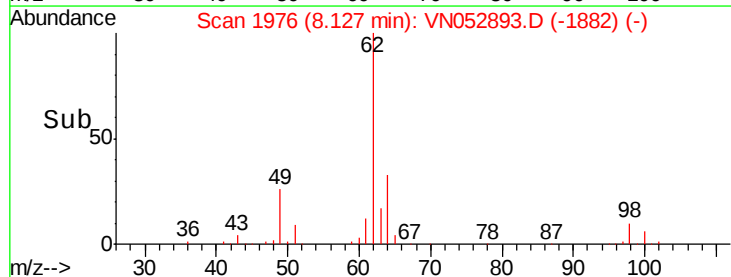
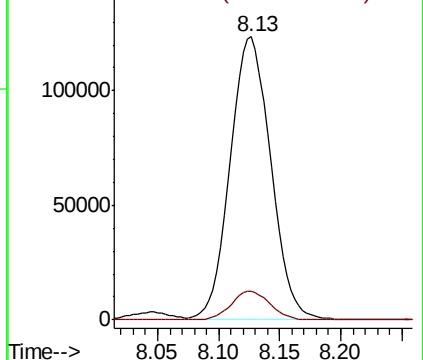


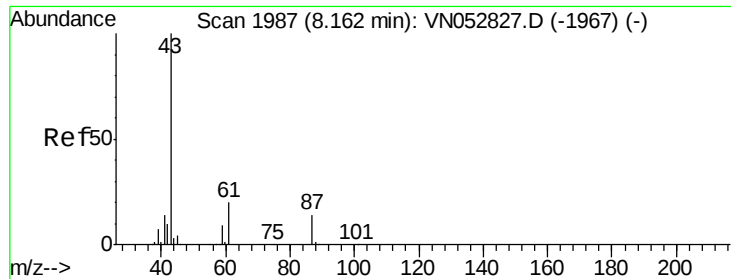
#42
1,2-Dichloroethane
Concen: 19.308 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN052893.D
Acq: 14 Dec 2018 17:18

Tgt Ion: 62 Resp: 283756
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC



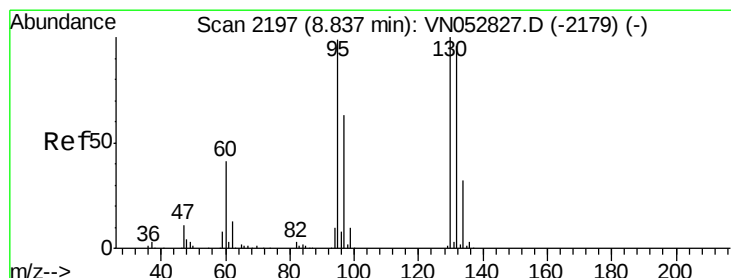
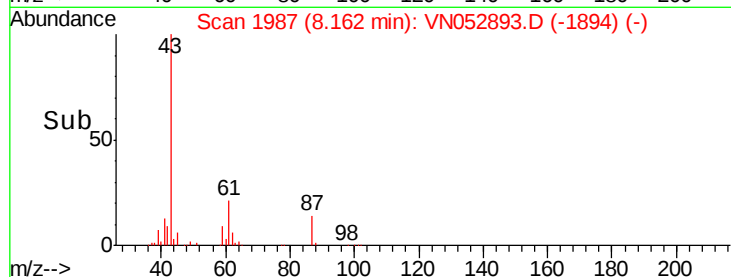
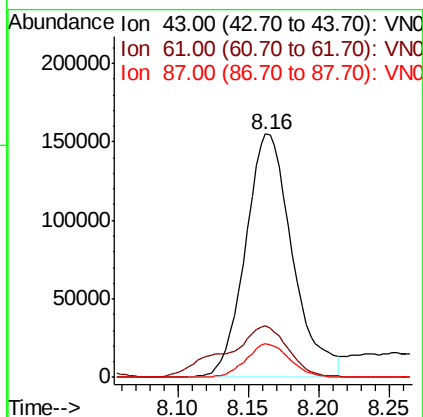
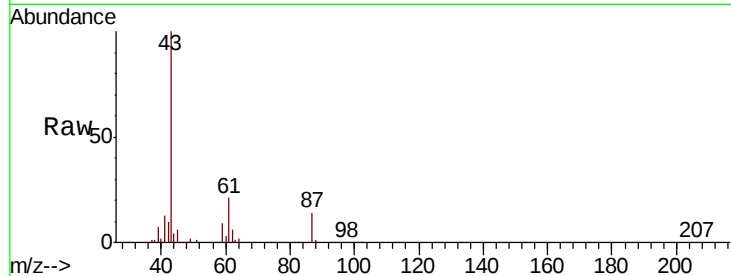


#43

Isopropyl Acetate
 Concen: 17.904 ug/l
 RT: 8.16 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN052893.D
 Acq: 14 Dec 2018 17:18

Instrument :
 MSVOA_N
 ClientSampleId :

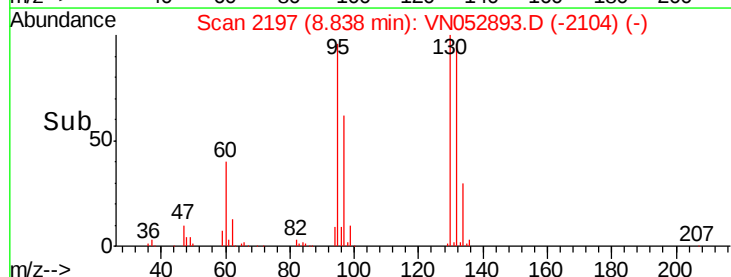
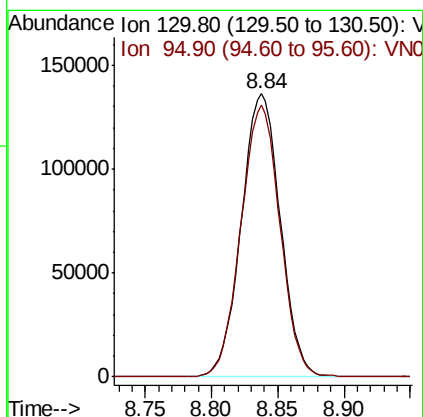
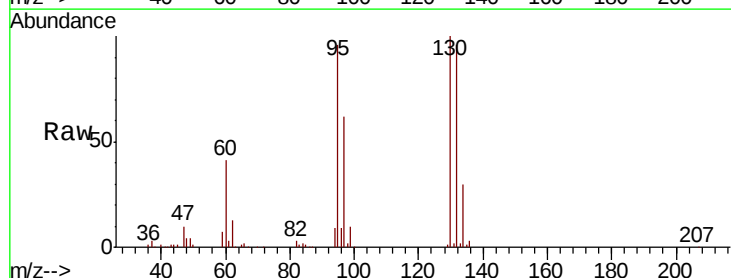
Tot Ion	Ratio	Lower	Upper
43	100		
61	27.9	22.9	34.3
87	12.8	10.6	15.8

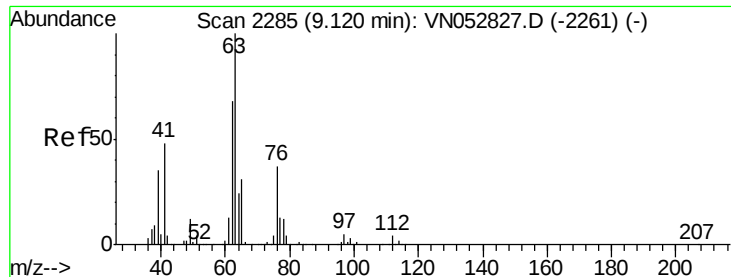


#44

Trichloroethene
 Concen: 21.149 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN052893.D
 Acq: 14 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	197.8





#45

1,2-Dichloropropane

Concen: 19.501 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

Instrument :

MSVOA_N

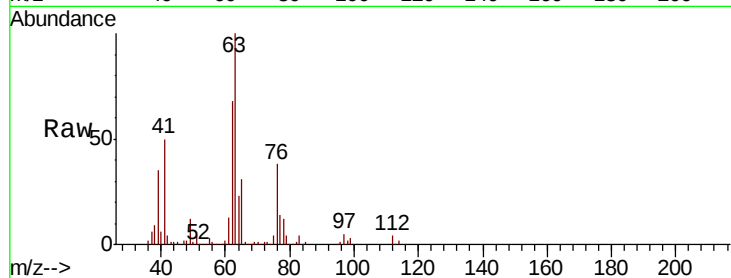
ClientSampleId :

Tot Ion: 63 Resp: 249349

Ion Ratio Lower Upper

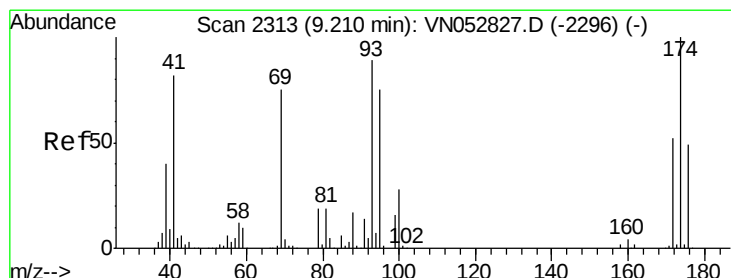
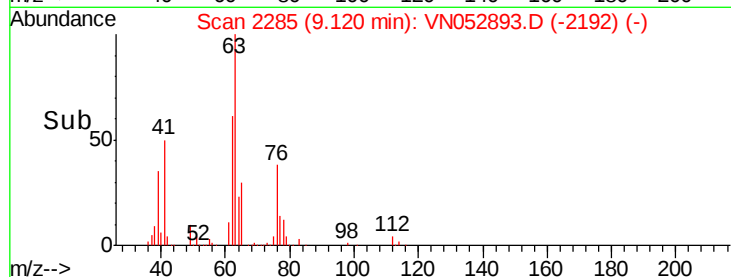
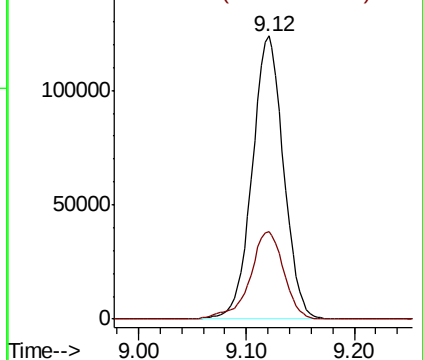
63 100

65 30.9 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.276 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

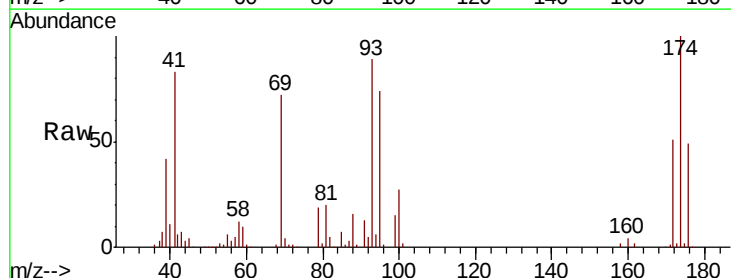
Tgt Ion: 93 Resp: 142938

Ion Ratio Lower Upper

93 100

95 82.5 67.8 101.6

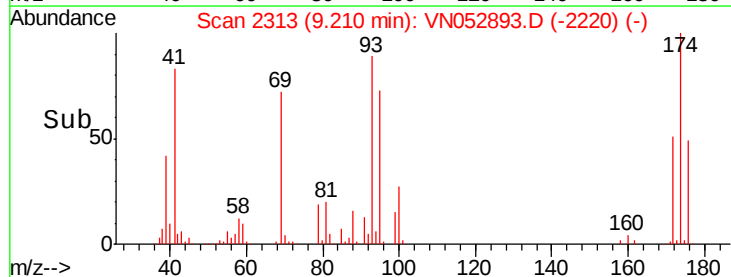
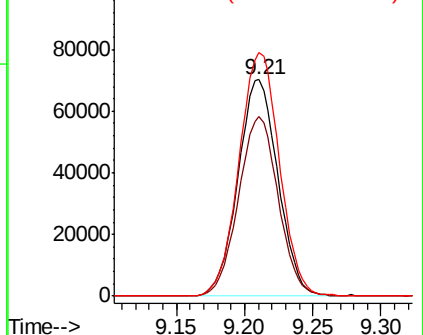
174 113.9 89.0 133.4

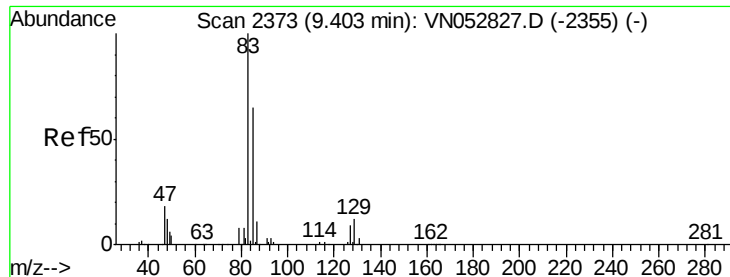


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.657 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

Instrument :
MSVOA_N
ClientSampleId :

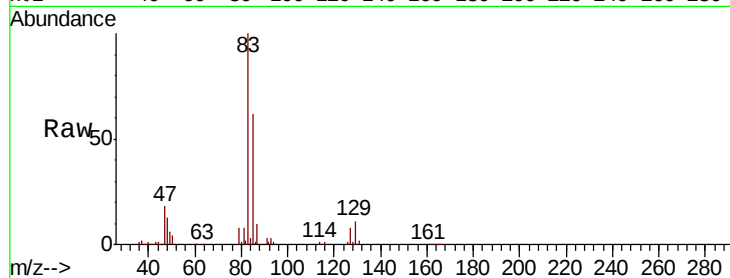
Tot Ion: 83 Resp: 302269

Ion Ratio Lower Upper

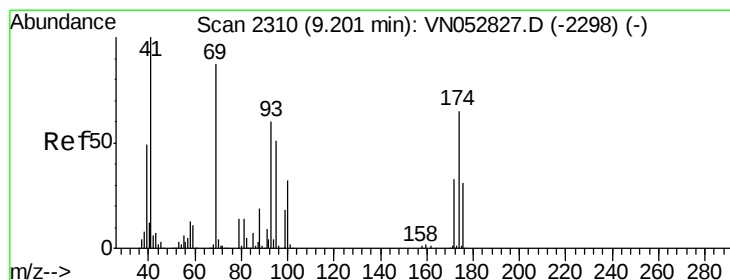
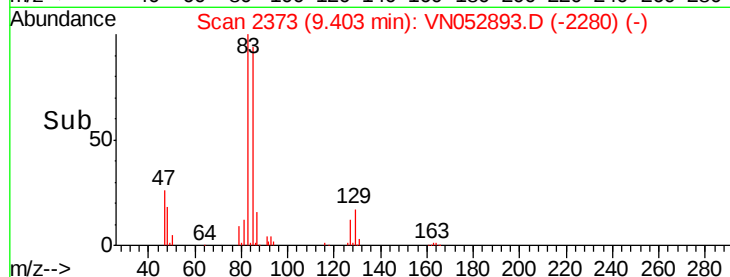
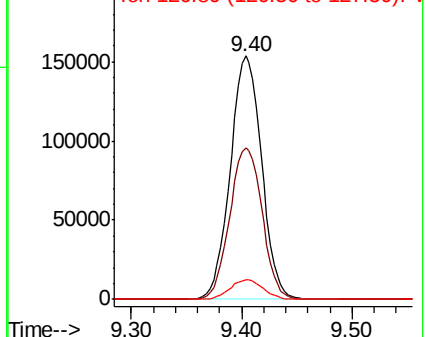
83 100

85 62.3 51.6 77.4

127 8.0 7.1 10.7



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



#48

Methyl methacrylate

Concen: 19.470 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

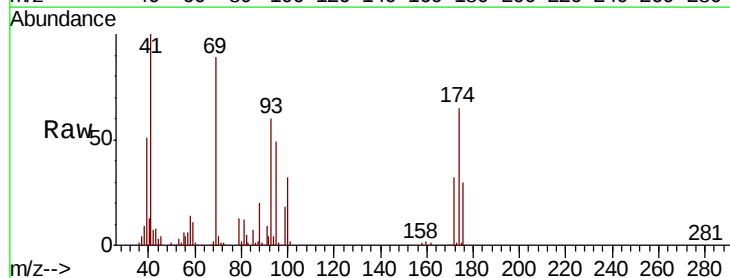
Tgt Ion: 41 Resp: 171052

Ion Ratio Lower Upper

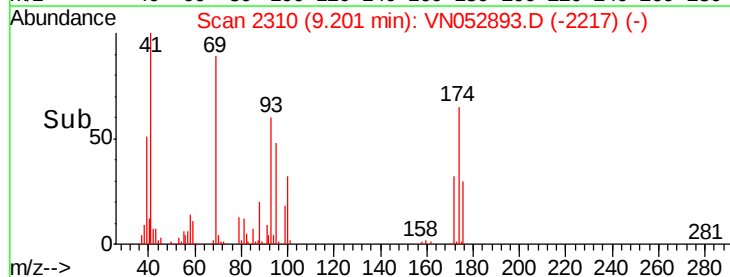
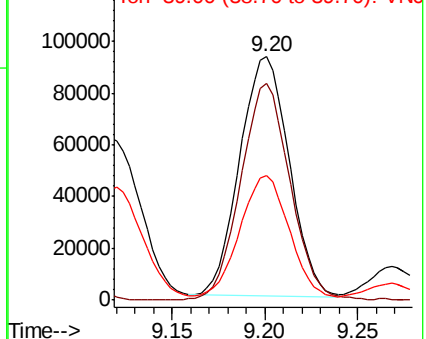
41 100

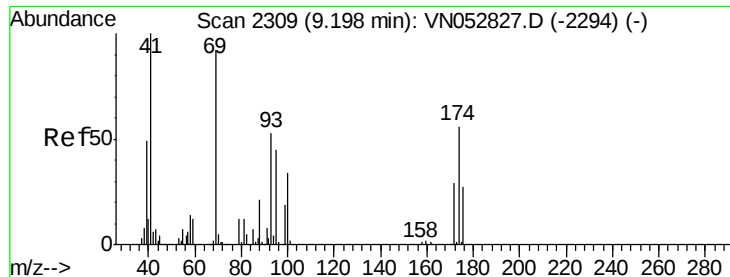
69 90.8 72.2 108.2

39 53.0 41.9 62.9



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





#49

1,4-Dioxane

Concen: 396.968 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

Instrument :
MSVOA_N
ClientSampleId :

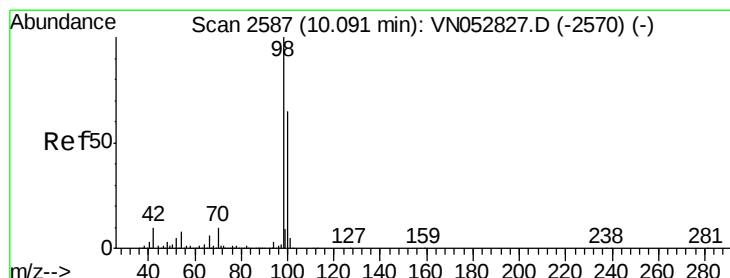
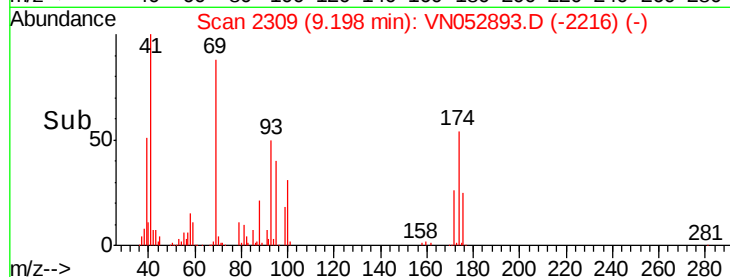
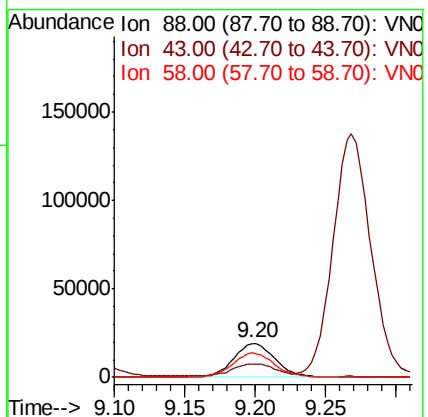
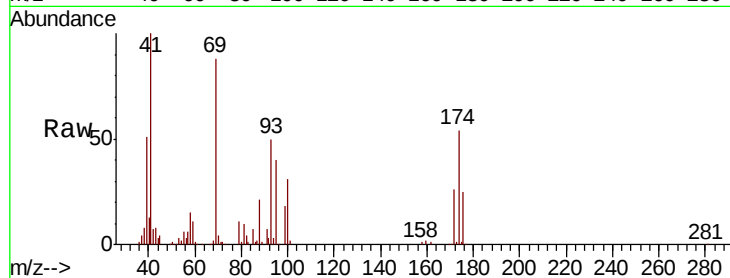
Tot Ion: 88 Resp: 39586

Ion Ratio Lower Upper

88 100

43 35.0 26.6 40.0

58 72.8 58.4 87.6



#50

Toluene-d8

Concen: 396.968 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052893.D

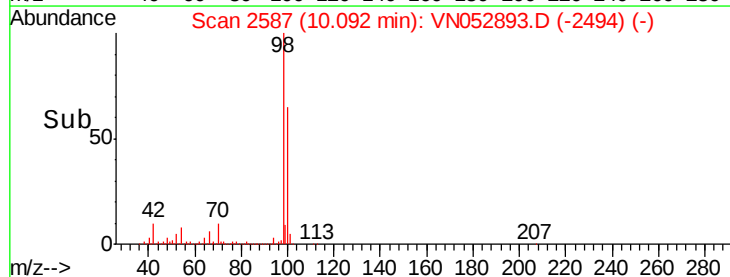
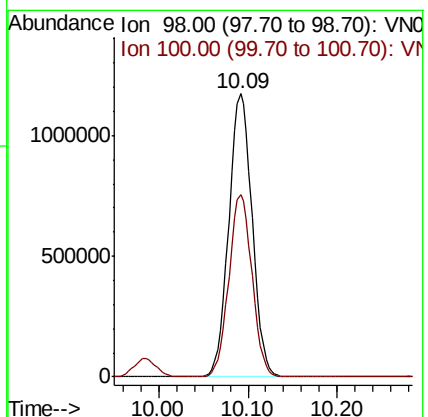
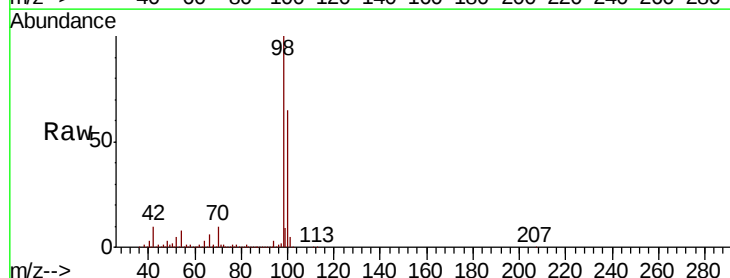
Acq: 14 Dec 2018 17:18

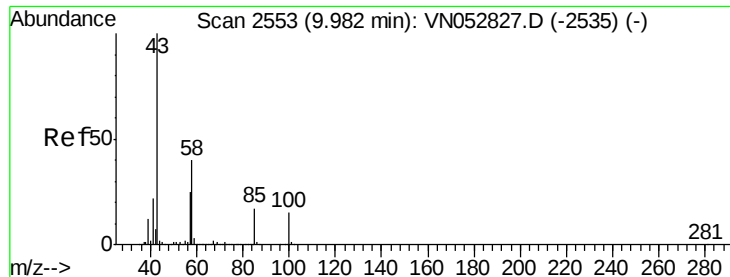
Tgt Ion: 98 Resp: 2120828

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4

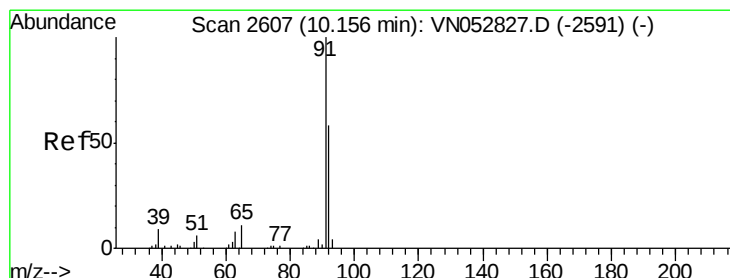
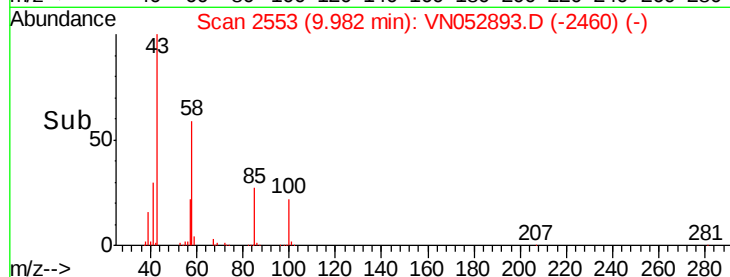
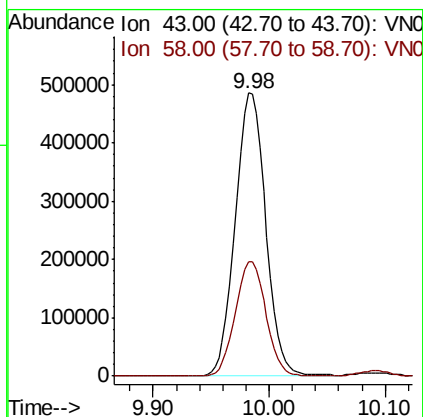
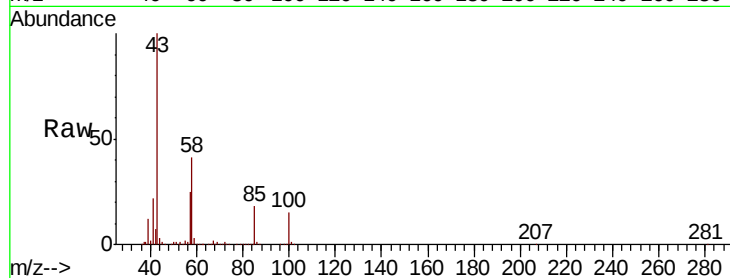




#51
 4-Methyl-2-Pentanone
 Concen: 95.950 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN052893.D
 Acq: 14 Dec 2018 17:18

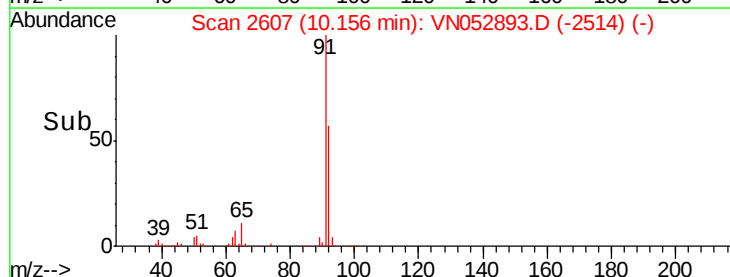
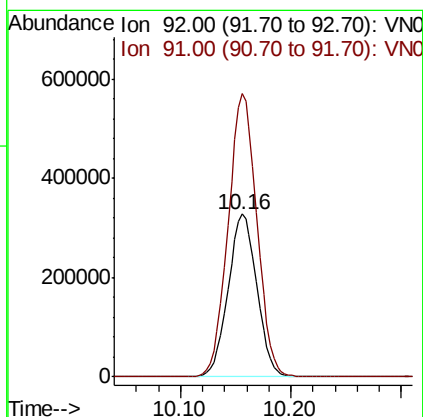
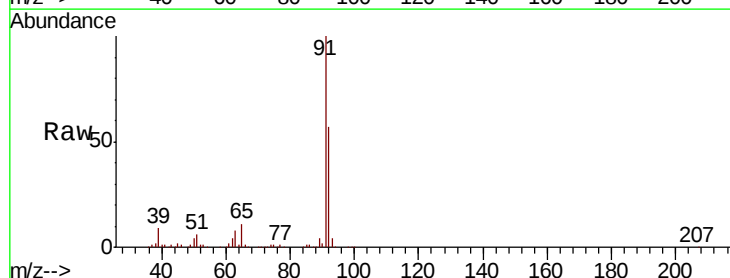
Instrument :
 MSVOA_N
 ClientSampleId :

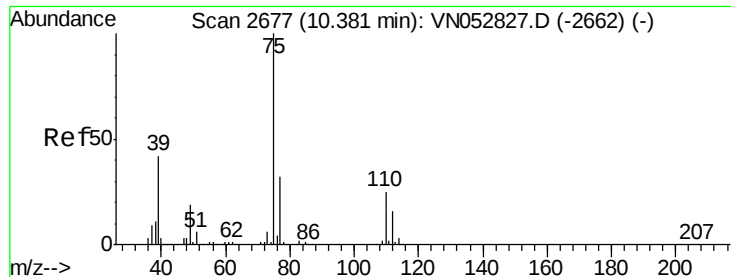
Tot Ion: 43 Resp: 881389
 Ion Ratio Lower Upper
 43 100
 58 40.8 32.2 48.4



#52
 Toluene
 Concen: 19.994 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN052893.D
 Acq: 14 Dec 2018 17:18

Tgt Ion: 92 Resp: 591154
 Ion Ratio Lower Upper
 92 100
 91 174.1 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 19.890 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

Instrument :

MSVOA_N

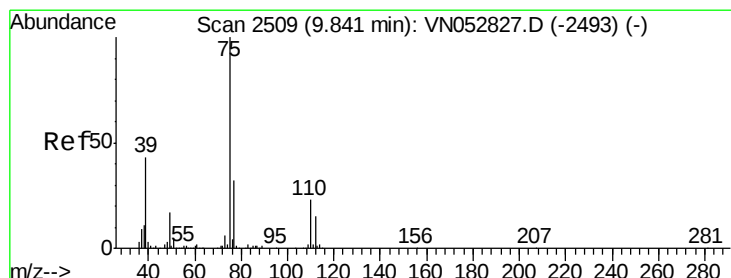
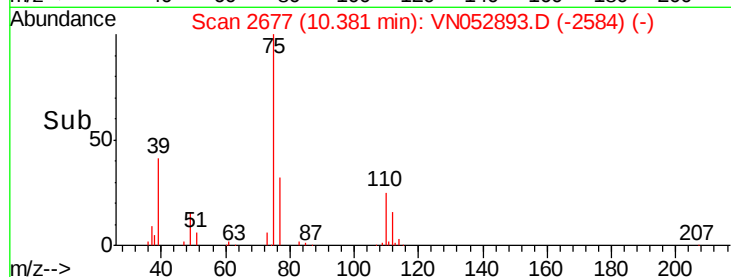
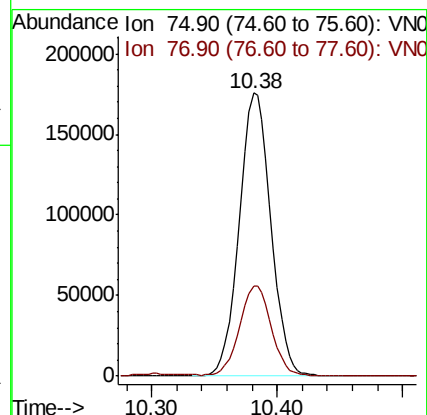
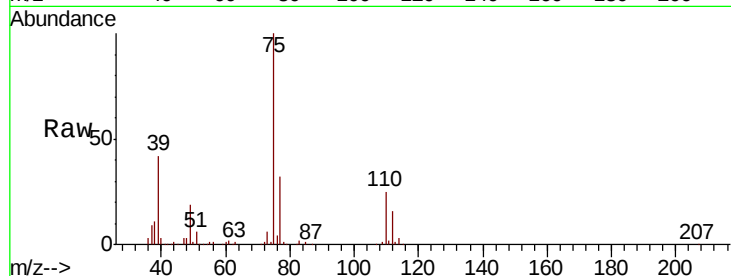
ClientSampleId :

Tot Ion: 75 Resp: 307770

Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 19.766 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

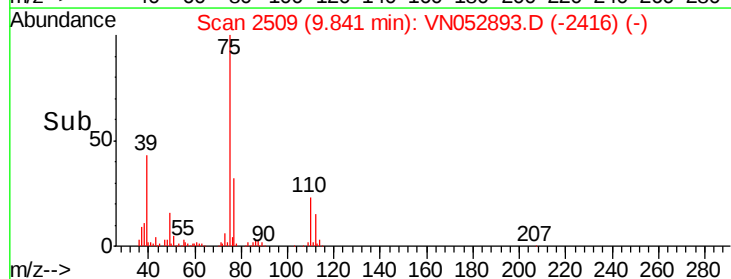
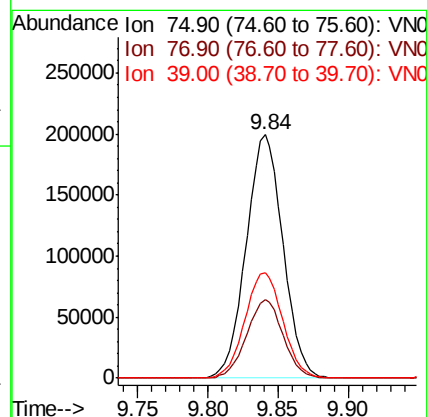
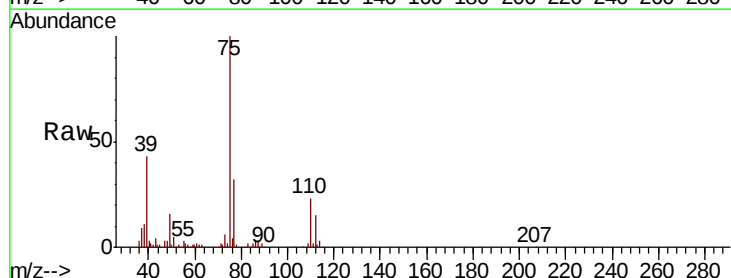
Tgt Ion: 75 Resp: 364461

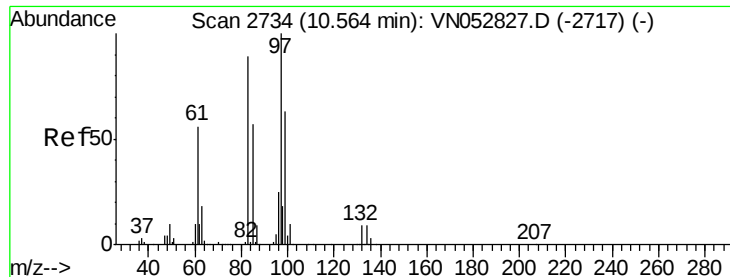
Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.8

39 43.4 34.8 52.2





#55

1,1,2-Trichloroethane

Concen: 19.566 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 206503

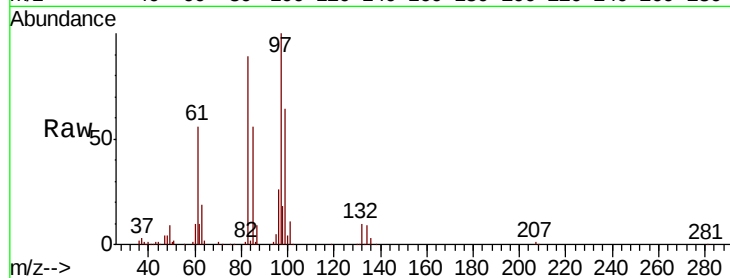
Ion Ratio Lower Upper

97 100

83 89.0 70.9 106.3

85 56.5 45.4 68.2

99 64.1 50.4 75.6

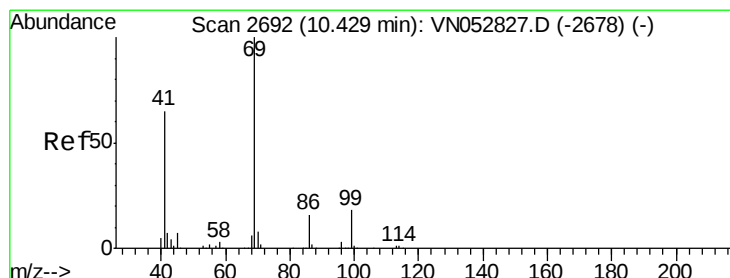
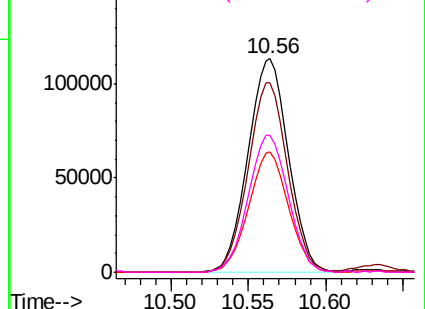
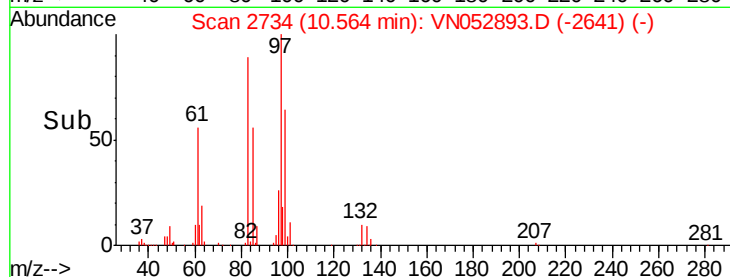


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.697 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

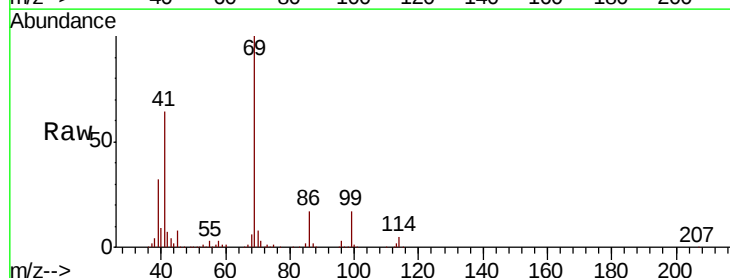
Tgt Ion: 69 Resp: 266788

Ion Ratio Lower Upper

69 100

41 63.2 51.7 77.5

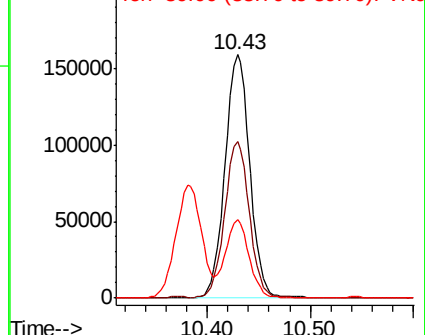
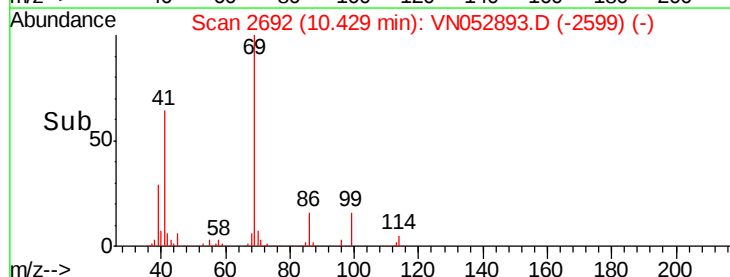
39 30.5 24.6 37.0

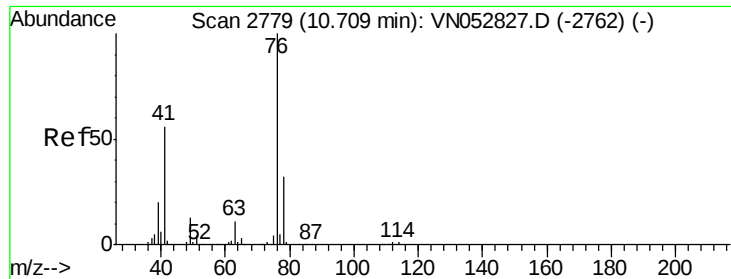


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

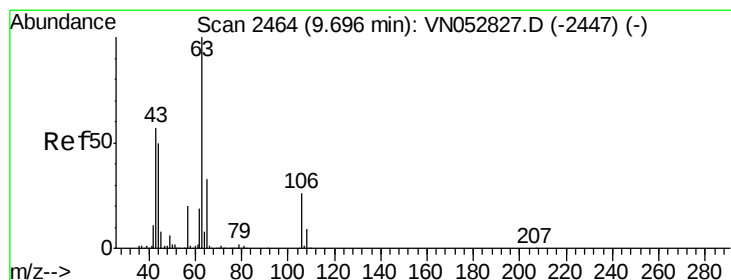
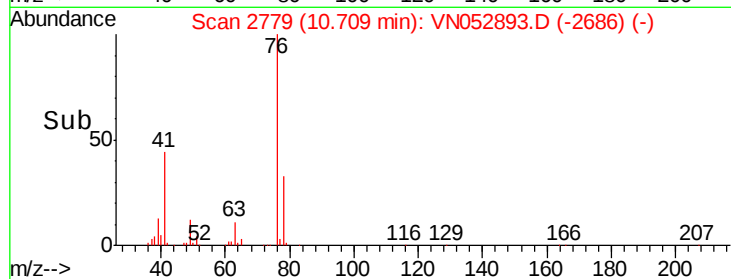
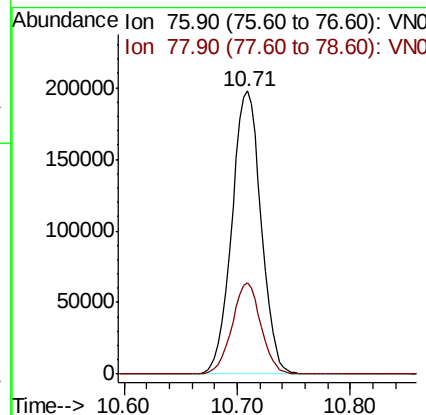
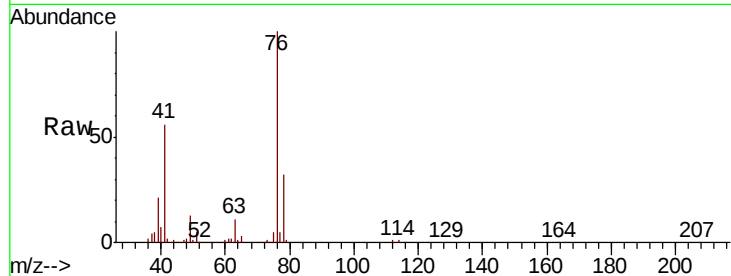




#57
 1,3-Dichloropropane
 Concen: 19.619 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN052893.D
 Acq: 14 Dec 2018 17:18

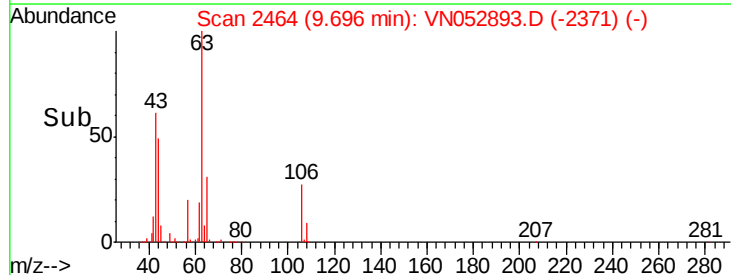
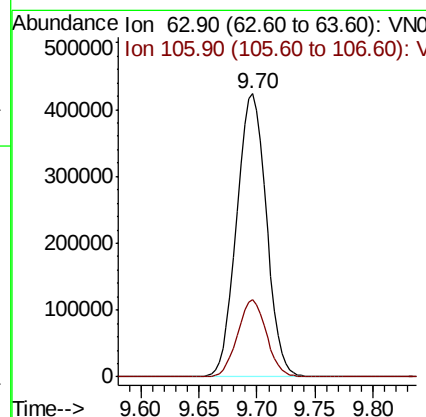
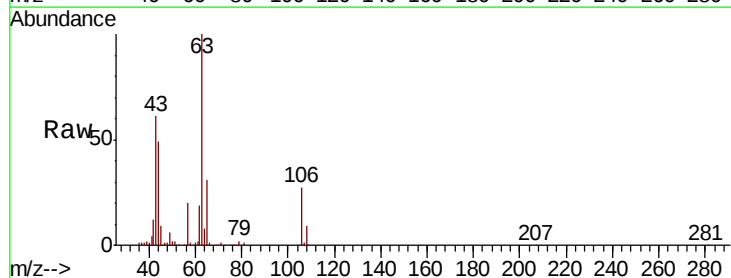
Instrument :
 MSVOA_N
 ClientSampleId :

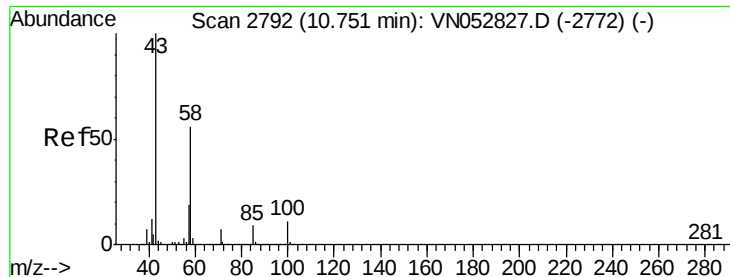
Tot Ion: 76 Resp: 355079
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.469 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN052893.D
 Acq: 14 Dec 2018 17:18

Tgt Ion: 63 Resp: 751760
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.0 31.6

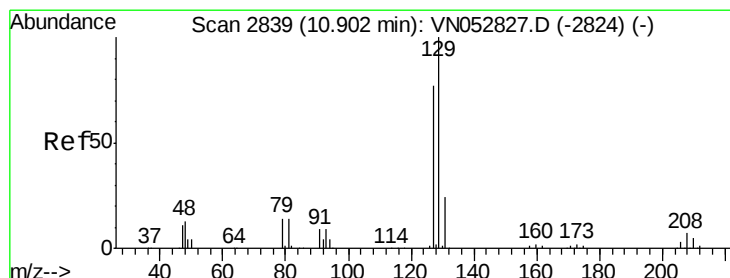
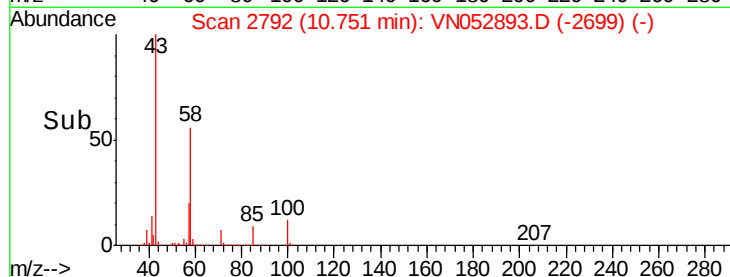
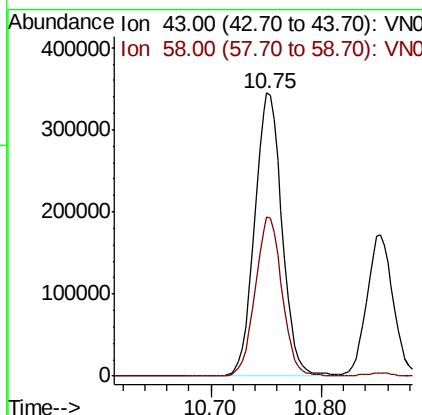
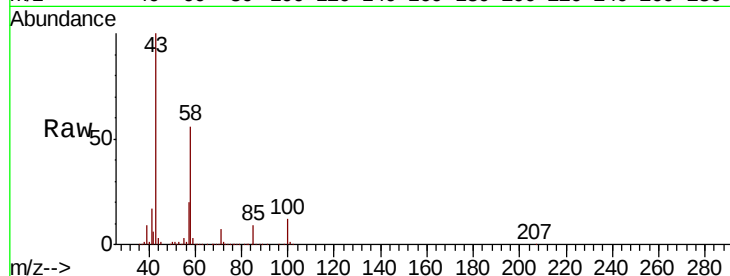




#59
2-Hexanone
Concen: 93.684 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN052893.D
Acq: 14 Dec 2018 17:18

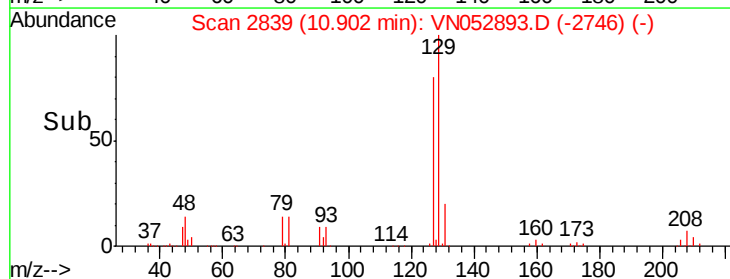
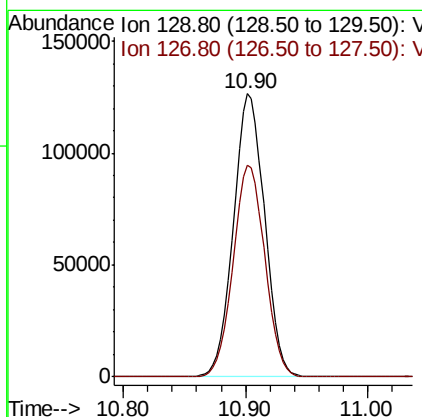
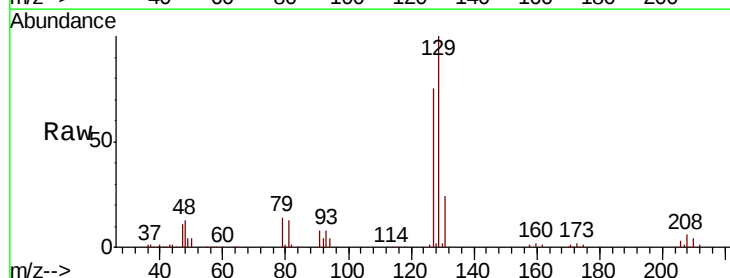
Instrument :
MSVOA_N
ClientSampled :

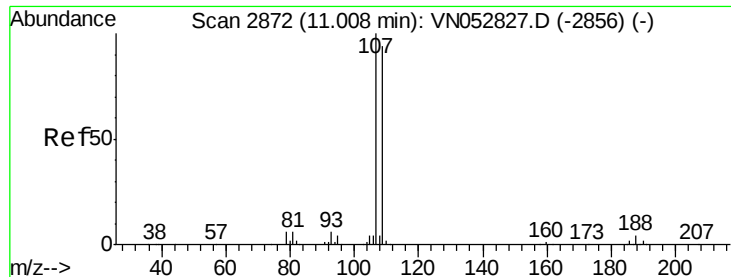
Tot Ion: 43 Resp: 589770
Ion Ratio Lower Upper
43 100
58 55.6 28.1 84.3



#60
Dibromochloromethane
Concen: 19.590 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN052893.D
Acq: 14 Dec 2018 17:18

Tgt Ion: 129 Resp: 223452
Ion Ratio Lower Upper
129 100
127 76.0 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.462 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

Instrument :

MSVOA_N

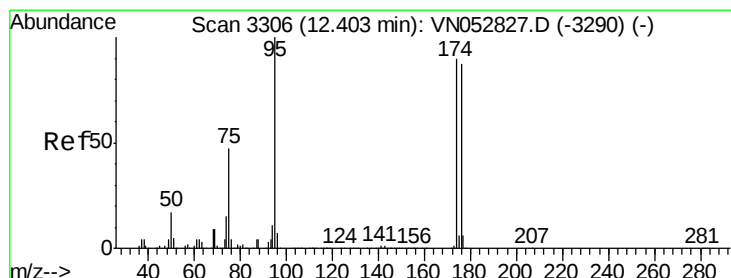
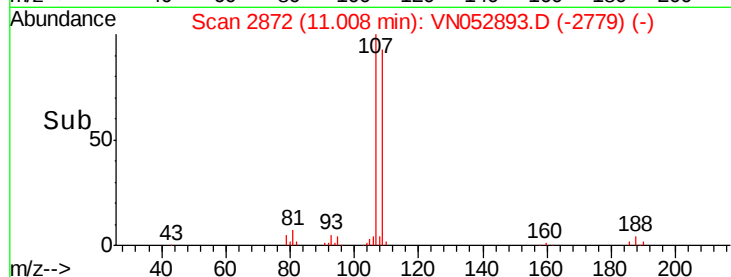
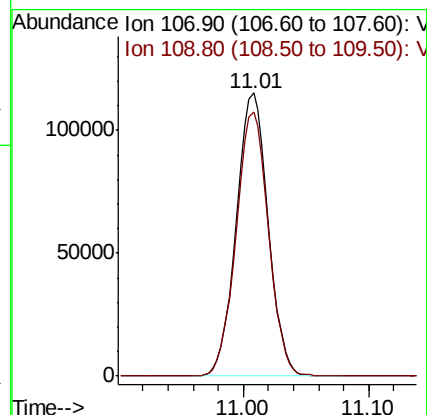
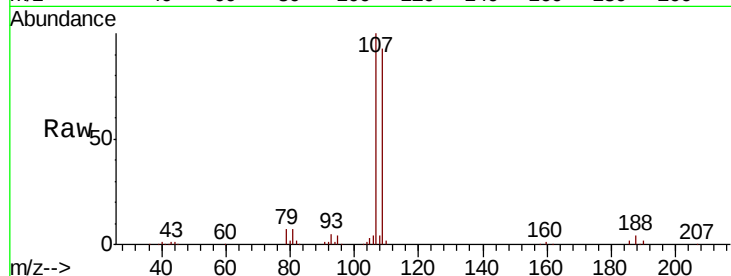
ClientSampled :

Tot Ion:107 Resp: 203044

Ion Ratio Lower Upper

107 100

109 94.7 75.4 113.0



#62

4-Bromofluorobenzene

Concen: 19.462 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

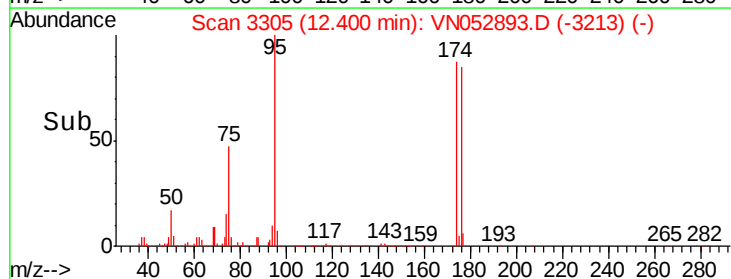
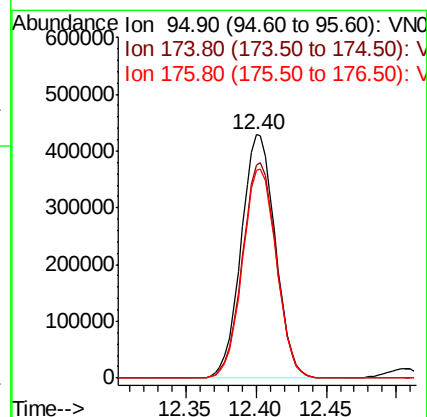
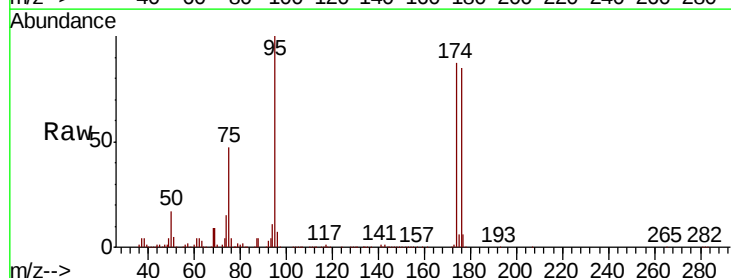
Tgt Ion: 95 Resp: 727417

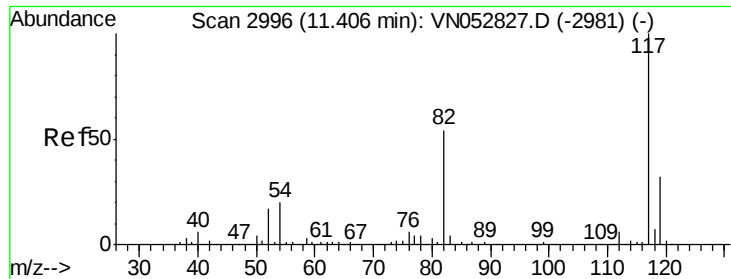
Ion Ratio Lower Upper

95 100

174 88.1 0.0 178.8

176 85.7 0.0 173.8

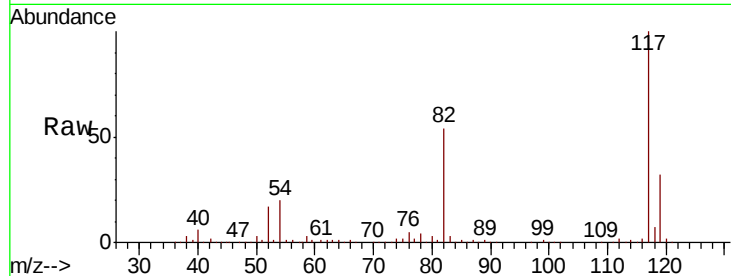




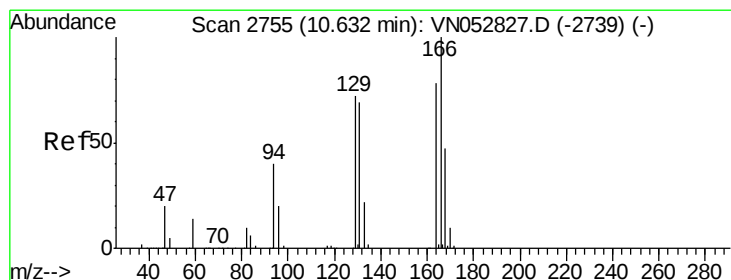
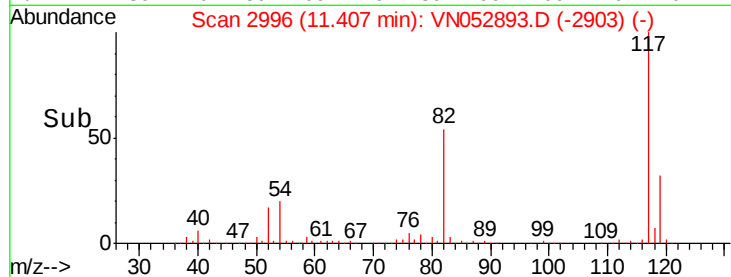
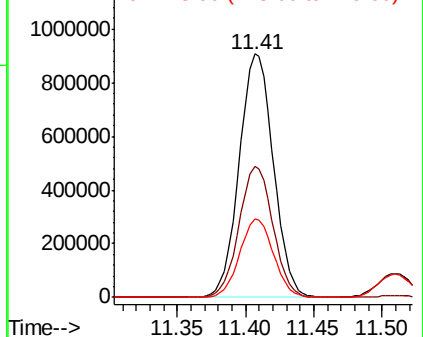
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052893.D
Acq: 14 Dec 2018 17:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 1576687
Ion Ratio Lower Upper
117 100
82 53.6 42.8 64.2
119 32.1 25.5 38.3

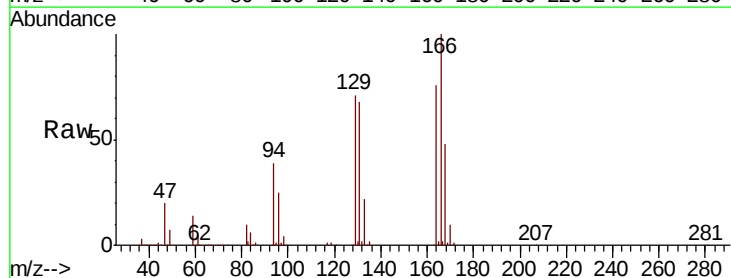


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

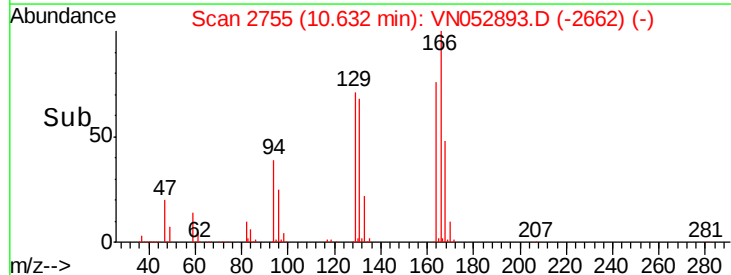
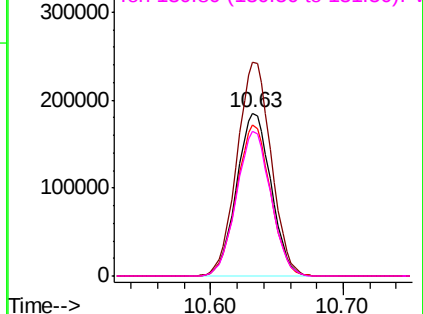


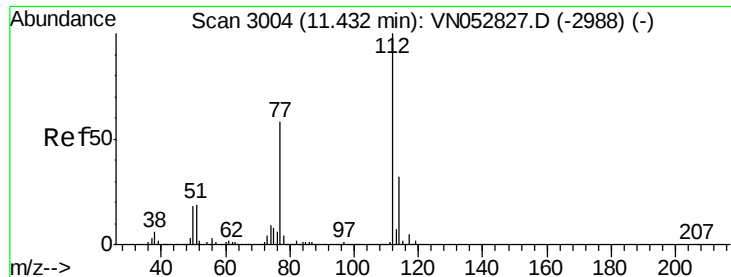
#64
Tetrachloroethene
Concen: 24.614 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052893.D
Acq: 14 Dec 2018 17:18

Tgt Ion:164 Resp: 333547
Ion Ratio Lower Upper
164 100
166 130.9 102.9 154.3
129 92.9 73.7 110.5
131 89.0 70.7 106.1



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





#65

Chlorobenzene

Concen: 19.669 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

Instrument :

MSVOA_N

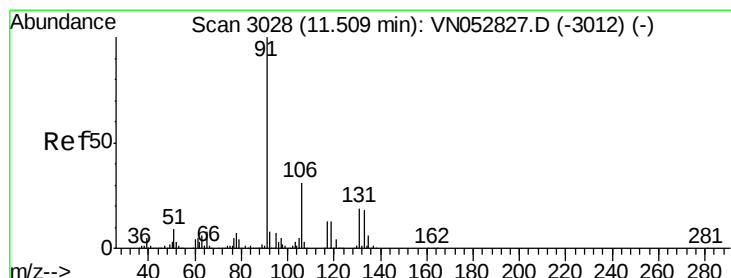
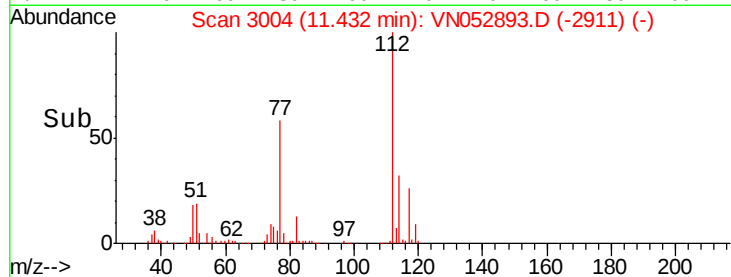
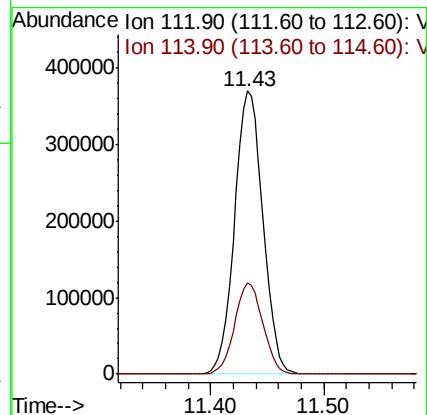
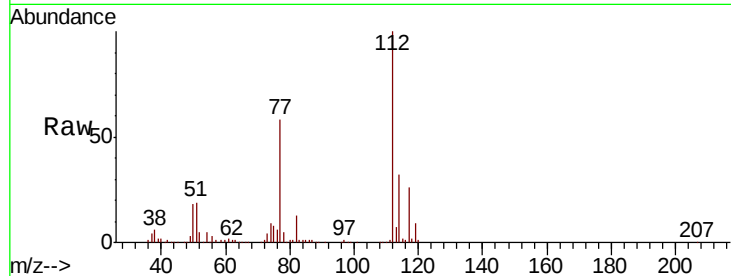
ClientSampleId :

Tot Ion:112 Resp: 643382

Ion Ratio Lower Upper

112 100

114 32.1 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.842 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

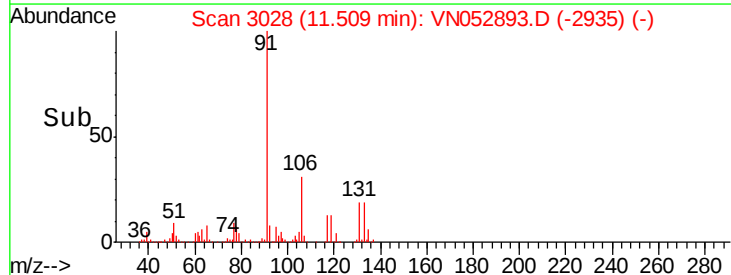
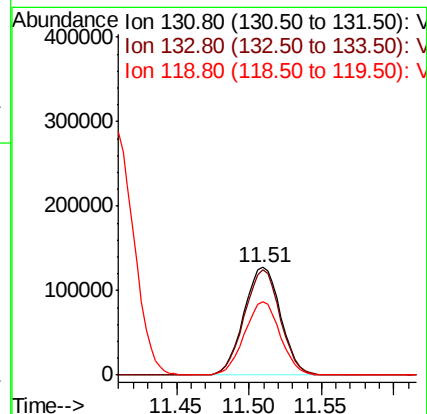
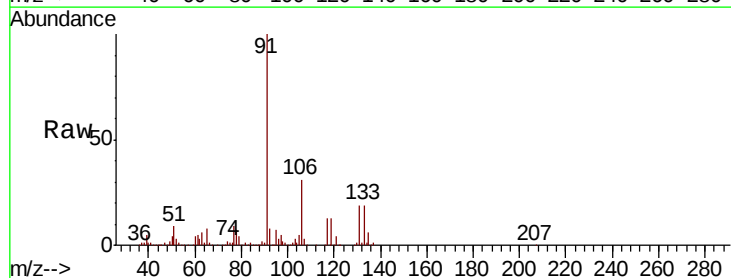
Tgt Ion:131 Resp: 225732

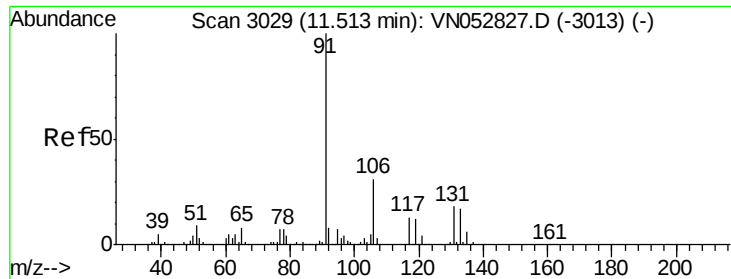
Ion Ratio Lower Upper

131 100

133 95.5 47.6 142.9

119 66.3 33.3 99.8





#67

Ethyl Benzene

Concen: 19.916 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

Instrument :

MSVOA_N

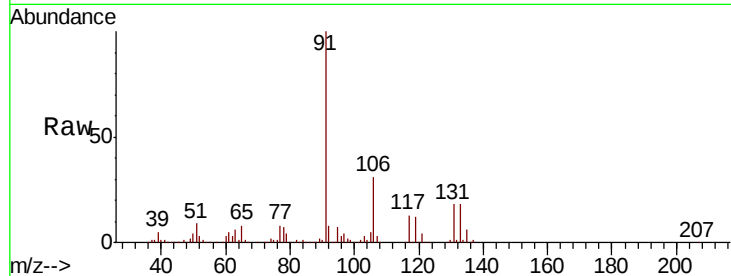
ClientSampled :

Tot Ion: 91 Resp: 1118783

Ion Ratio Lower Upper

91 100

106 31.2 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VN052827.D (-3013) (-)

Ion 106.00 (105.70 to 106.70): VN052827.D (-3013) (-)

1000000

800000

600000

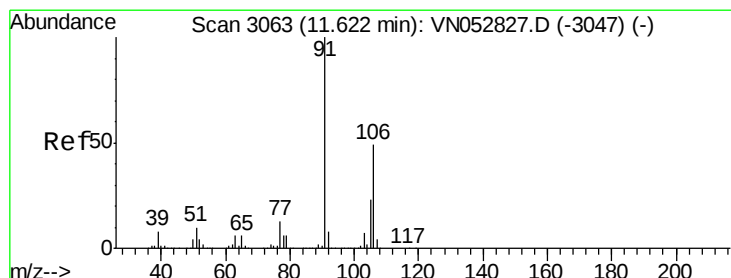
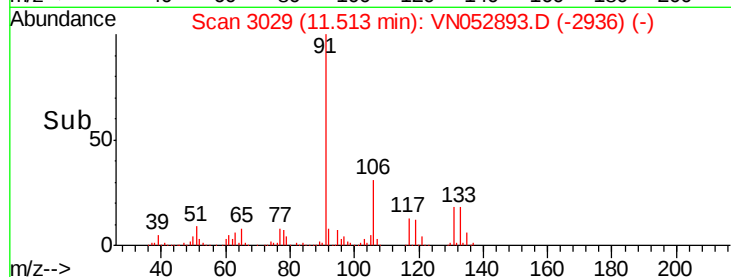
400000

200000

0

11.45 11.50 11.55 11.60

Time-->



#68

m/p-Xylenes

Concen: 40.097 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN052893.D

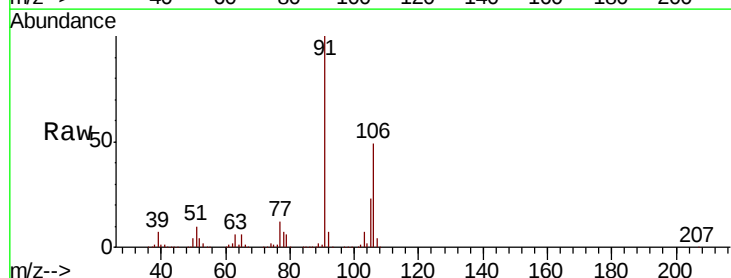
Acq: 14 Dec 2018 17:18

Tgt Ion: 106 Resp: 845766

Ion Ratio Lower Upper

106 100

91 201.9 162.2 243.4



Abundance Ion 106.00 (105.70 to 106.70): VN052827.D (-3047) (-)

Ion 91.00 (90.70 to 91.70): VN052827.D (-3047) (-)

1000000

800000

600000

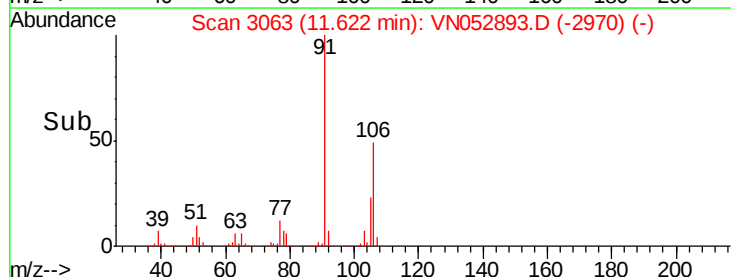
400000

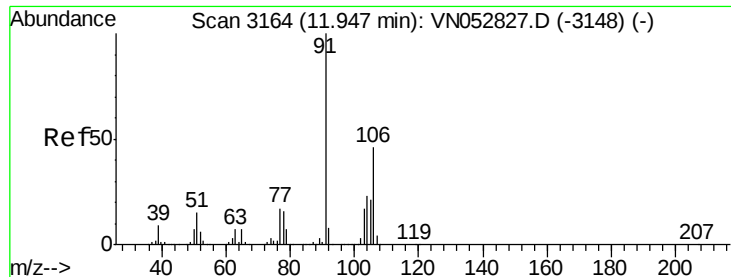
200000

0

11.60 11.62 11.64 11.66 11.68

Time-->

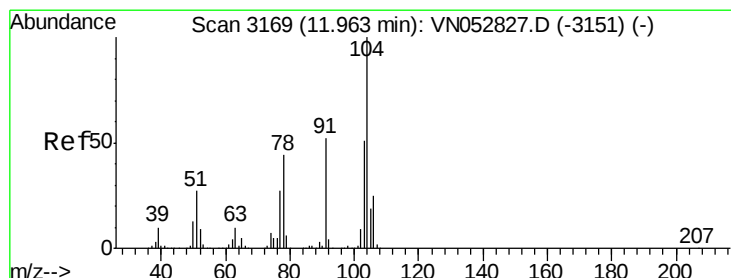
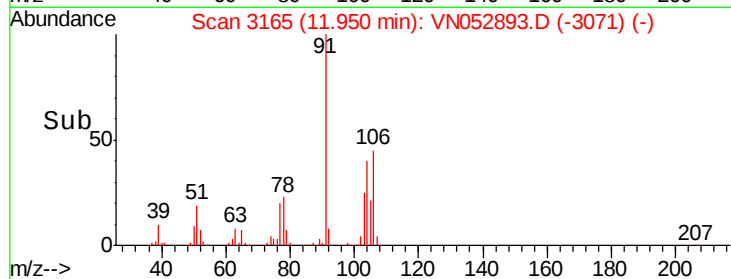
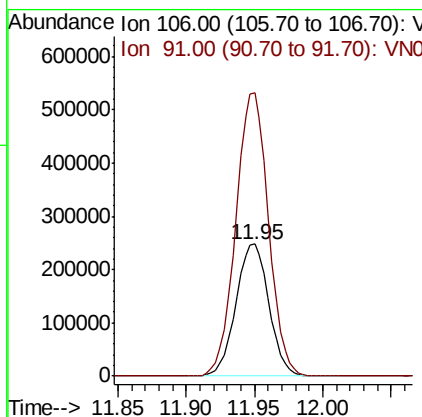
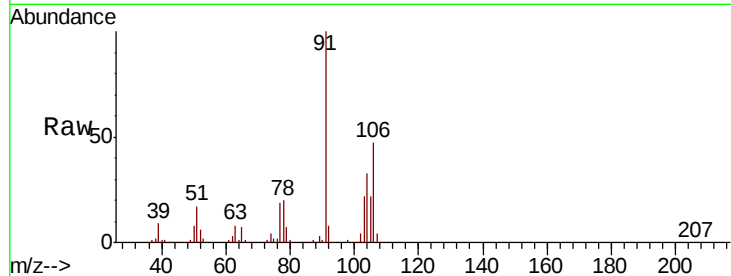




#69
o-Xylene
Concen: 20.130 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052893.D
Acq: 14 Dec 2018 17:18

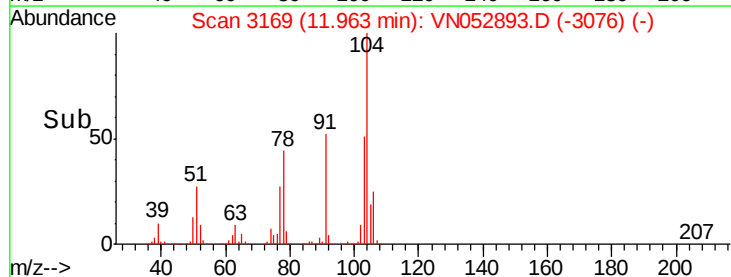
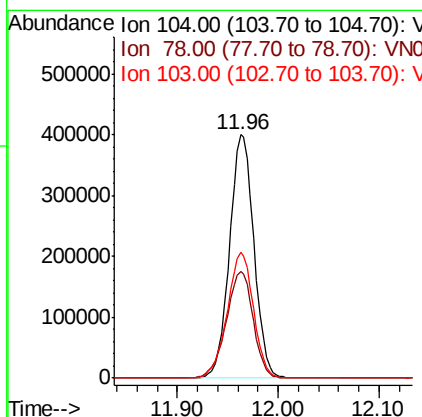
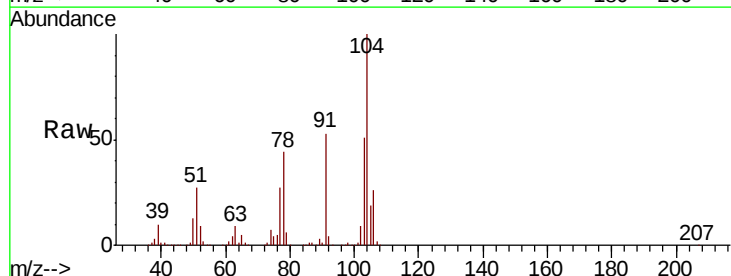
Instrument :
MSVOA_N
ClientSampled :

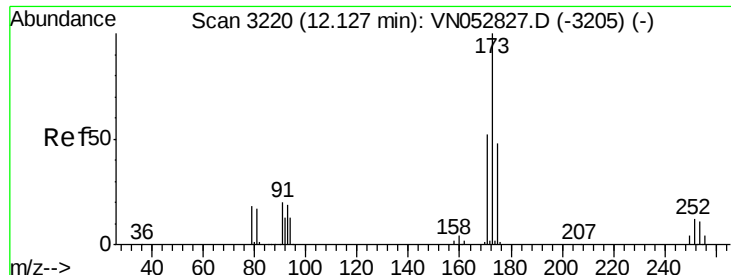
Tot Ion:106 Resp: 414622
Ion Ratio Lower Upper
106 100
91 212.8 106.6 319.8



#70
Styrene
Concen: 20.363 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052893.D
Acq: 14 Dec 2018 17:18

Tgt Ion:104 Resp: 674231
Ion Ratio Lower Upper
104 100
78 48.4 38.9 58.3
103 55.5 44.3 66.5

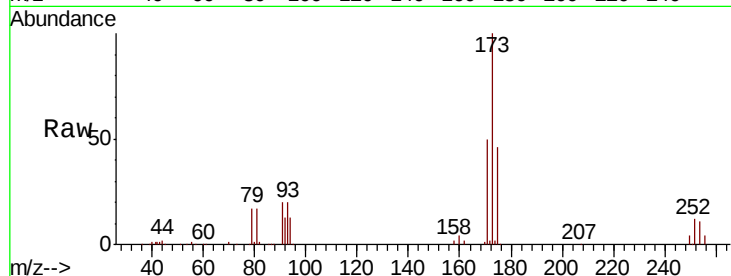




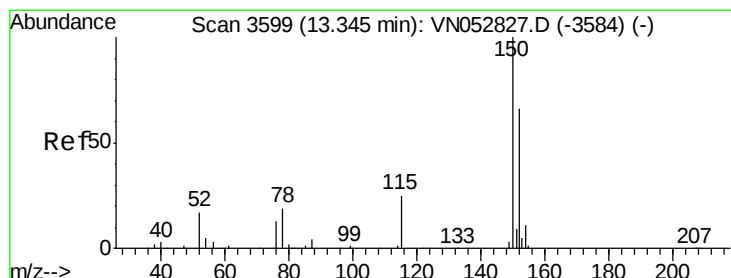
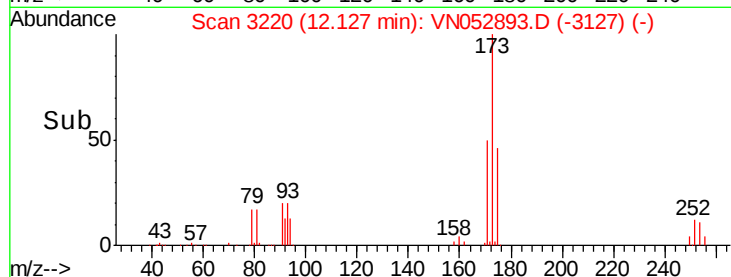
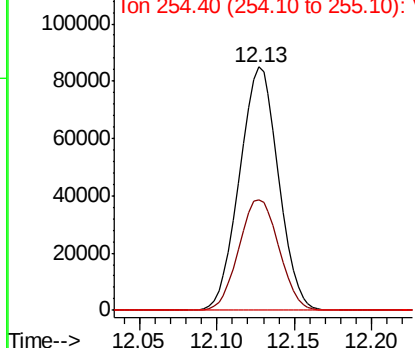
#71
Bromoform
Concen: 19.249 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN052893.D
Acq: 14 Dec 2018 17:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 148769
Ion Ratio Lower Upper
173 100
175 46.9 24.3 72.9
254 0.0 0.1 0.1#

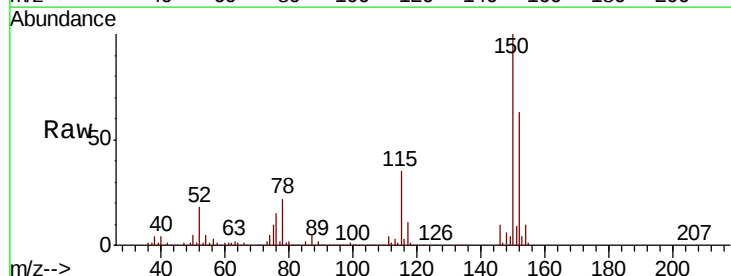


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

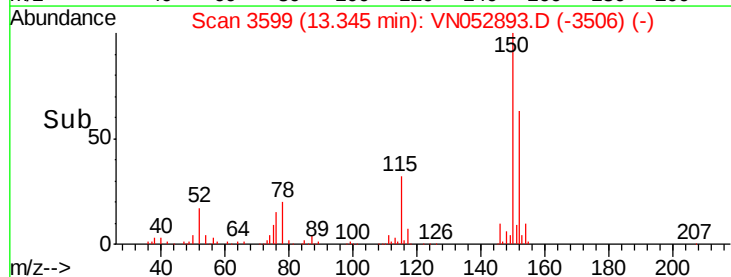
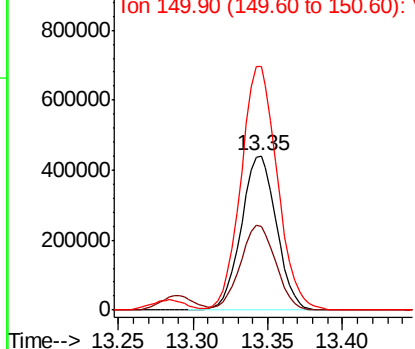


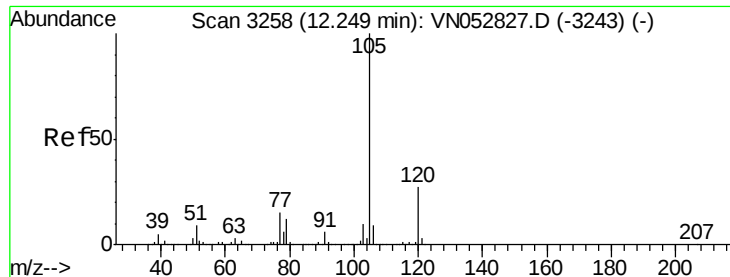
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052893.D
Acq: 14 Dec 2018 17:18

Tgt Ion:152 Resp: 720861
Ion Ratio Lower Upper
152 100
115 55.6 28.3 85.0
150 163.3 0.0 347.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.215 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

Instrument :

MSVOA_N

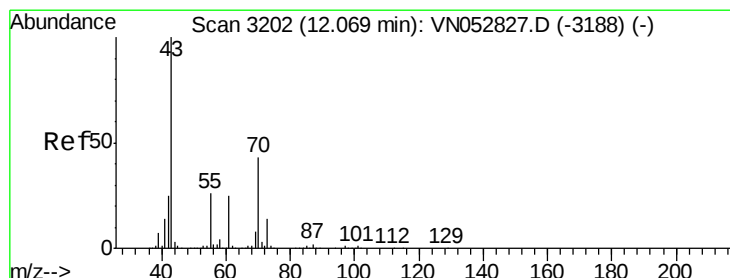
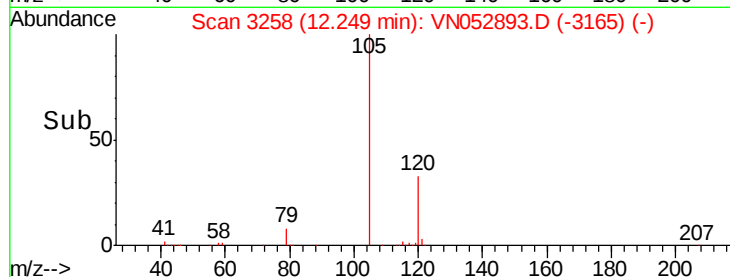
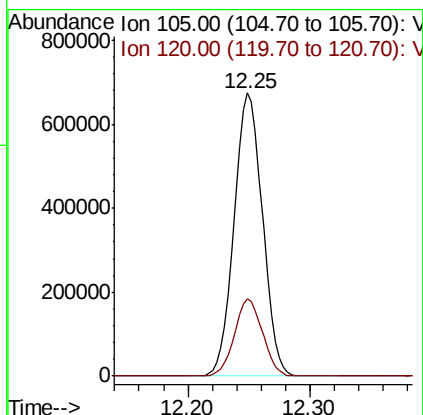
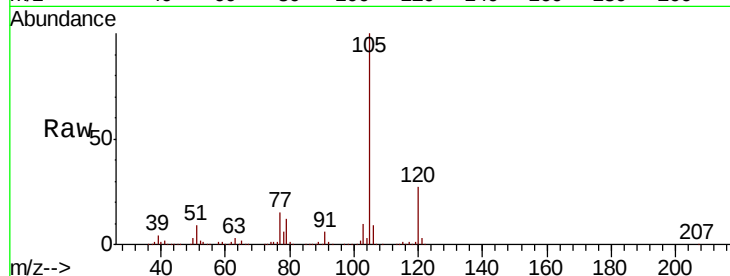
ClientSampleId :

Tot Ion:105 Resp: 1087988

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 20.189 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

Tgt Ion: 43 Resp: 298320

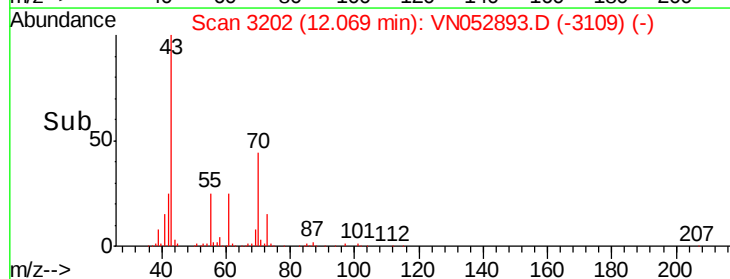
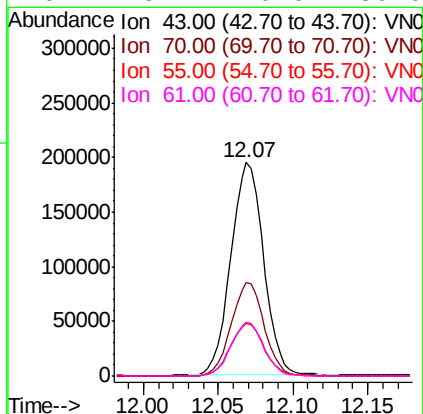
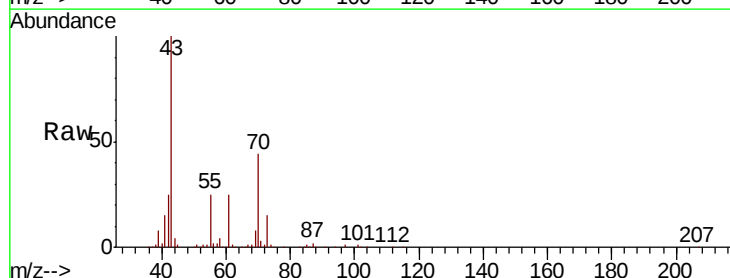
Ion Ratio Lower Upper

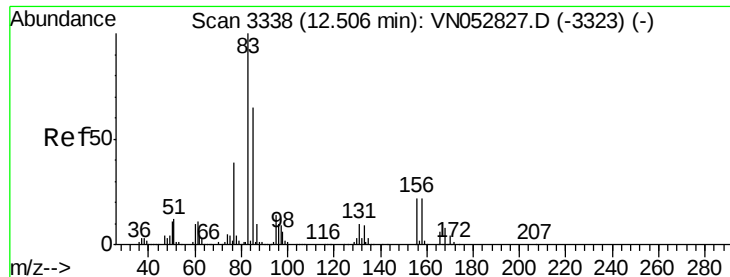
43 100

70 44.2 34.2 51.4

55 25.3 20.3 30.5

61 25.1 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 15.890 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

Instrument :

MSVOA_N

ClientSampleId :

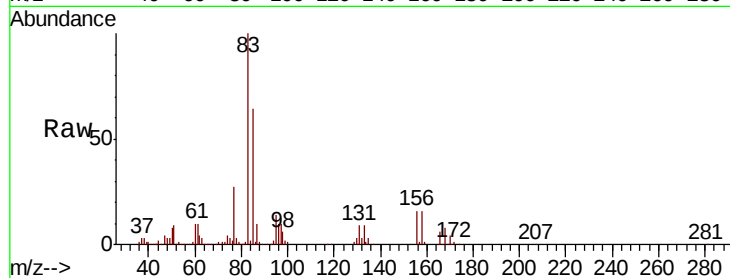
Tot Ion: 83 Resp: 191672

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

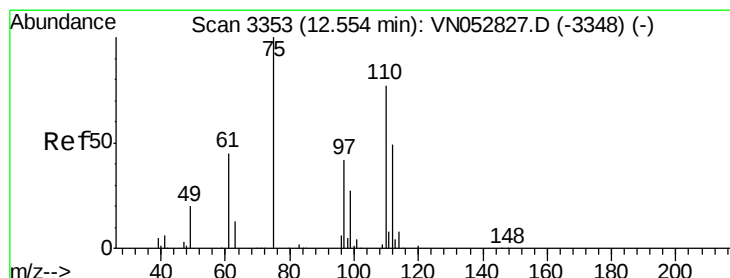
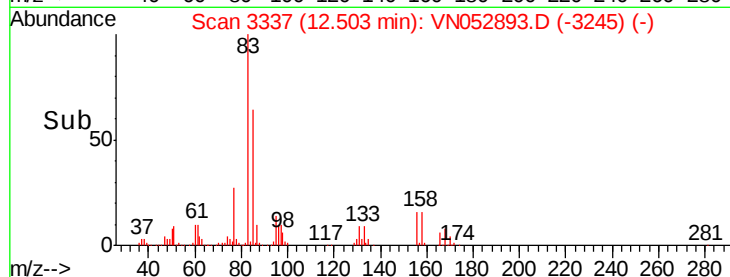
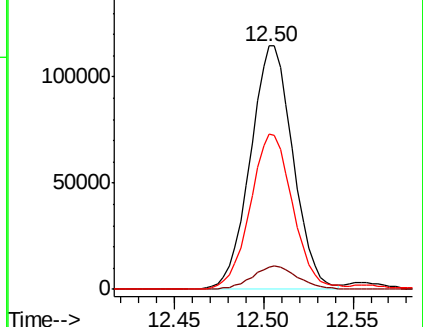
85 63.6 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN052827.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN052827.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN052827.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 28.535 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN052893.D

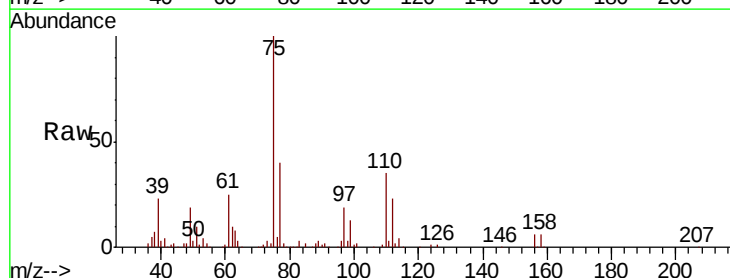
Acq: 14 Dec 2018 17:18

Tgt Ion: 75 Resp: 303484

Ion Ratio Lower Upper

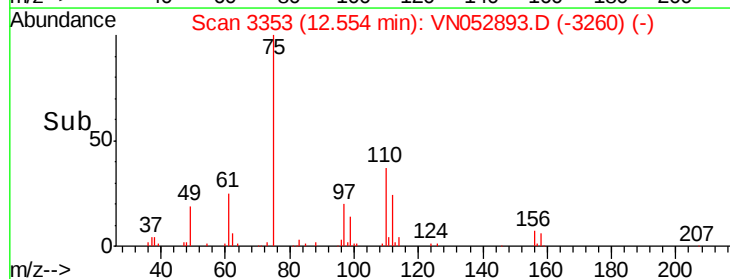
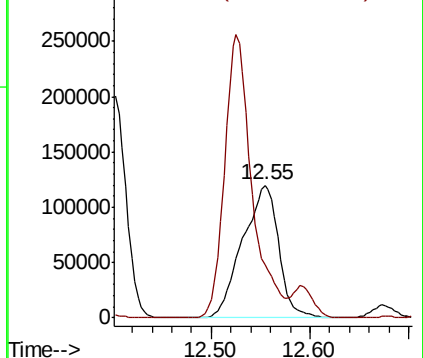
75 100

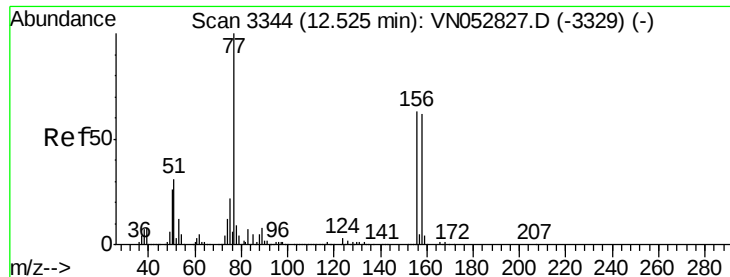
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN052827.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN052827.D (-3348) (-)





#77

Bromobenzene

Concen: 20.330 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

Instrument :

MSVOA_N

ClientSampleId :

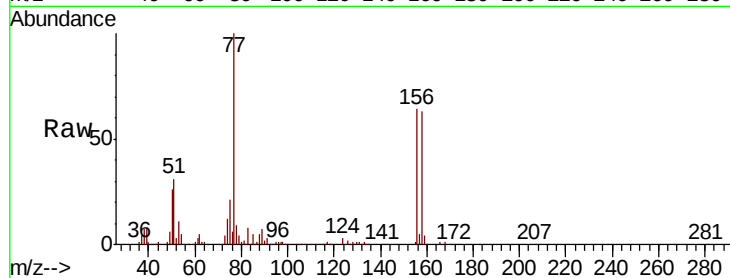
Tot Ion:156 Resp: 278311

Ion Ratio Lower Upper

156 100

77 179.6 91.3 273.8

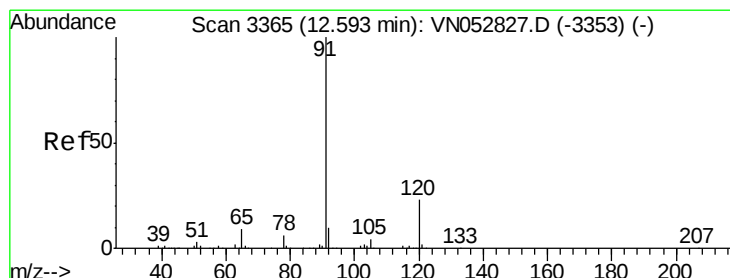
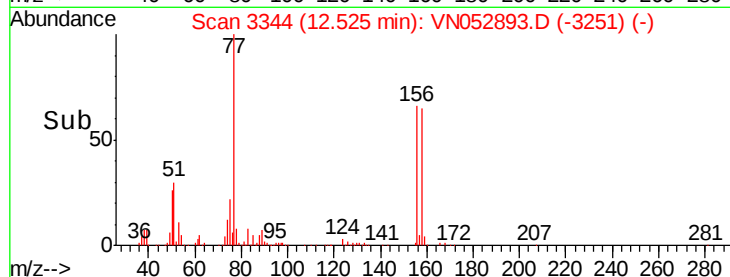
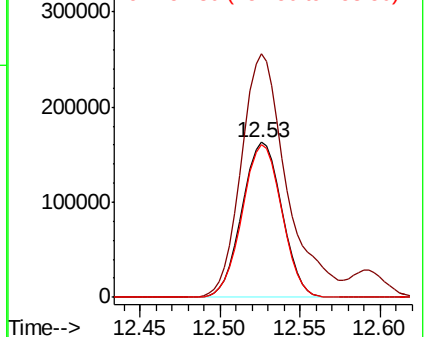
158 97.3 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.175 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052893.D

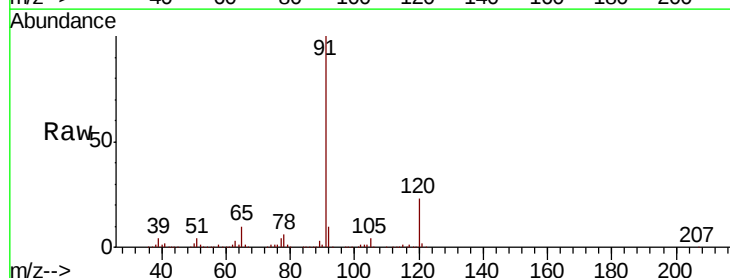
Acq: 14 Dec 2018 17:18

Tgt Ion: 91 Resp: 1238419

Ion Ratio Lower Upper

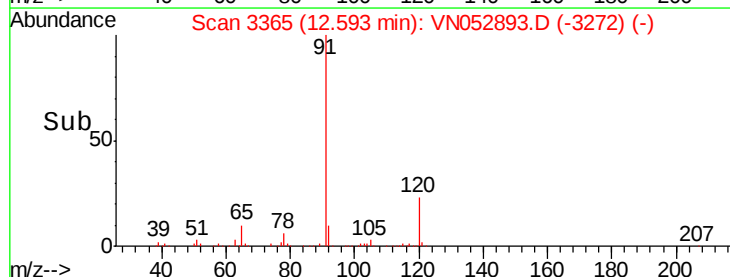
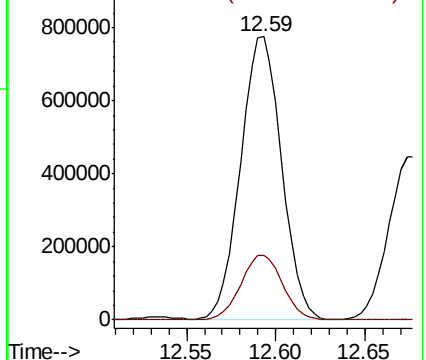
91 100

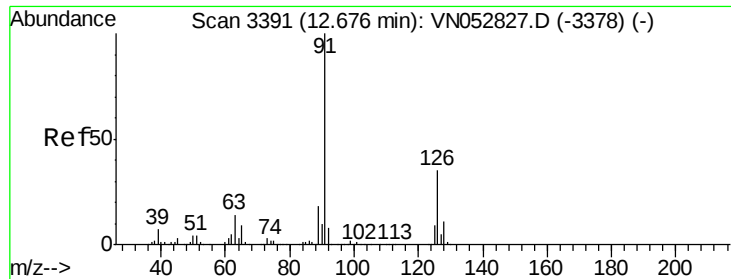
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.311 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

Instrument :

MSVOA_N

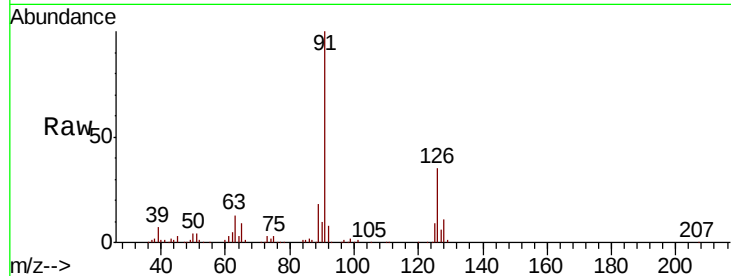
ClientSampled :

Tot Ion: 91 Resp: 737079

Ion Ratio Lower Upper

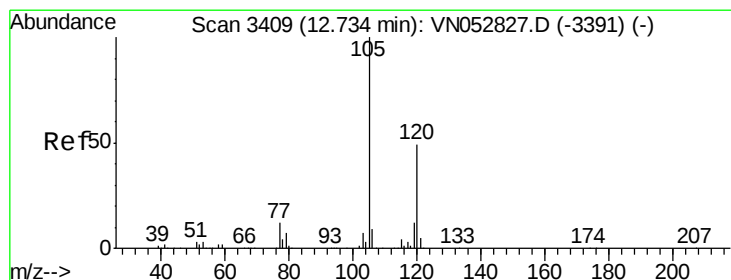
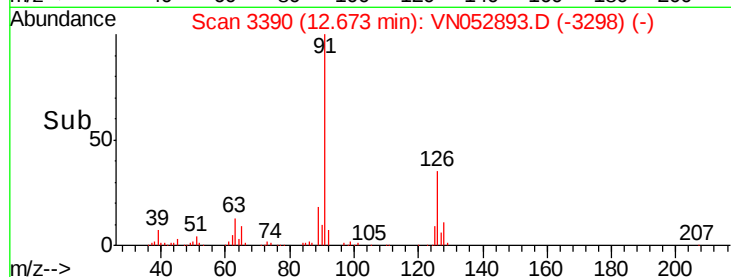
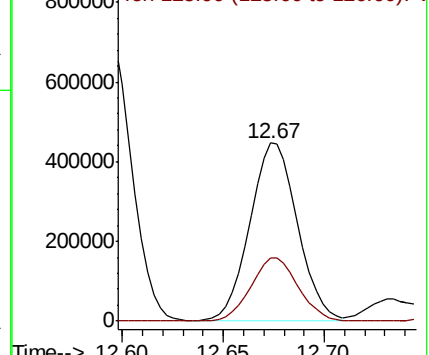
91 100

126 35.2 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VN052827.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN052827.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.261 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052893.D

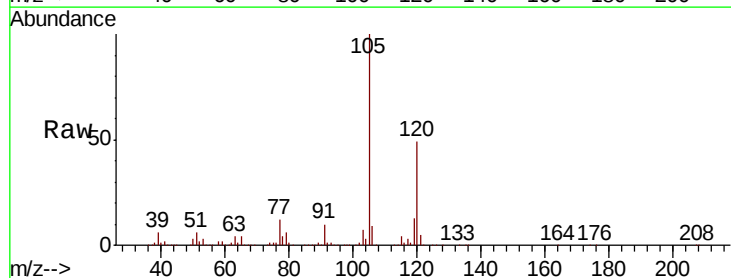
Acq: 14 Dec 2018 17:18

Tgt Ion:105 Resp: 880306

Ion Ratio Lower Upper

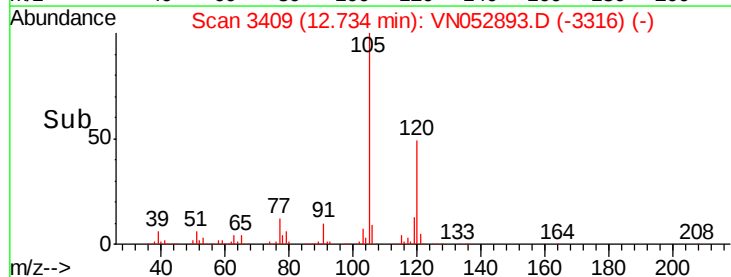
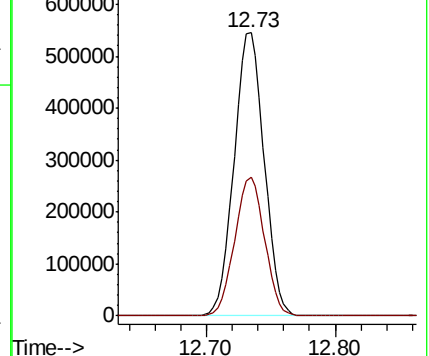
105 100

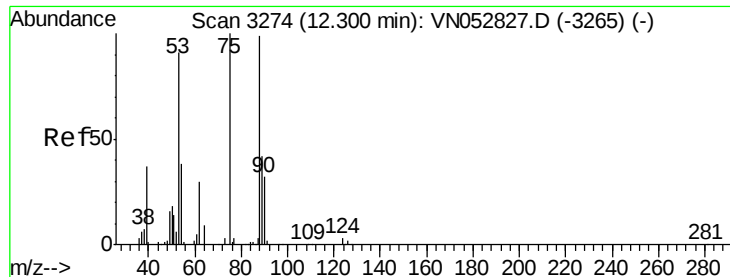
120 48.7 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN052827.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN052827.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.288 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

Instrument :

MSVOA_N

ClientSampleId :

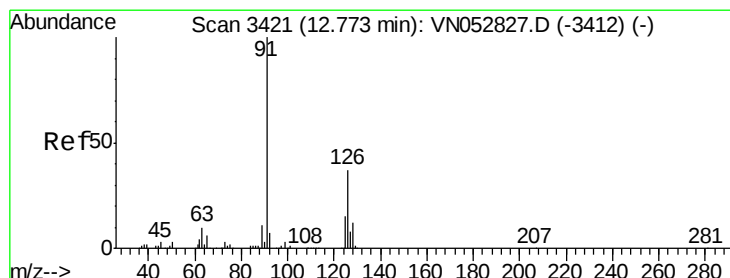
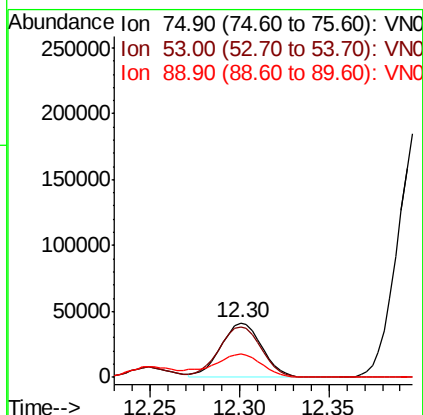
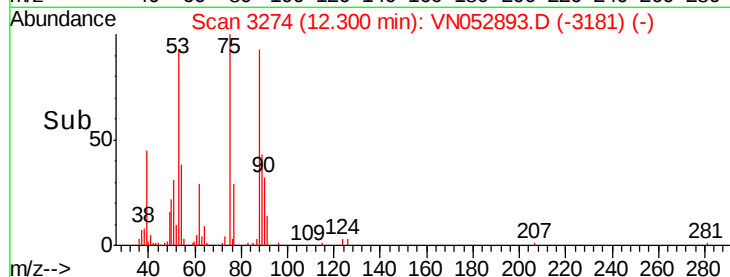
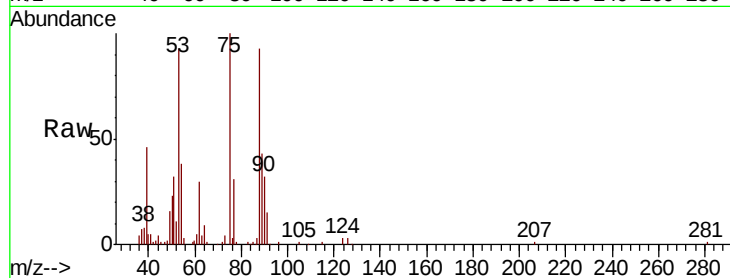
Tot Ion: 75 Resp: 67168

Ion Ratio Lower Upper

75 100

53 96.2 74.7 112.1

89 45.7 36.1 54.1



#82

4-Chlorotoluene

Concen: 19.968 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN052893.D

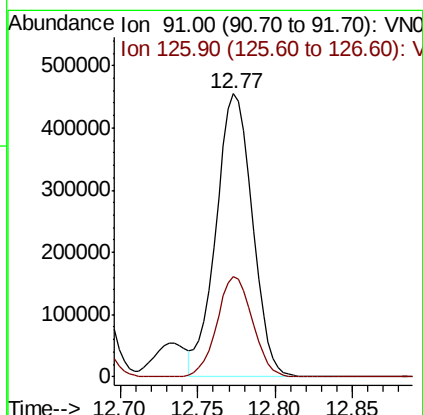
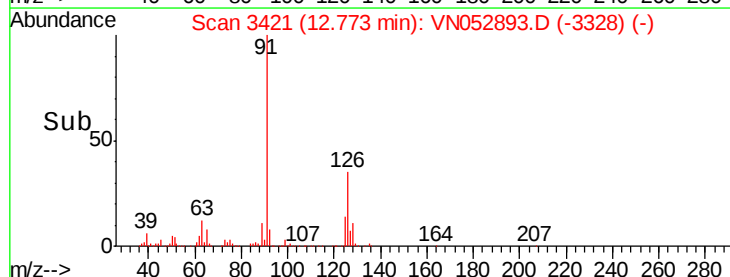
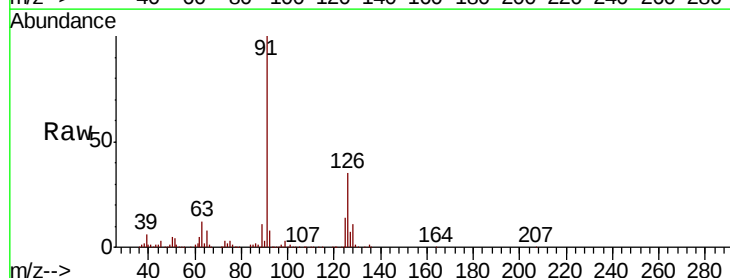
Acq: 14 Dec 2018 17:18

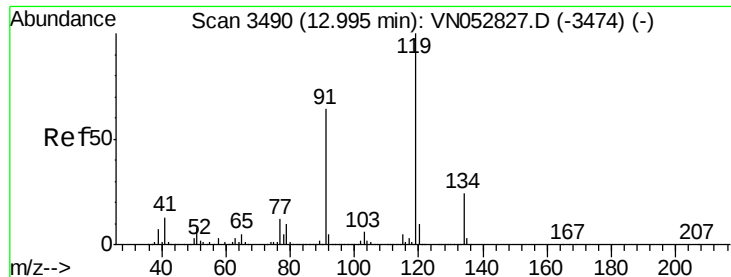
Tgt Ion: 91 Resp: 740887

Ion Ratio Lower Upper

91 100

126 34.7 17.3 51.7

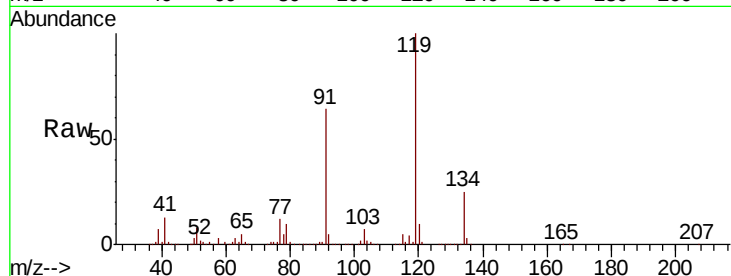




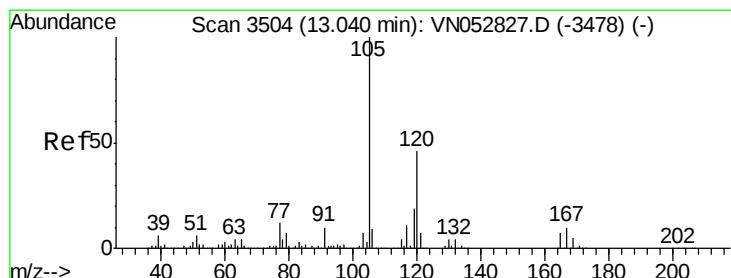
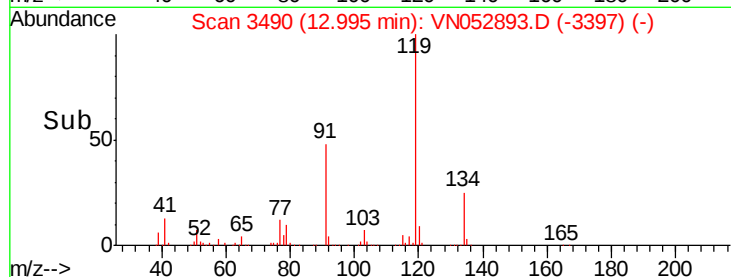
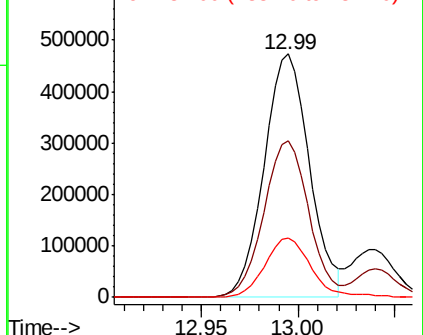
#83
 tert-Butylbenzene
 Concen: 20.103 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN052893.D
 Acq: 14 Dec 2018 17:18

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 770498
 Ion Ratio Lower Upper
 119 100
 91 64.0 31.9 95.5
 134 25.1 12.8 38.4

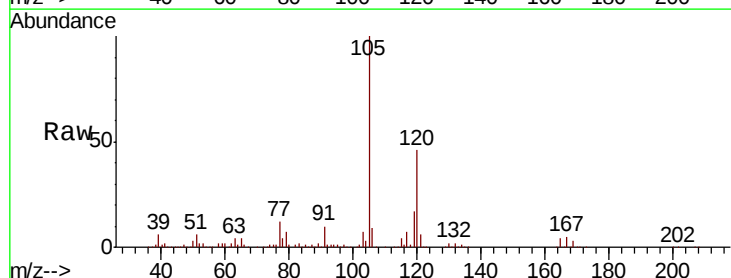


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

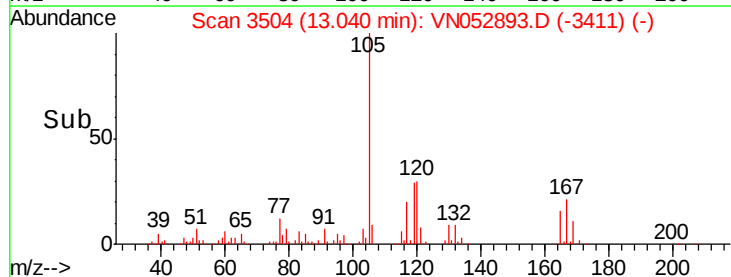
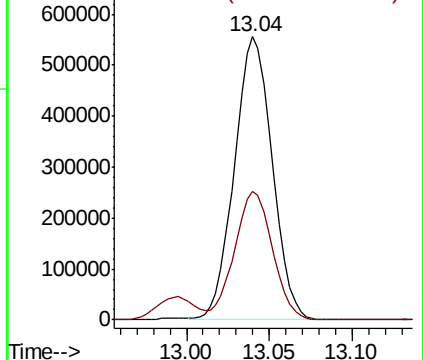


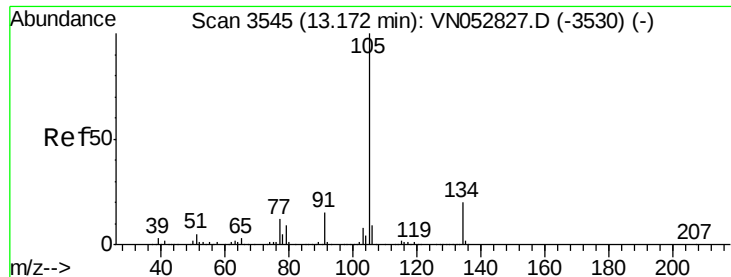
#84
 1,2,4-Trimethylbenzene
 Concen: 20.022 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN052893.D
 Acq: 14 Dec 2018 17:18

Tgt Ion:105 Resp: 880649
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.8



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

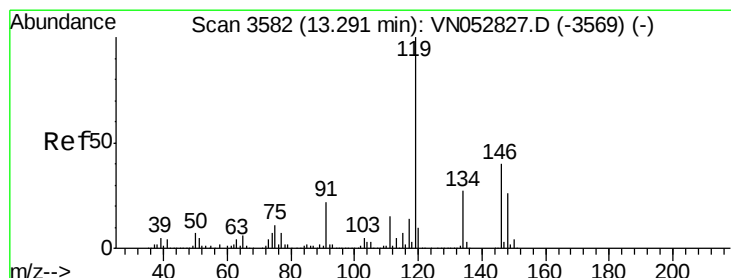
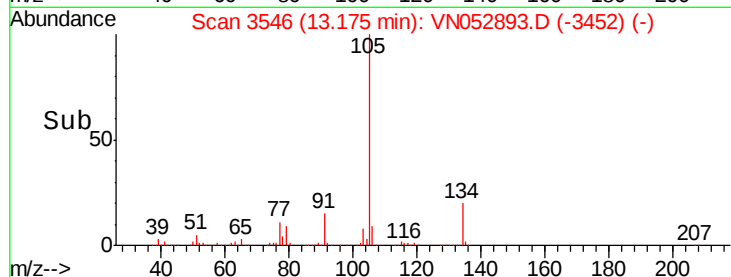
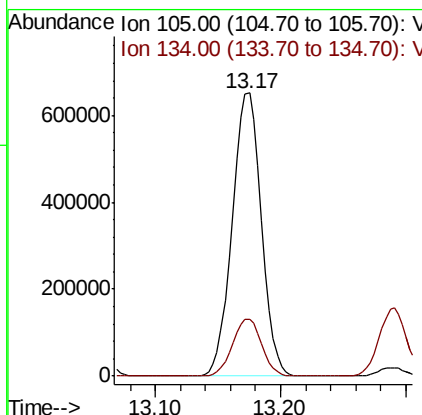
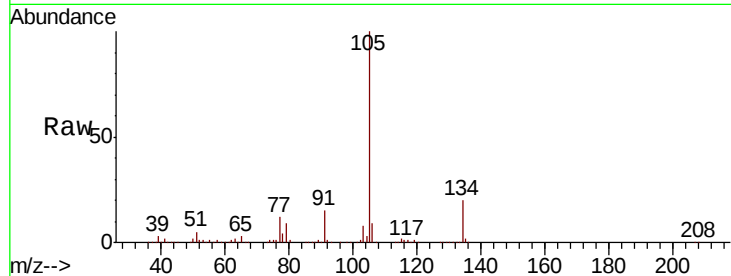




#85
 sec-Butylbenzene
 Concen: 20.165 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN052893.D
 Acq: 14 Dec 2018 17:18

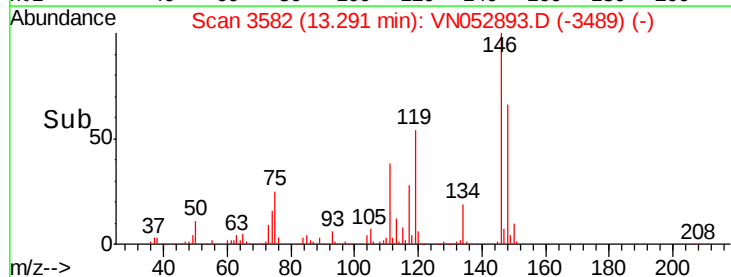
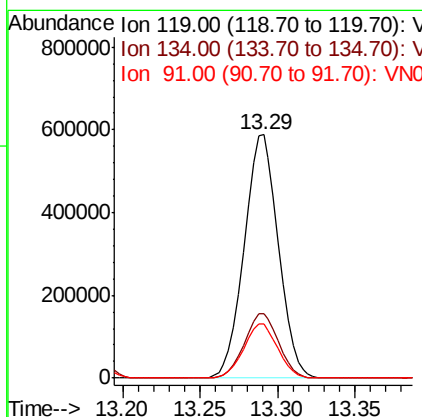
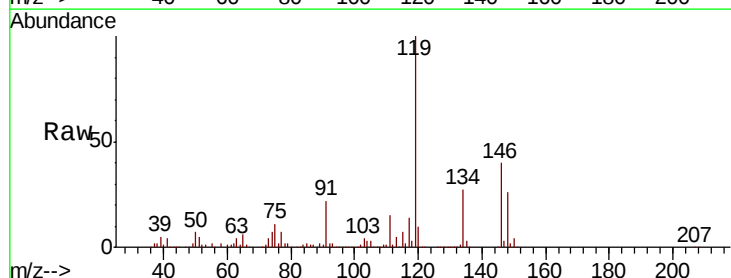
Instrument :
 MSVOA_N
 ClientSampleId :

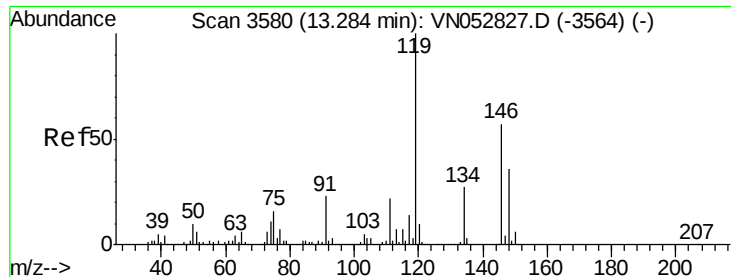
Tot Ion:105 Resp: 1046645
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 20.057 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN052893.D
 Acq: 14 Dec 2018 17:18

Tgt Ion:119 Resp: 901955
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 22.4 11.1 33.3

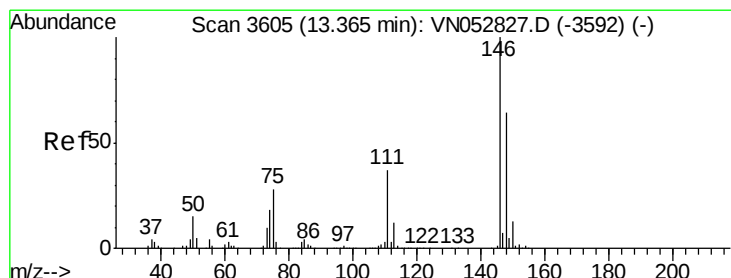
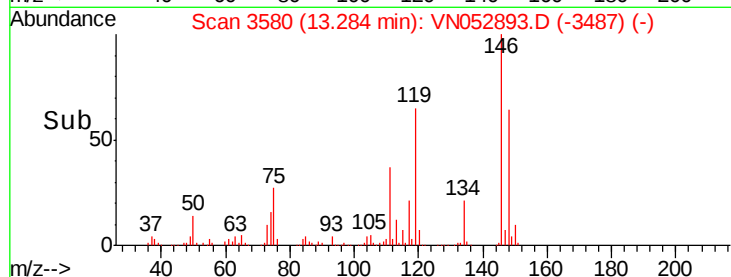
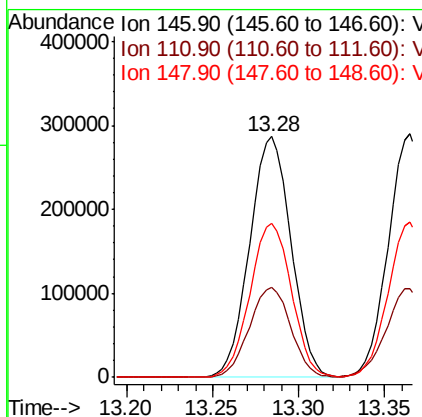
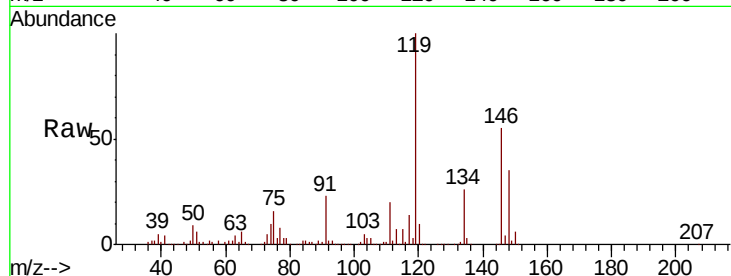




#87
 1,3-Dichlorobenzene
 Concen: 19.644 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN052893.D
 Acq: 14 Dec 2018 17:18

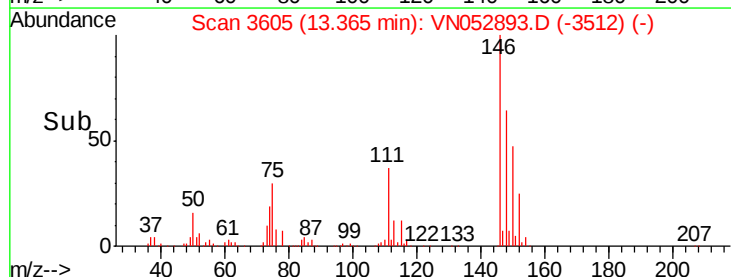
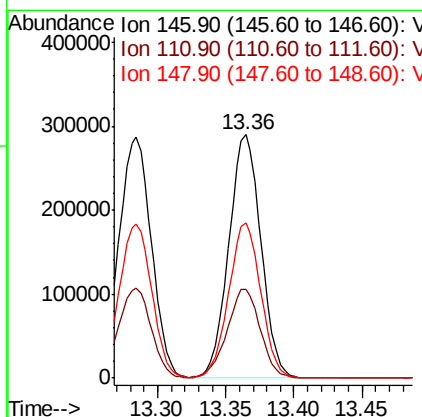
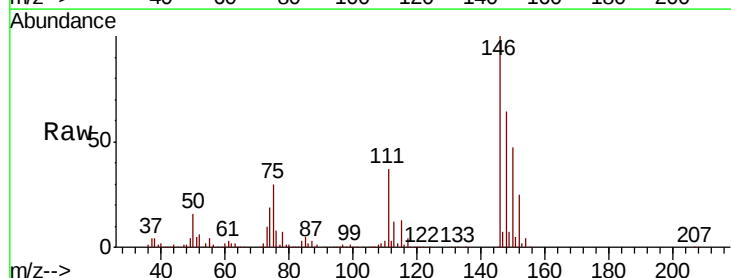
Instrument :
 MSVOA_N
 ClientSampleId :

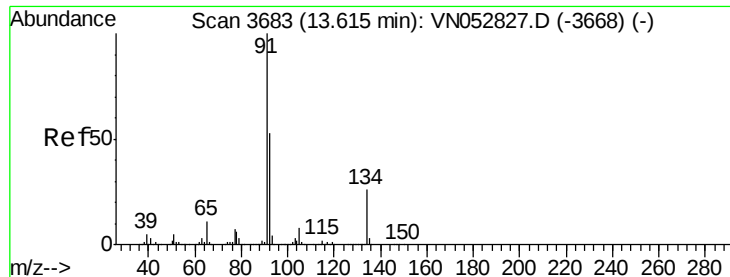
Tot Ion:146 Resp: 477884
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.1 57.1
 148 64.2 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.675 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN052893.D
 Acq: 14 Dec 2018 17:18

Tgt Ion:146 Resp: 474003
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.6 55.8
 148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 19.551 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

Instrument :

MSVOA_N

ClientSampleId :

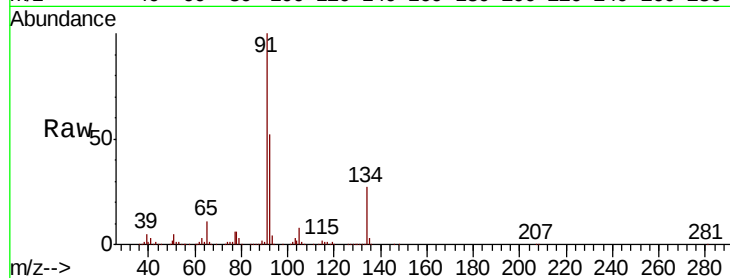
Tot Ion: 91 Resp: 740125

Ion Ratio Lower Upper

91 100

92 52.1 26.3 78.9

134 26.5 13.3 39.8

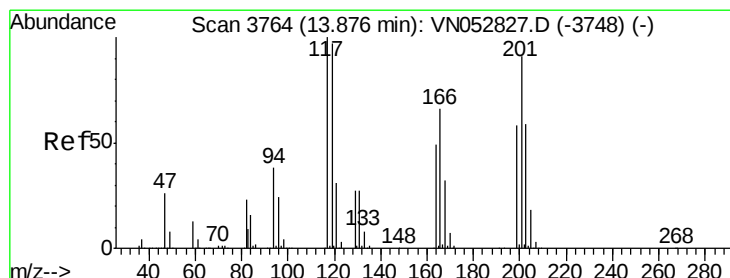
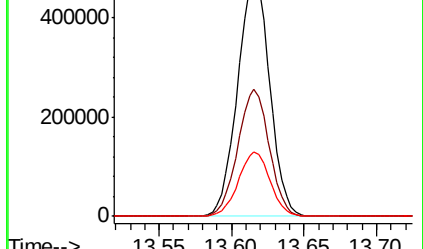
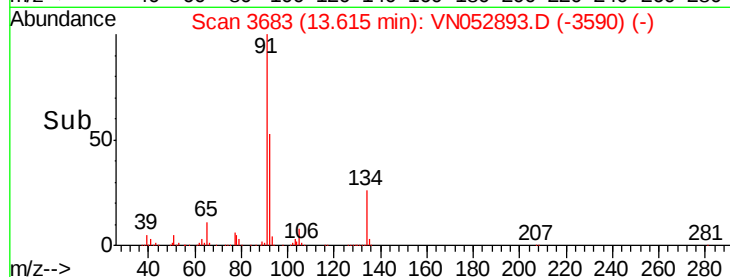


Abundance Ion 91.00 (90.70 to 91.70): VN052827.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN052827.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN052827.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 17.666 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN052893.D

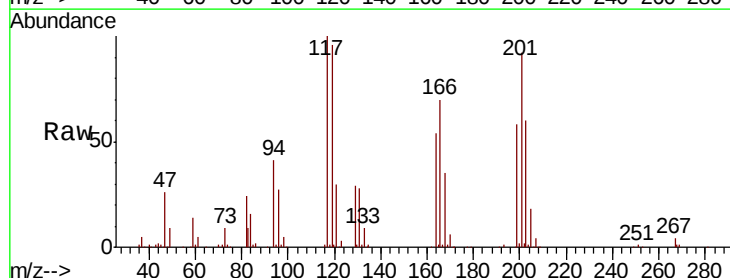
Acq: 14 Dec 2018 17:18

Tgt Ion: 117 Resp: 133022

Ion Ratio Lower Upper

117 100

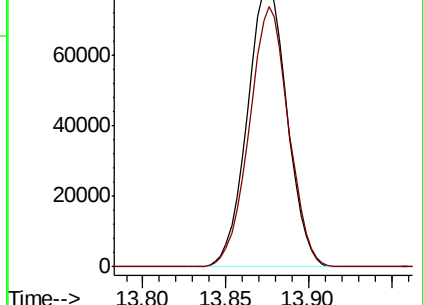
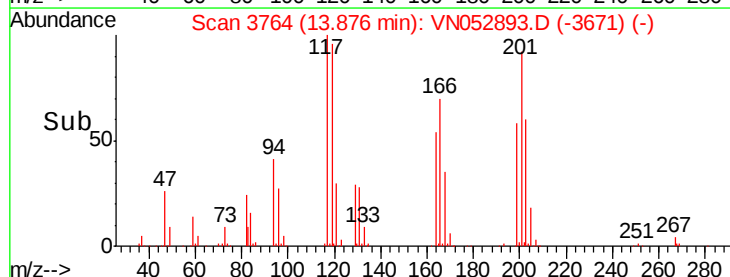
201 91.2 45.7 137.1

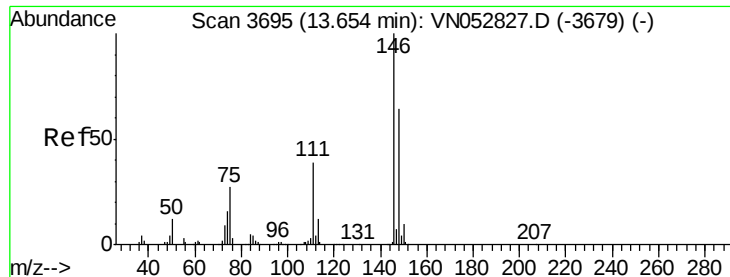


Abundance Ion 116.80 (116.50 to 117.50): VN052827.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN052827.D (-3748) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 19.359 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

Instrument :

MSVOA_N

ClientSampleId :

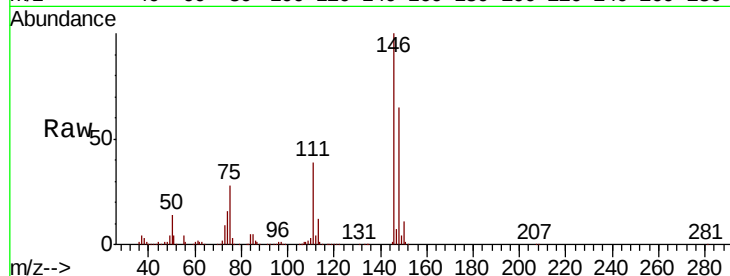
Tot Ion:146 Resp: 453032

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.0

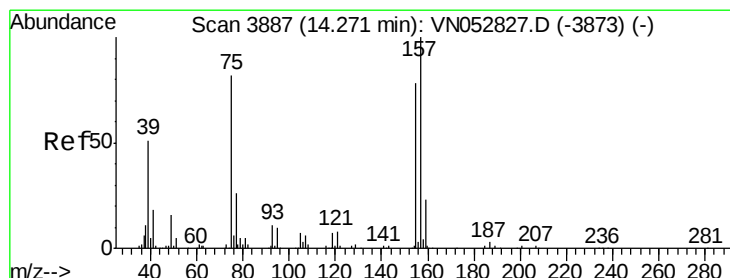
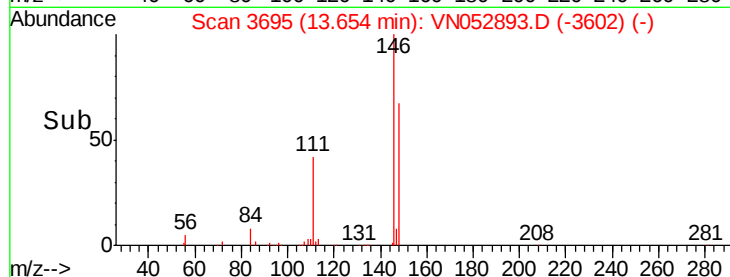
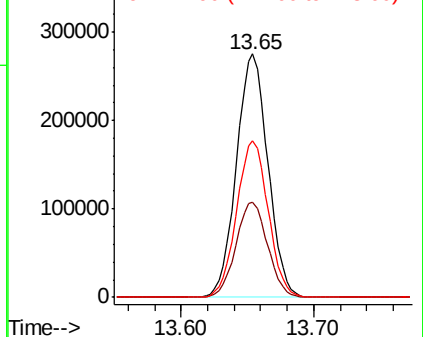
148 64.5 32.0 96.0



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: 18.629 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

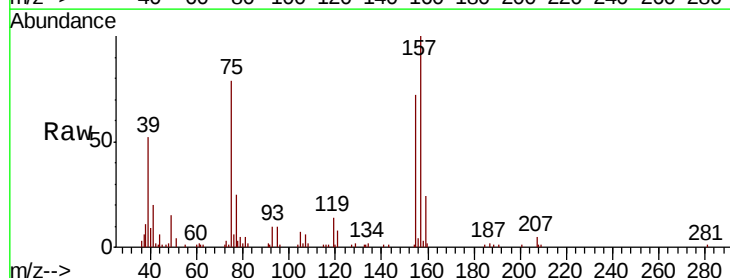
Tgt Ion: 75 Resp: 33873

Ion Ratio Lower Upper

75 100

155 92.8 48.2 144.6

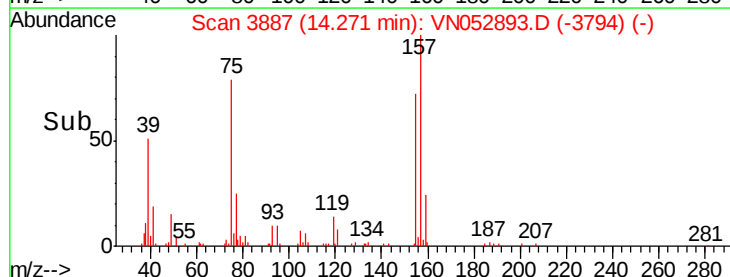
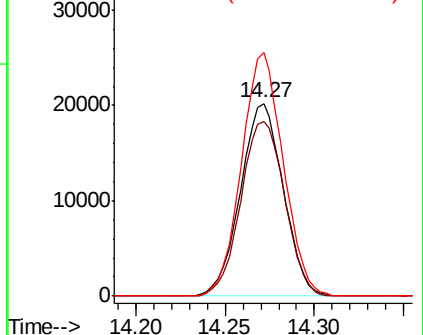
157 123.3 61.2 183.5

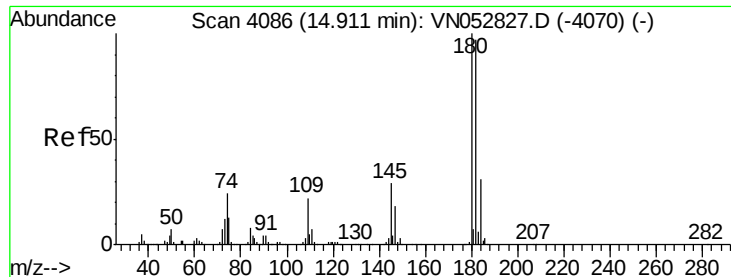


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

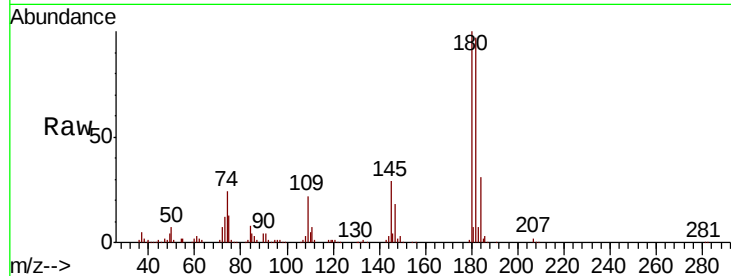




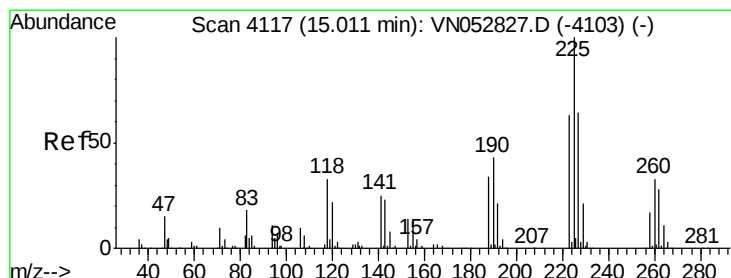
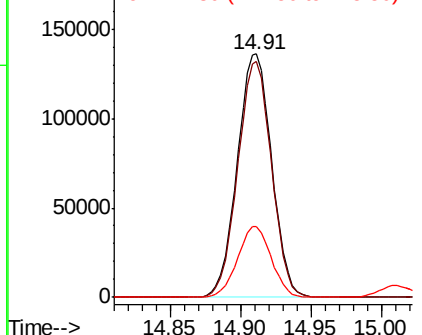
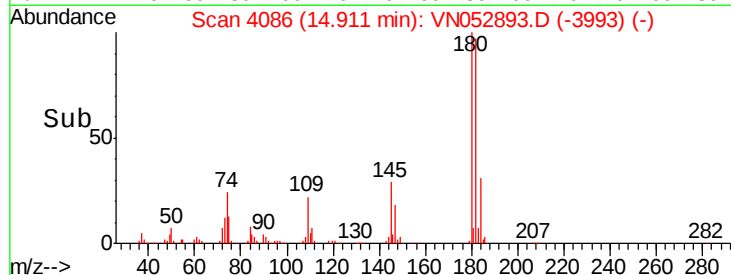
#93
 1,2,4-Trichlorobenzene
 Concen: 18.270 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN052893.D
 Acq: 14 Dec 2018 17:18

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 232404
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.8 143.3
 145 28.4 14.2 42.6

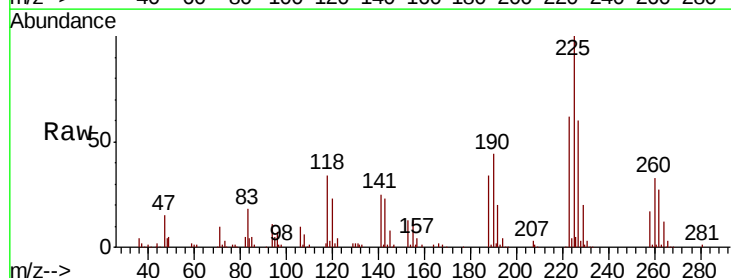


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

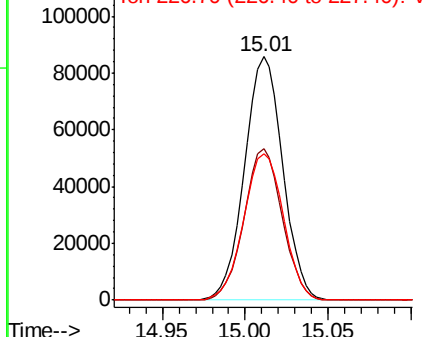
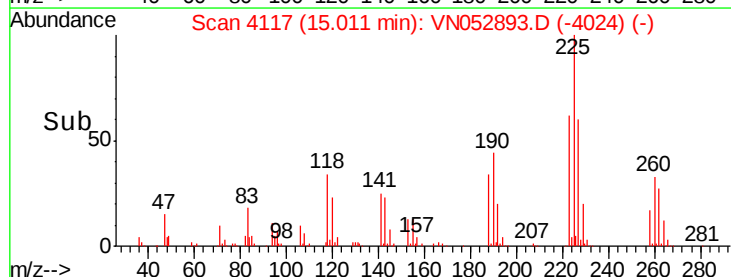


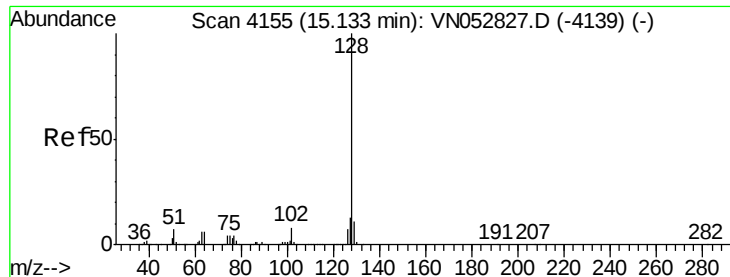
#94
 Hexachlorobutadiene
 Concen: 18.641 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN052893.D
 Acq: 14 Dec 2018 17:18

Tgt Ion:225 Resp: 137247
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.5 94.5
 227 62.7 31.9 95.7



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





#95

Naphthalene

Concen: 18.708 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

Instrument :

MSVOA_N

ClientSampleId :

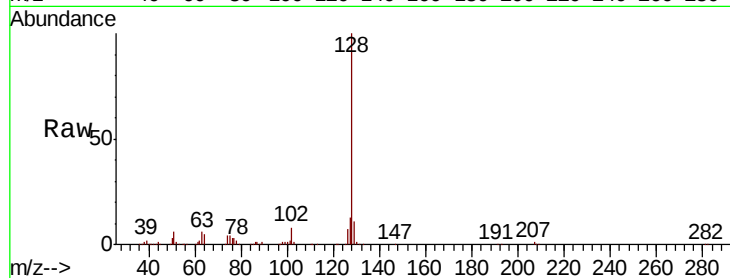
Tot Ion:128 Resp: 492870

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

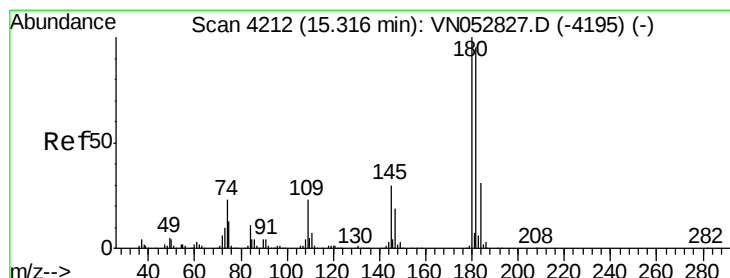
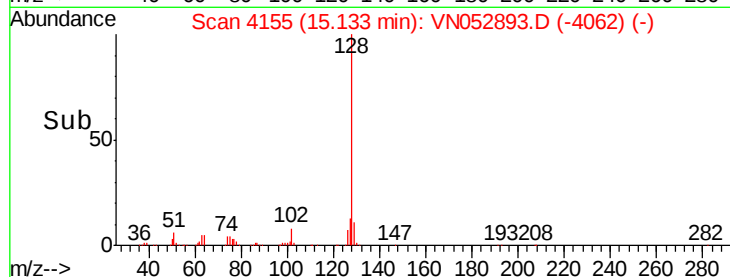
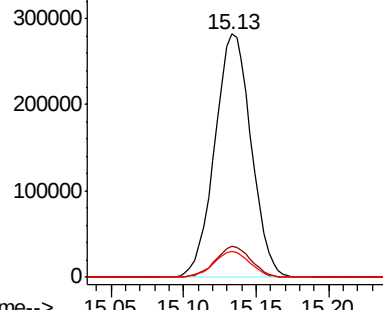
129 10.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.502 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN052893.D

Acq: 14 Dec 2018 17:18

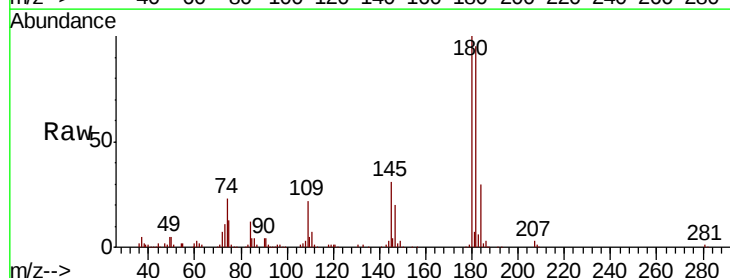
Tgt Ion:180 Resp: 204286

Ion Ratio Lower Upper

180 100

182 96.3 47.9 143.7

145 30.8 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

