

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022519\
 Data File : VN053923.D
 Acq On : 25 Feb 2019 12:10
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Feb 26 06:11:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	685089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1052487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	885793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	359034	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	34245	4.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.52%	
35) Dibromofluoromethane	7.59	113	29785	4.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.76%	
50) Toluene-d8	10.09	98	102458	4.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.08%	
62) 4-Bromofluorobenzene	12.40	95	30924	3.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7.32%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	23334	3.701	ug/l 97
3) Chloromethane	2.06	50	30858	3.528	ug/l 98
4) Vinyl Chloride	2.18	62	30371	3.466	ug/l 100
5) Bromomethane	2.57	94	20017	3.449	ug/l 99
6) Chloroethane	2.71	64	18935	3.475	ug/l 92
7) Trichlorofluoromethane	3.02	101	41536	3.710	ug/l 94
8) Diethyl Ether	3.41	74	14680	3.500	ug/l 86
9) 1,1,2-Trichlorotrifluoroet	3.76	101	28188	3.987	ug/l 94
10) Methyl Iodide	3.95	142	29351	3.159	ug/l 98
11) Tert butyl alcohol	4.78	59	8279	16.262	ug/l # 85
12) 1,1-Dichloroethene	3.74	96	23782	3.517	ug/l 95
13) Acrolein	3.61	56	6765	12.835	ug/l 95
14) Allyl chloride	4.32	41	38612	3.255	ug/l 92
15) Acrylonitrile	4.99	53	44985	16.765	ug/l 98
16) Acetone	3.82	43	44359	9.153	ug/l 99
17) Carbon Disulfide	4.05	76	77674	3.560	ug/l 100
18) Methyl Acetate	4.32	43	21136	3.764	ug/l # 68
19) Methyl tert-butyl Ether	5.04	73	59391	3.274	ug/l 99
20) Methylene Chloride	4.55	84	29208	3.675	ug/l 91
21) trans-1,2-Dichloroethene	5.04	96	26307	3.594	ug/l 89
22) Diisopropyl ether	5.95	45	69919	3.055	ug/l 89
23) Vinyl Acetate	5.89	43	255982	15.550	ug/l 95
24) 1,1-Dichloroethane	5.85	63	50723	3.615	ug/l 100
25) 2-Butanone	6.83	43	54736	17.358	ug/l 91
26) 2,2-Dichloropropane	6.82	77	35287	3.539	ug/l # 73
27) cis-1,2-Dichloroethene	6.83	96	27802	3.415	ug/l 90
28) Bromochloromethane	7.19	49	27750	4.320	ug/l 83
29) Tetrahydrofuran	7.21	42	33607	16.004	ug/l 94
30) Chloroform	7.37	83	49905	3.668	ug/l 100
31) Cyclohexane	7.65	56	53328	3.774	ug/l # 86
32) 1,1,1-Trichloroethane	7.57	97	40604	3.619	ug/l 97
36) 1,1-Dichloropropene	7.79	75	35197	3.596	ug/l 99
37) Ethyl Acetate	6.93	43	21602	3.091	ug/l 96
38) Carbon Tetrachloride	7.77	117	37940	3.727	ug/l 97

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 Data File : VN053923.D
 Acq On : 25 Feb 2019 12:10
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC005

Quant Time: Feb 26 06:11:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	42435	3.597	ug/l	96
40) Benzene	8.04	78	108146	3.597	ug/l	99
41) Methacrylonitrile	7.17	41	10480	2.329	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	36709	3.943	ug/l	95
43) Isopropyl Acetate	8.17	43	44303	3.754	ug/l #	92
44) Trichloroethene	8.83	130	29389	3.687	ug/l	96
45) 1,2-Dichloropropane	9.12	63	29545	3.642	ug/l	98
46) Dibromomethane	9.21	93	17832	3.786	ug/l	90
47) Bromodichloromethane	9.40	83	37268	3.755	ug/l	99
48) Methyl methacrylate	9.20	41	16604	3.059	ug/l #	89
49) 1,4-Dioxane	9.20	88	5020	68.286	ug/l	92
51) 4-Methyl-2-Pentanone	9.98	43	97888	16.143	ug/l	97
52) Toluene	10.16	92	63286	3.574	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	32225	3.337	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	39026	3.428	ug/l #	88
55) 1,1,2-Trichloroethane	10.56	97	24848	3.758	ug/l	96
56) Ethyl methacrylate	10.43	69	24375	4.656	ug/l	89
57) 1,3-Dichloropropane	10.71	76	39791	3.562	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	49063	25.112	ug/l	97
59) 2-Hexanone	10.75	43	63669	16.144	ug/l	89
60) Dibromochloromethane	10.90	129	26302	3.579	ug/l	99
61) 1,2-Dibromoethane	11.00	107	22902	3.591	ug/l	98
64) Tetrachloroethene	10.63	164	31203	4.160	ug/l	95
65) Chlorobenzene	11.43	112	69784	3.733	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	25995	3.858	ug/l	99
67) Ethyl Benzene	11.51	91	114117	3.641	ug/l	99
68) m/p-Xylenes	11.62	106	84308	7.128	ug/l	99
69) o-Xylene	11.95	106	40882	3.518	ug/l	100
70) Styrene	11.96	104	60066	3.360	ug/l	99
71) Bromoform	12.13	173	16865	3.598	ug/l #	98
73) Isopropylbenzene	12.25	105	105387	3.771	ug/l	100
74) N-amyl acetate	12.07	43	24108	3.291	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	26391	3.776	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	30891	5.363	ug/l #	100
77) Bromobenzene	12.53	156	27547	3.882	ug/l	96
78) n-propylbenzene	12.59	91	116623	3.669	ug/l	97
79) 2-Chlorotoluene	12.67	91	73612	3.855	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	82496	3.606	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	6228	3.418	ug/l	91
82) 4-Chlorotoluene	12.77	91	68654	3.638	ug/l	98
83) tert-Butylbenzene	12.99	119	76189	3.765	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	81489	3.567	ug/l	100
85) sec-Butylbenzene	13.17	105	103870	3.758	ug/l	100
86) p-Isopropyltoluene	13.29	119	89178	3.817	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	45865	3.736	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	44405	3.729	ug/l	93
89) n-Butylbenzene	13.62	91	70387	3.574	ug/l	97
90) Hexachloroethane	13.88	117	17059	3.768	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	45460	3.826	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	3685	3.731	ug/l	87

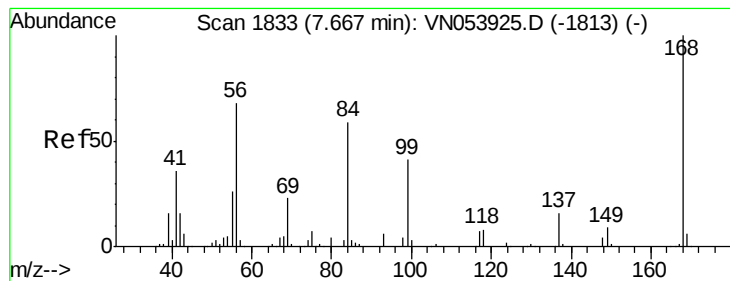
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022519\
Data File : VN053923.D
Acq On : 25 Feb 2019 12:10
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Feb 26 06:11:30 2019
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Quant Title : SW846 8260
QLast Update : Tue Feb 26 05:37:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	16319	4.586	ug/l	98
94) Hexachlorobutadiene	15.01	225	19008	4.428	ug/l	98
95) Naphthalene	15.13	128	26372	4.948	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	17368	4.216	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

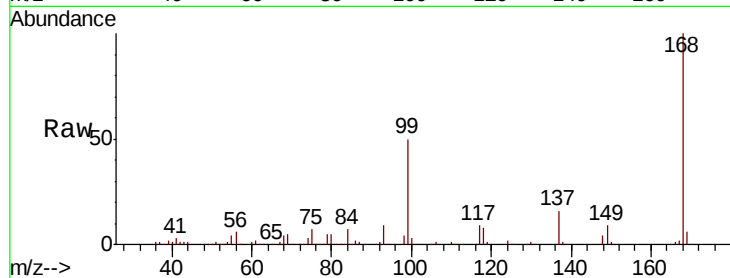
VSTDIC005

Tgt Ion:168 Resp: 685089

Ion Ratio Lower Upper

168 100

99 49.8 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

250000

200000

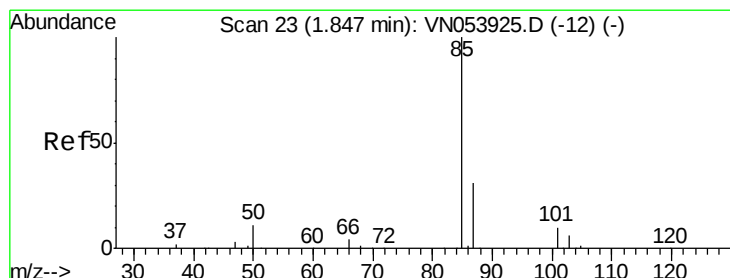
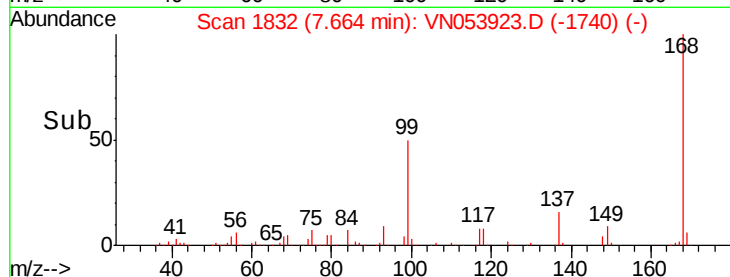
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 3.701 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN053923.D

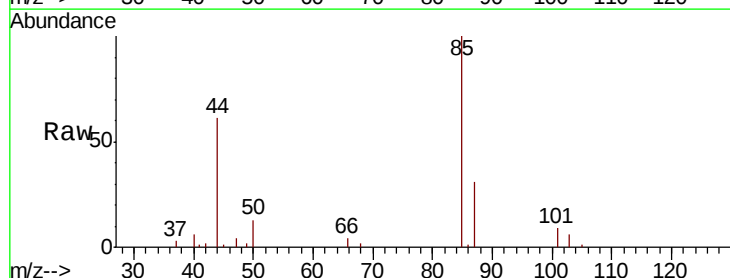
Acq: 25 Feb 2019 12:10

Tgt Ion: 85 Resp: 23334

Ion Ratio Lower Upper

85 100

87 30.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

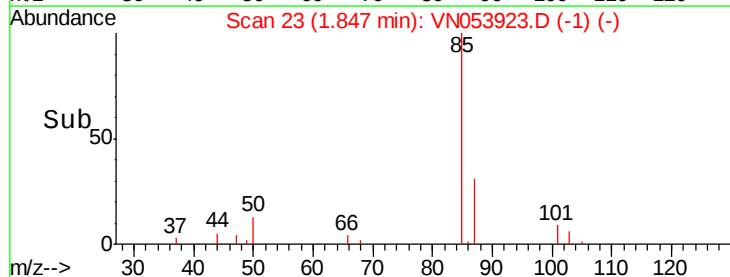
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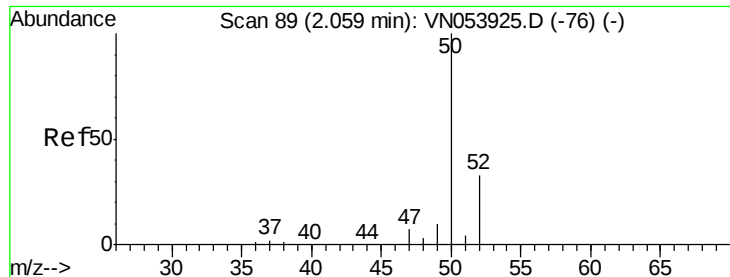
10000

5000

0

Time-->





#3

Chloromethane

Concen: 3.528 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

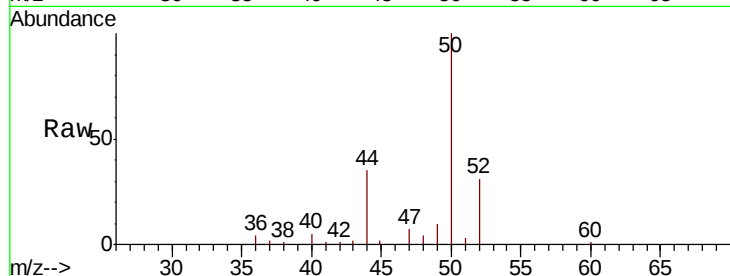
VSTDIC005

Tgt Ion: 50 Resp: 30858

Ion Ratio Lower Upper

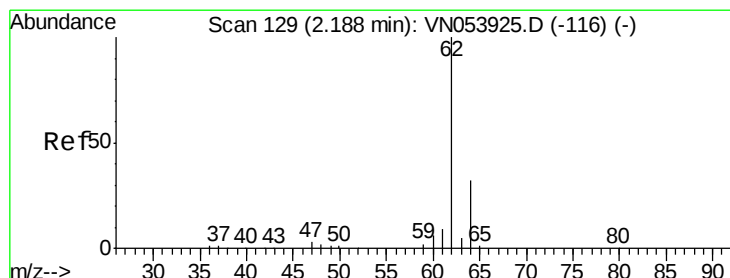
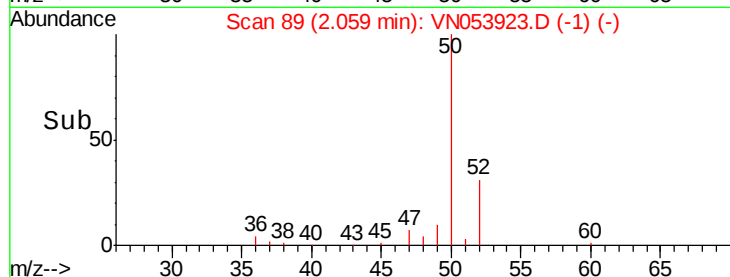
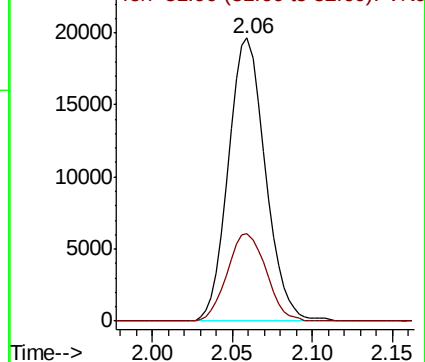
50 100

52 31.1 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 3.466 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN053923.D

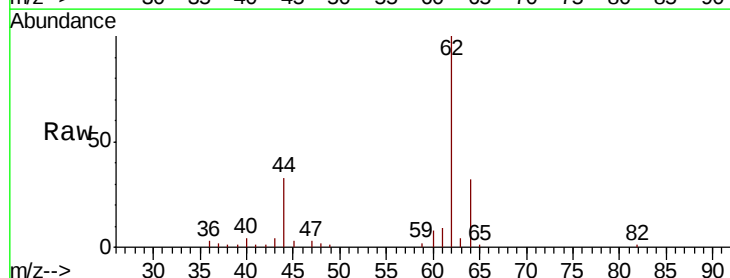
Acq: 25 Feb 2019 12:10

Tgt Ion: 62 Resp: 30371

Ion Ratio Lower Upper

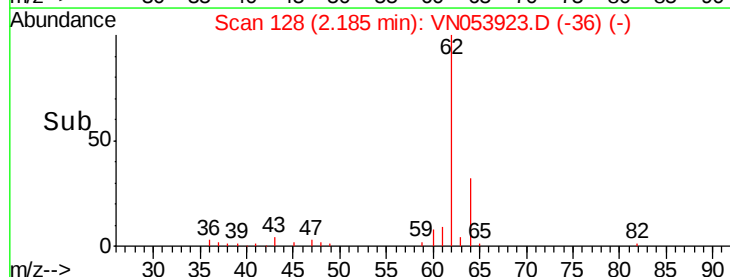
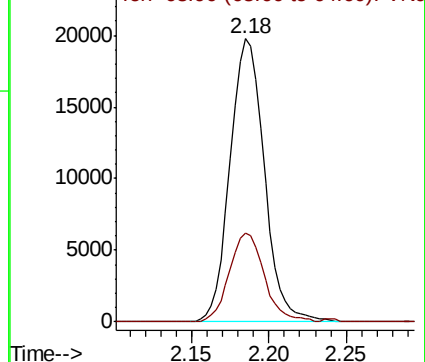
62 100

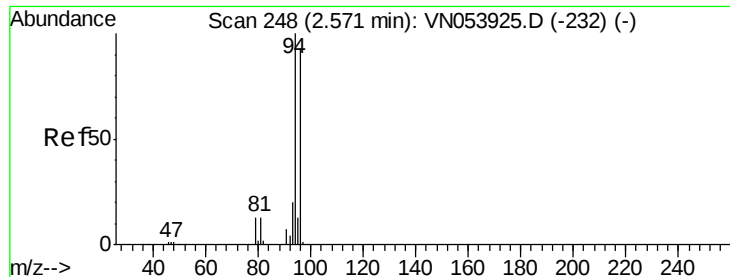
64 31.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 3.449 ug/l

RT: 2.57 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

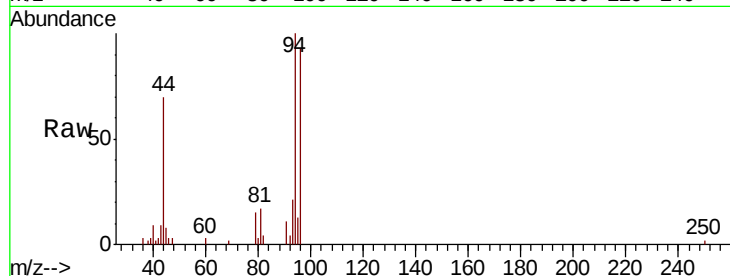
VSTDIC005

Tgt Ion: 94 Resp: 20017

Ion Ratio Lower Upper

94 100

96 93.0 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

12000

10000

8000

6000

4000

2000

0

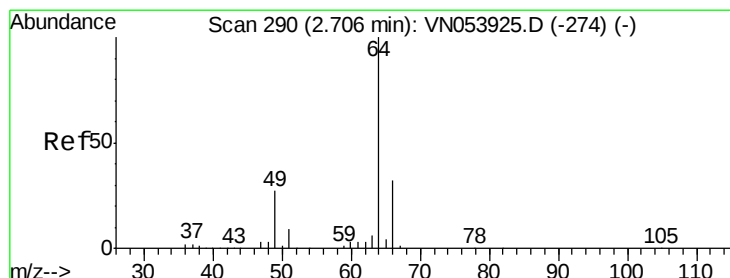
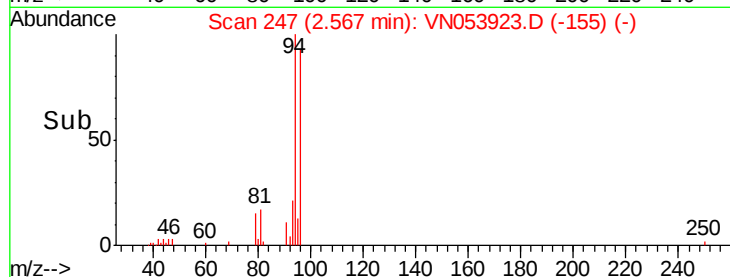
Time-->

2.50

2.55

2.60

2.65



#6

Chloroethane

Concen: 3.475 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN053923.D

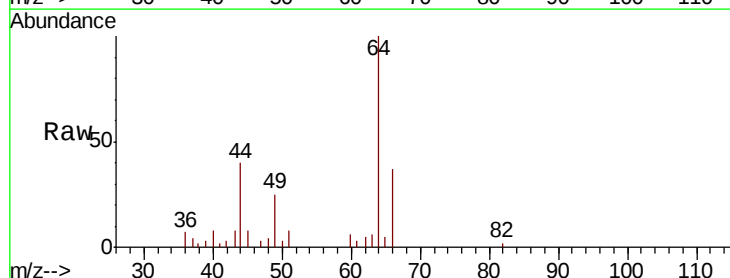
Acq: 25 Feb 2019 12:10

Tgt Ion: 64 Resp: 18935

Ion Ratio Lower Upper

64 100

66 36.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.71

10000

8000

6000

4000

2000

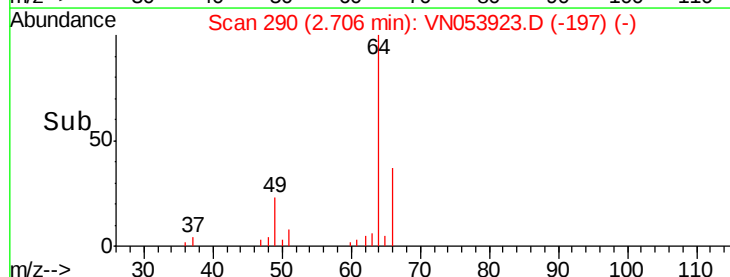
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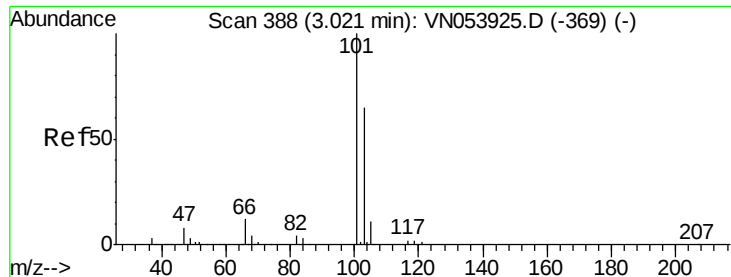
Time-->

2.65

2.70

2.75



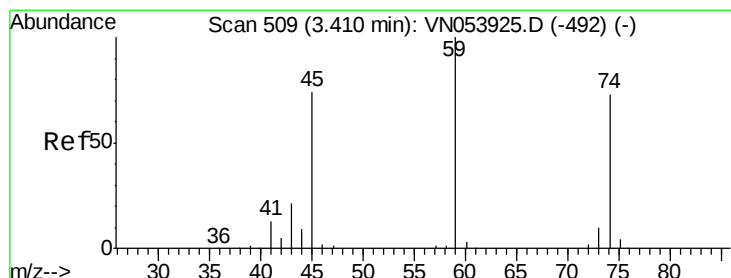
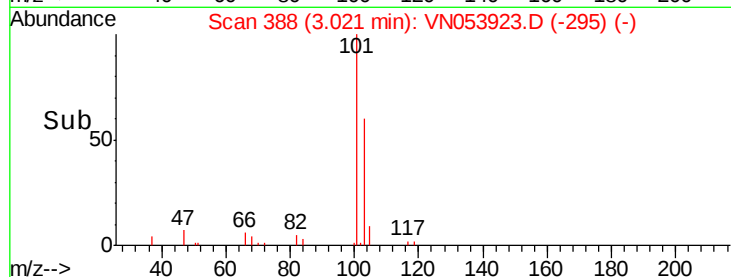
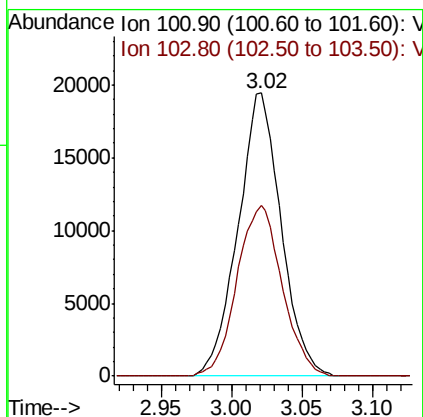
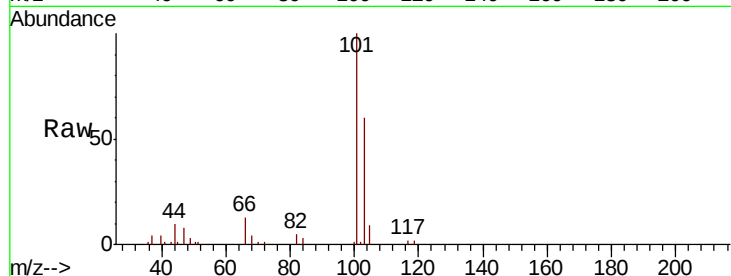


#7

Trichlorofluoromethane
 Concen: 3.710 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN053923.D
 Acq: 25 Feb 2019 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

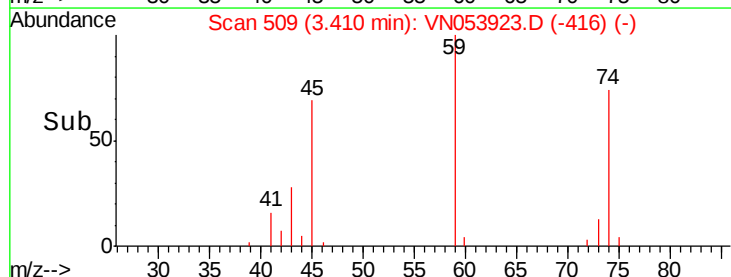
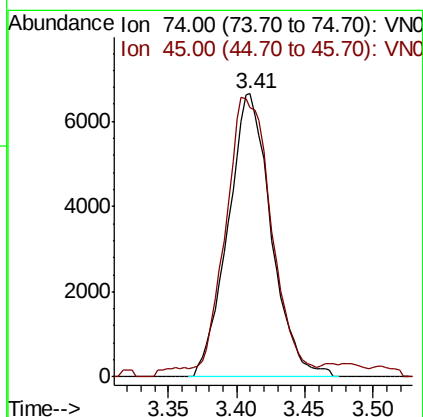
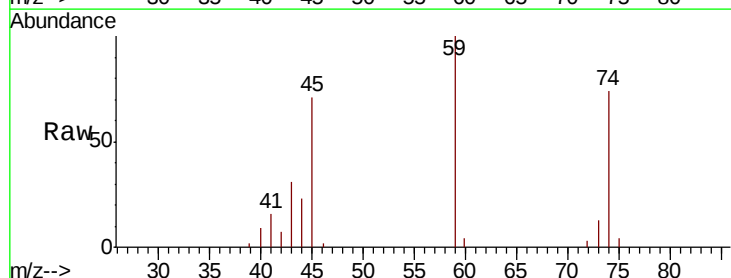
Tgt Ion:101 Resp: 41536
 Ion Ratio Lower Upper
 101 100
 103 60.3 51.9 77.9

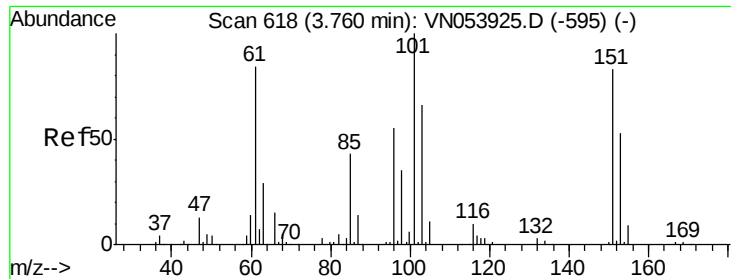


#8

Diethyl Ether
 Concen: 3.500 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN053923.D
 Acq: 25 Feb 2019 12:10

Tgt Ion: 74 Resp: 14680
 Ion Ratio Lower Upper
 74 100
 45 107.1 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.987 ug/l

RT: 3.76 min Scan# 617

Delta R.T. -0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

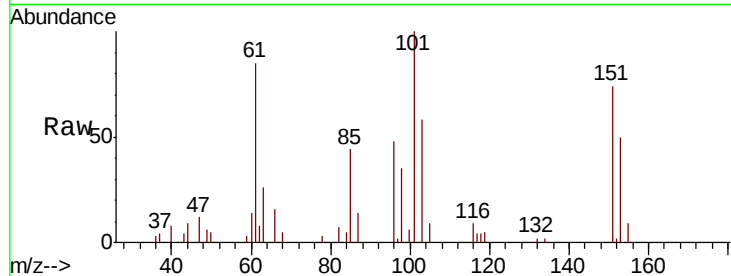
Tgt Ion:101 Resp: 28188

Ion Ratio Lower Upper

101 100

85 42.5 32.5 48.7

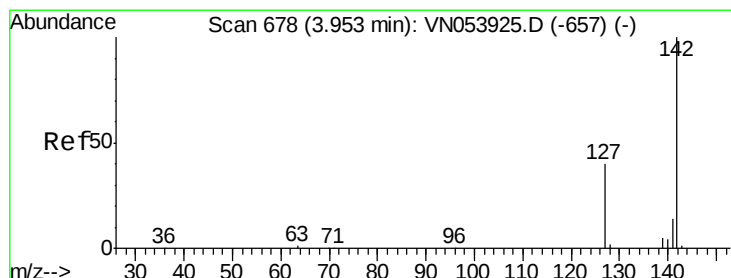
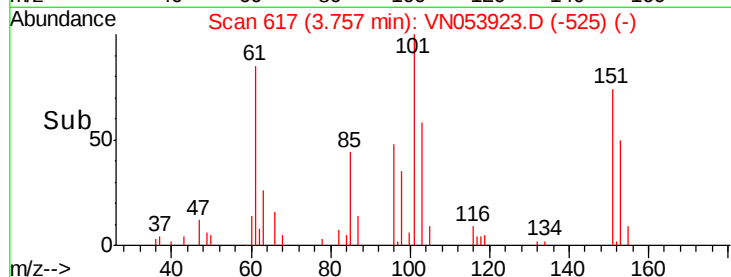
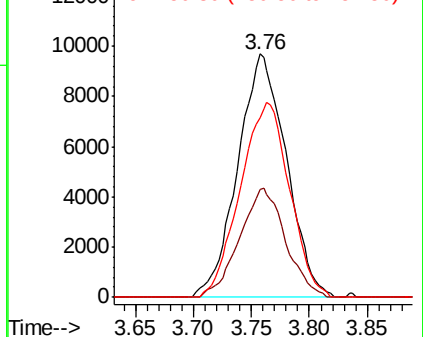
151 81.3 70.2 105.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 3.159 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

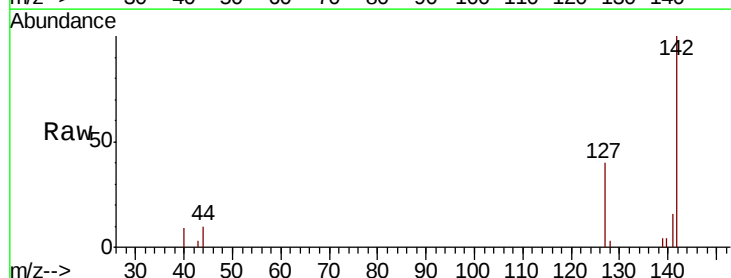
Tgt Ion:142 Resp: 29351

Ion Ratio Lower Upper

142 100

127 40.5 31.0 46.4

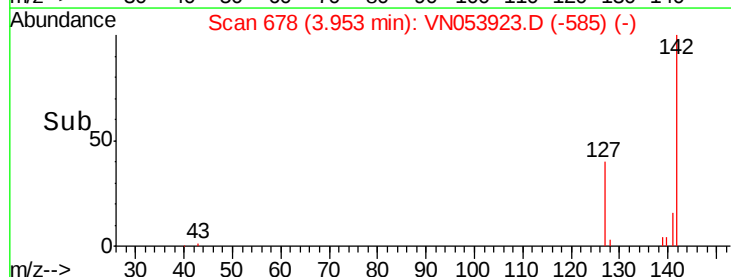
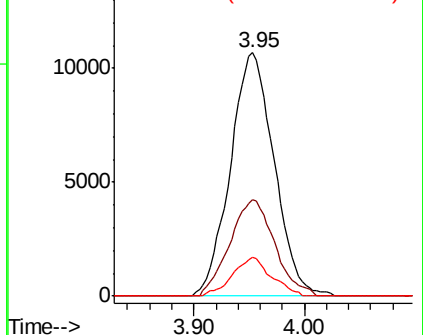
141 14.2 11.3 16.9

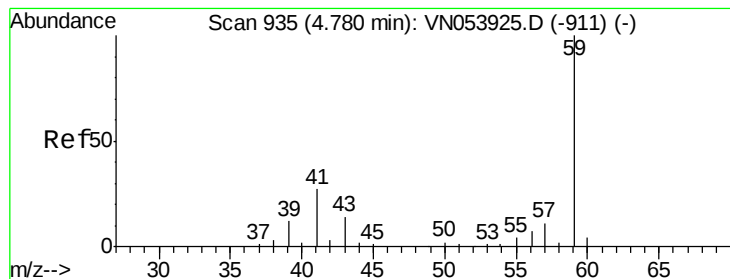


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



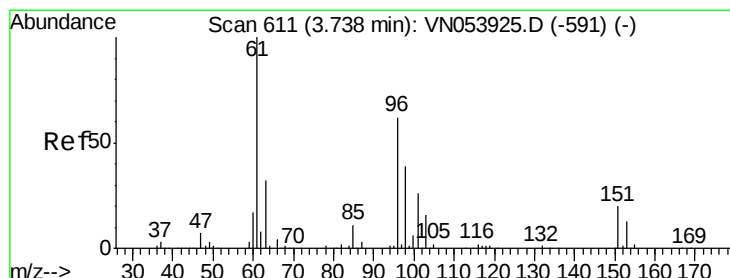
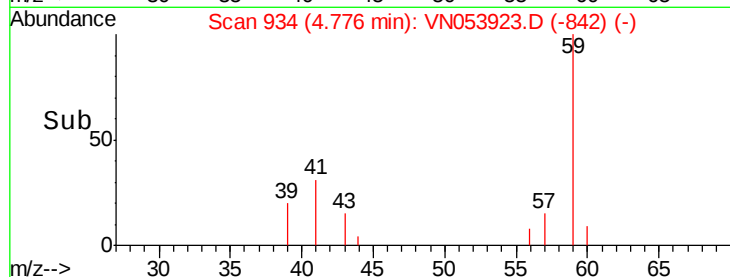
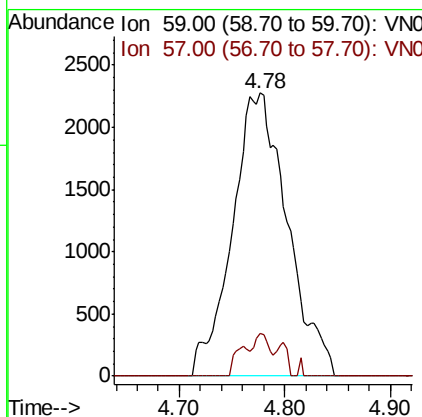
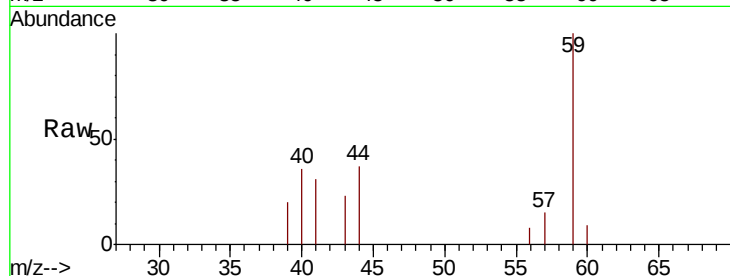


#11

Tert butyl alcohol
 Concen: 16.262 ug/l
 RT: 4.78 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: VN053923.D
 Acq: 25 Feb 2019 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

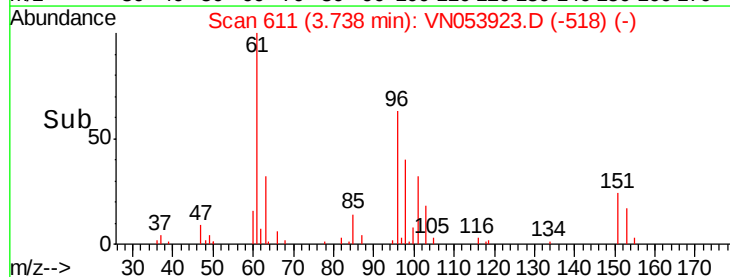
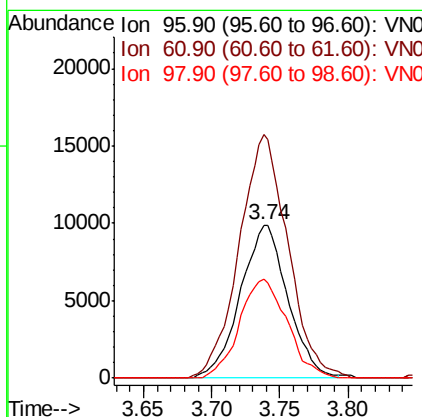
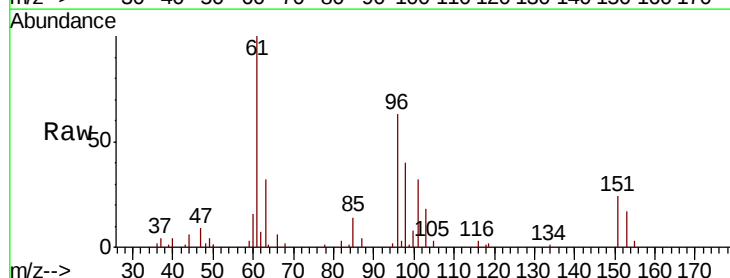
Tgt Ion: 59 Resp: 8279
 Ion Ratio Lower Upper
 59 100
 57 4.3 8.1 12.1#

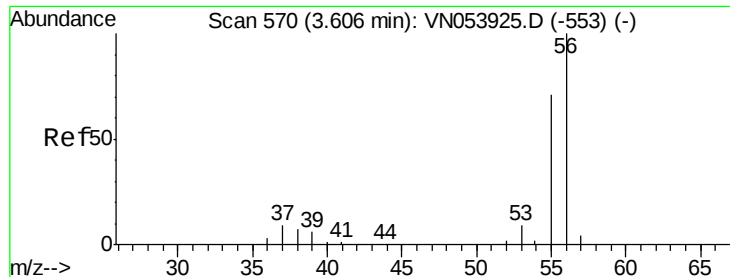


#12

1,1-Dichloroethene
 Concen: 3.517 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VN053923.D
 Acq: 25 Feb 2019 12:10

Tgt Ion: 96 Resp: 23782
 Ion Ratio Lower Upper
 96 100
 61 159.2 121.0 181.4
 98 64.5 52.2 78.2





#13

Acrolein

Concen: 12.835 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

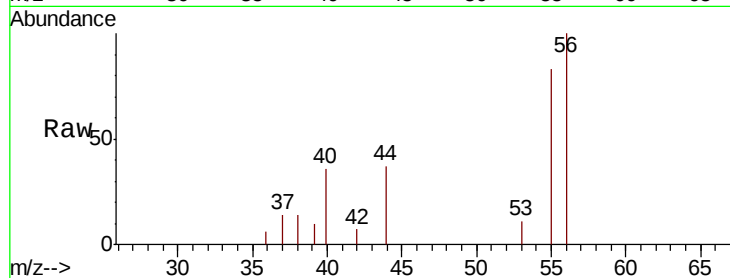
VSTDIC005

Tgt Ion: 56 Resp: 6765

Ion Ratio Lower Upper

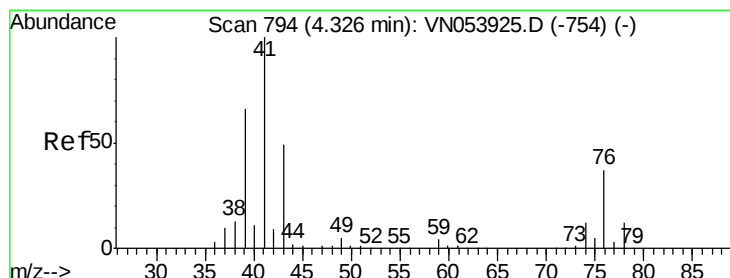
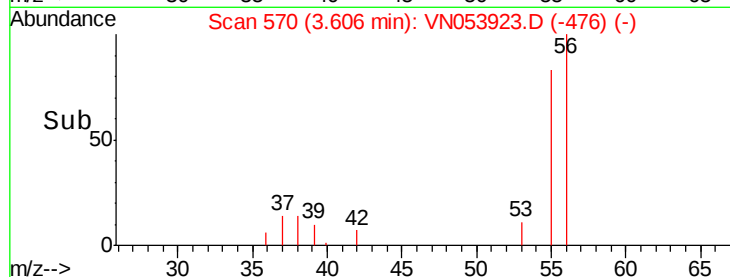
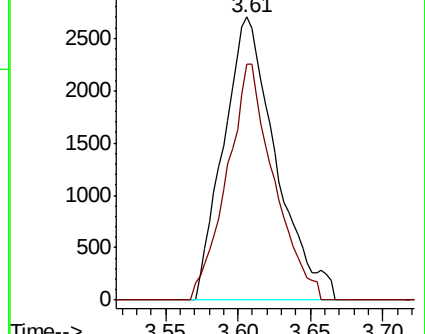
56 100

55 74.9 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 3.255 ug/l

RT: 4.32 min Scan# 791

Delta R.T. -0.01 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

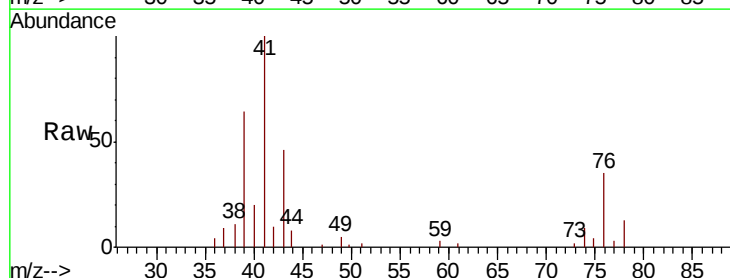
Tgt Ion: 41 Resp: 38612

Ion Ratio Lower Upper

41 100

39 68.3 48.8 73.2

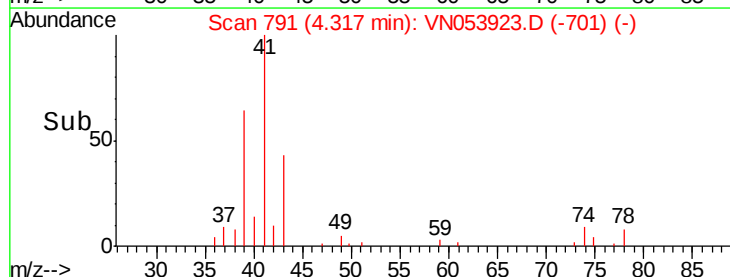
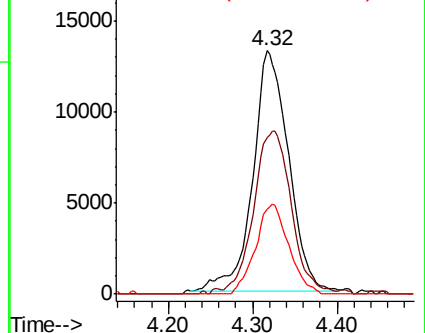
76 35.0 30.9 46.3

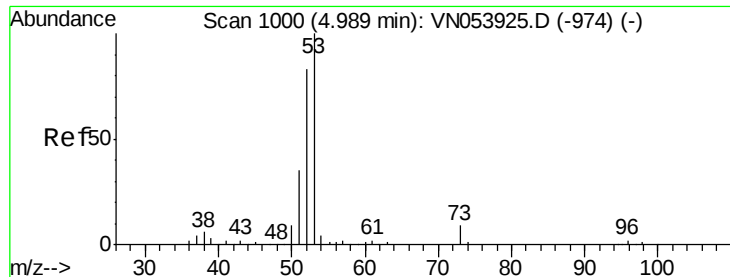


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 16.765 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

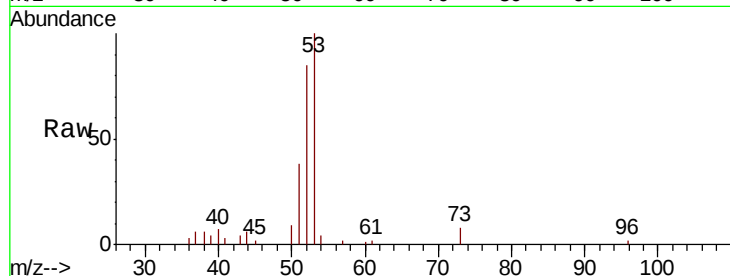
Tgt Ion: 53 Resp: 44985

Ion Ratio Lower Upper

53 100

52 82.2 65.1 97.7

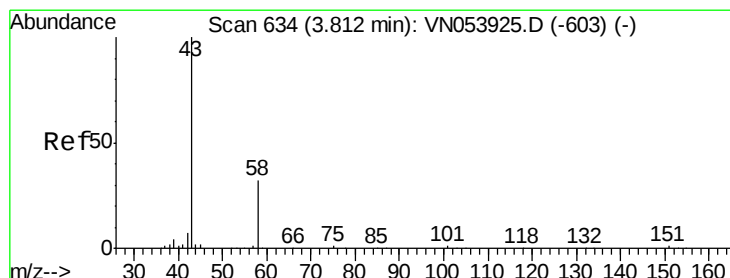
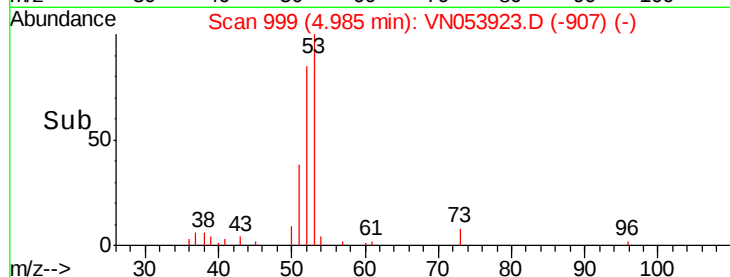
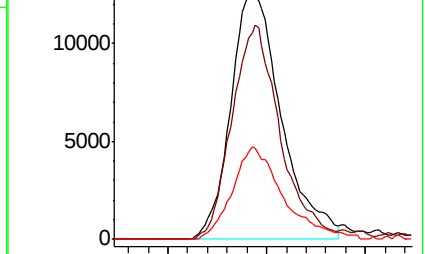
51 37.7 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN053923.D (-974) (-)

Ion 52.00 (51.70 to 52.70): VN053923.D (-974) (-)

Ion 51.00 (50.70 to 51.70): VN053923.D (-974) (-)



#16

Acetone

Concen: 9.153 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053923.D

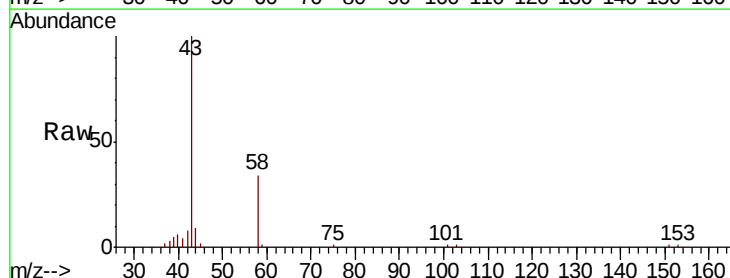
Acq: 25 Feb 2019 12:10

Tgt Ion: 43 Resp: 44359

Ion Ratio Lower Upper

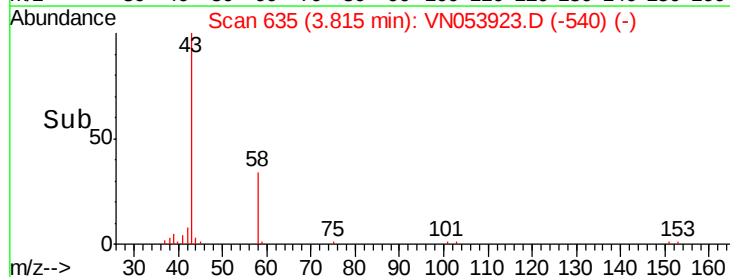
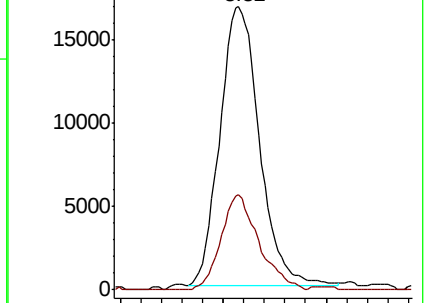
43 100

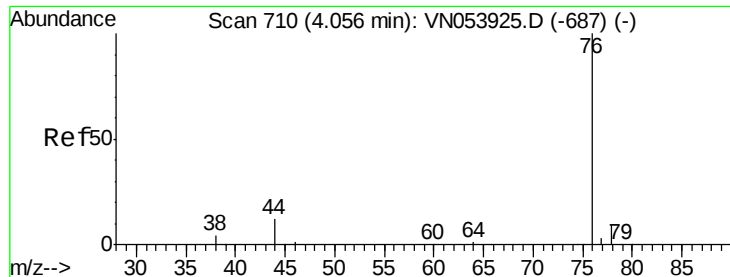
58 34.2 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN053923.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN053923.D (-540) (-)

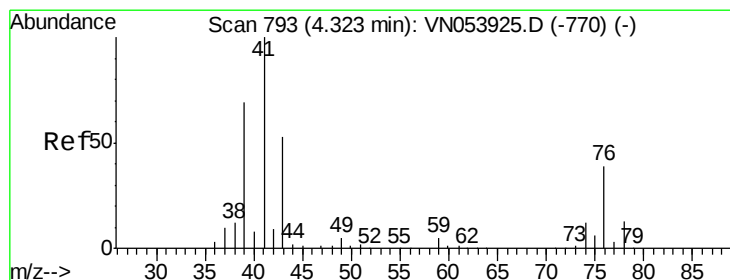
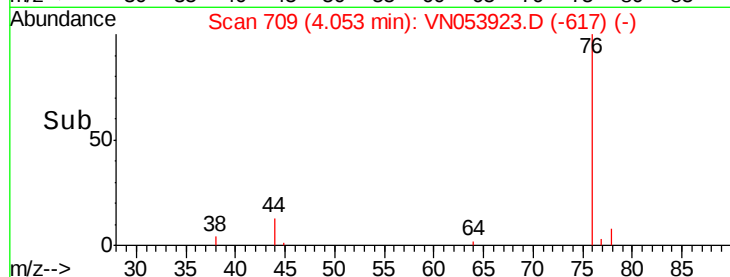
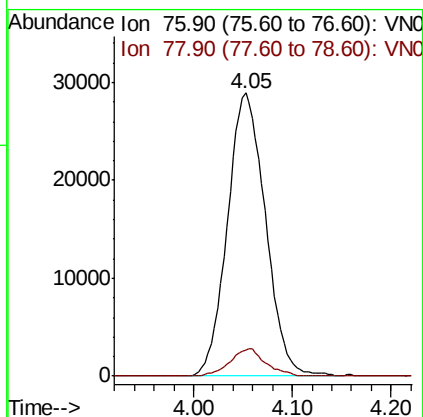
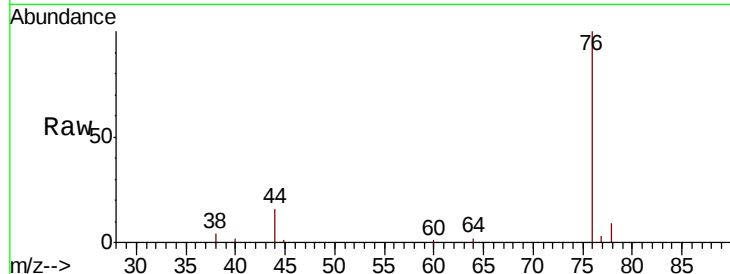




#17
Carbon Disulfide
Concen: 3.560 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

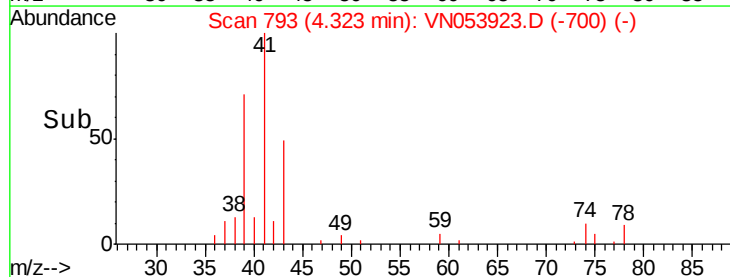
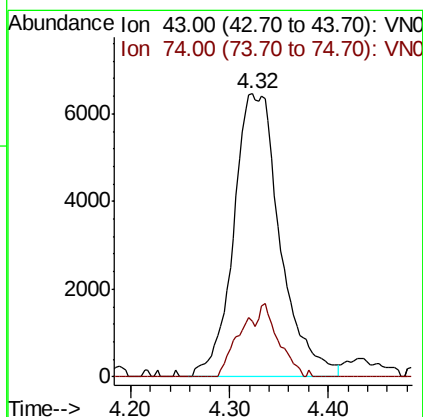
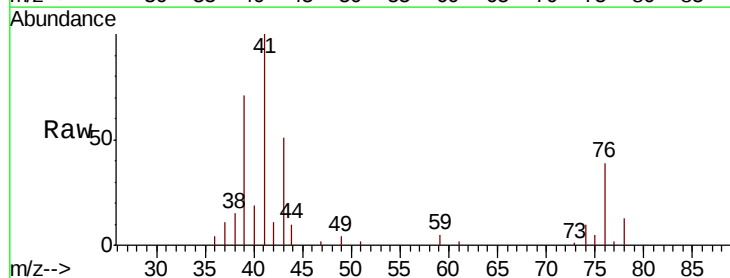
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

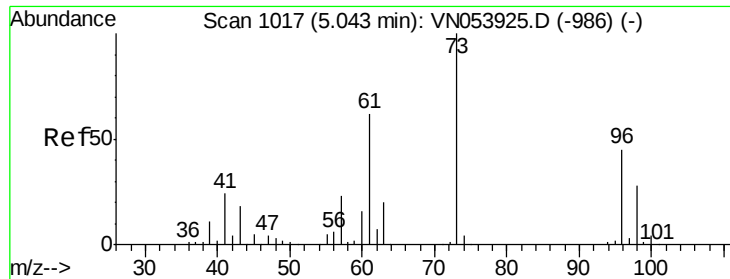
Tgt Ion: 76 Resp: 77674
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 3.764 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

Tgt Ion: 43 Resp: 21136
Ion Ratio Lower Upper
43 100
74 9.5 20.5 30.7#

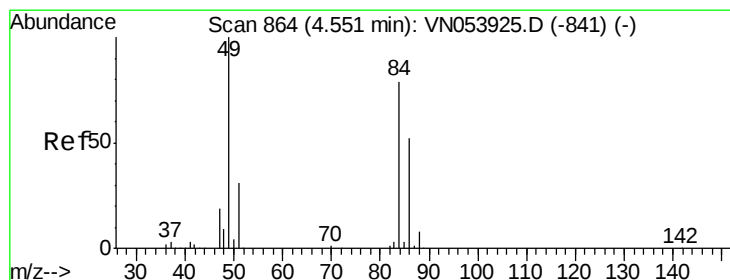
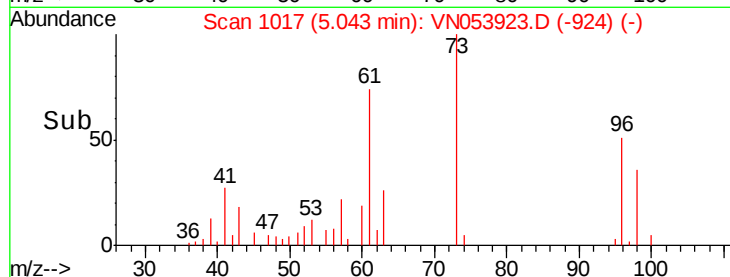
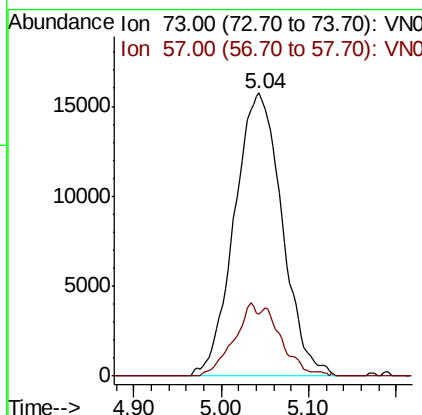
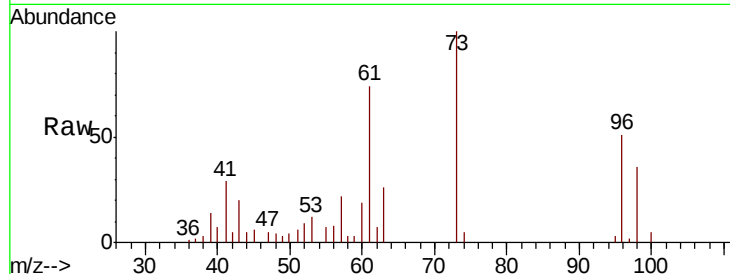




#19
Methyl tert-butyl Ether
Concen: 3.274 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

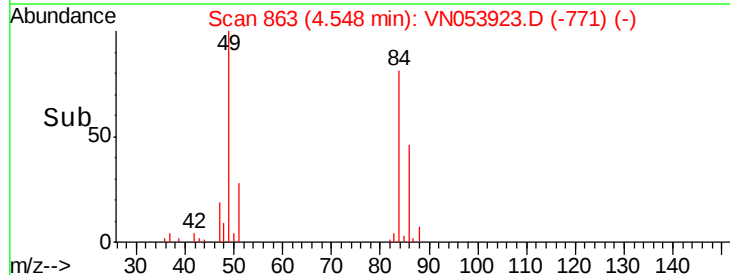
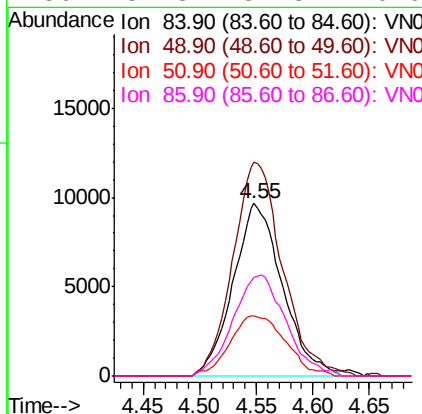
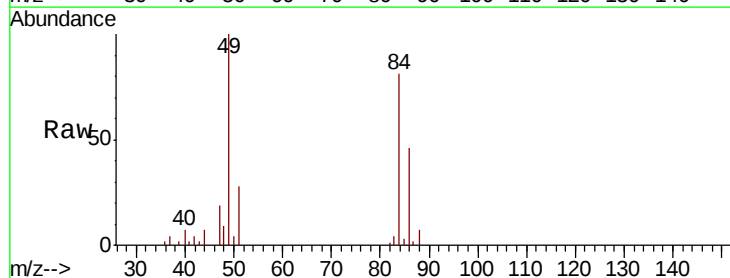
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

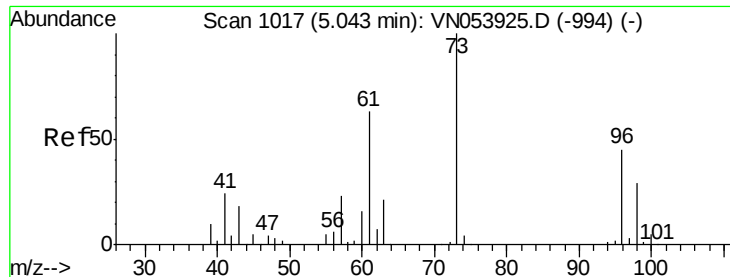
Tgt Ion: 73 Resp: 59391
Ion Ratio Lower Upper
73 100
57 22.0 18.0 27.0



#20
Methylene Chloride
Concen: 3.675 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

Tgt Ion: 84 Resp: 29208
Ion Ratio Lower Upper
84 100
49 124.0 89.7 134.5
51 35.0 27.8 41.8
86 57.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 3.594 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

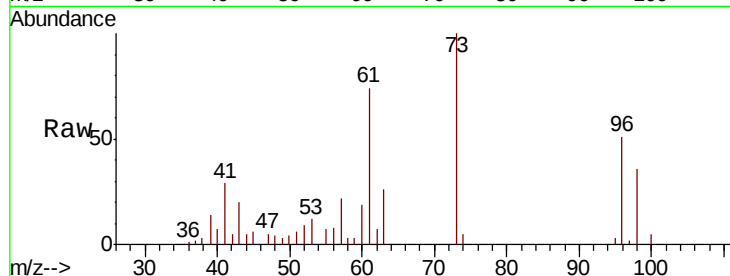
Tgt Ion: 96 Resp: 26307

Ion Ratio Lower Upper

96 100

61 143.6 104.5 156.7

98 71.1 50.6 76.0

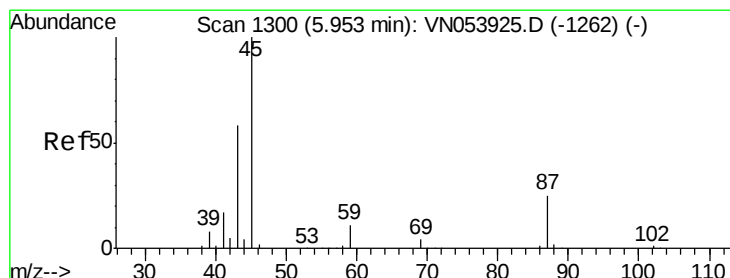
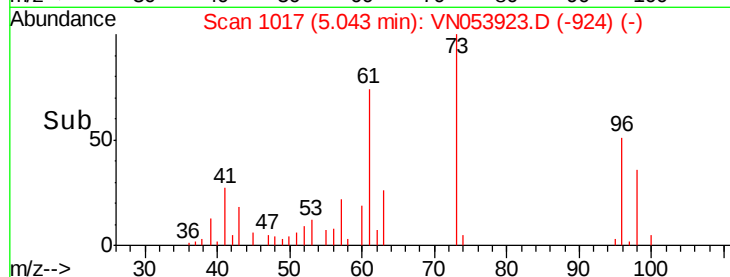
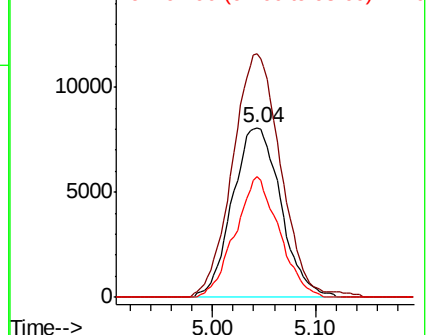


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 3.055 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

Tgt Ion: 45 Resp: 69919

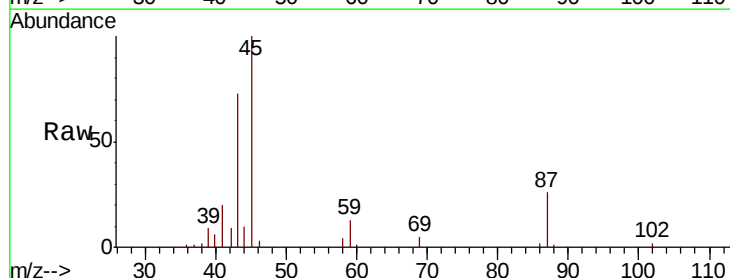
Ion Ratio Lower Upper

45 100

43 68.6 46.2 69.4

87 25.0 23.4 35.0

59 12.8 9.4 14.0



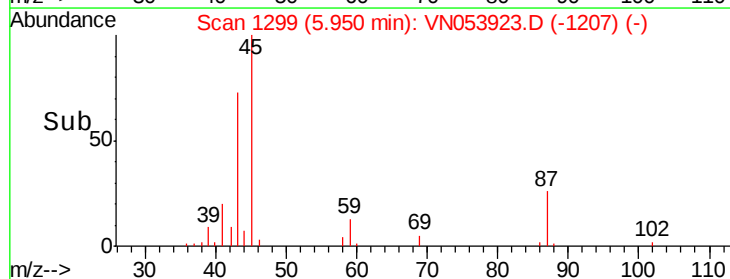
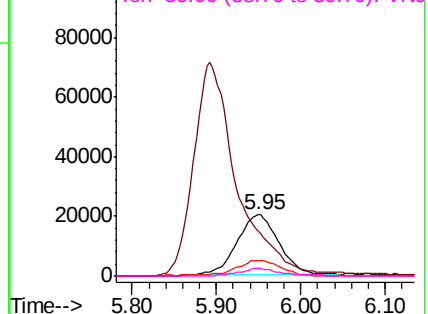
Abundance

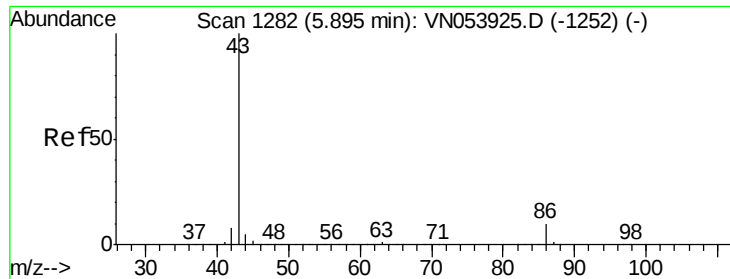
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 15.550 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

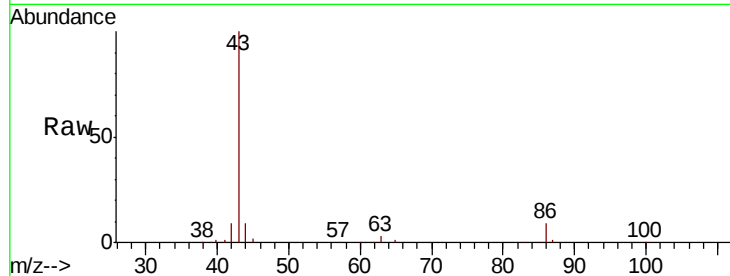
VSTDIC005

Tgt Ion: 43 Resp: 255982

Ion Ratio Lower Upper

43 100

86 9.5 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.89

80000

60000

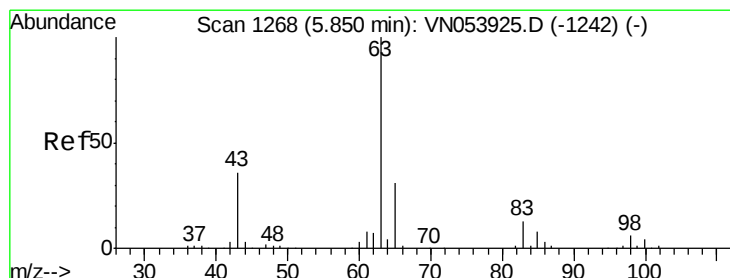
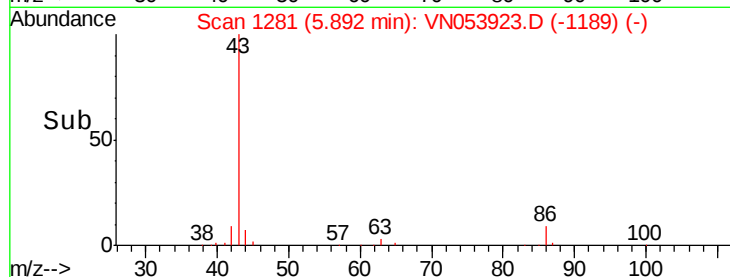
40000

20000

0

Time-->

5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 3.615 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

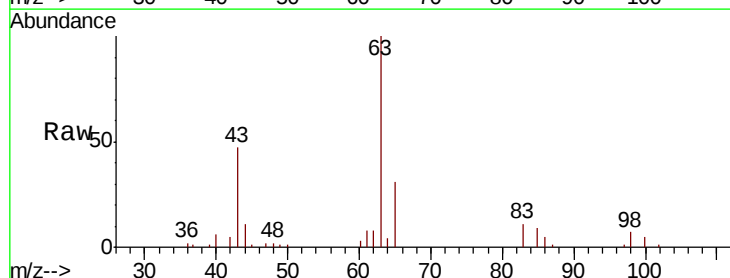
Tgt Ion: 63 Resp: 50723

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.5 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

20000

15000

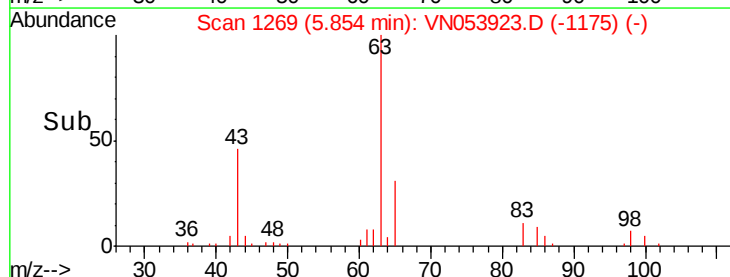
10000

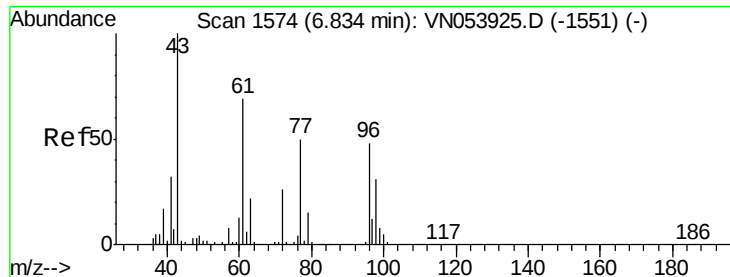
5000

0

Time-->

5.70 5.80 5.90

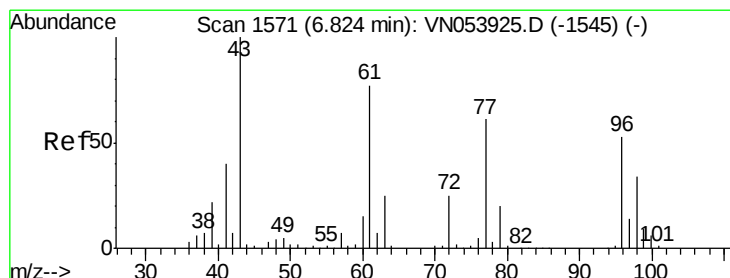
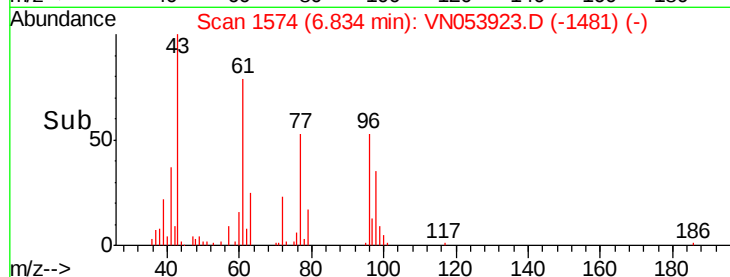
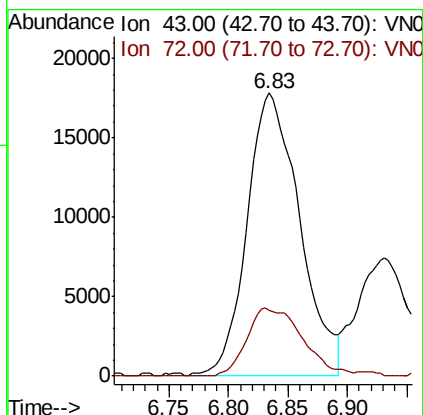
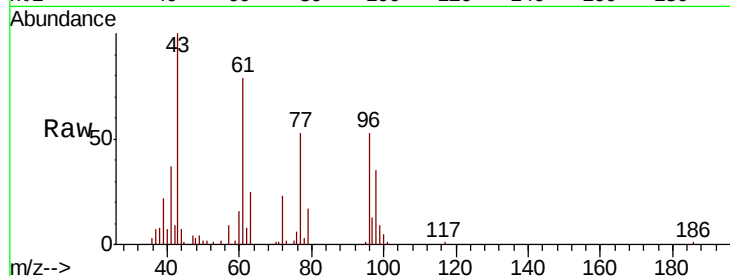




#25
2-Butanone
Concen: 17.358 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

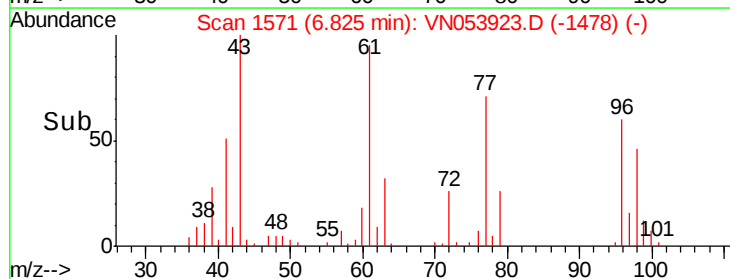
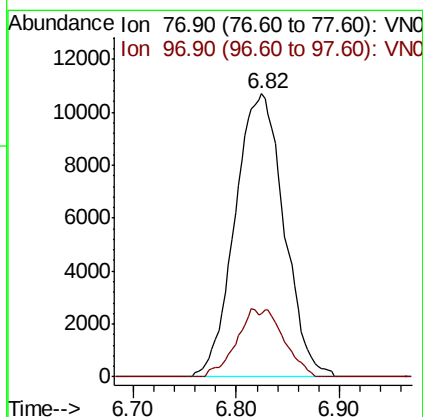
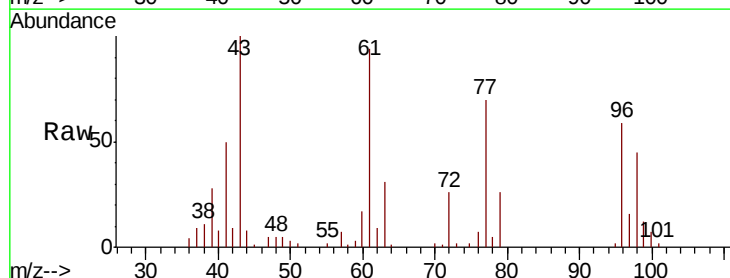
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

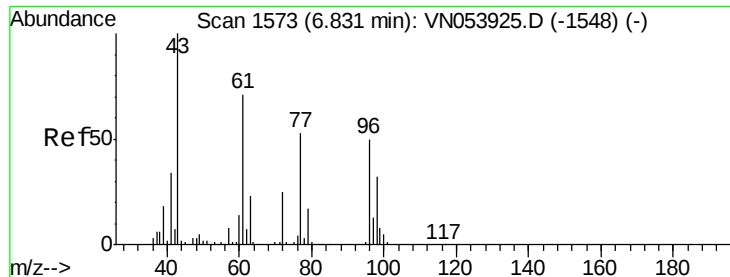
Tgt Ion: 43 Resp: 54736
Ion Ratio Lower Upper
43 100
72 23.1 22.1 33.1



#26
2,2-Dichloropropane
Concen: 3.539 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

Tgt Ion: 77 Resp: 35287
Ion Ratio Lower Upper
77 100
97 11.2 12.3 36.9#

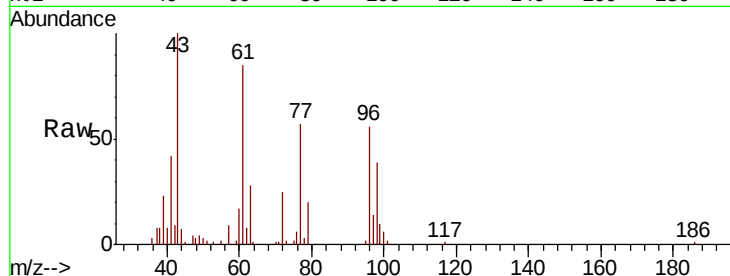




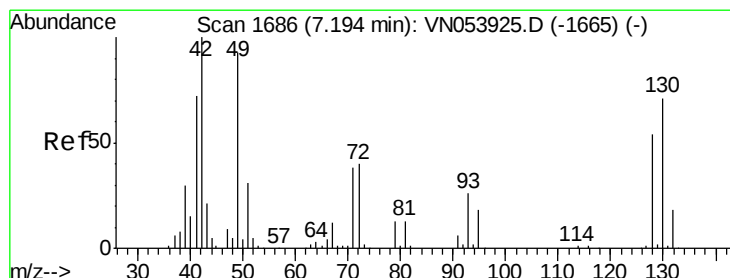
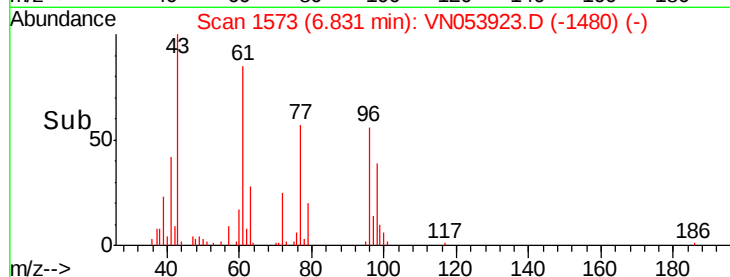
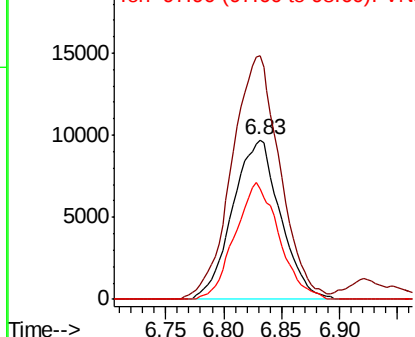
#27
 cis-1,2-Dichloroethene
 Concen: 3.415 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN053923.D
 Acq: 25 Feb 2019 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 27802
 Ion Ratio Lower Upper
 96 100
 61 154.3 0.0 275.6
 98 67.8 0.0 130.0

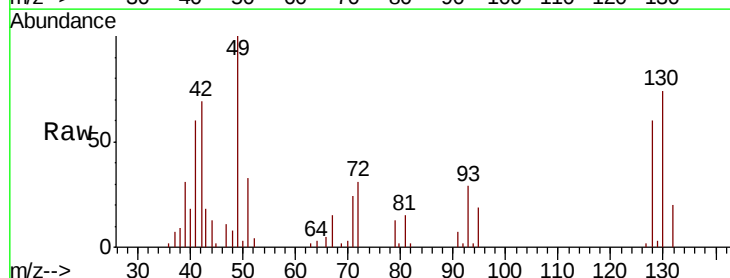


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

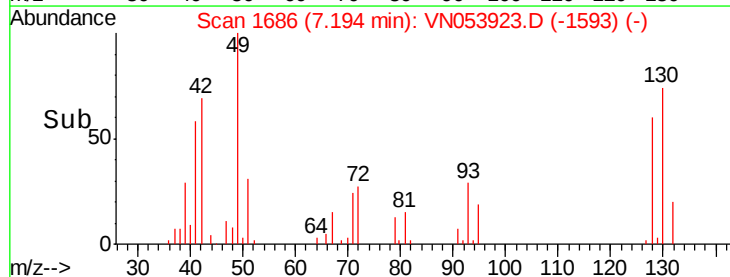
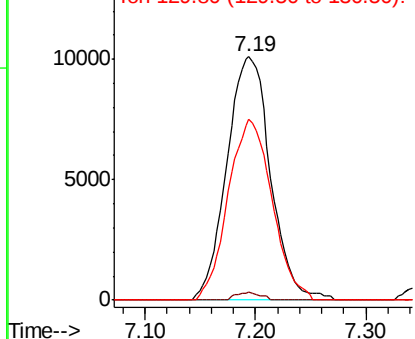


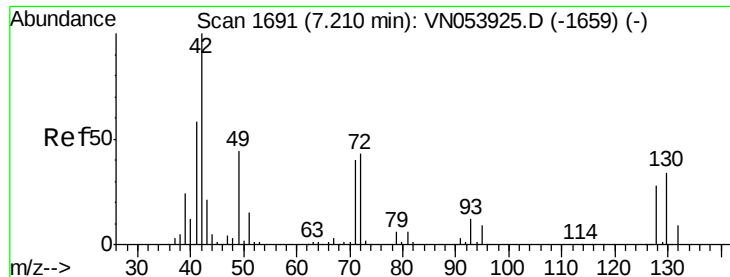
#28
 Bromochloromethane
 Concen: 4.320 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VN053923.D
 Acq: 25 Feb 2019 12:10

Tgt Ion: 49 Resp: 27750
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 74.8 72.9 109.3



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

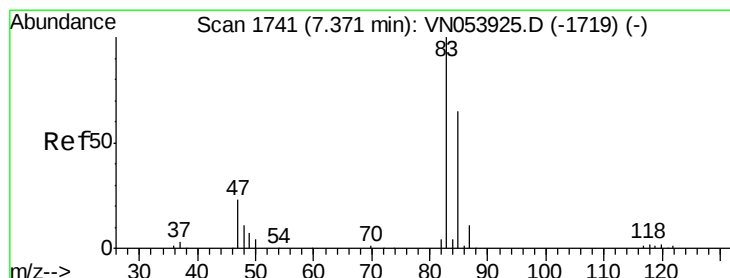
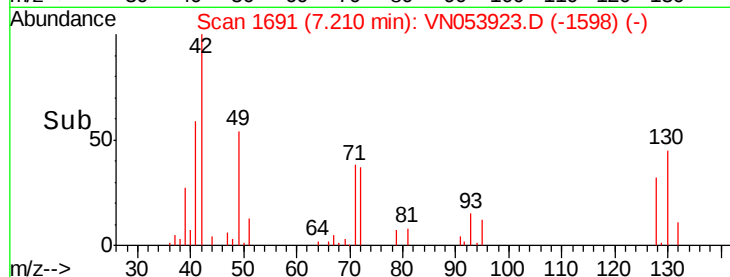
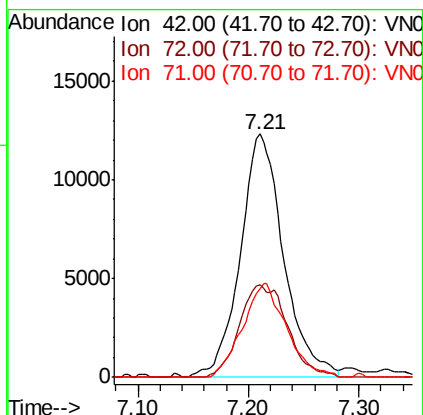
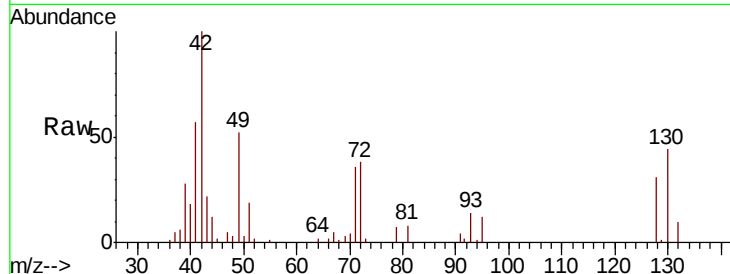




#29
Tetrahydrofuran
Concen: 16.004 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

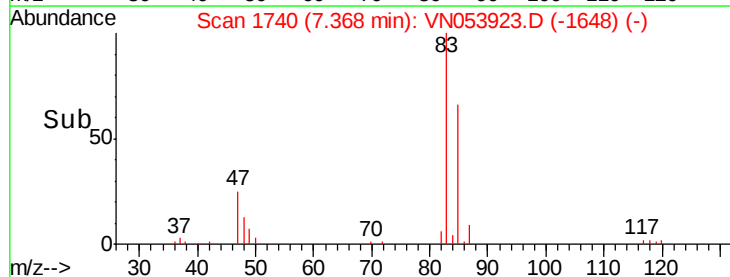
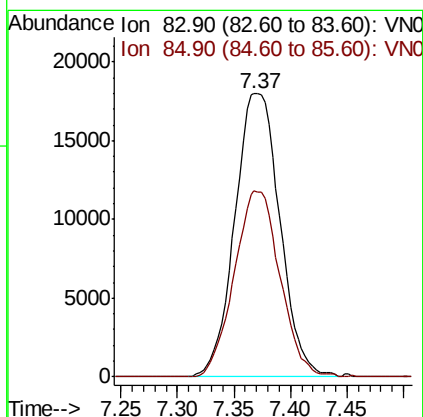
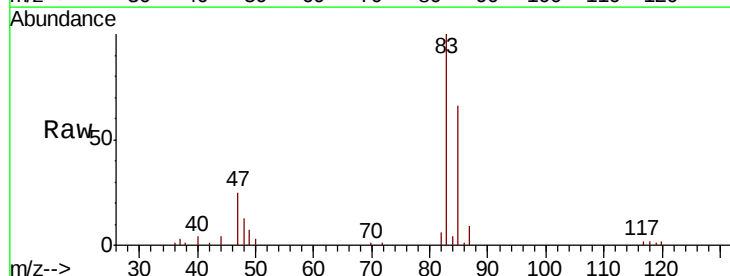
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

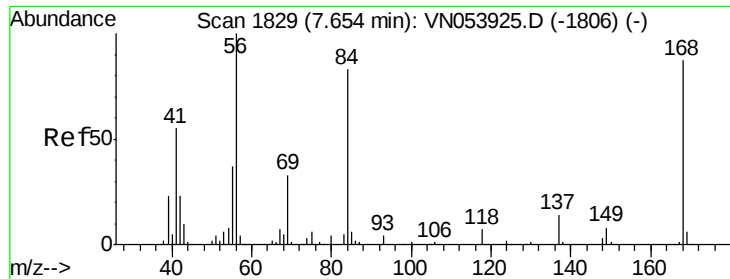
Tgt Ion: 42 Resp: 33607
Ion Ratio Lower Upper
42 100
72 42.1 36.9 55.3
71 39.0 34.6 52.0



#30
Chloroform
Concen: 3.668 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

Tgt Ion: 83 Resp: 49905
Ion Ratio Lower Upper
83 100
85 65.6 52.6 78.8

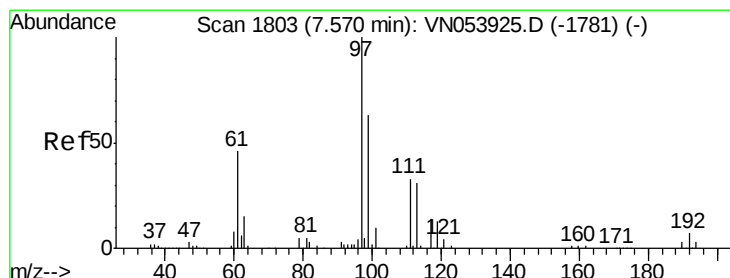
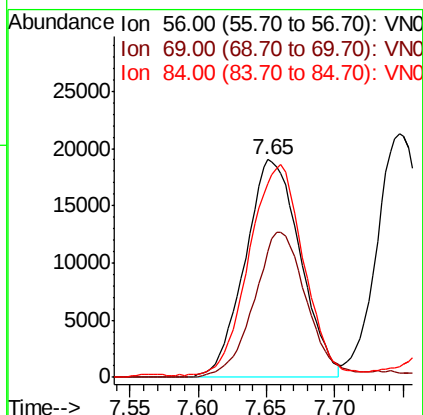
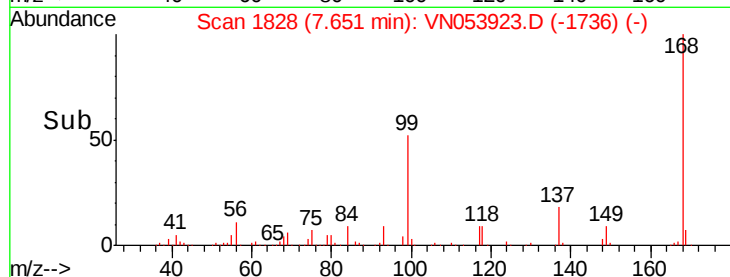
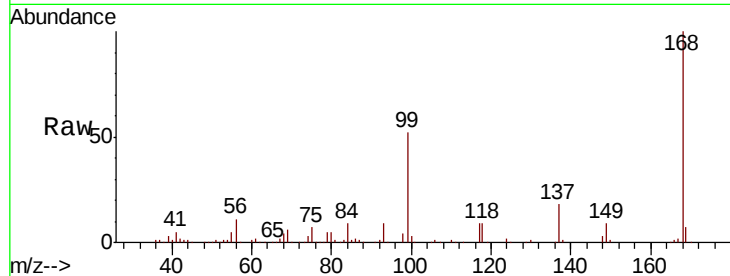




#31
Cyclohexane
Concen: 3.774 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

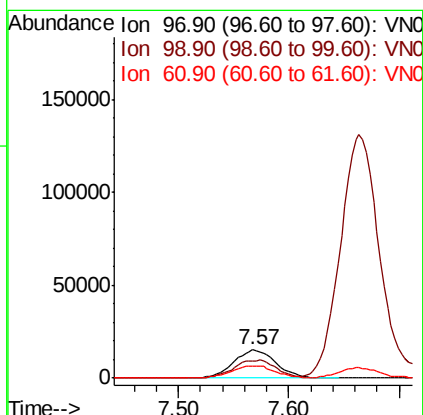
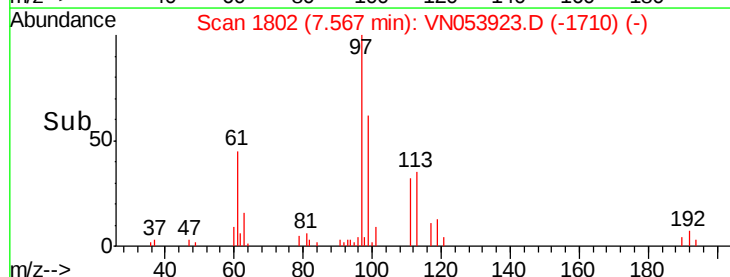
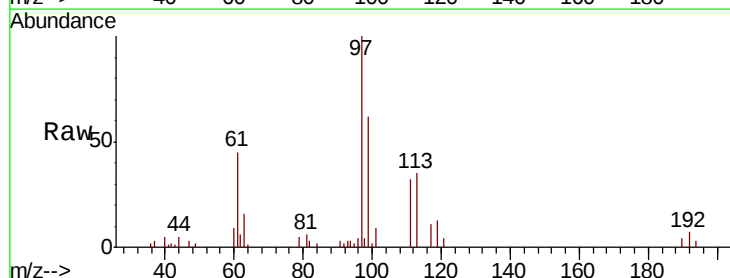
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

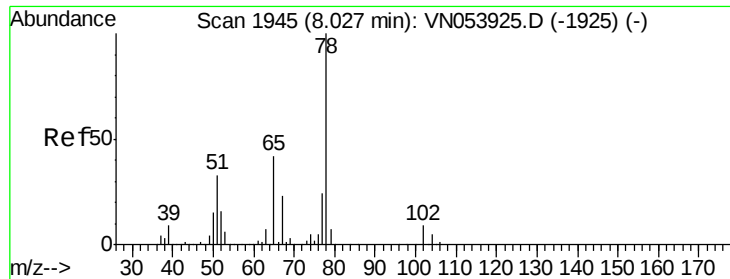
Tgt Ion: 56 Resp: 53328
Ion Ratio Lower Upper
56 100
69 57.7 26.0 39.0#
84 88.2 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 3.619 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

Tgt Ion: 97 Resp: 40604
Ion Ratio Lower Upper
97 100
99 63.6 51.8 77.8
61 45.1 33.2 49.8





#33

1,2-Dichloroethane-d4

Concen: 4.264 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

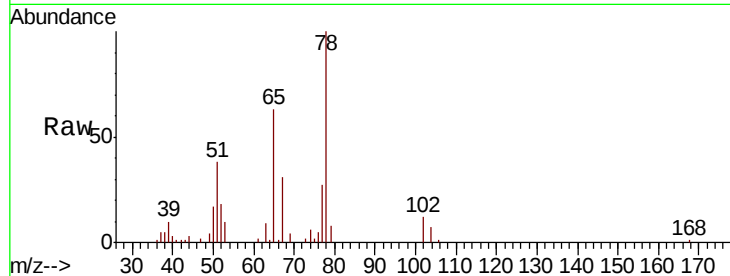
VSTDIC005

Tgt Ion: 65 Resp: 34245

Ion Ratio Lower Upper

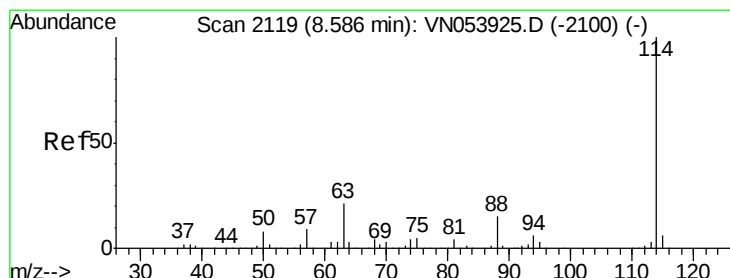
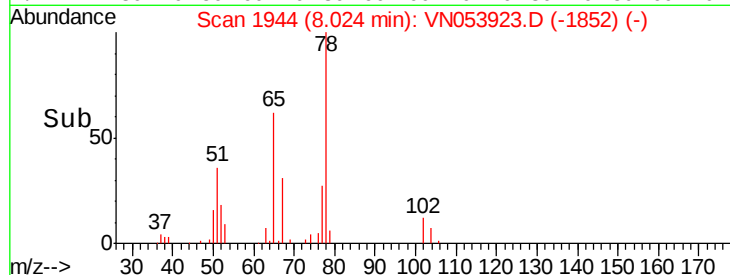
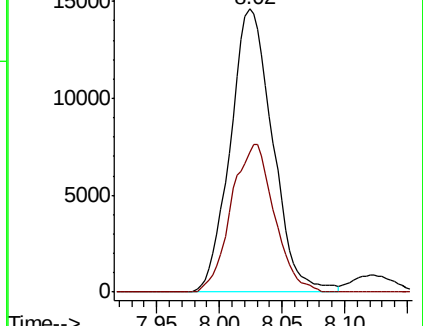
65 100

67 53.1 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN053923.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN053923.D (-1925) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

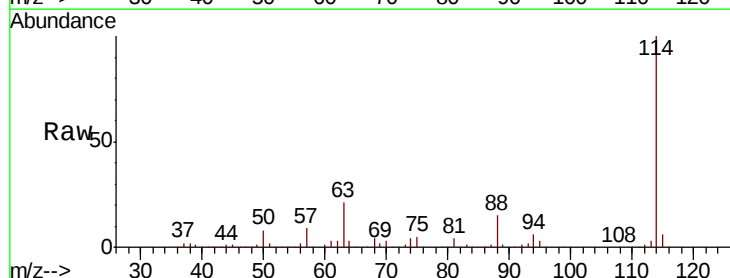
Tgt Ion: 114 Resp: 1052487

Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

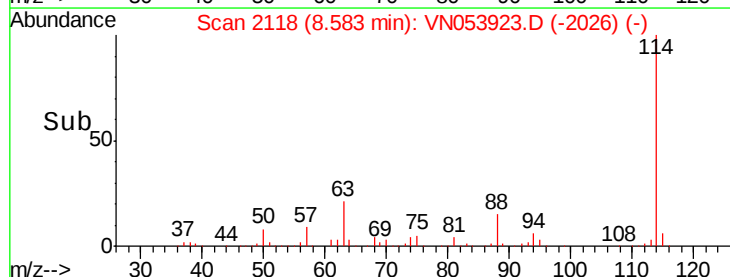
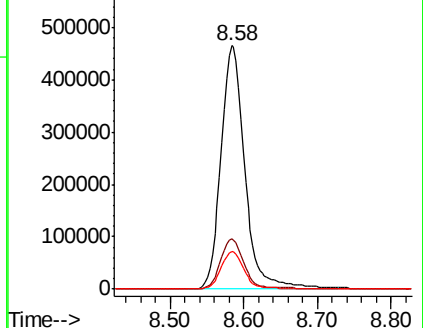
88 15.4 0.0 30.4

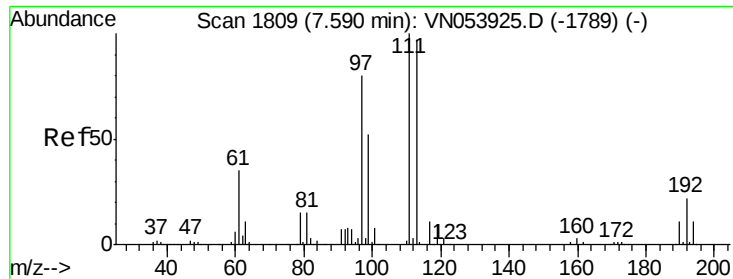


Abundance Ion 113.90 (113.60 to 114.60): VN053923.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN053923.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN053923.D (-2026) (-)

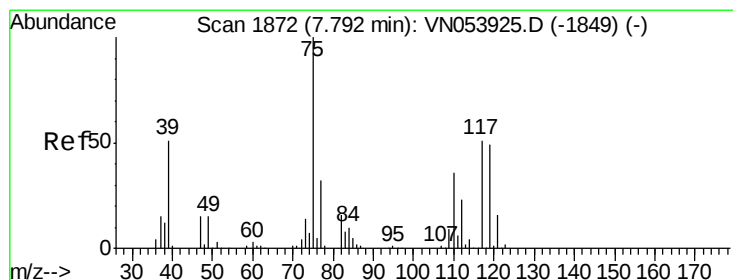
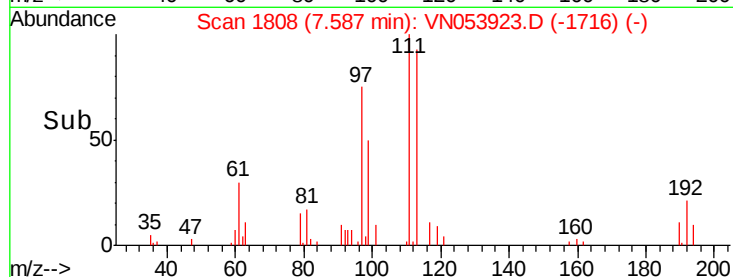
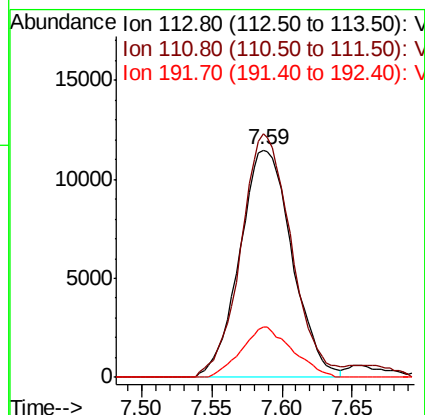
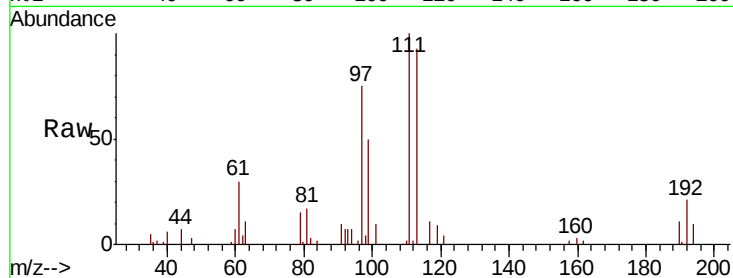




#35
 Dibromofluoromethane
 Concen: 4.376 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN053923.D
 Acq: 25 Feb 2019 12:10

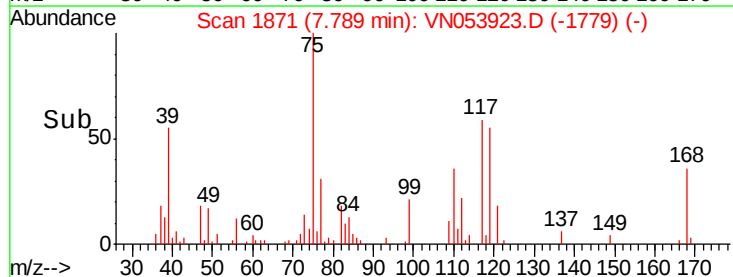
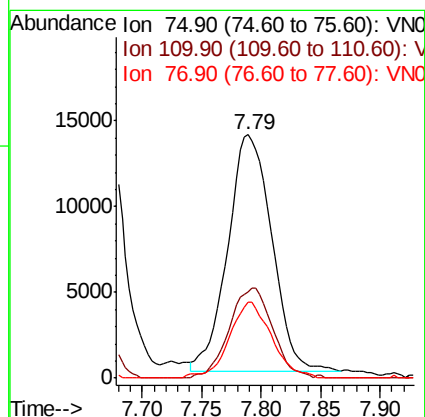
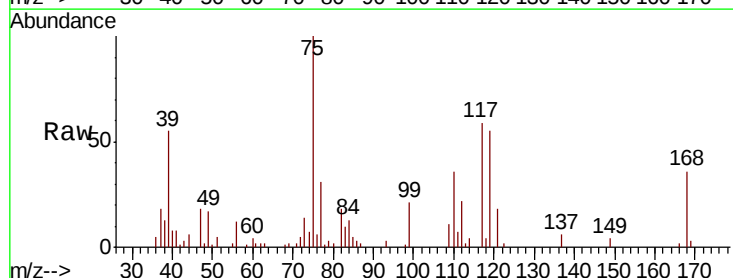
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

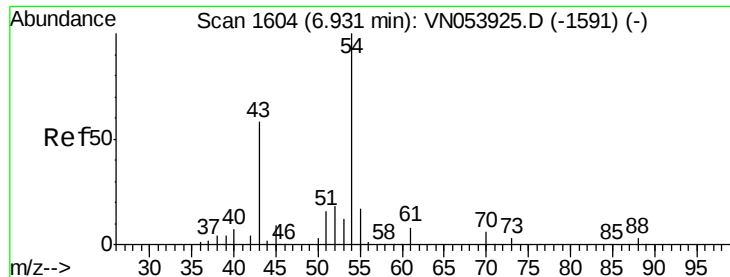
Tgt Ion: 113 Resp: 29785
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.1 121.7
 192 21.6 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 3.596 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN053923.D
 Acq: 25 Feb 2019 12:10

Tgt Ion: 75 Resp: 35197
 Ion Ratio Lower Upper
 75 100
 110 37.7 19.0 57.0
 77 31.1 25.4 38.0

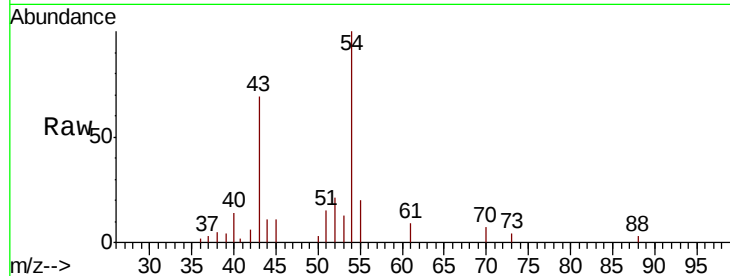




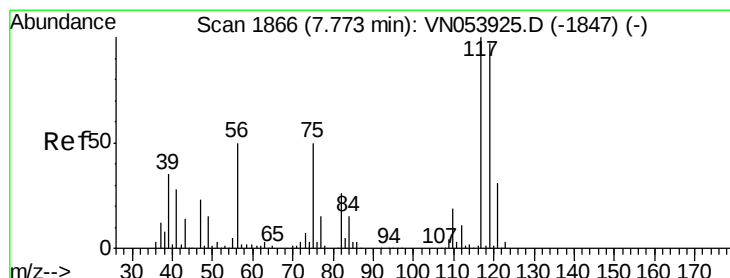
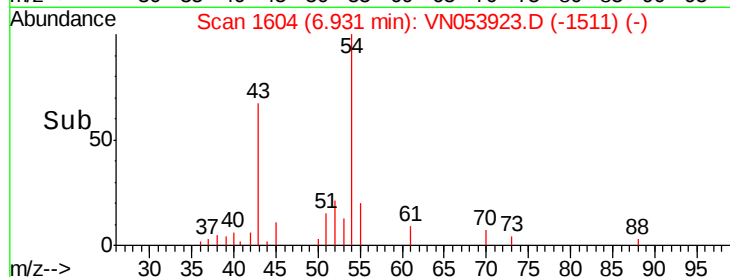
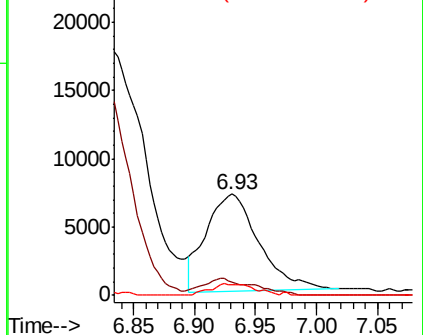
#37
Ethyl Acetate
Concen: 3.091 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 21602
Ion Ratio Lower Upper
43 100
61 17.0 12.0 18.0
70 9.9 8.7 13.1

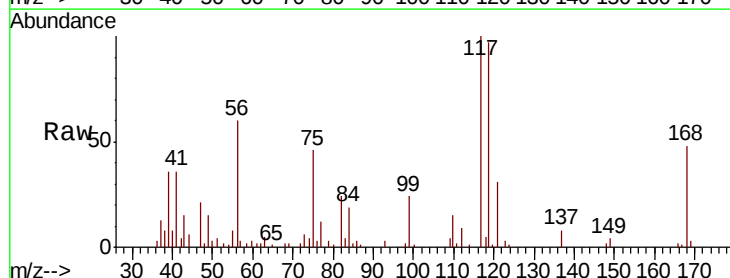


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

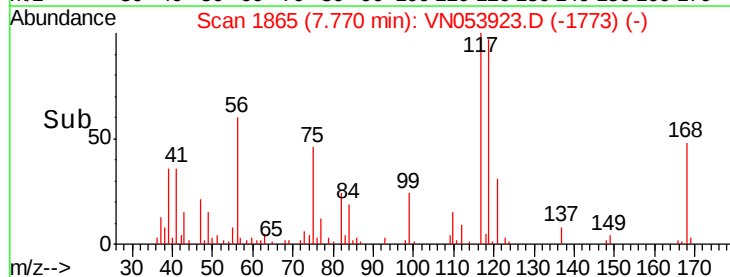
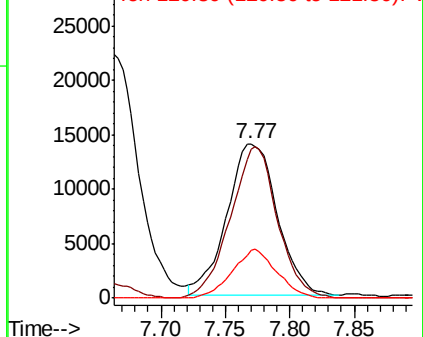


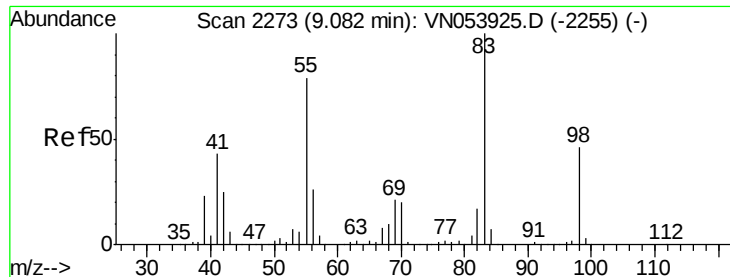
#38
Carbon Tetrachloride
Concen: 3.727 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

Tgt Ion: 117 Resp: 37940
Ion Ratio Lower Upper
117 100
119 98.6 76.2 114.2
121 31.7 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

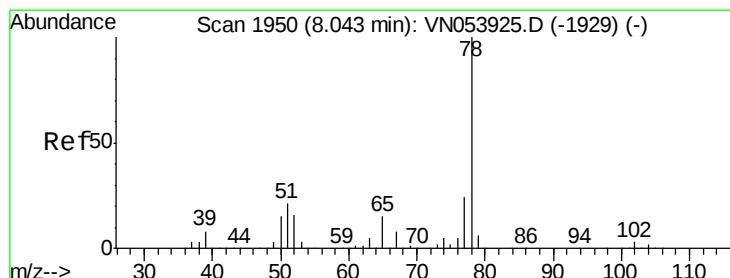
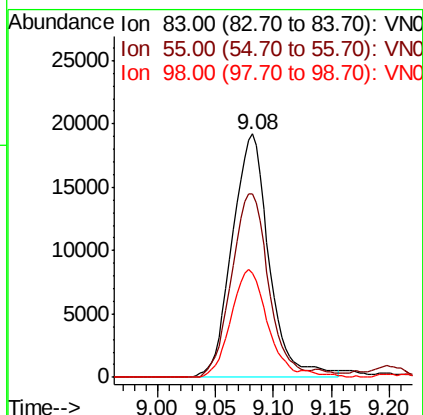
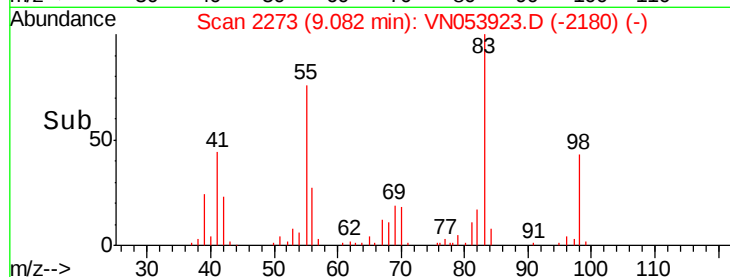
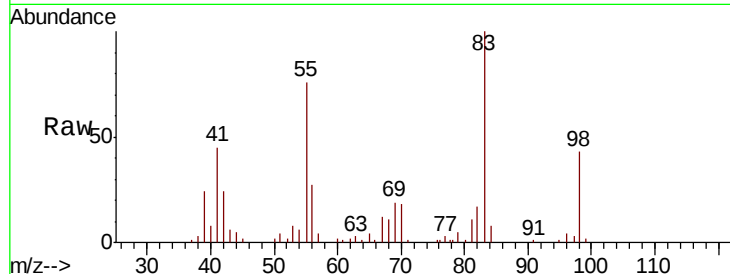




#39
Methylcyclohexane
Concen: 3.597 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

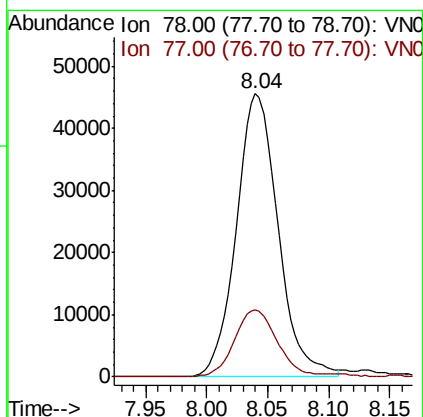
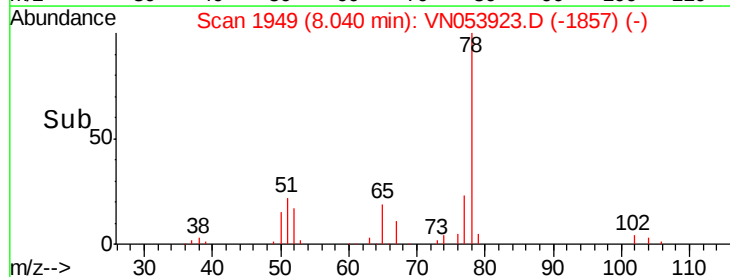
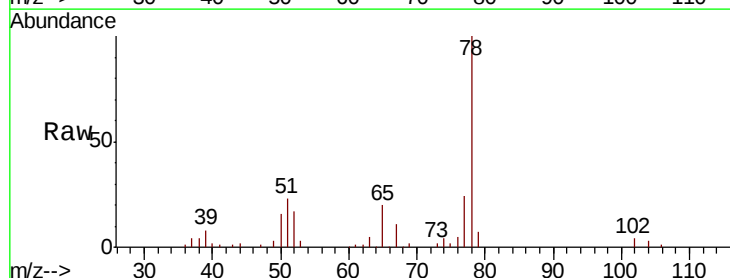
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

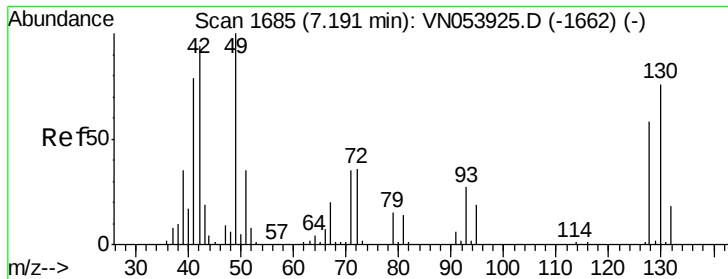
Tgt Ion: 83 Resp: 42435
Ion Ratio Lower Upper
83 100
55 75.6 58.2 87.4
98 42.8 37.2 55.8



#40
Benzene
Concen: 3.597 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

Tgt Ion: 78 Resp: 108146
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2

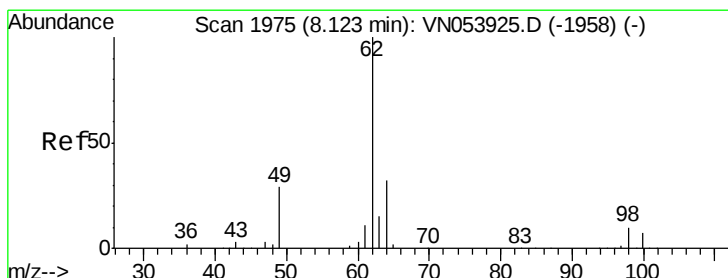
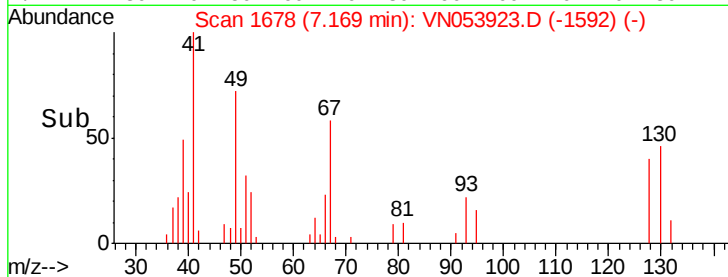
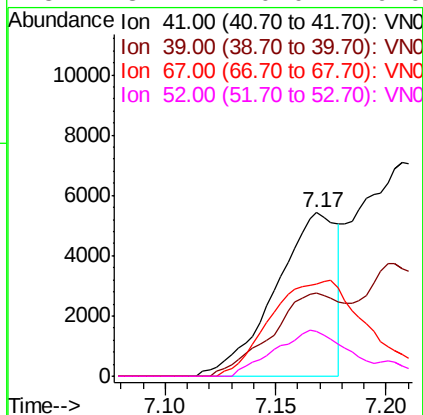
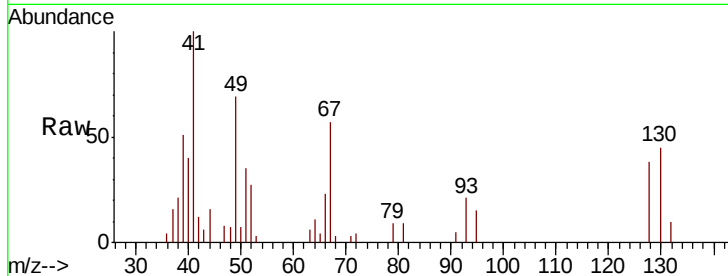




#41
Methacrylonitrile
Concen: 2.329 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.02 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

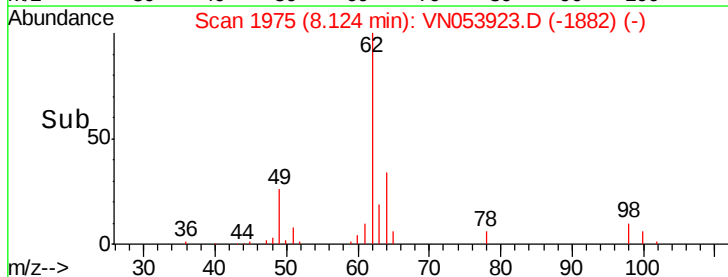
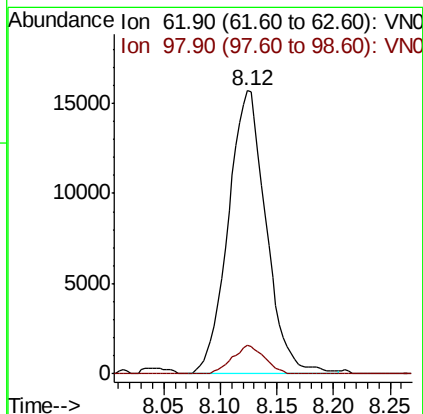
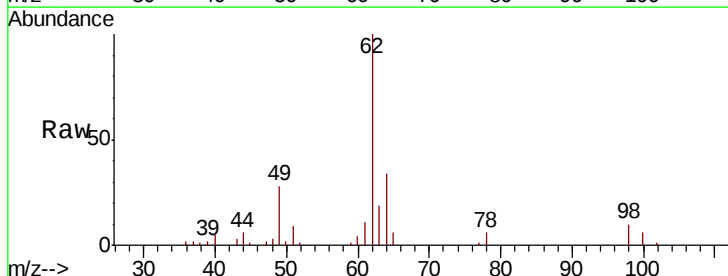
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

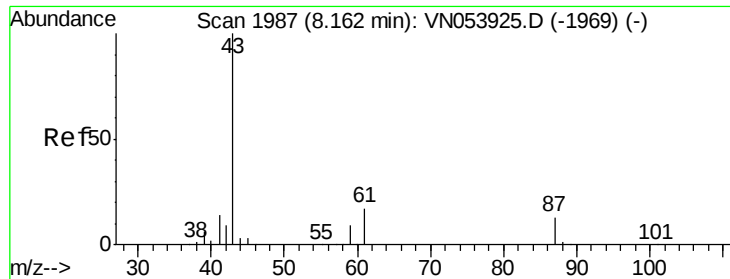
Tgt Ion: 41 Resp: 10480
Ion Ratio Lower Upper
41 100
39 57.7 0.0 0.0#
67 93.3 0.0 0.0#
52 32.7 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 3.943 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

Tgt Ion: 62 Resp: 36709
Ion Ratio Lower Upper
62 100
98 8.6 0.0 20.8

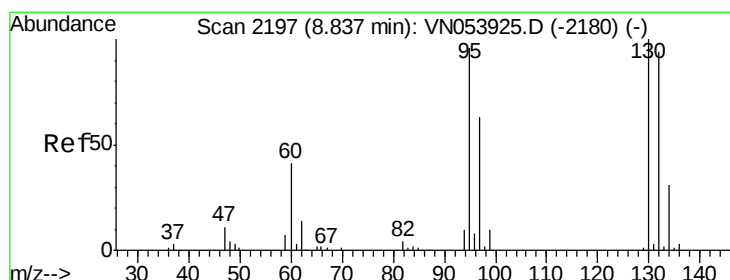
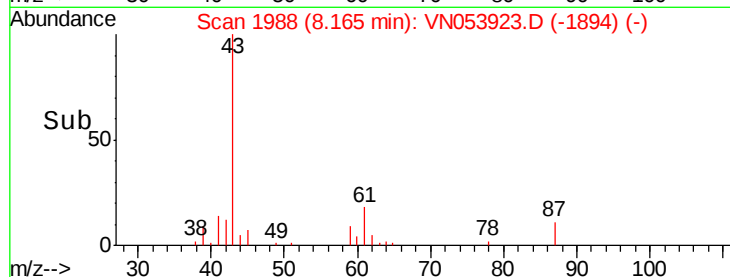
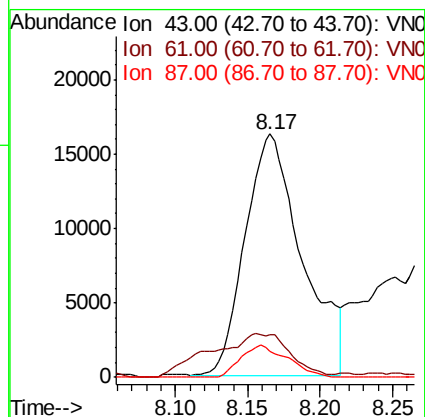
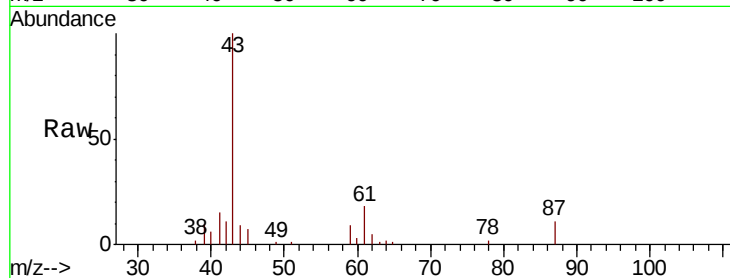




#43
Isopropyl Acetate
Concen: 3.754 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

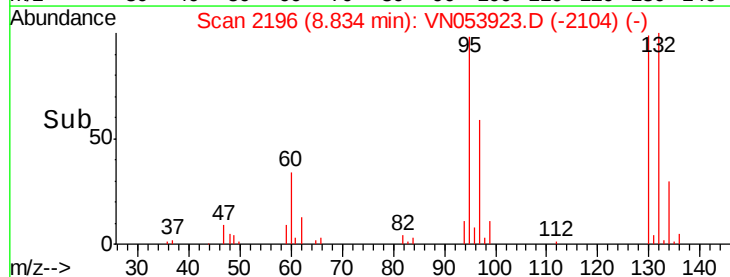
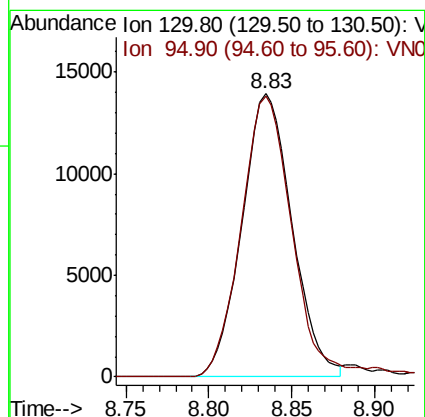
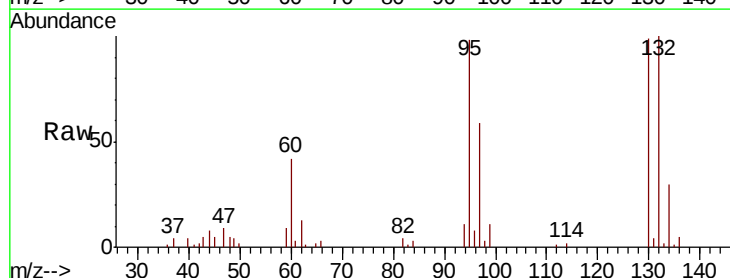
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

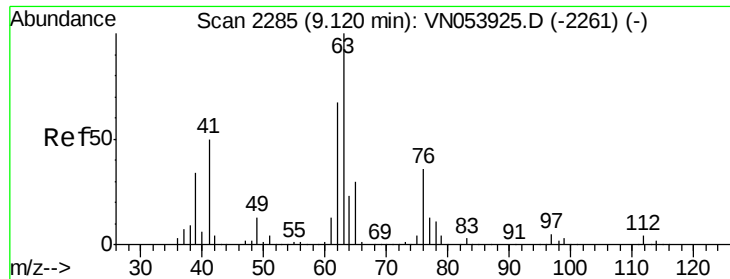
Tgt Ion: 43 Resp: 44303
Ion Ratio Lower Upper
43 100
61 25.2 17.4 26.0
87 11.0 11.5 17.3#



#44
Trichloroethene
Concen: 3.687 ug/l
RT: 8.83 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

Tgt Ion:130 Resp: 29389
Ion Ratio Lower Upper
130 100
95 99.2 0.0 190.0





#45

1,2-Dichloropropane

Concen: 3.642 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

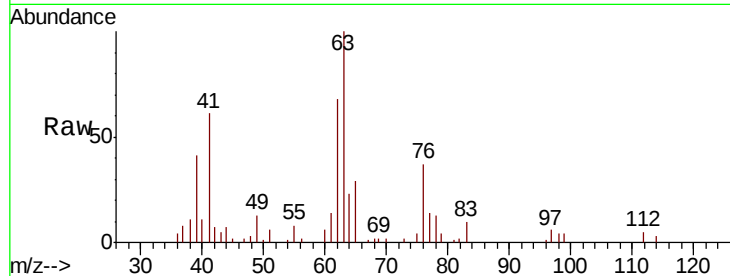
VSTDIC005

Tgt Ion: 63 Resp: 29545

Ion Ratio Lower Upper

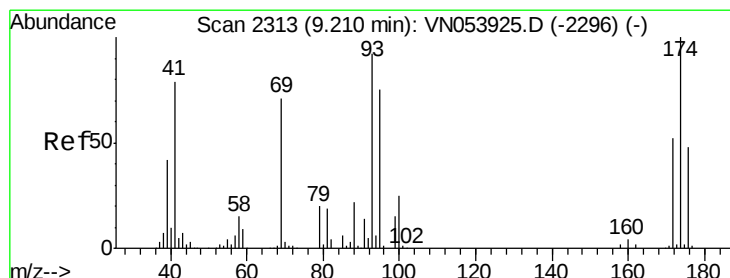
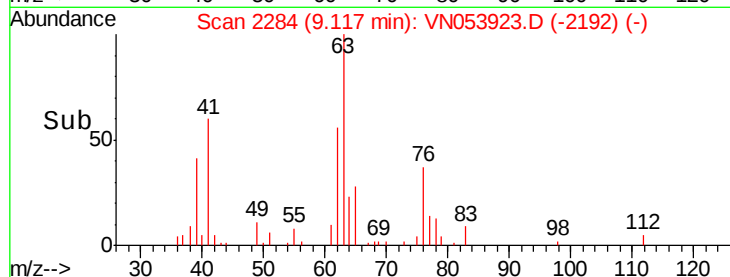
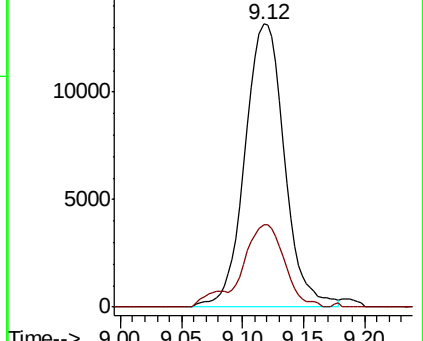
63 100

65 29.2 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VN053923.D (-2261) (-)

Ion 64.90 (64.60 to 65.60): VN053923.D (-2261) (-)



#46

Dibromomethane

Concen: 3.786 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

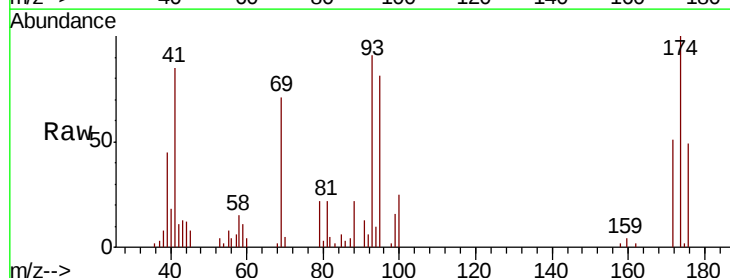
Tgt Ion: 93 Resp: 17832

Ion Ratio Lower Upper

93 100

95 88.1 66.6 100.0

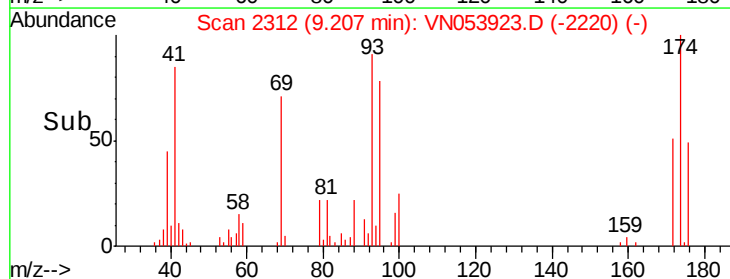
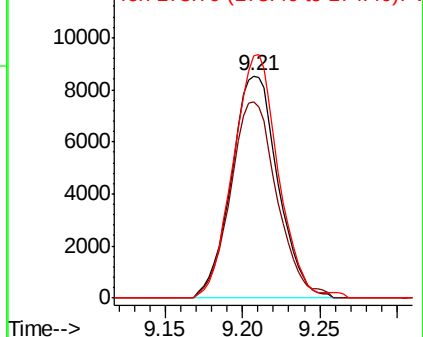
174 105.8 96.2 144.4

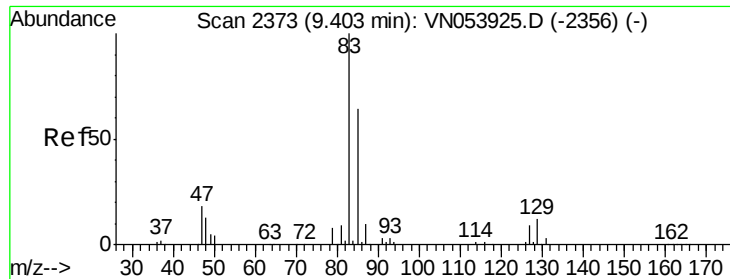


Abundance Ion 92.80 (92.50 to 93.50): VN053923.D (-2296) (-)

Ion 94.80 (94.50 to 95.50): VN053923.D (-2296) (-)

Ion 173.70 (173.40 to 174.40): VN053923.D (-2296) (-)





#47

Bromodichloromethane

Concen: 3.755 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

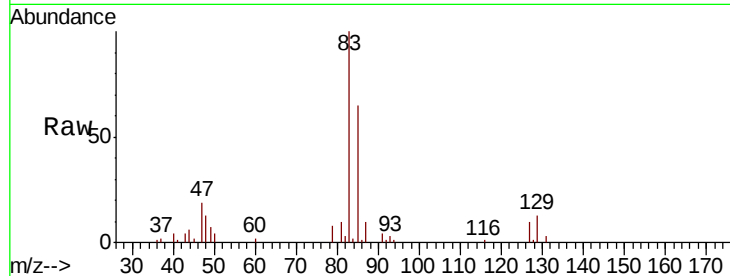
Tgt Ion: 83 Resp: 37268

Ion Ratio Lower Upper

83 100

85 64.5 51.8 77.6

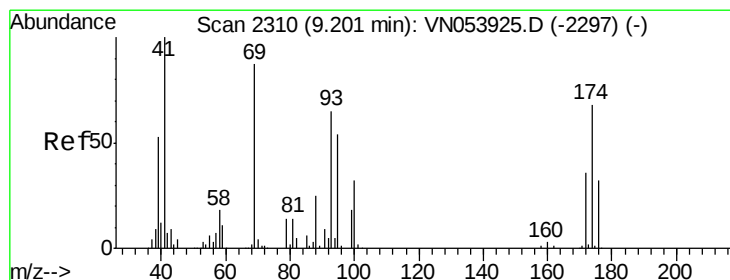
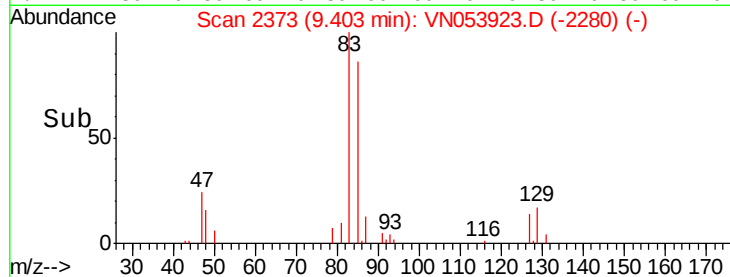
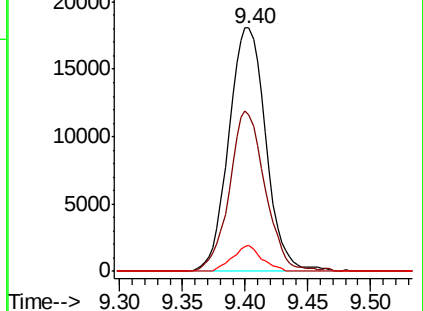
127 10.5 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN053923.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN053923.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN053923.D (-2280) (-)



#48

Methyl methacrylate

Concen: 3.059 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

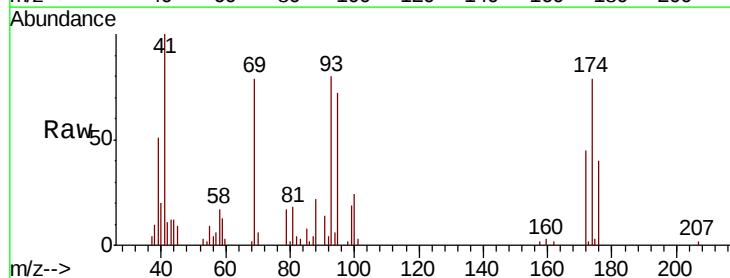
Tgt Ion: 41 Resp: 16604

Ion Ratio Lower Upper

41 100

69 96.1 74.8 112.2

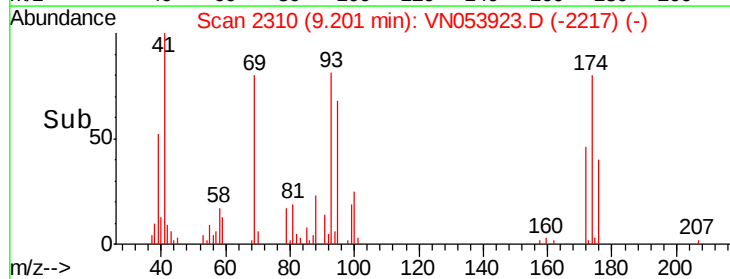
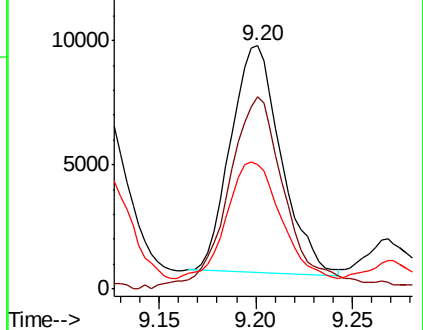
39 66.9 39.0 58.6#

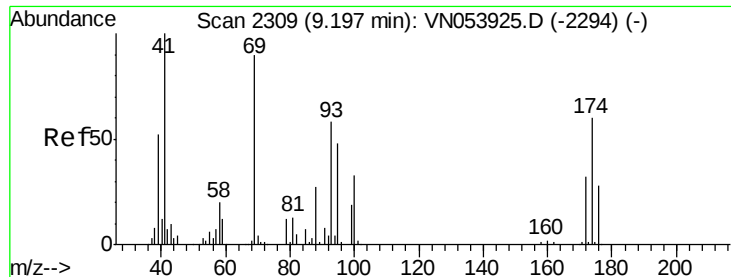


Abundance Ion 41.00 (40.70 to 41.70): VN053923.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN053923.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN053923.D (-2217) (-)

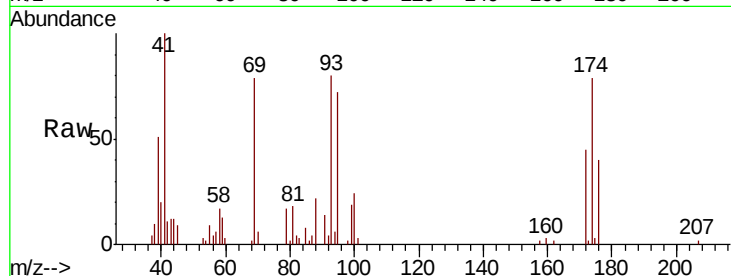




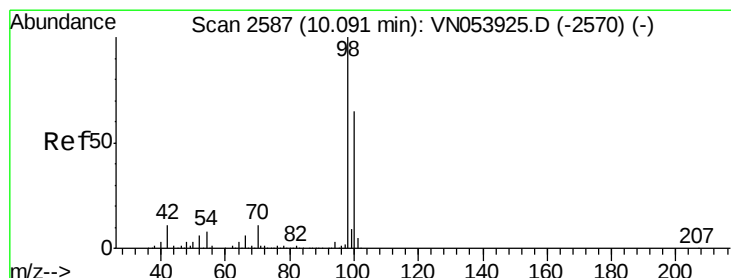
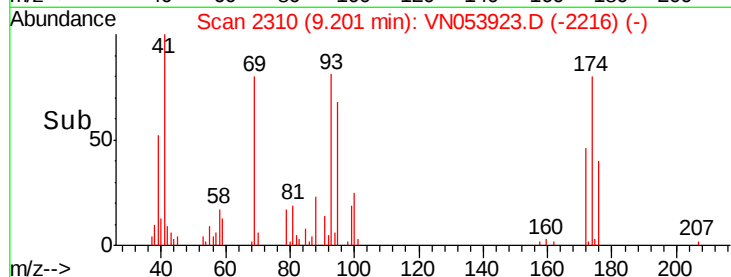
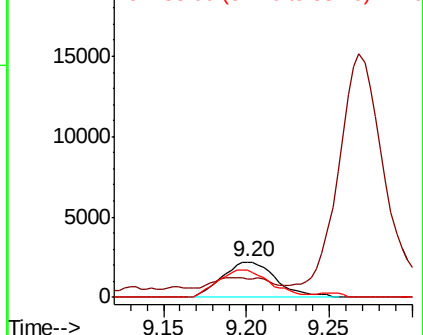
#49
 1,4-Dioxane
 Concen: 68.286 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN053923.D
 Acq: 25 Feb 2019 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 88 Resp: 5020
 Ion Ratio Lower Upper
 88 100
 43 28.9 21.2 31.8
 58 75.1 54.2 81.2

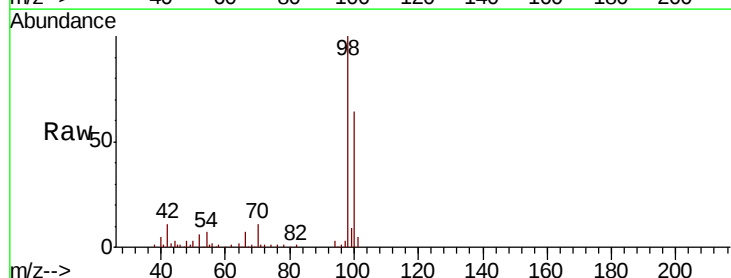


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

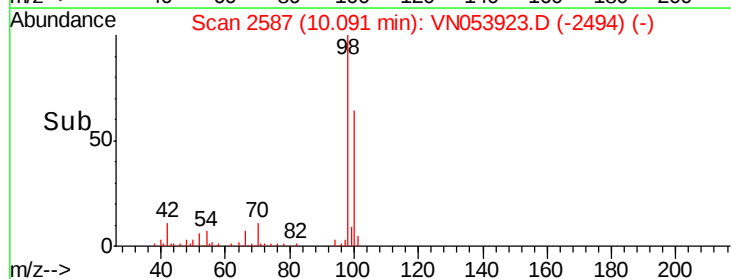
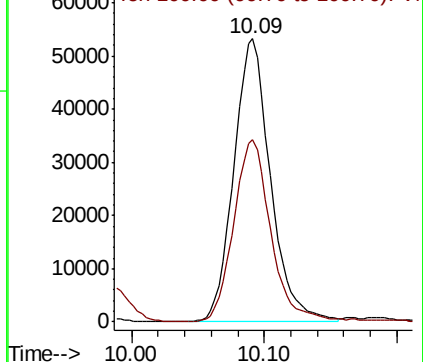


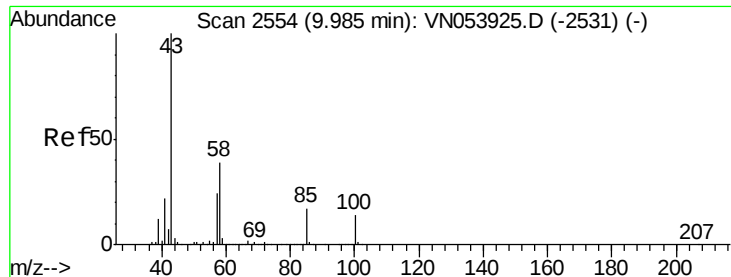
#50
 Toluene-d8
 Concen: 4.044 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN053923.D
 Acq: 25 Feb 2019 12:10

Tgt Ion: 98 Resp: 102458
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.9 77.9



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

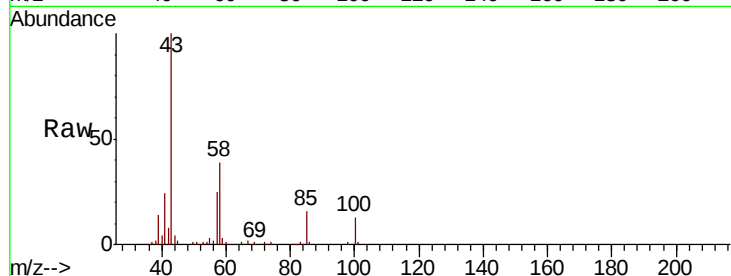




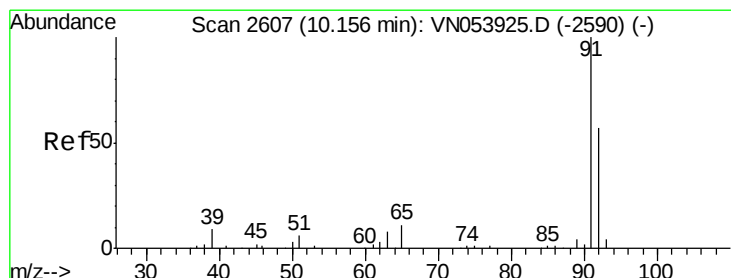
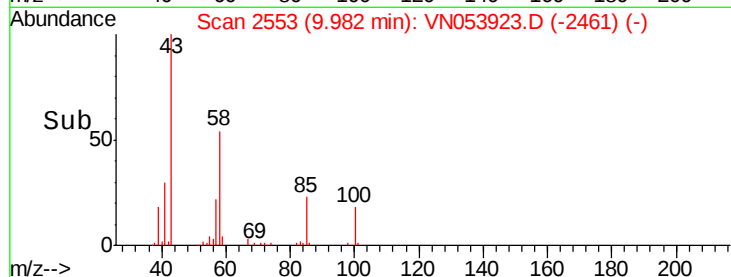
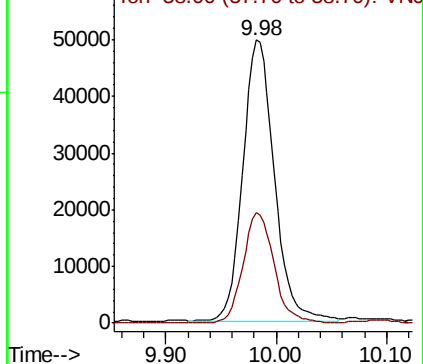
#51
 4-Methyl-2-Pentanone
 Concen: 16.143 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: VN053923.D
 Acq: 25 Feb 2019 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 97888
 Ion Ratio Lower Upper
 43 100
 58 38.8 32.7 49.1

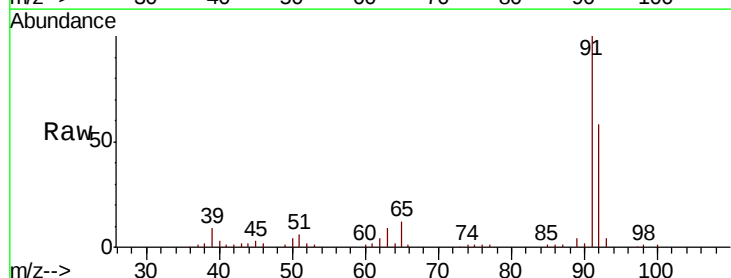


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

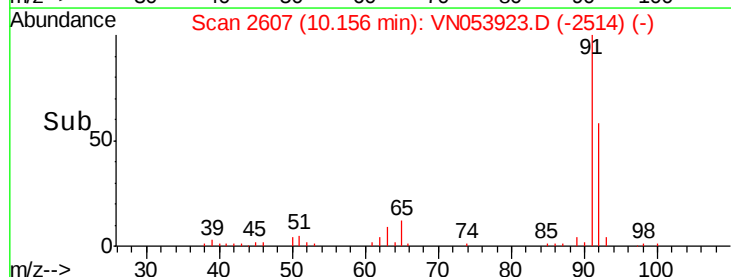
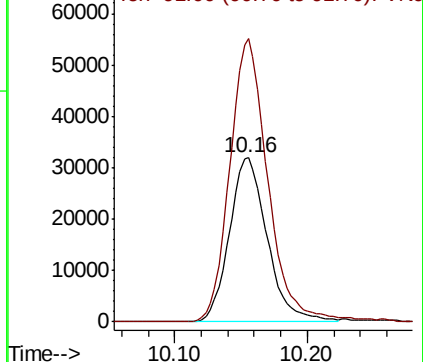


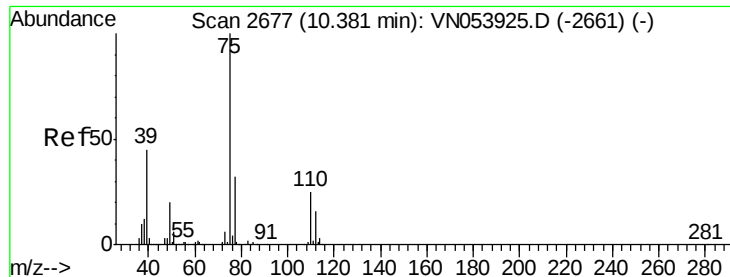
#52
 Toluene
 Concen: 3.574 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053923.D
 Acq: 25 Feb 2019 12:10

Tgt Ion: 92 Resp: 63286
 Ion Ratio Lower Upper
 92 100
 91 173.9 138.4 207.6



Abundance Ion 92.00 (91.70 to 92.70): VN0
 Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 3.337 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

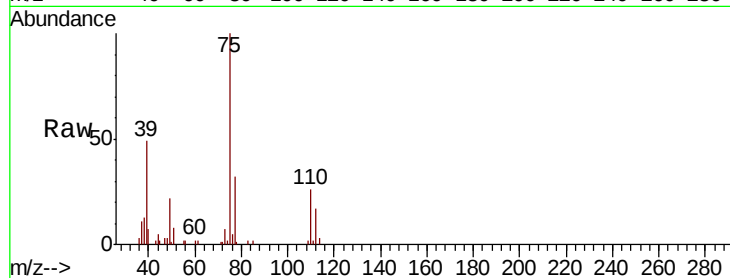
VSTDIC005

Tgt Ion: 75 Resp: 32225

Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

15000

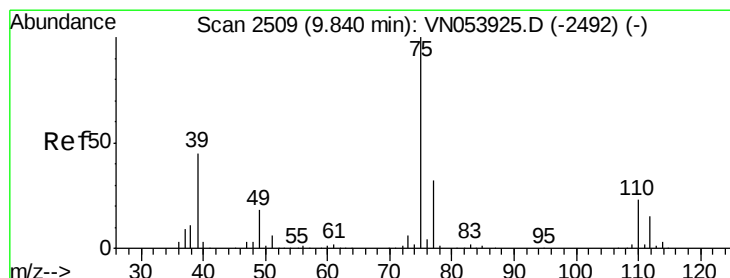
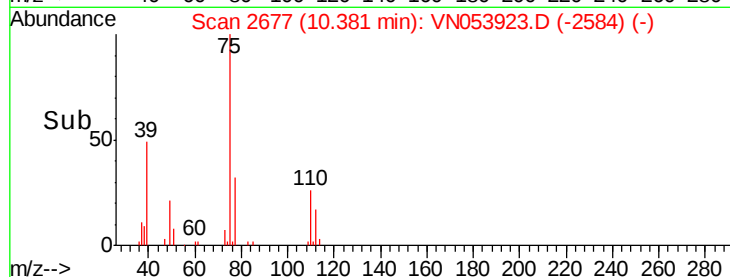
10000

5000

0

10.30 10.35 10.40 10.45

Time-->



#54

cis-1,3-Dichloropropene

Concen: 3.428 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

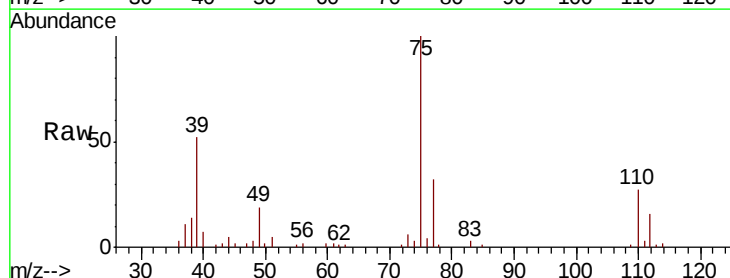
Tgt Ion: 75 Resp: 39026

Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6

39 52.1 31.4 47.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

25000

20000

15000

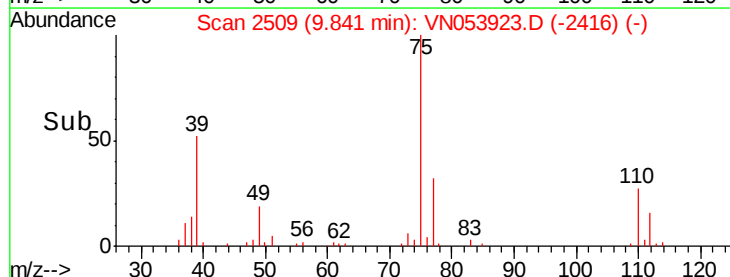
10000

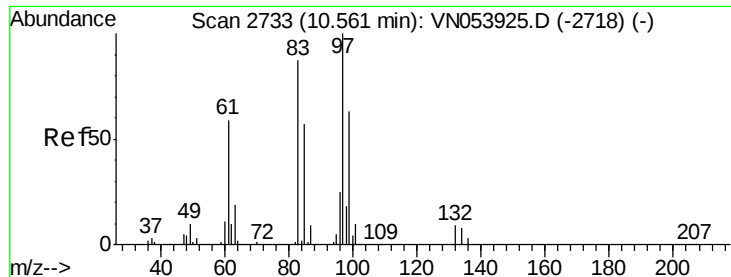
5000

0

9.75 9.80 9.85 9.90

Time-->

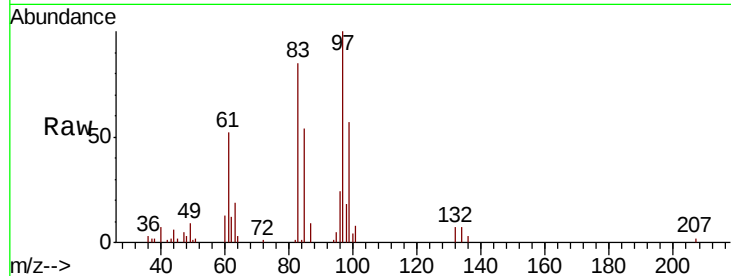




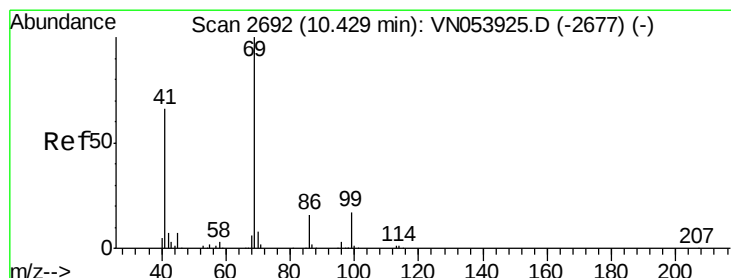
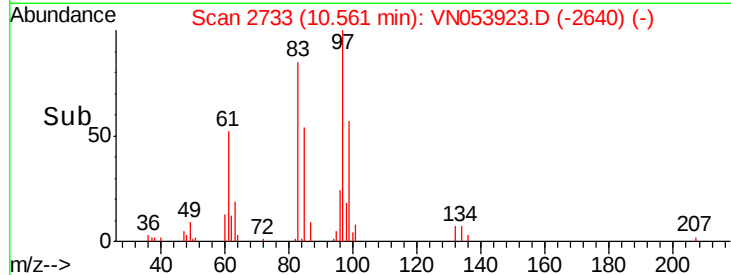
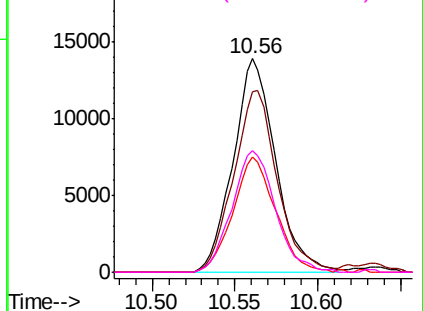
#55
 1,1,2-Trichloroethane
 Concen: 3.758 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN053923.D
 Acq: 25 Feb 2019 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 97 Resp: 24848
 Ion Ratio Lower Upper
 97 100
 83 84.6 69.5 104.3
 85 53.7 45.9 68.9
 99 56.8 49.1 73.7

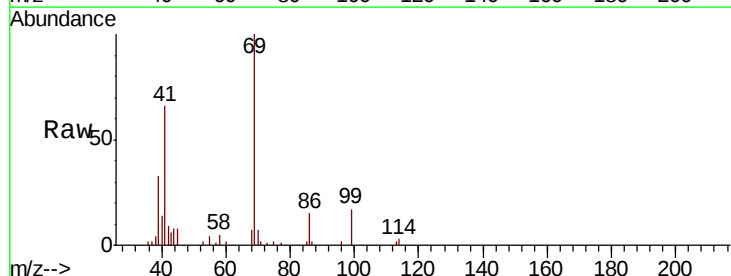


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

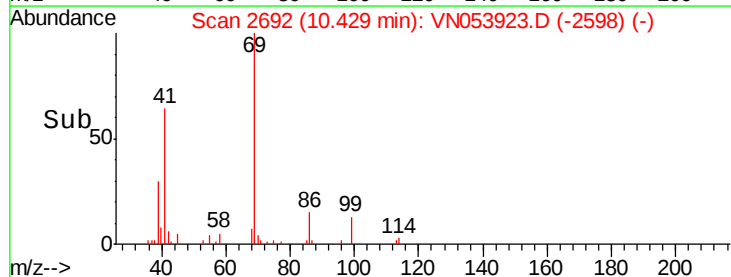
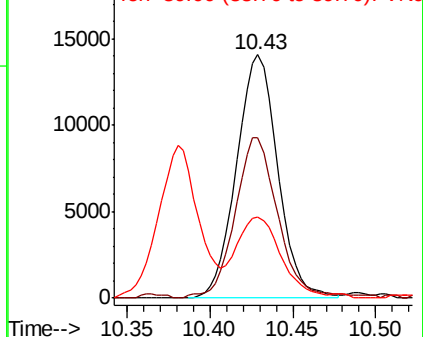


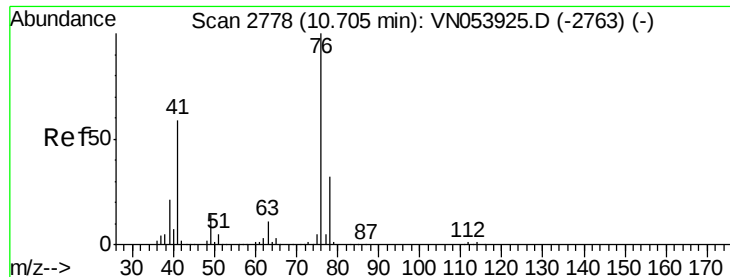
#56
 Ethyl methacrylate
 Concen: 4.656 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053923.D
 Acq: 25 Feb 2019 12:10

Tgt Ion: 69 Resp: 24375
 Ion Ratio Lower Upper
 69 100
 41 68.4 47.5 71.3
 39 34.1 23.4 35.0



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: 3.562 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

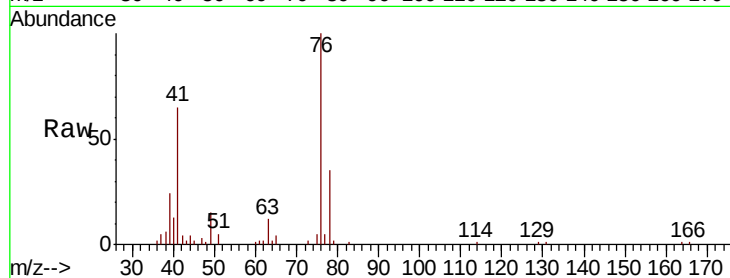
VSTDIC005

Tgt Ion: 76 Resp: 39791

Ion Ratio Lower Upper

76 100

78 32.1 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VN053923.D (-2763) (-)

Ion 77.90 (77.60 to 78.60): VN053923.D (-2763) (-)

10.71

20000

15000

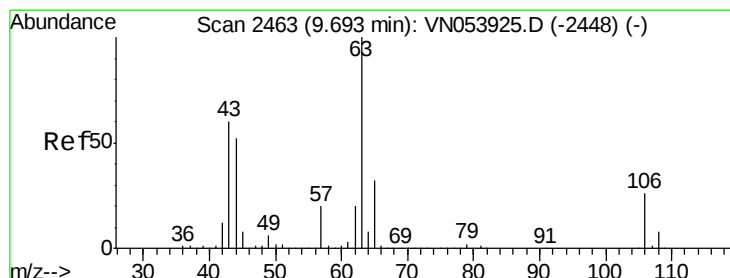
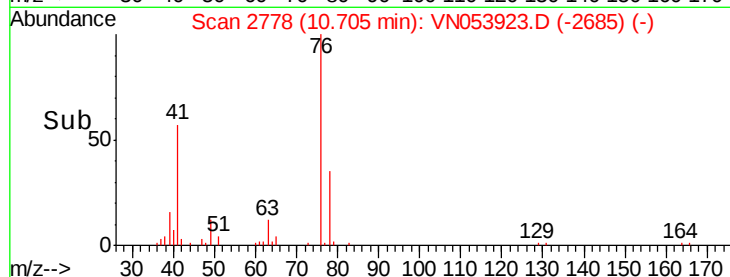
10000

5000

0

Time-->

10.65 10.70 10.75 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 25.112 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN053923.D

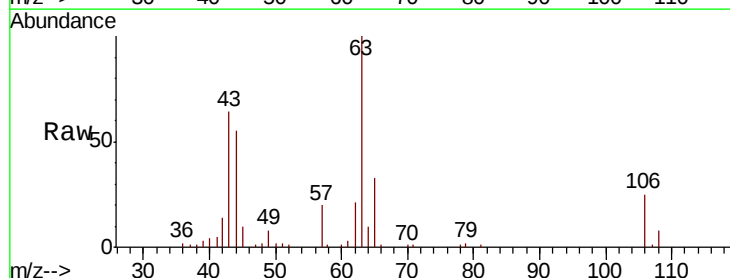
Acq: 25 Feb 2019 12:10

Tgt Ion: 63 Resp: 49063

Ion Ratio Lower Upper

63 100

106 26.0 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VN053923.D (-2448) (-)

Ion 105.90 (105.60 to 106.60): VN053923.D (-2448) (-)

9.69

30000

25000

20000

15000

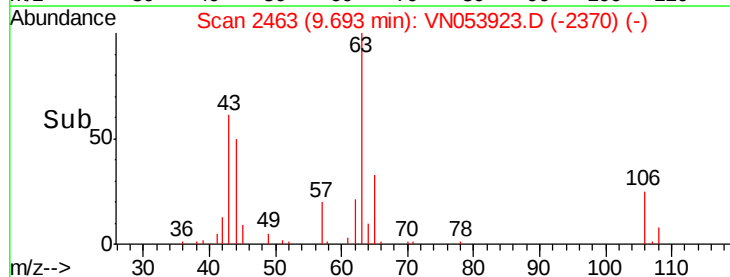
10000

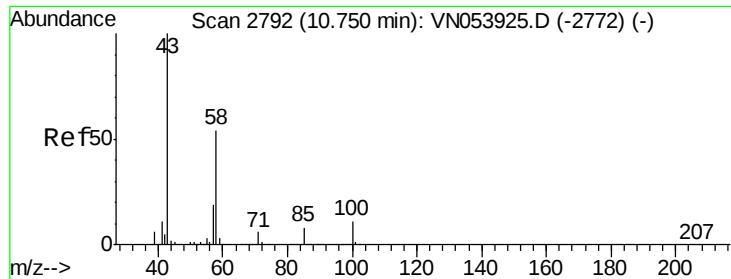
5000

0

Time-->

9.60 9.65 9.70 9.75

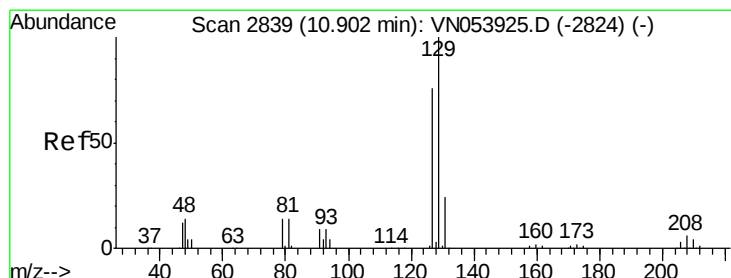
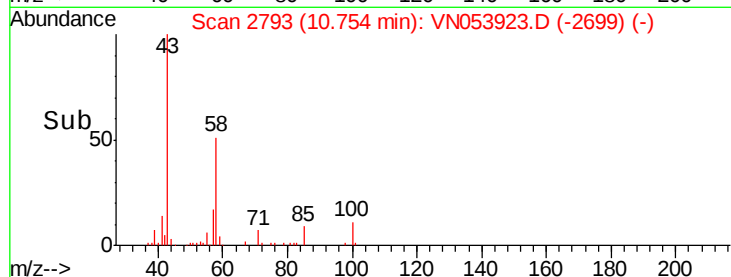
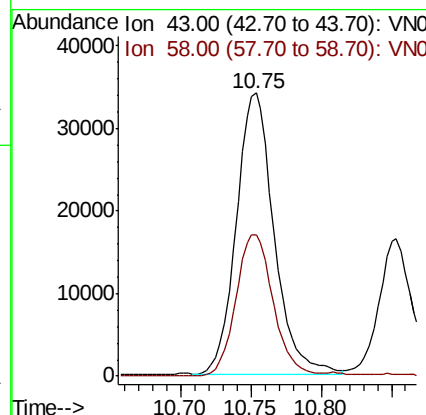
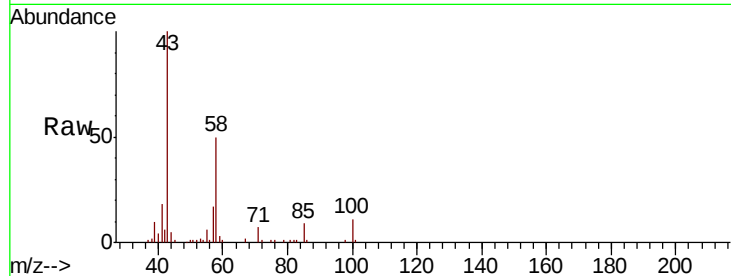




#59
2-Hexanone
Concen: 16.144 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

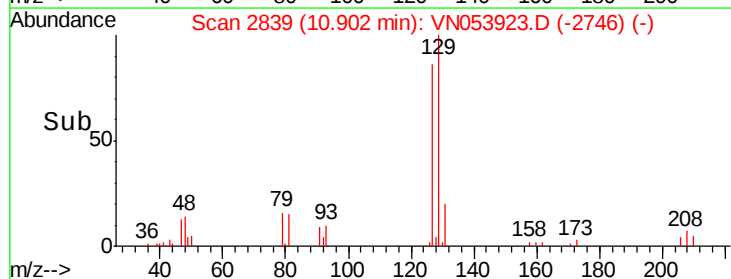
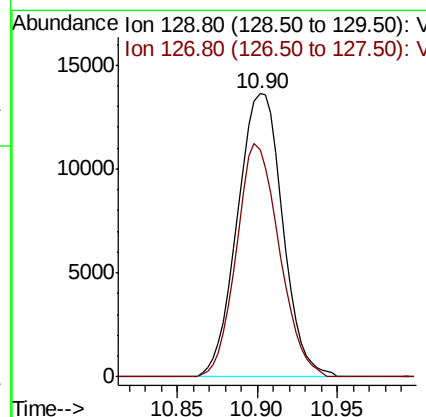
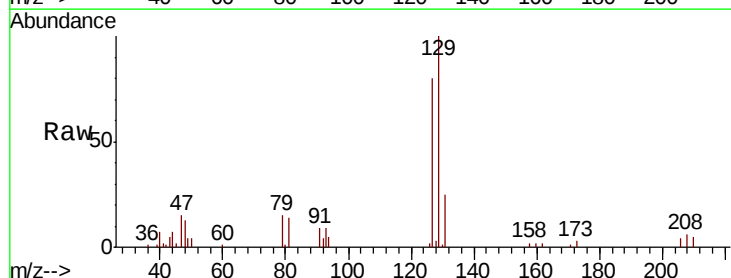
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

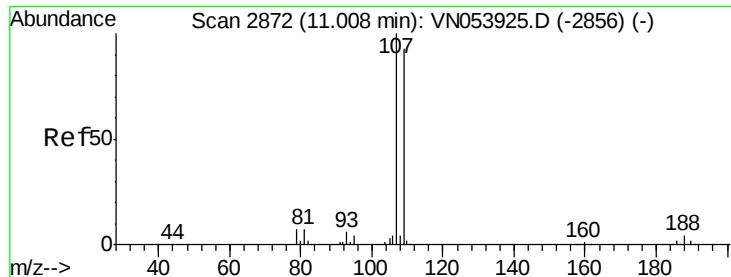
Tgt Ion: 43 Resp: 63669
Ion Ratio Lower Upper
43 100
58 50.0 29.1 87.4



#60
Dibromochloromethane
Concen: 3.579 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

Tgt Ion: 129 Resp: 26302
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.3

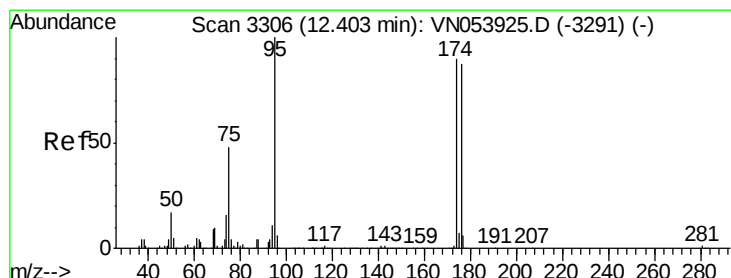
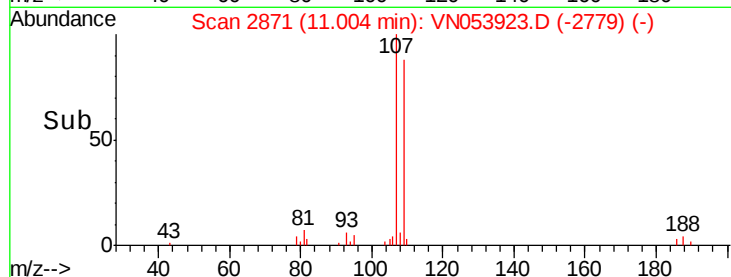
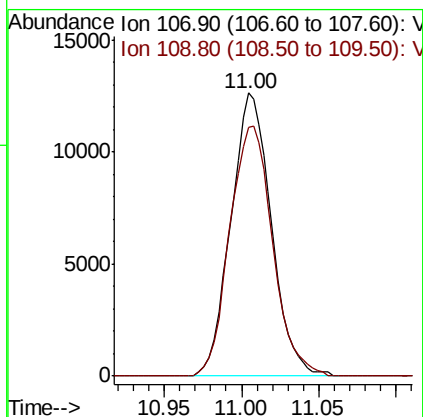
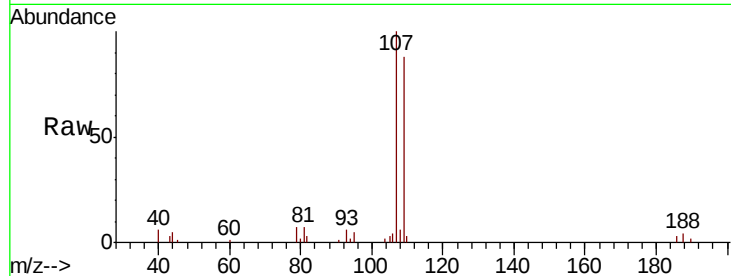




#61
 1,2-Dibromoethane
 Concen: 3.591 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN053923.D
 Acq: 25 Feb 2019 12:10

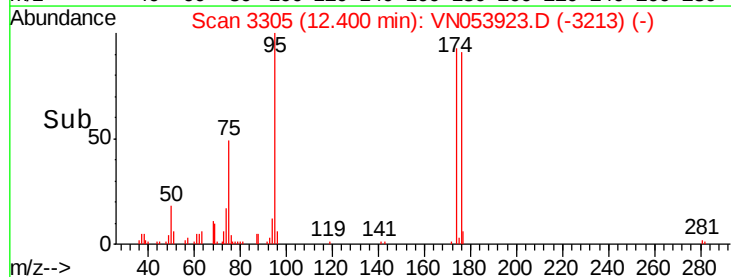
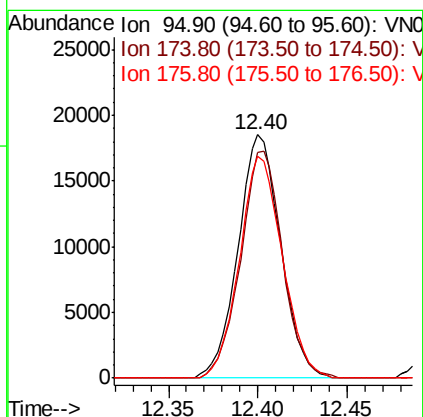
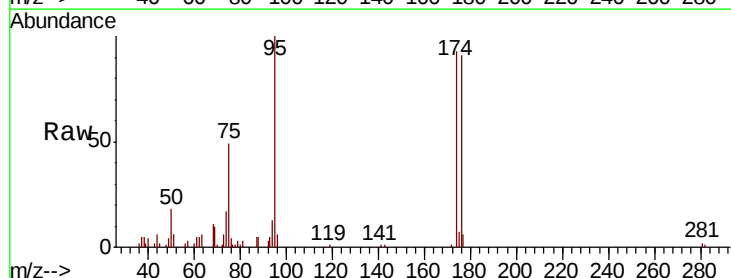
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

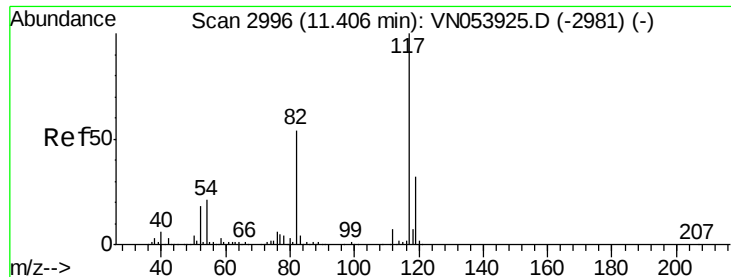
Tgt Ion: 107 Resp: 22902
 Ion Ratio Lower Upper
 107 100
 109 93.8 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 3.663 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN053923.D
 Acq: 25 Feb 2019 12:10

Tgt Ion: 95 Resp: 30924
 Ion Ratio Lower Upper
 95 100
 174 91.7 0.0 188.8
 176 91.7 0.0 182.6

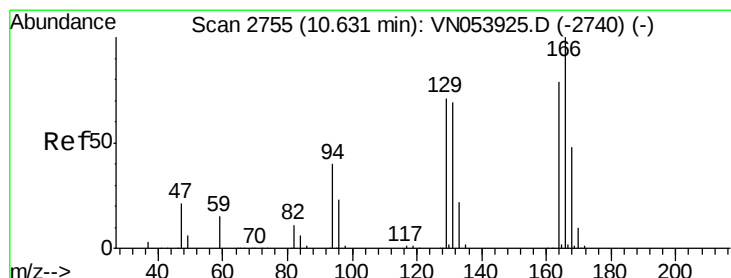
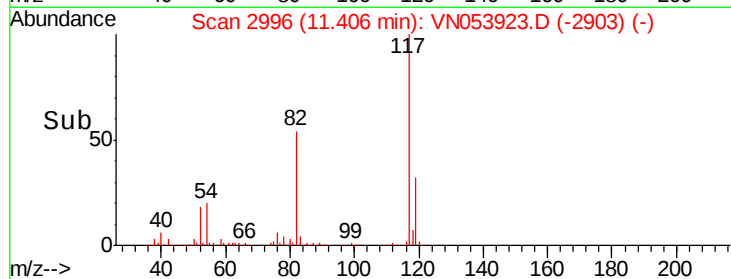
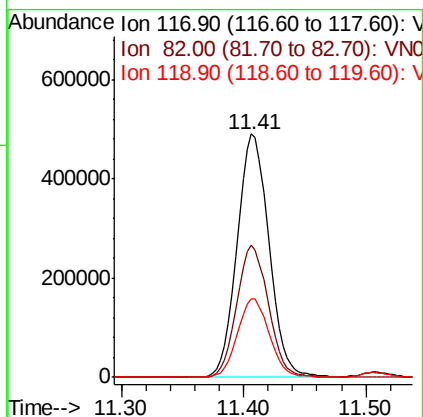
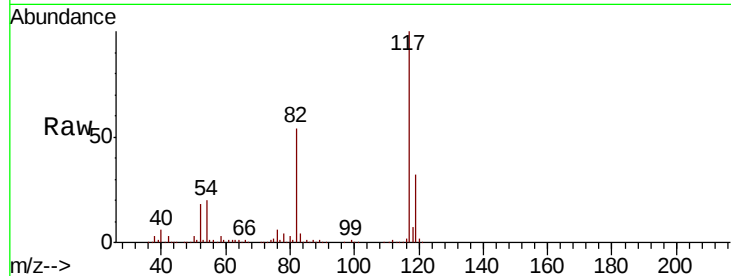




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

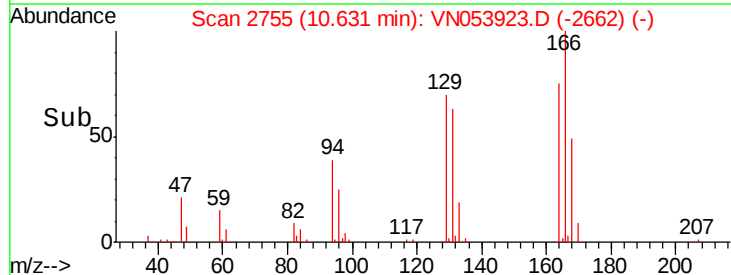
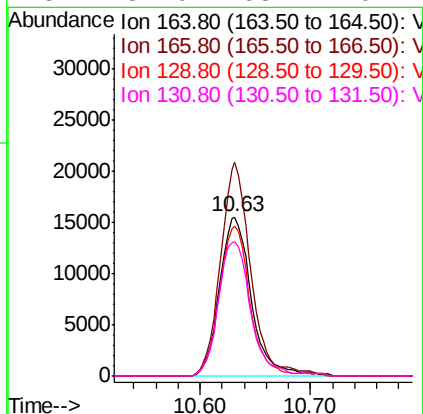
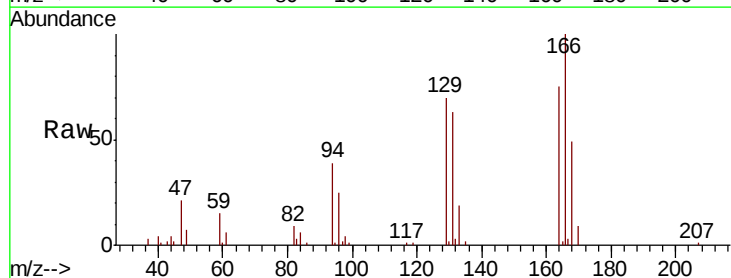
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 885793
Ion Ratio Lower Upper
117 100
82 54.3 41.4 62.2
119 32.5 25.3 37.9



#64
Tetrachloroethene
Concen: 4.160 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

Tgt Ion:164 Resp: 31203
Ion Ratio Lower Upper
164 100
166 134.0 102.6 153.8
129 94.3 69.4 104.0
131 84.0 68.1 102.1

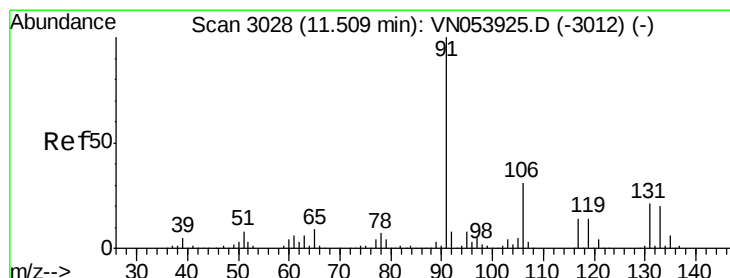
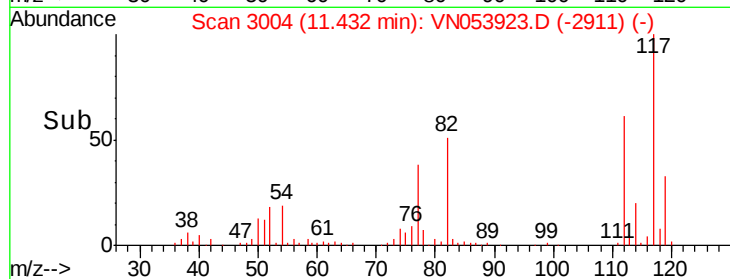
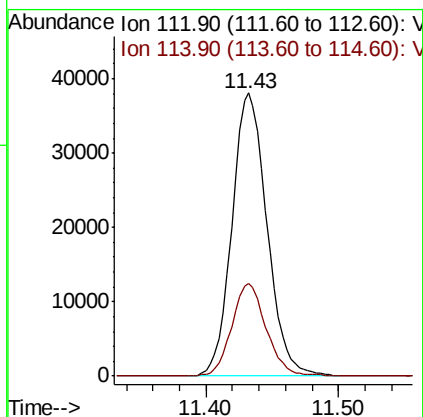
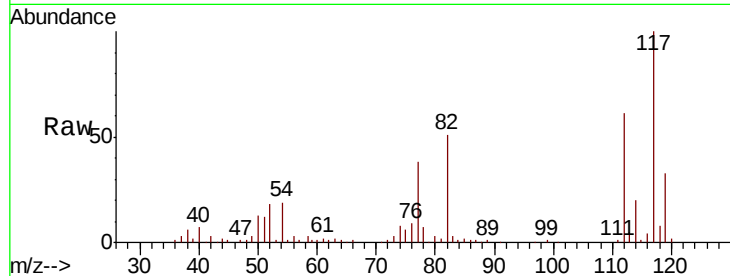




#65
Chlorobenzene
Concen: 3.733 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

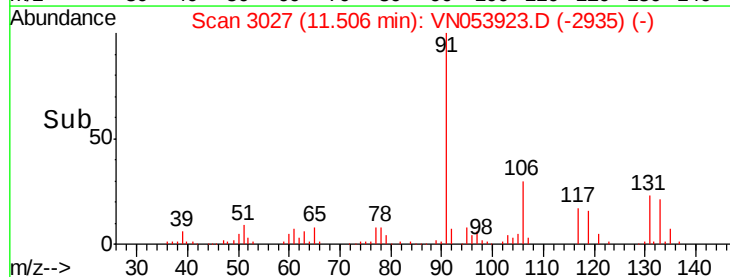
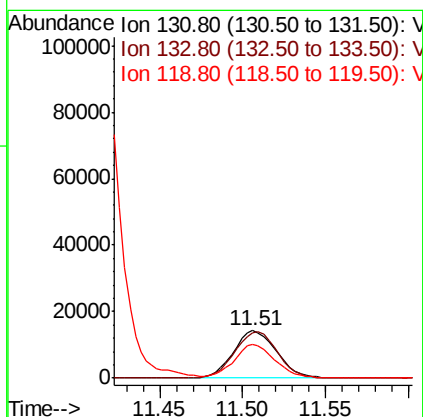
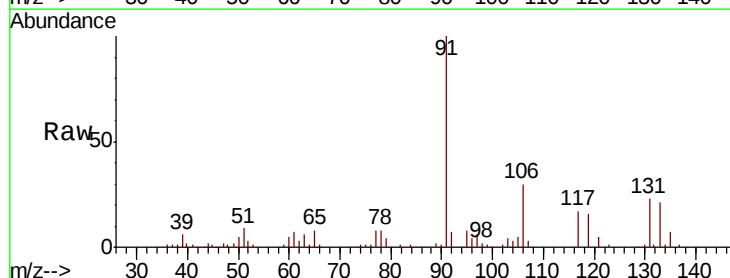
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

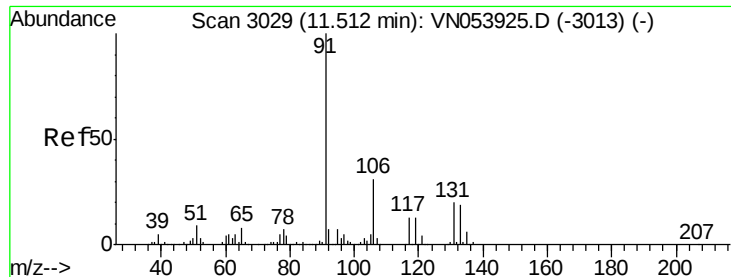
Tgt Ion:112 Resp: 69784
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 3.858 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

Tgt Ion:131 Resp: 25995
Ion Ratio Lower Upper
131 100
133 96.2 47.7 143.1
119 67.2 33.1 99.3

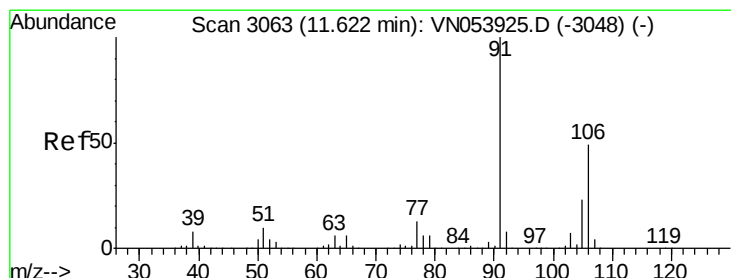
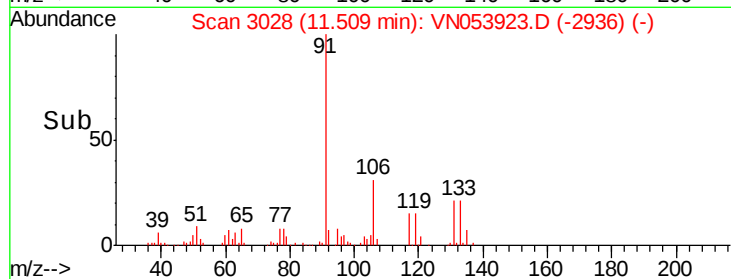
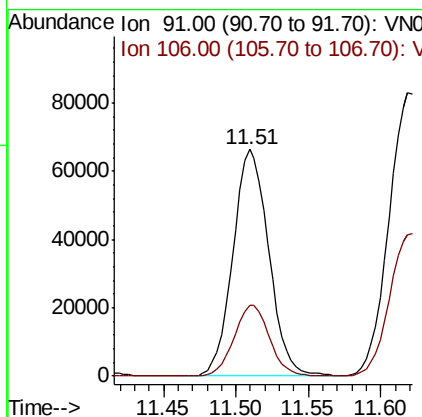
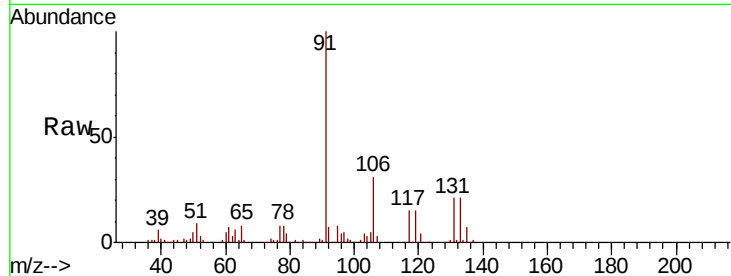




#67
Ethyl Benzene
Concen: 3.641 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

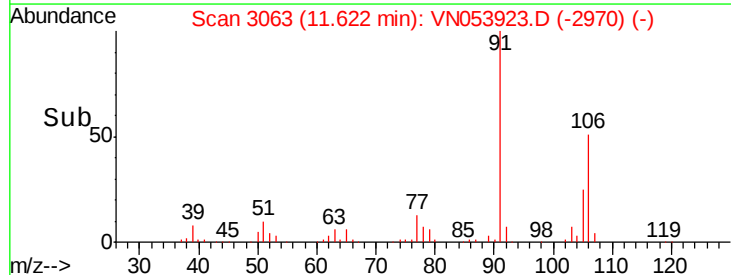
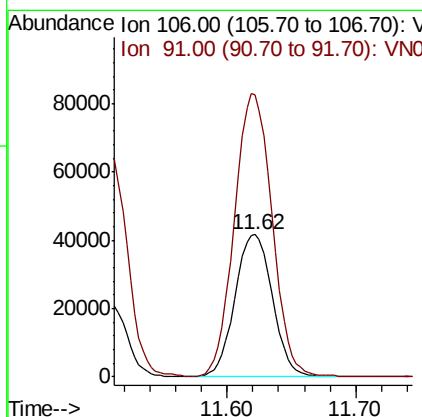
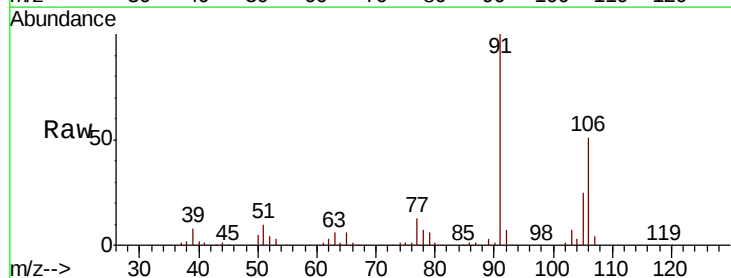
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

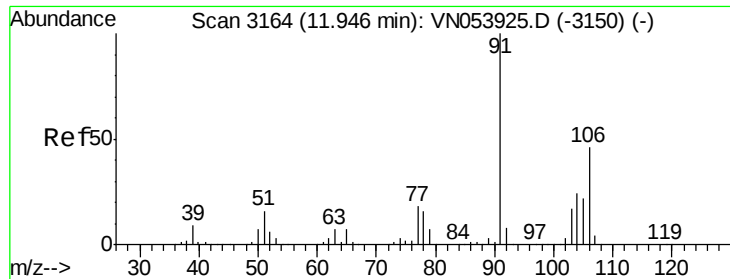
Tgt Ion: 91 Resp: 114117
Ion Ratio Lower Upper
91 100
106 31.2 25.2 37.8



#68
m/p-Xylenes
Concen: 7.128 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

Tgt Ion: 106 Resp: 84308
Ion Ratio Lower Upper
106 100
91 200.7 158.9 238.3

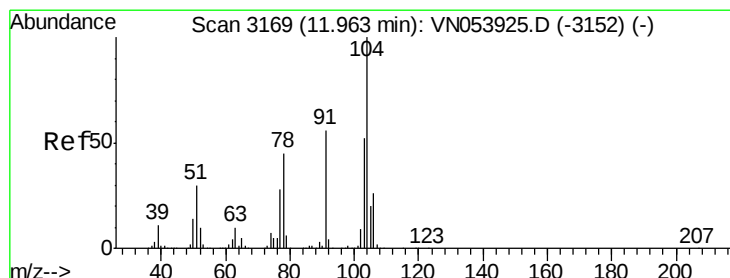
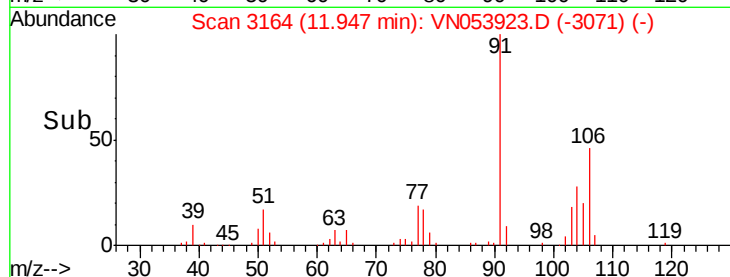
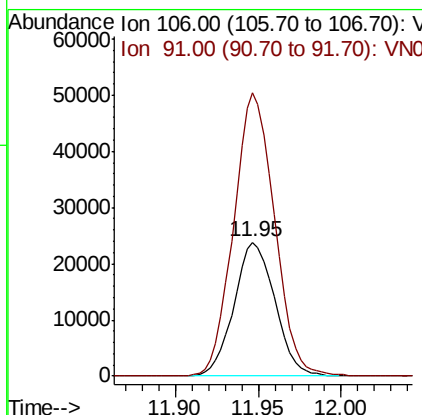
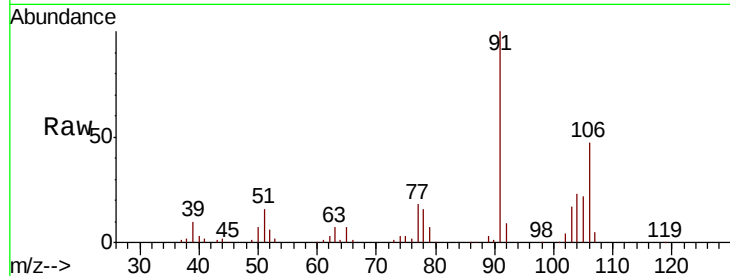




#69
o-Xylene
Concen: 3.518 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

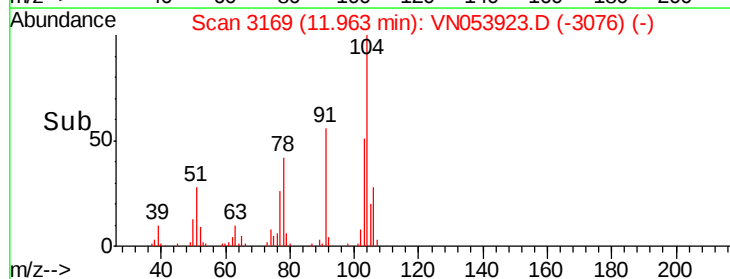
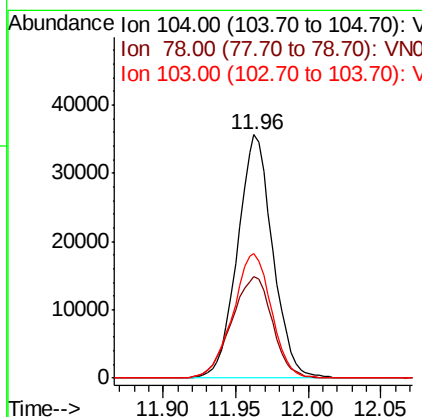
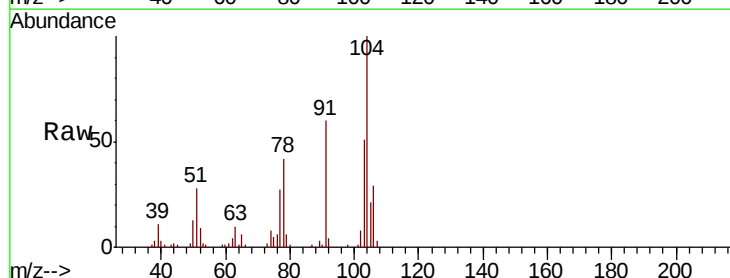
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

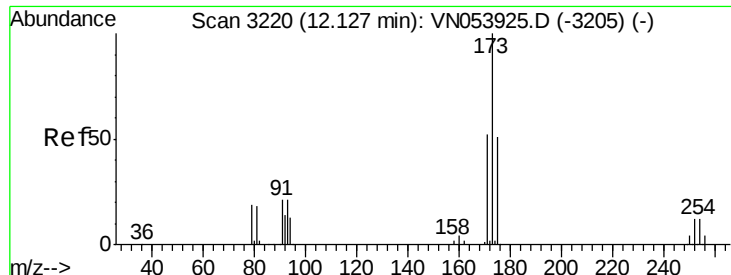
Tgt Ion:106 Resp: 40882
Ion Ratio Lower Upper
106 100
91 211.7 106.0 318.0



#70
Styrene
Concen: 3.360 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

Tgt Ion:104 Resp: 60066
Ion Ratio Lower Upper
104 100
78 48.3 38.1 57.1
103 56.0 44.6 67.0

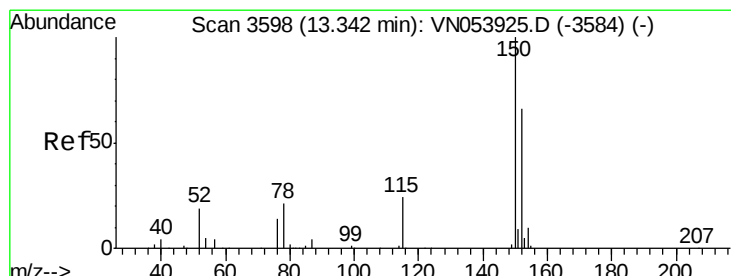
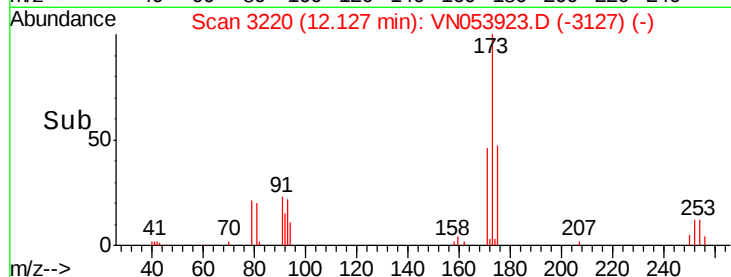
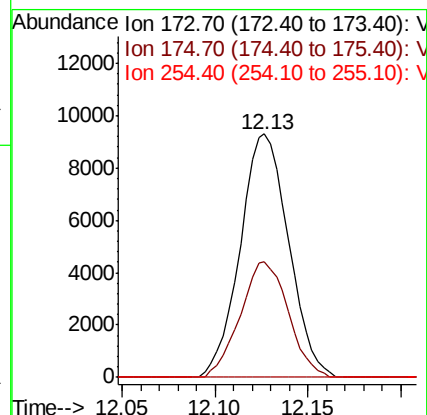
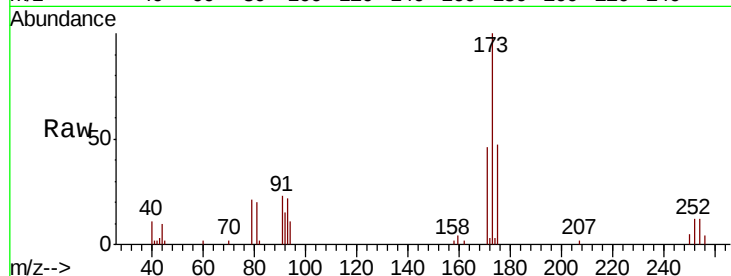




#71
Bromoform
Concen: 3.598 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

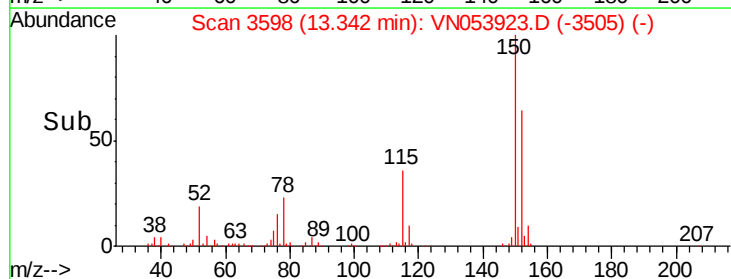
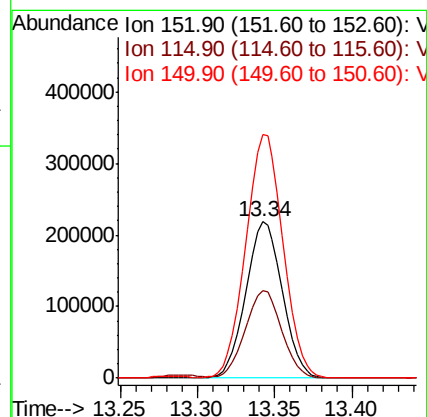
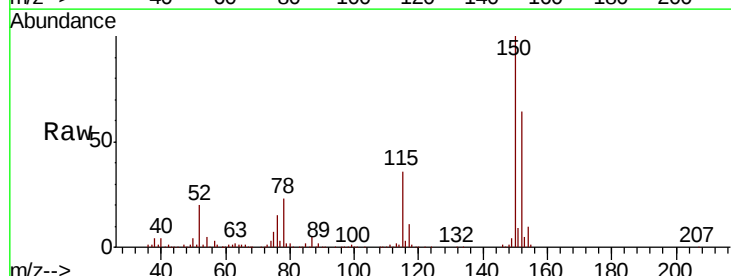
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

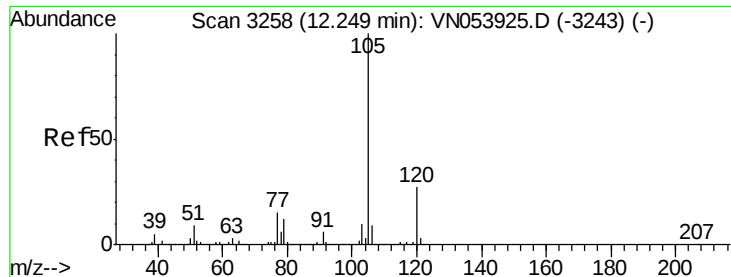
Tgt Ion:173 Resp: 16865
Ion Ratio Lower Upper
173 100
175 46.9 24.3 72.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN053923.D
Acq: 25 Feb 2019 12:10

Tgt Ion:152 Resp: 359034
Ion Ratio Lower Upper
152 100
115 56.2 27.2 81.6
150 159.3 0.0 348.2





#73

Isopropylbenzene

Concen: 3.771 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

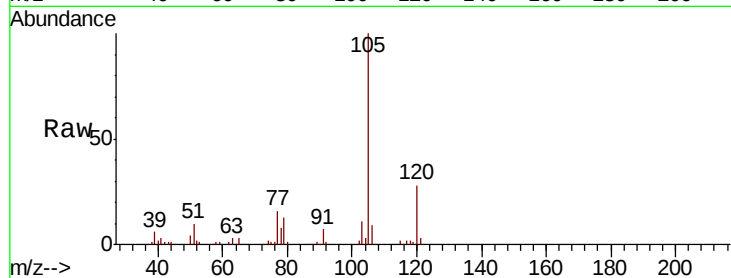
VSTDIC005

Tgt Ion: 105 Resp: 105387

Ion Ratio Lower Upper

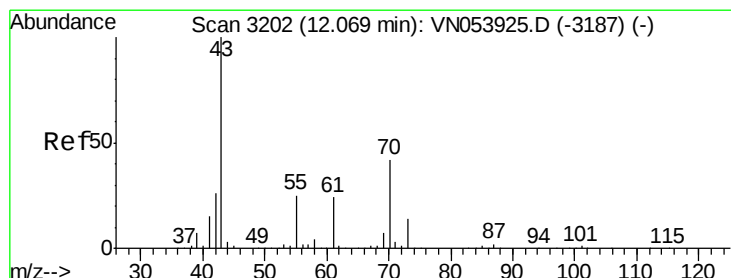
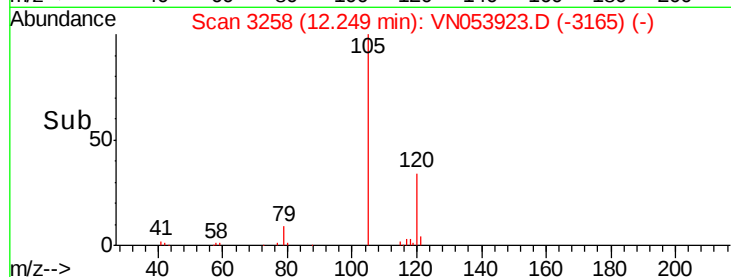
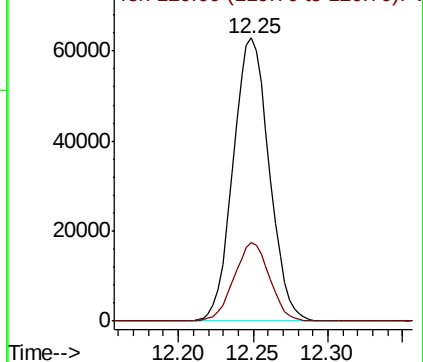
105 100

120 27.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 3.291 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

Tgt Ion: 43 Resp: 24108

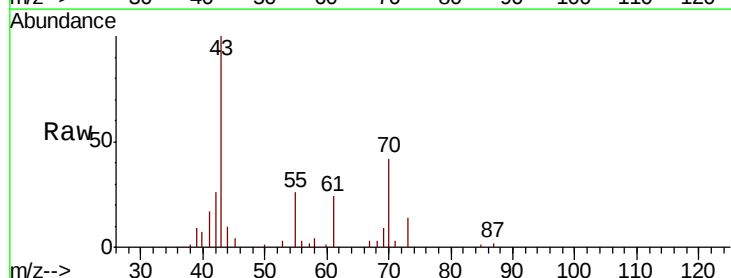
Ion Ratio Lower Upper

43 100

70 40.5 37.4 56.2

55 25.7 21.4 32.0

61 25.7 20.9 31.3

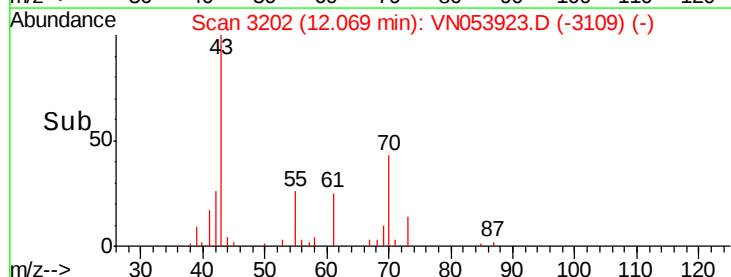
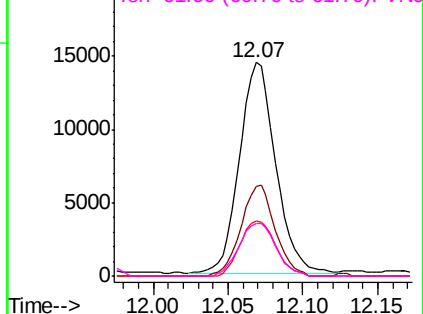


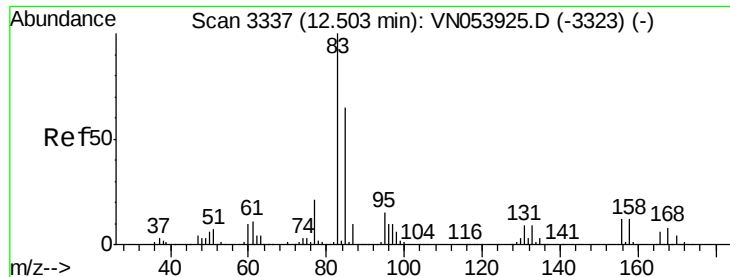
Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 70.00 (69.70 to 70.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 61.00 (60.70 to 61.70): VN





#75

1,1,2,2-Tetrachloroethane

Concen: 3.776 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

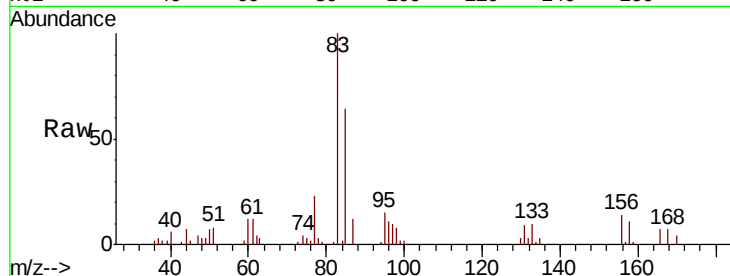
Tgt Ion: 83 Resp: 26391

Ion Ratio Lower Upper

83 100

131 10.1 5.3 16.1

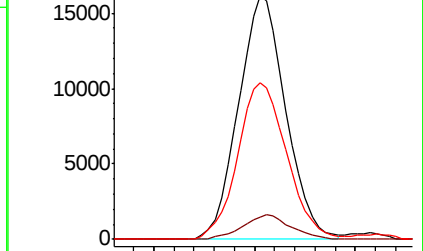
85 66.6 31.9 95.9



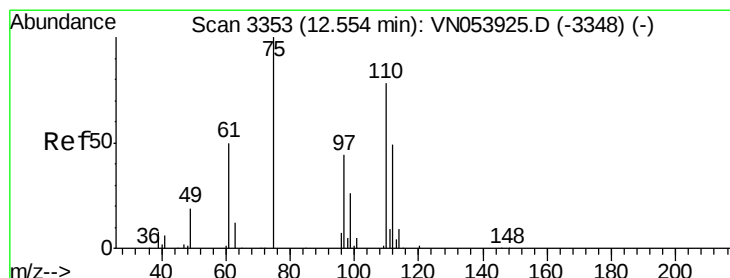
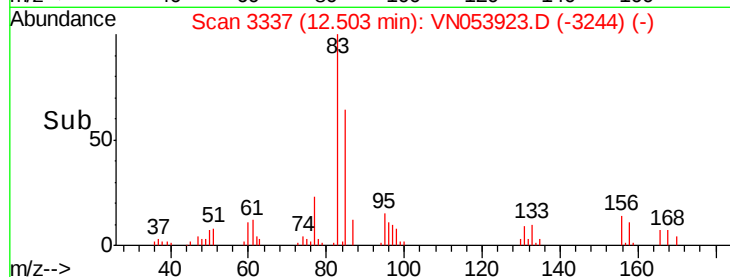
Abundance Ion 82.90 (82.60 to 83.60): VN053923.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN053923.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN053923.D (-3323) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 5.363 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053923.D

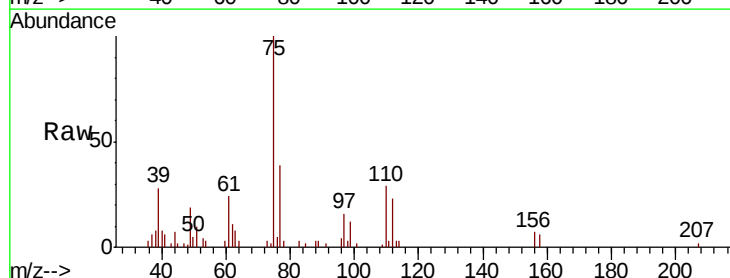
Acq: 25 Feb 2019 12:10

Tgt Ion: 75 Resp: 30891

Ion Ratio Lower Upper

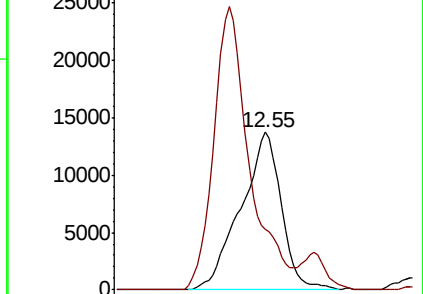
75 100

77 0.0 0.0 0.0

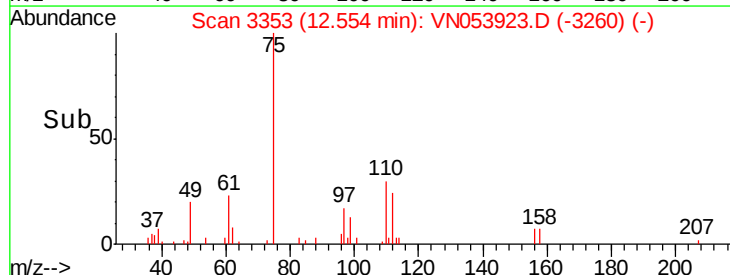


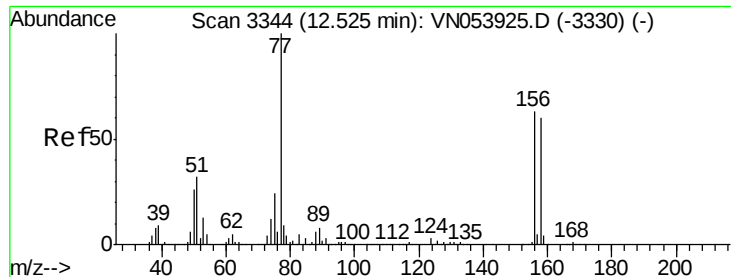
Abundance Ion 74.90 (74.60 to 75.60): VN053923.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN053923.D (-3348) (-)



Time-->





#77

Bromobenzene

Concen: 3.882 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

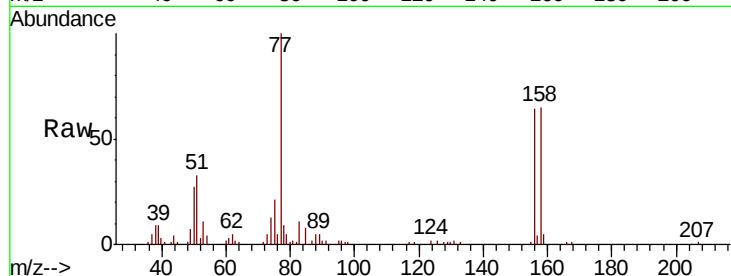
Tgt Ion:156 Resp: 27547

Ion Ratio Lower Upper

156 100

77 176.3 84.0 252.2

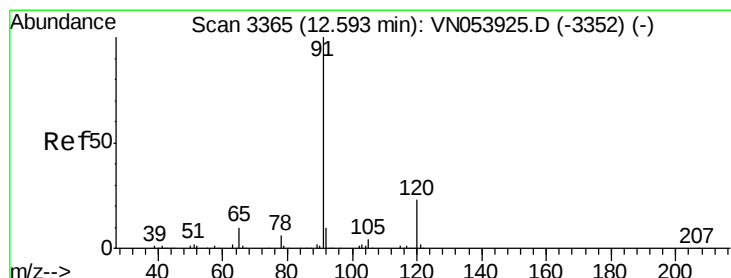
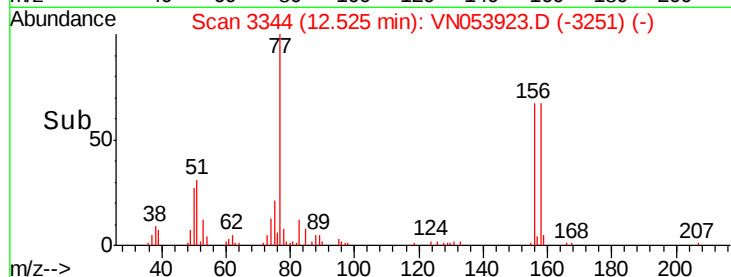
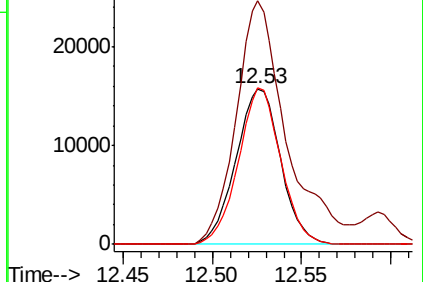
158 95.4 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 3.669 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053923.D

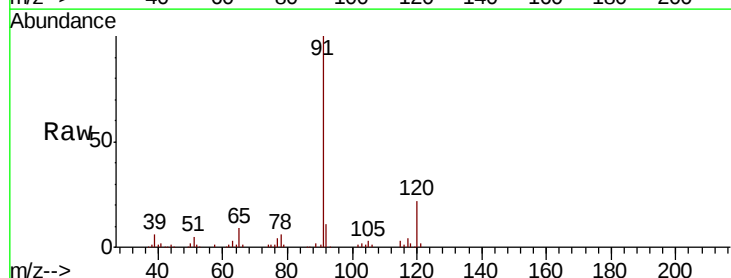
Acq: 25 Feb 2019 12:10

Tgt Ion: 91 Resp: 116623

Ion Ratio Lower Upper

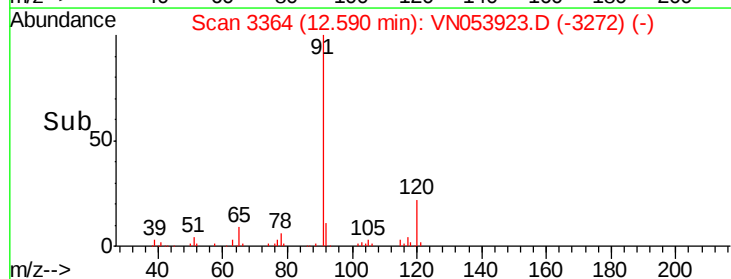
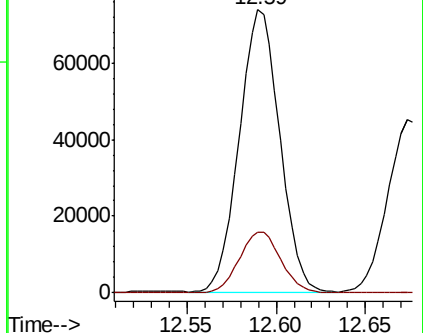
91 100

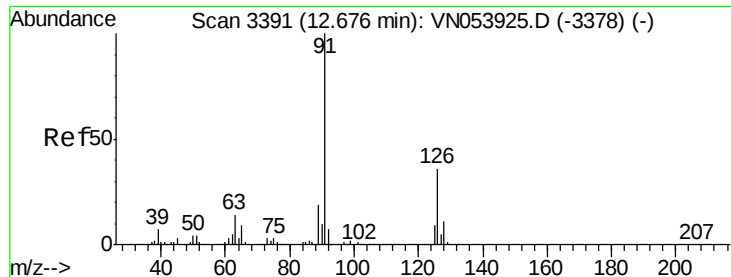
120 22.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 3.855 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

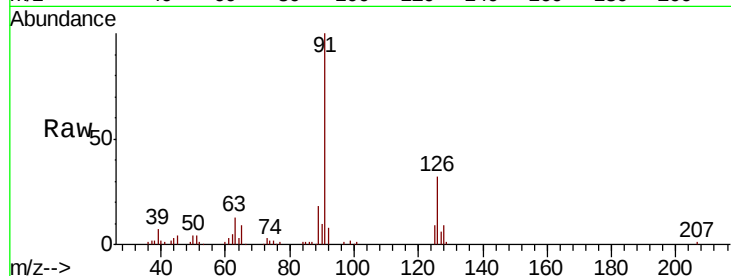
VSTDIC005

Tgt Ion: 91 Resp: 73612

Ion Ratio Lower Upper

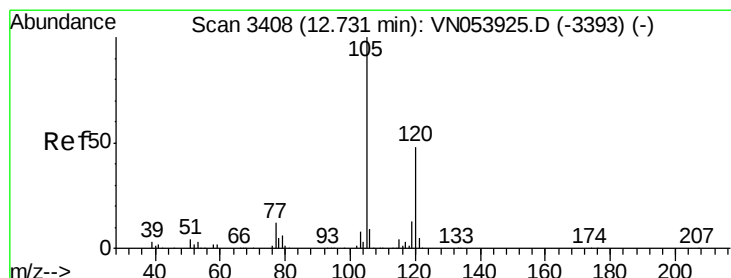
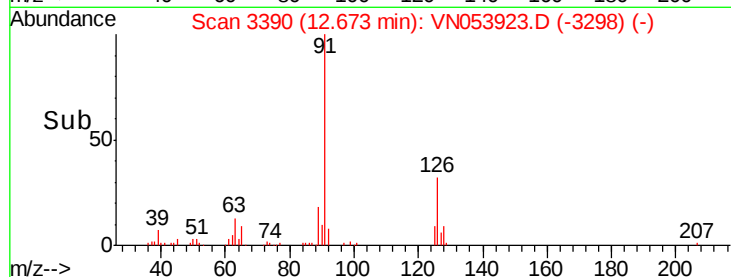
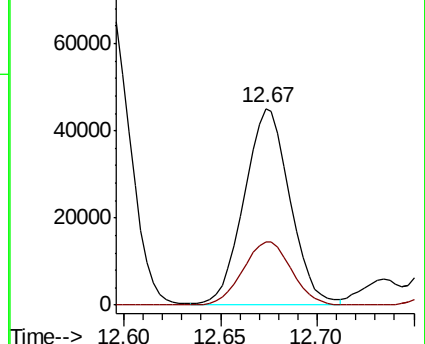
91 100

126 34.4 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN053923.D (-3390) (-)

Ion 125.90 (125.60 to 126.60): VN053923.D (-3390) (-)



#80

1,3,5-Trimethylbenzene

Concen: 3.606 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053923.D

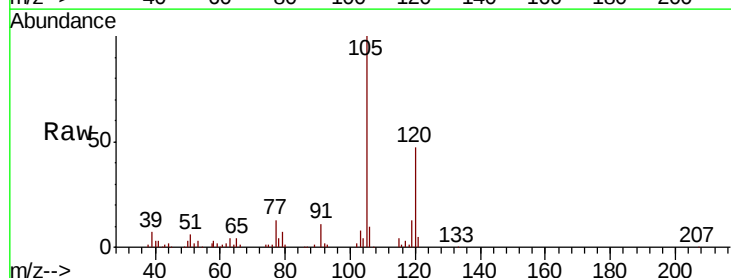
Acq: 25 Feb 2019 12:10

Tgt Ion: 105 Resp: 82496

Ion Ratio Lower Upper

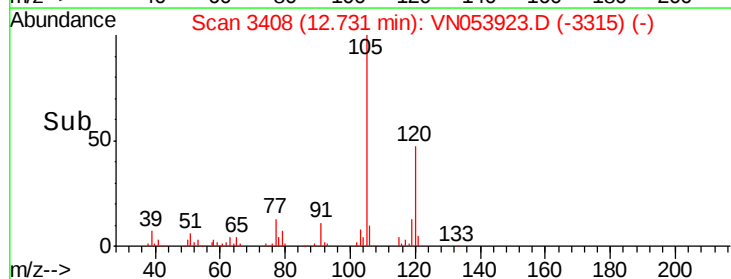
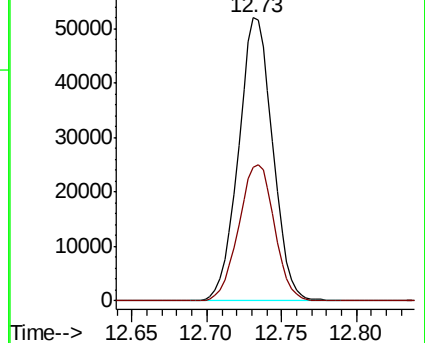
105 100

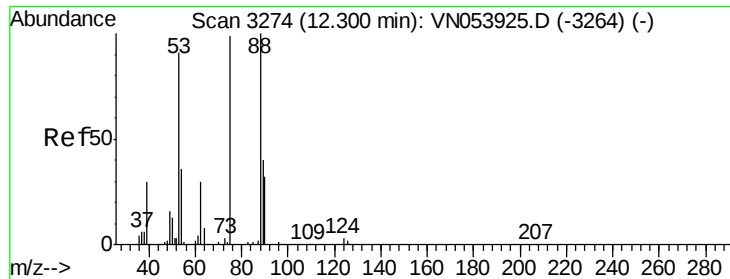
120 50.2 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN053923.D (-3408) (-)

Ion 120.00 (119.70 to 120.70): VN053923.D (-3408) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 3.418 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

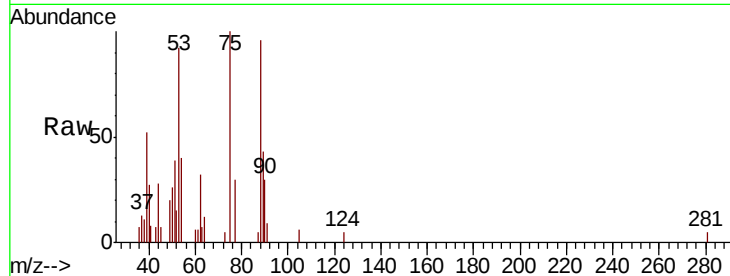
Tgt Ion: 75 Resp: 6228

Ion Ratio Lower Upper

75 100

53 98.2 68.6 102.8

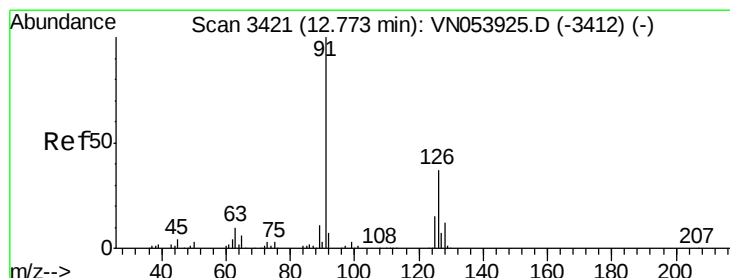
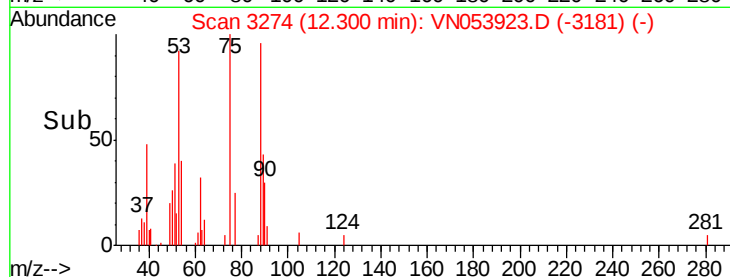
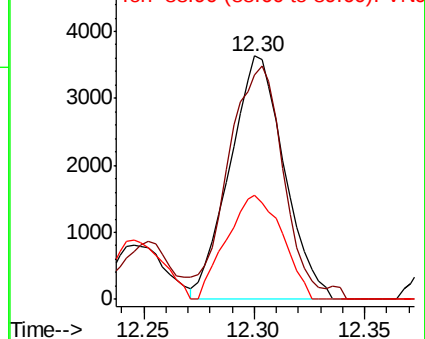
89 43.6 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VN053923.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN053923.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN053923.D (-3264) (-)



#82

4-Chlorotoluene

Concen: 3.638 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053923.D

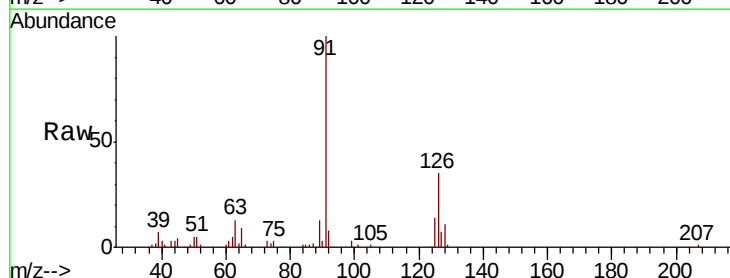
Acq: 25 Feb 2019 12:10

Tgt Ion: 91 Resp: 68654

Ion Ratio Lower Upper

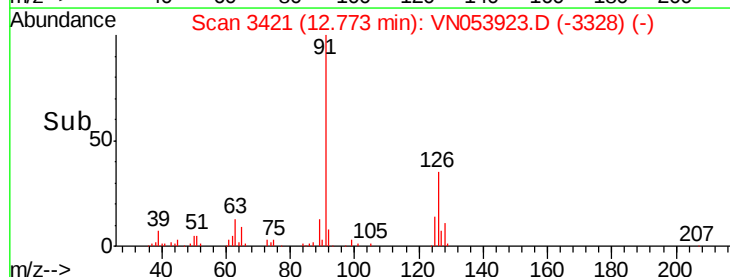
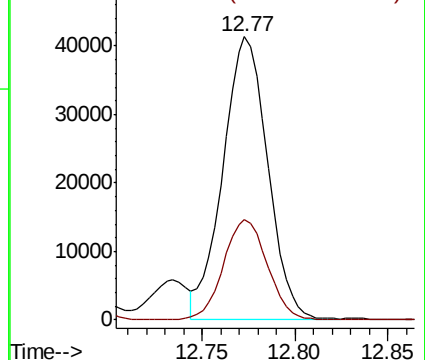
91 100

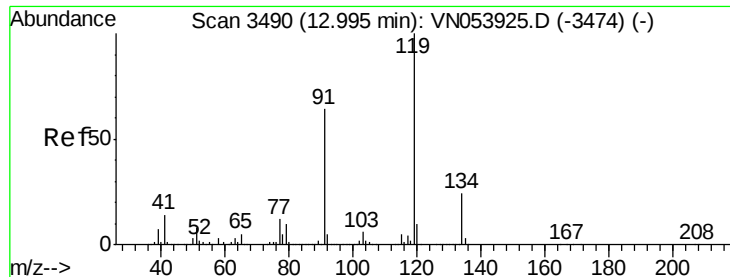
126 34.9 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VN053923.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN053923.D (-3412) (-)

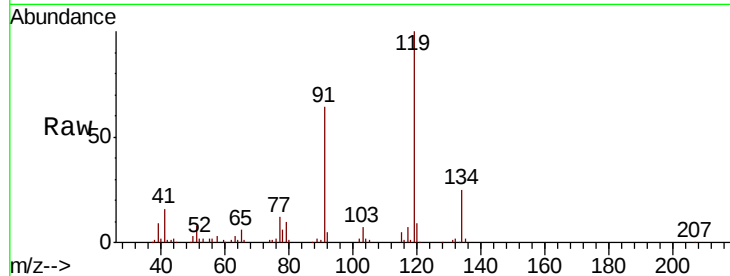




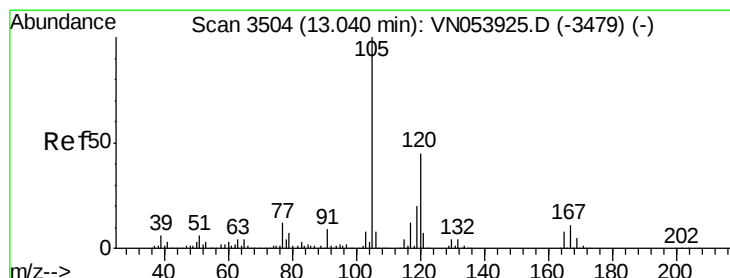
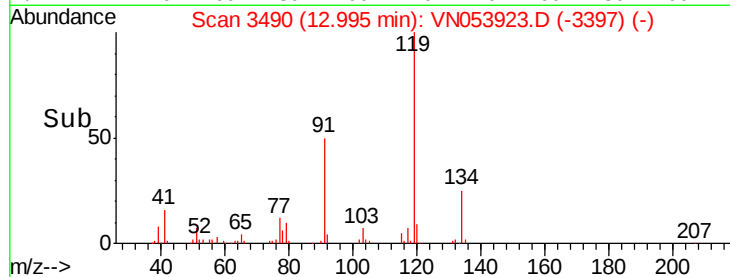
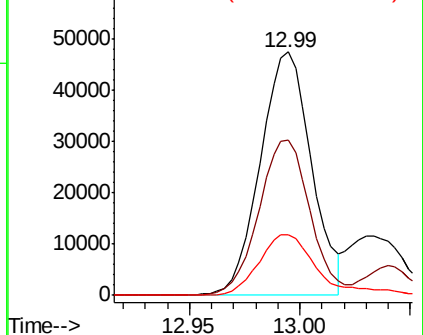
#83
 tert-Butylbenzene
 Concen: 3.765 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053923.D
 Acq: 25 Feb 2019 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:119 Resp: 76189
 Ion Ratio Lower Upper
 119 100
 91 64.3 30.6 91.8
 134 28.6 13.0 39.0

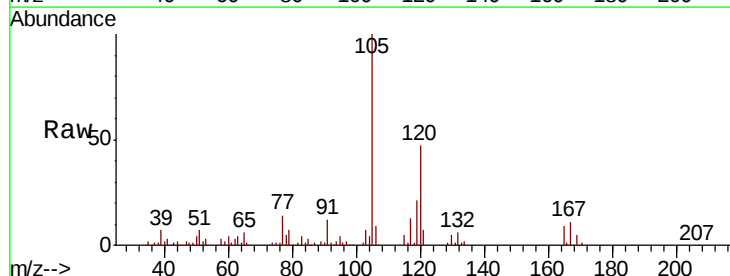


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

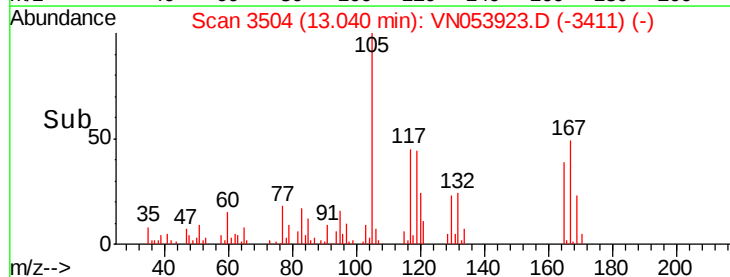
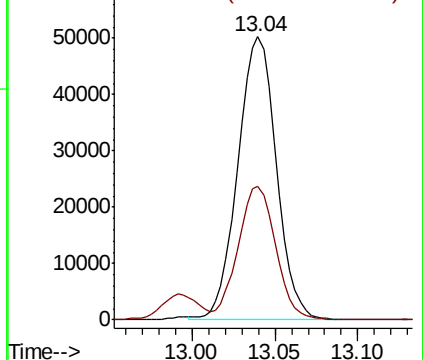


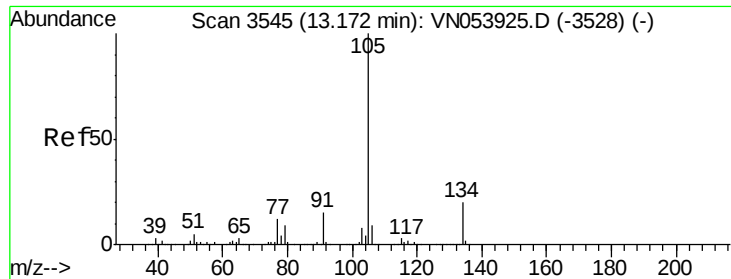
#84
 1,2,4-Trimethylbenzene
 Concen: 3.567 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053923.D
 Acq: 25 Feb 2019 12:10

Tgt Ion:105 Resp: 81489
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.2 69.5



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

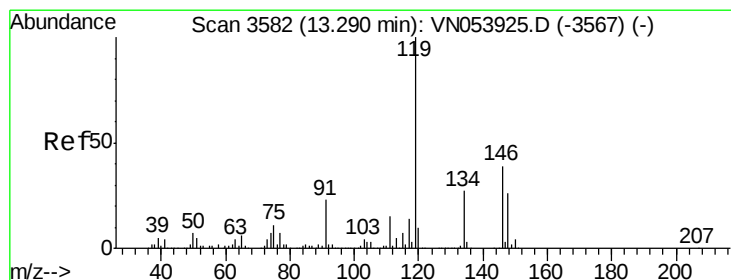
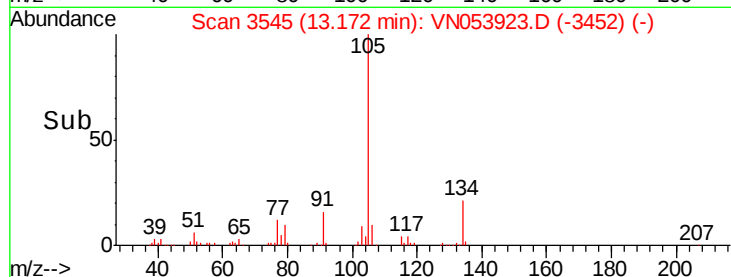
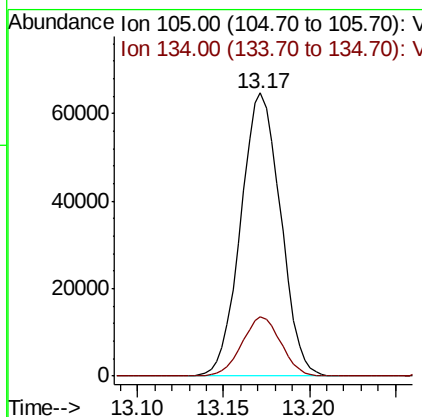
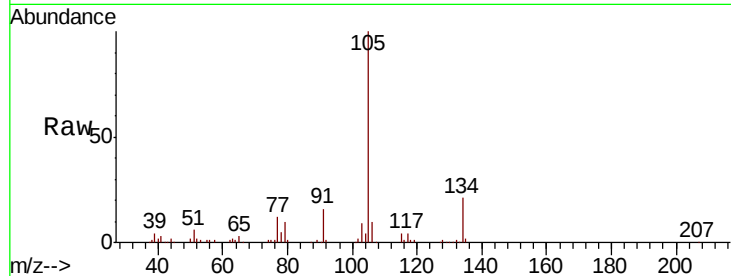




#85
 sec-Butylbenzene
 Concen: 3.758 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN053923.D
 Acq: 25 Feb 2019 12:10

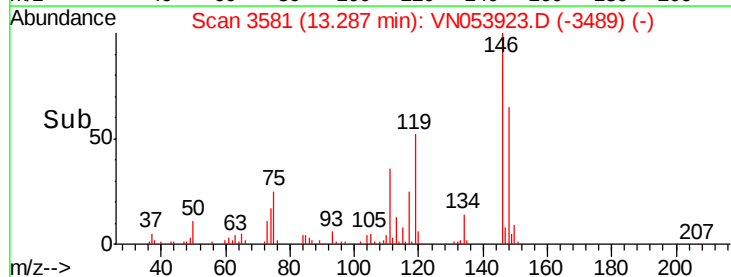
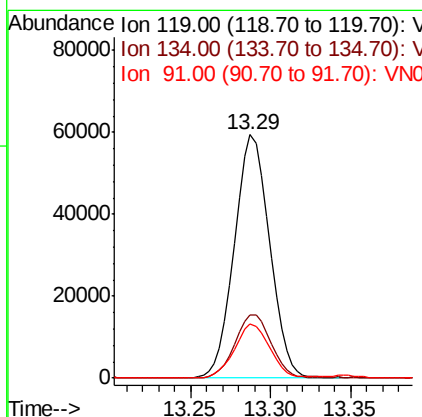
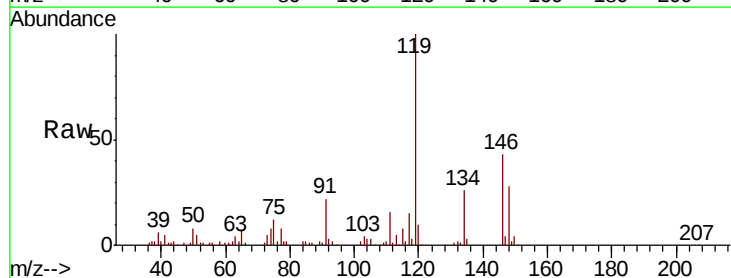
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

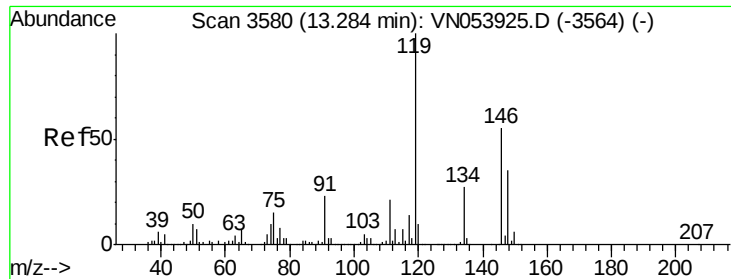
Tgt Ion:105 Resp: 103870
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 3.817 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN053923.D
 Acq: 25 Feb 2019 12:10

Tgt Ion:119 Resp: 89178
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.4
 91 22.2 10.9 32.6

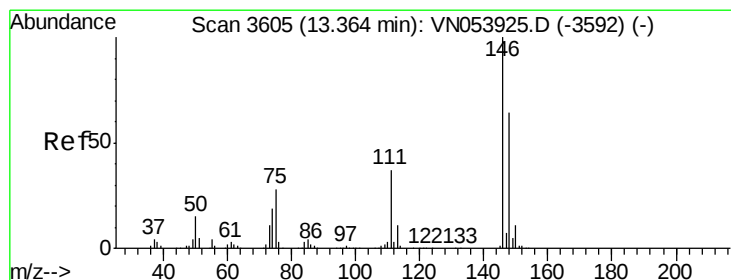
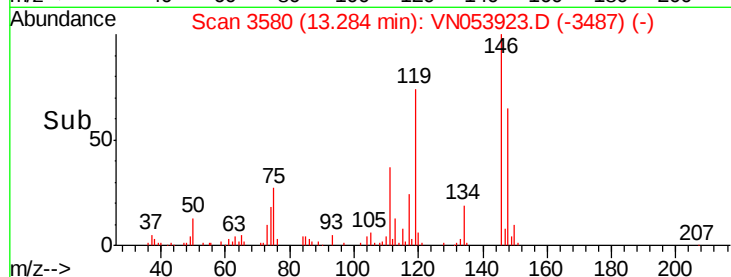
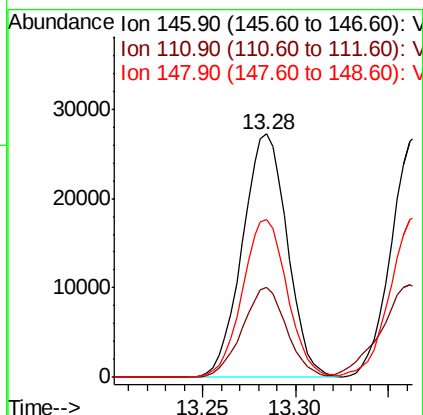
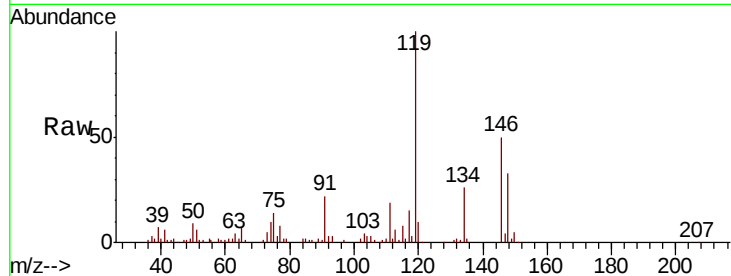




#87
 1,3-Dichlorobenzene
 Concen: 3.736 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN053923.D
 Acq: 25 Feb 2019 12:10

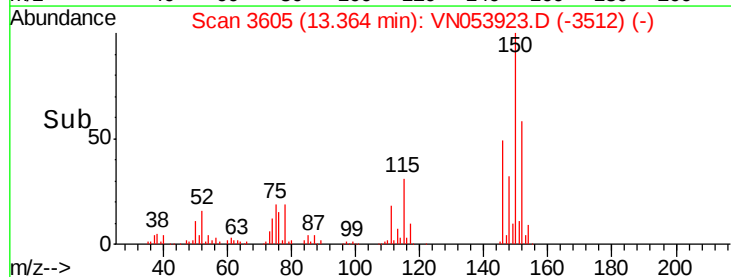
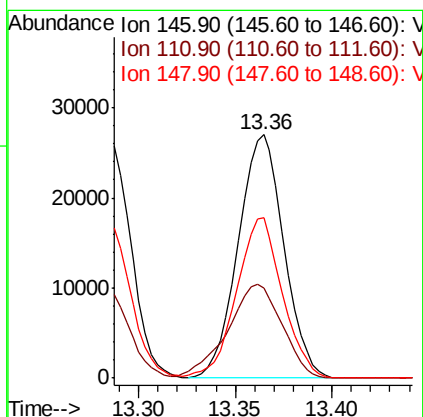
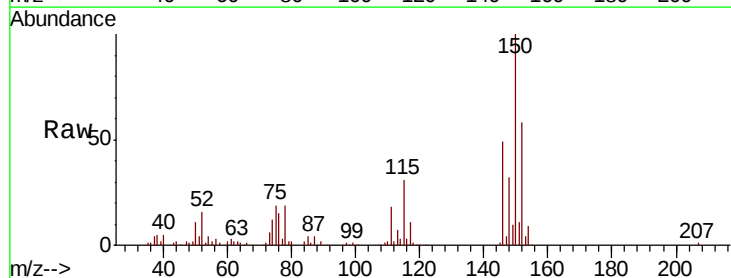
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

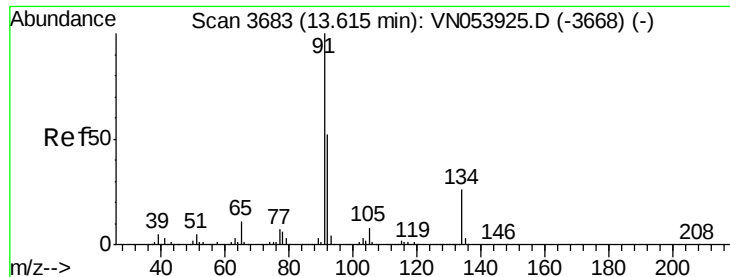
Tgt Ion:146 Resp: 45865
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.7 56.1
 148 64.9 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 3.729 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053923.D
 Acq: 25 Feb 2019 12:10

Tgt Ion:146 Resp: 44405
 Ion Ratio Lower Upper
 146 100
 111 45.9 18.0 54.0
 148 66.0 32.1 96.5





#89

n-Butylbenzene

Concen: 3.574 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

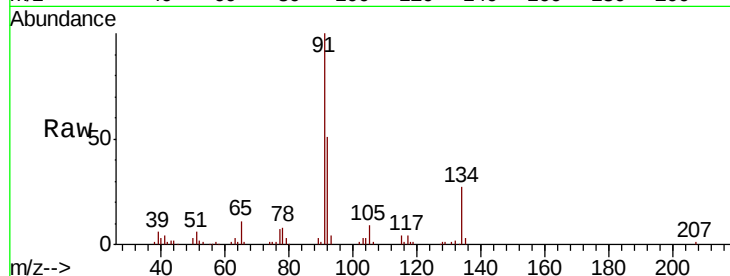
Tgt Ion: 91 Resp: 70387

Ion Ratio Lower Upper

91 100

92 50.1 26.1 78.2

134 25.8 13.6 40.8

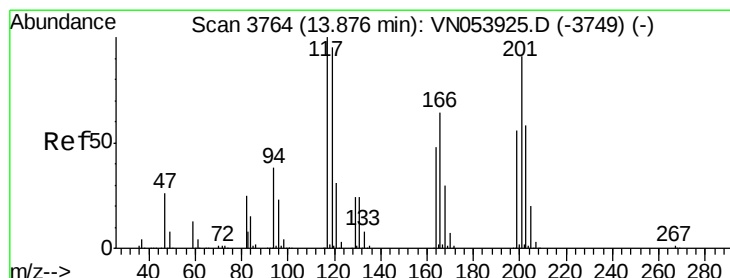
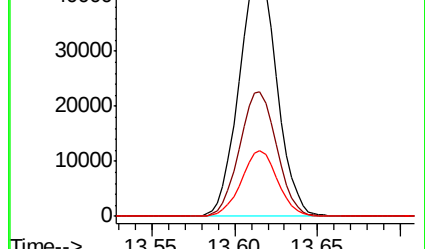
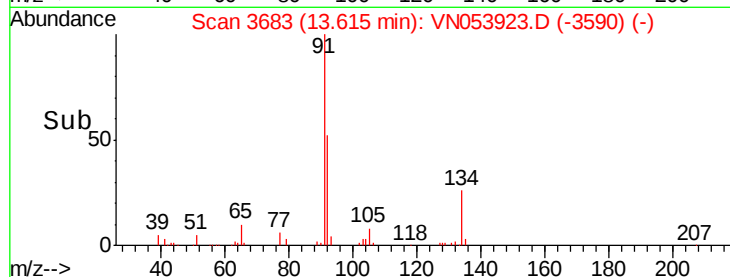


Abundance Ion 91.00 (90.70 to 91.70): VN053923.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN053923.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN053923.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 3.768 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN053923.D

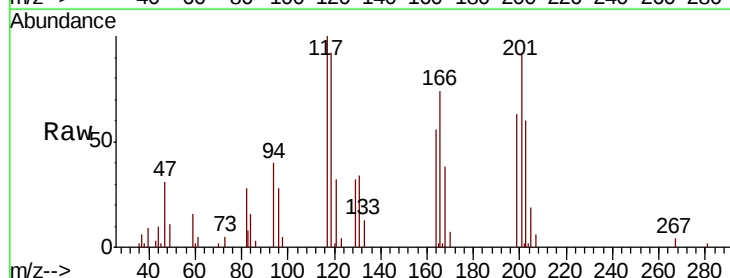
Acq: 25 Feb 2019 12:10

Tgt Ion: 117 Resp: 17059

Ion Ratio Lower Upper

117 100

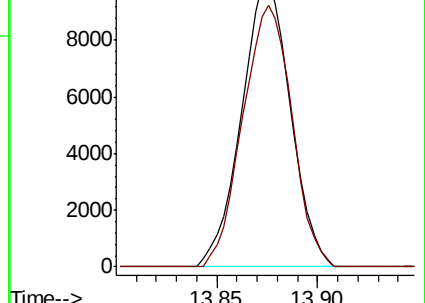
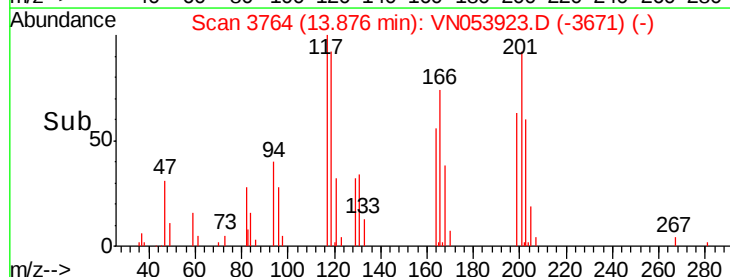
201 92.2 48.0 144.2

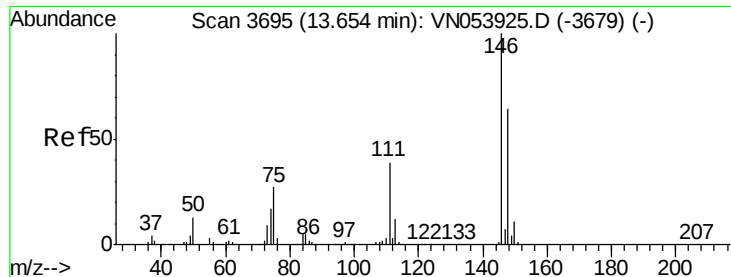


Abundance Ion 116.80 (116.50 to 117.50): VN053923.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN053923.D (-3749) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 3.826 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

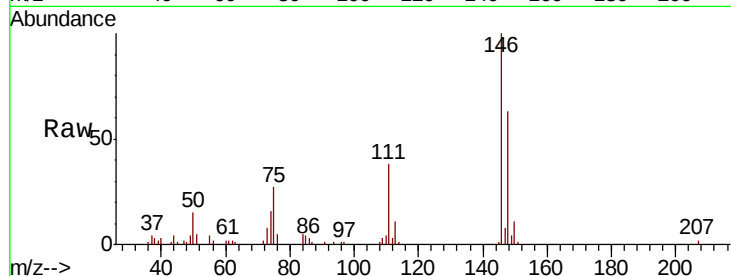
Tgt Ion:146 Resp: 45460

Ion Ratio Lower Upper

146 100

111 37.4 19.1 57.5

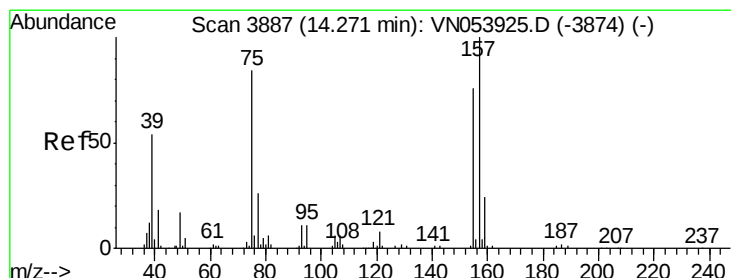
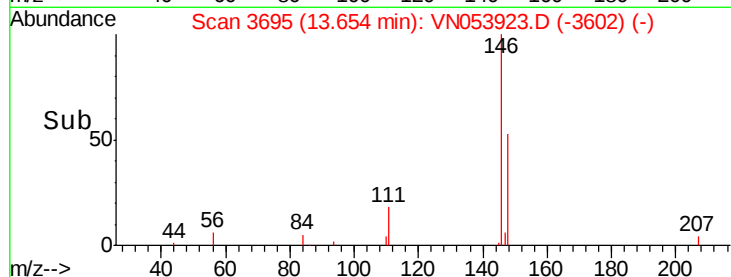
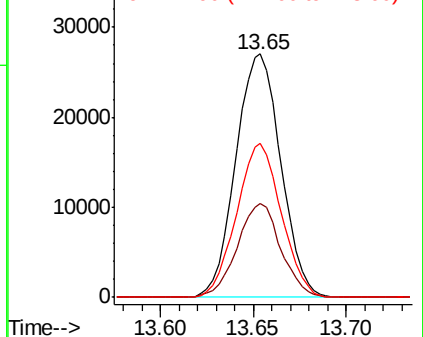
148 62.6 32.1 96.5



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: 3.731 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. -0.01 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

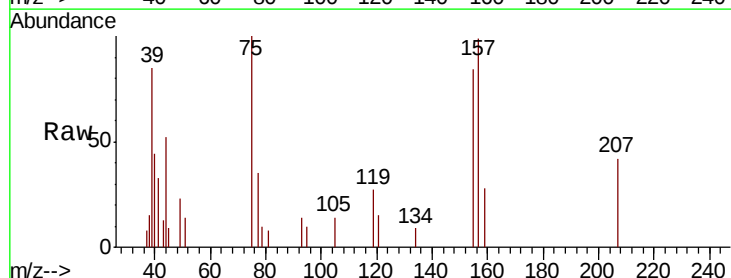
Tgt Ion: 75 Resp: 3685

Ion Ratio Lower Upper

75 100

155 89.7 49.5 148.5

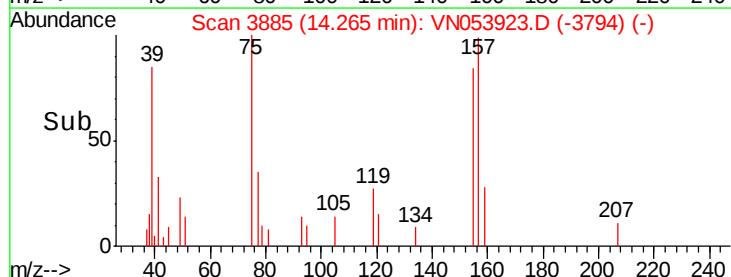
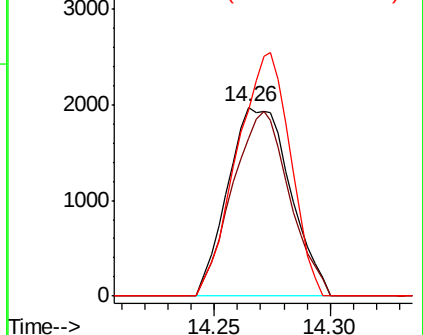
157 110.7 64.8 194.6

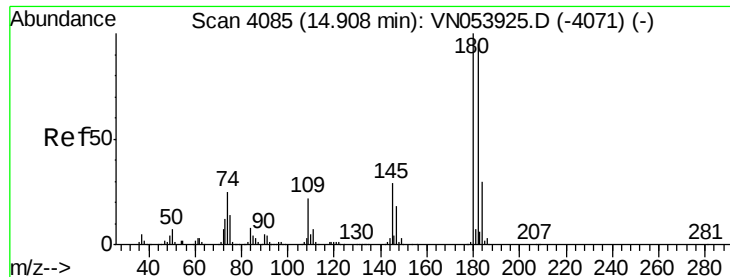


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

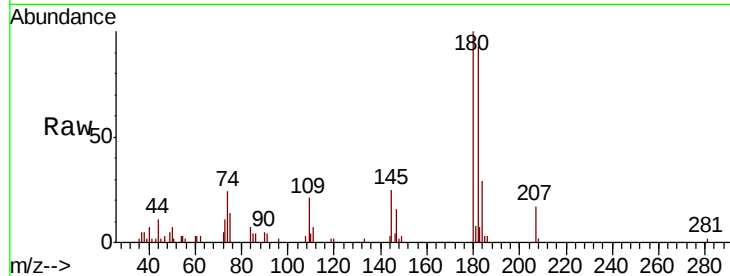




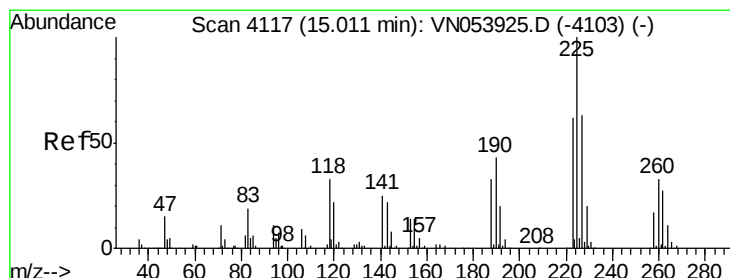
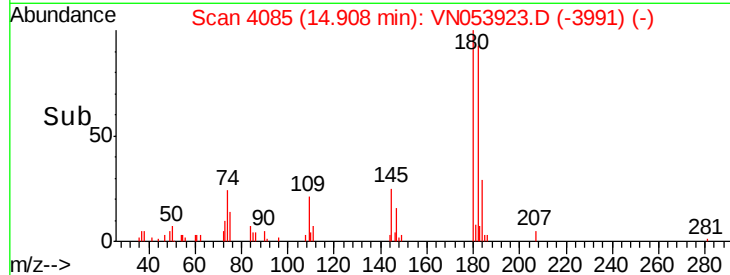
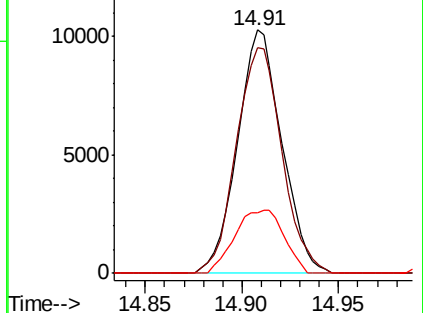
#93
 1,2,4-Trichlorobenzene
 Concen: 4.586 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053923.D
 Acq: 25 Feb 2019 12:10

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tgt Ion:180 Resp: 16319
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.6 145.9
 145 28.8 13.8 41.3

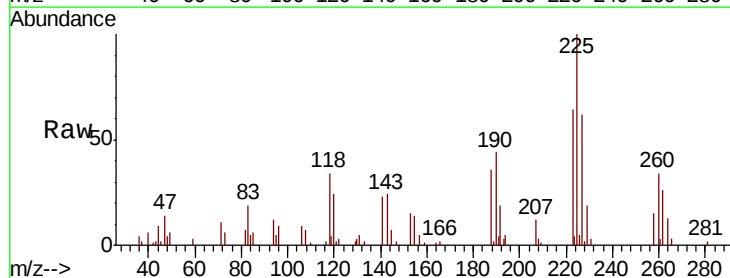


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

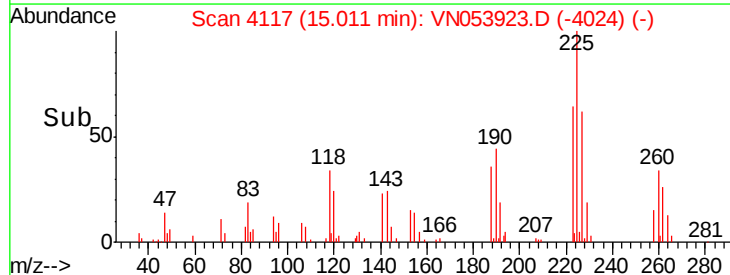
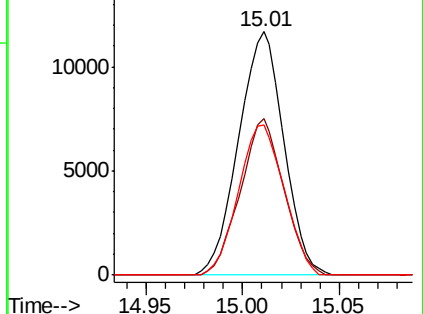


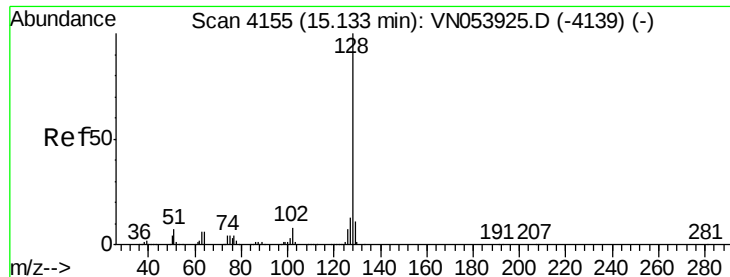
#94
 Hexachlorobutadiene
 Concen: 4.428 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053923.D
 Acq: 25 Feb 2019 12:10

Tgt Ion:225 Resp: 19008
 Ion Ratio Lower Upper
 225 100
 223 62.0 30.9 92.5
 227 62.3 32.5 97.4



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: 4.948 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

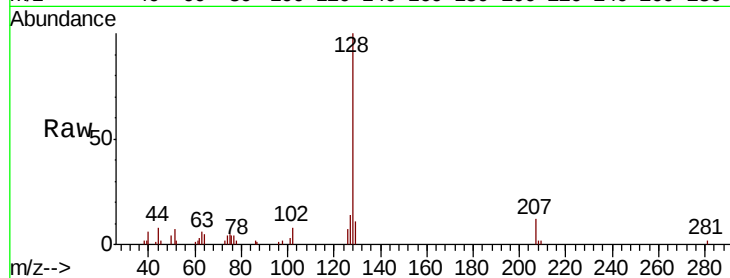
Tgt Ion:128 Resp: 26372

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.2

129 11.3 8.6 12.8

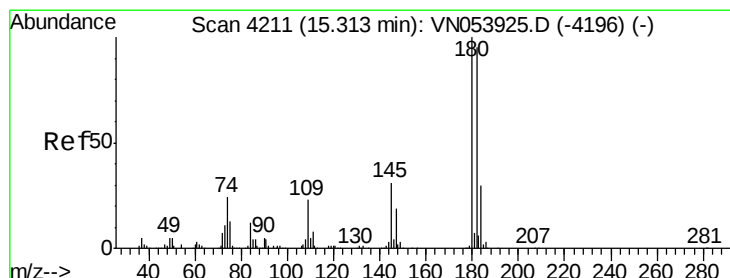
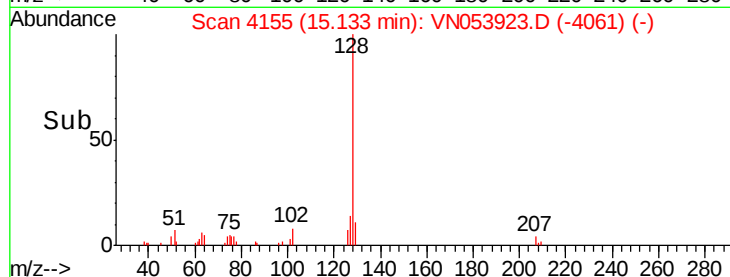
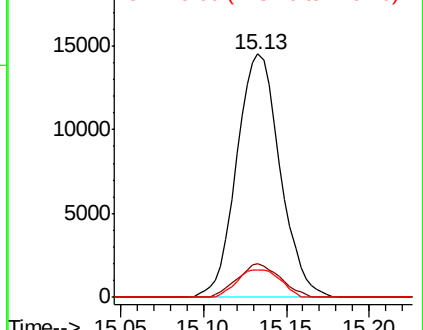


Abundance

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: 4.216 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN053923.D

Acq: 25 Feb 2019 12:10

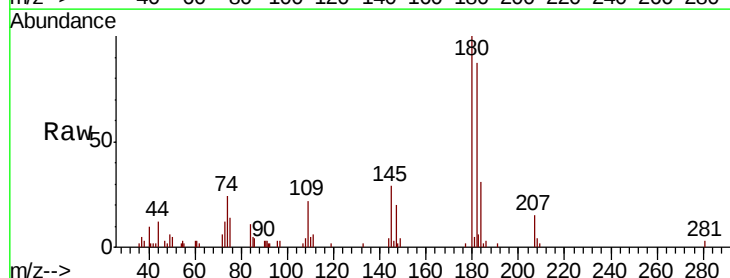
Tgt Ion:180 Resp: 17368

Ion Ratio Lower Upper

180 100

182 90.5 47.3 141.8

145 28.8 14.4 43.0



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

