

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022519\
 Data File : VN053929.D
 Acq On : 25 Feb 2019 14:50
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Feb 26 06:15:24 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	7.67	168	625419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1049862	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	888193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	351591	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	40787	5.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.12%	
35) Dibromofluoromethane	7.59	113	34703	5.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.22%	
50) Toluene-d8	10.09	98	124854	4.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.88%	
62) 4-Bromofluorobenzene	12.40	95	40665	4.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	30529	5.304	ug/l	98
3) Chloromethane	2.06	50	42476	5.320	ug/l	96
4) Vinyl Chloride	2.19	62	43526	5.441	ug/l	97
5) Bromomethane	2.57	94	33291	6.284	ug/l	93
6) Chloroethane	2.71	64	25730	5.172	ug/l	96
7) Trichlorofluoromethane	3.02	101	55319	5.413	ug/l	97
8) Diethyl Ether	3.41	74	19956	5.212	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.76	101	35005	5.423	ug/l	97
10) Methyl Iodide	3.95	142	34950	4.121	ug/l	98
11) Tert butyl alcohol	4.78	59	11959	25.732	ug/l #	90
12) 1,1-Dichloroethene	3.74	96	33103	5.362	ug/l	93
13) Acrolein	3.61	56	16856	35.030	ug/l	99
14) Allyl chloride	4.33	41	52733	4.870	ug/l	91
15) Acrylonitrile	4.99	53	63759	26.029	ug/l	98
16) Acetone	3.82	43	54624	16.806	ug/l	98
17) Carbon Disulfide	4.06	76	108338	5.439	ug/l	100
18) Methyl Acetate	4.33	43	25813	5.035	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	85658	5.172	ug/l	98
20) Methylene Chloride	4.55	84	39477	5.441	ug/l	94
21) trans-1,2-Dichloroethene	5.05	96	36687	5.490	ug/l	98
22) Diisopropyl ether	5.95	45	106221	5.085	ug/l #	86
23) Vinyl Acetate	5.90	43	376909	25.080	ug/l	96
24) 1,1-Dichloroethane	5.85	63	67931	5.303	ug/l	98
25) 2-Butanone	6.84	43	74058	25.727	ug/l	96
26) 2,2-Dichloropropane	6.82	77	48010	5.275	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	40200	5.409	ug/l	93
28) Bromochloromethane	7.19	49	30981	5.283	ug/l	86
29) Tetrahydrofuran	7.22	42	49557	25.852	ug/l	92
30) Chloroform	7.37	83	64995	5.232	ug/l	99
31) Cyclohexane	7.65	56	69112	5.531	ug/l #	90
32) 1,1,1-Trichloroethane	7.57	97	53097	5.184	ug/l	96
36) 1,1-Dichloropropene	7.79	75	49374	5.057	ug/l	97
37) Ethyl Acetate	6.93	43	33520	4.808	ug/l	97
38) Carbon Tetrachloride	7.77	117	50243	4.948	ug/l	95

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 ALS Vial : 9 Sample Multiplier: 1

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 ClientSampleID :
 VSTDIC005

Quant Time: Feb 26 06:15:24 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)
39) Methylcyclohexane	9.08	83	57115	4.854	ug/l	95
40) Benzene	8.04	78	147947	4.933	ug/l	98
41) Methacrylonitrile	7.21	41	47530	10.588	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	47693	5.136	ug/l	100
43) Isopropyl Acetate	8.17	43	60934	5.177	ug/l #	89
44) Trichloroethene	8.83	130	39065	4.913	ug/l	93
45) 1,2-Dichloropropane	9.12	63	40471	5.001	ug/l	98
46) Dibromomethane	9.21	93	23960	5.100	ug/l	91
47) Bromodichloromethane	9.40	83	48488	4.898	ug/l	96
48) Methyl methacrylate	9.20	41	25002	4.618	ug/l	93
49) 1,4-Dioxane	9.20	88	7127	97.190	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	146095	24.154	ug/l	96
52) Toluene	10.16	92	86999	4.926	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	44914	4.662	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	53258	4.690	ug/l	93
55) 1,1,2-Trichloroethane	10.56	97	33230	5.038	ug/l	98
56) Ethyl methacrylate	10.43	69	34211	5.756	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	55471	4.978	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	71470	30.402	ug/l	96
59) 2-Hexanone	10.75	43	90669	23.048	ug/l	92
60) Dibromochloromethane	10.90	129	34015	4.640	ug/l	99
61) 1,2-Dibromoethane	11.01	107	31222	4.907	ug/l	98
64) Tetrachloroethene	10.63	164	39229	5.216	ug/l	98
65) Chlorobenzene	11.43	112	95375	5.088	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	32648	4.833	ug/l	96
67) Ethyl Benzene	11.51	91	156683	4.986	ug/l	99
68) m/p-Xylenes	11.62	106	115070	9.702	ug/l	95
69) o-Xylene	11.95	106	57712	4.952	ug/l	97
70) Styrene	11.96	104	84983	4.741	ug/l	98
71) Bromoform	12.13	173	22048	4.691	ug/l #	97
73) Isopropylbenzene	12.25	105	152128	5.558	ug/l	99
74) N-amyl acetate	12.07	43	36442	5.080	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	38540	5.631	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	43127	7.646	ug/l #	100
77) Bromobenzene	12.53	156	37403	5.383	ug/l	91
78) n-propylbenzene	12.59	91	165148	5.306	ug/l	97
79) 2-Chlorotoluene	12.67	91	101702	5.439	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	120922	5.397	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	8719	4.886	ug/l	87
82) 4-Chlorotoluene	12.77	91	101081	5.470	ug/l	96
83) tert-Butylbenzene	12.99	119	109524	5.527	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	117695	5.262	ug/l	99
85) sec-Butylbenzene	13.17	105	150939	5.577	ug/l	99
86) p-Isopropyltoluene	13.29	119	122132	5.338	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	64374	5.355	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	61457	5.270	ug/l	91
89) n-Butylbenzene	13.62	91	96053	4.981	ug/l	97
90) Hexachloroethane	13.87	117	23956	5.403	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	62444	5.366	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	5122	5.296	ug/l	87

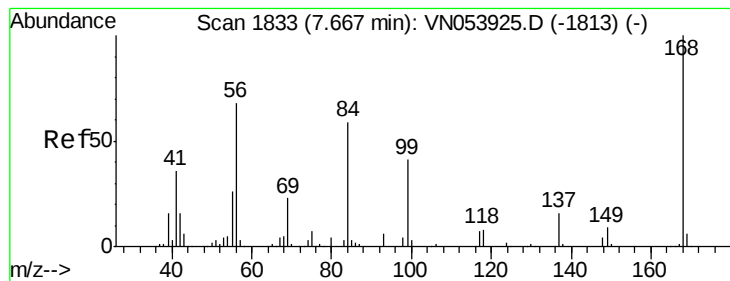
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022519\
Data File : VN053929.D
Acq On : 25 Feb 2019 14:50
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MSVOA_N
ClientSampleId :
VSTDICC005

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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	23465	5.692	ug/l	98
94) Hexachlorobutadiene	15.01	225	23334	5.551	ug/l	95
95) Naphthalene	15.13	128	46922	6.366	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	26044	5.628	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

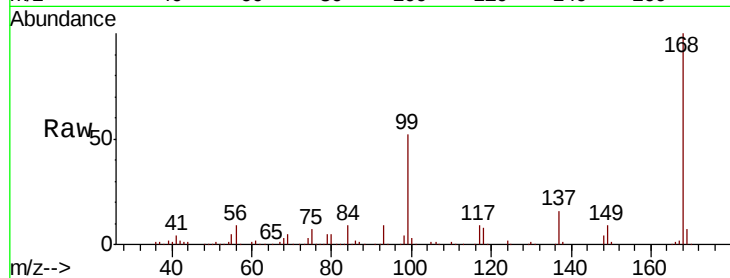
VSTDIC005

Tgt Ion:168 Resp: 625419

Ion Ratio Lower Upper

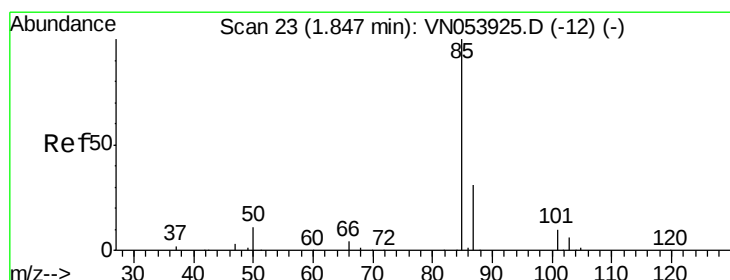
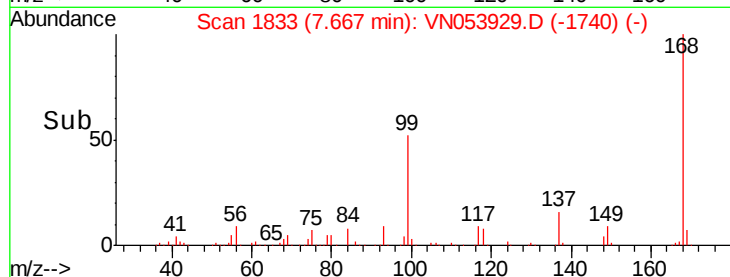
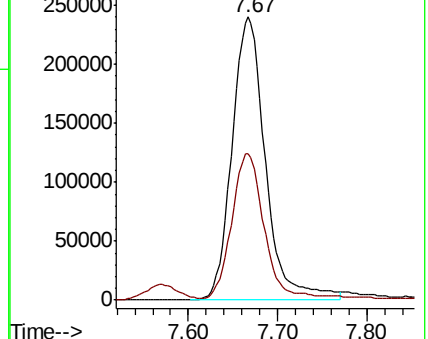
168 100

99 50.7 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 5.304 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN053929.D

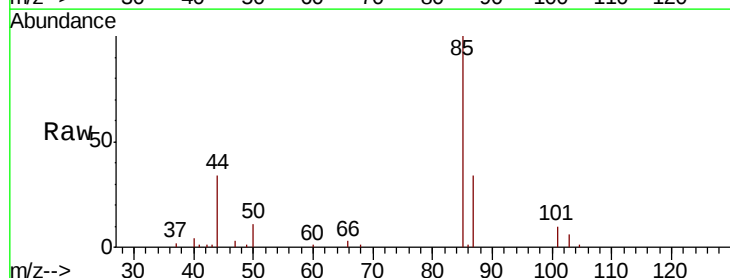
Acq: 25 Feb 2019 14:50

Tgt Ion: 85 Resp: 30529

Ion Ratio Lower Upper

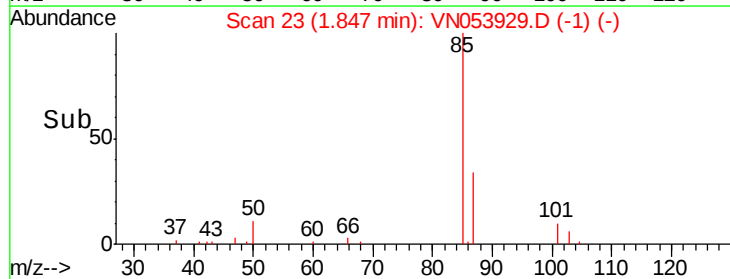
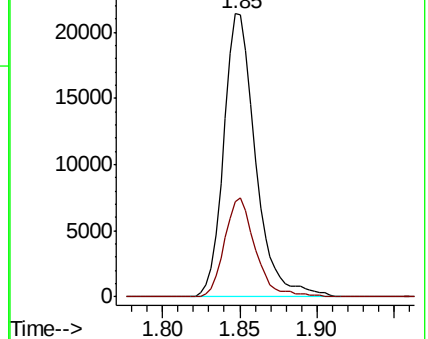
85 100

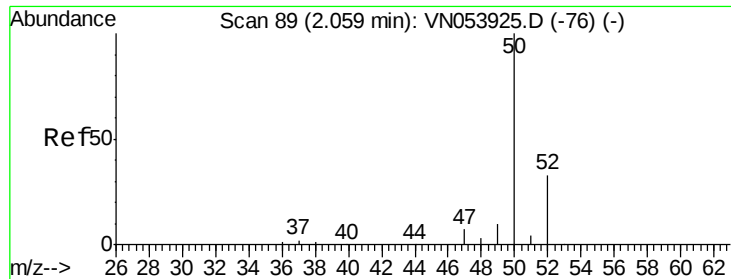
87 33.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

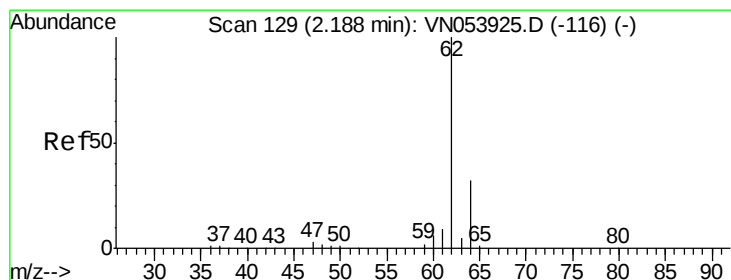
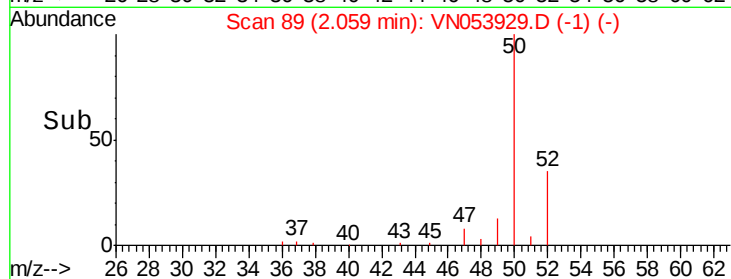
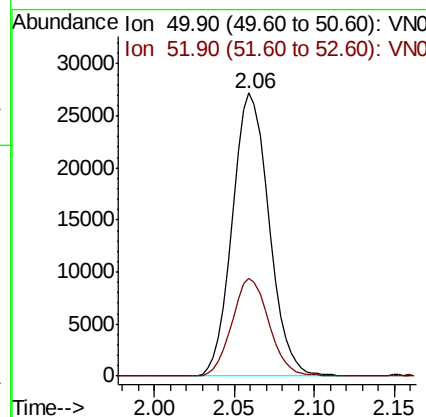
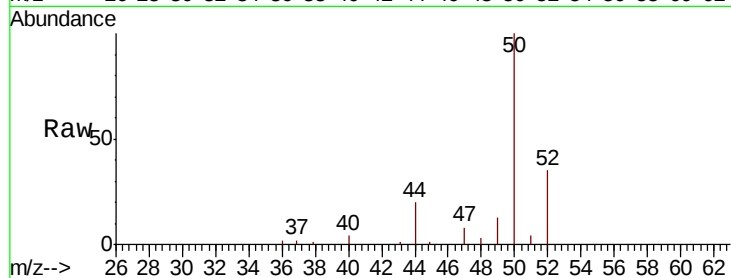




#3
 Chloromethane
 Concen: 5.320 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

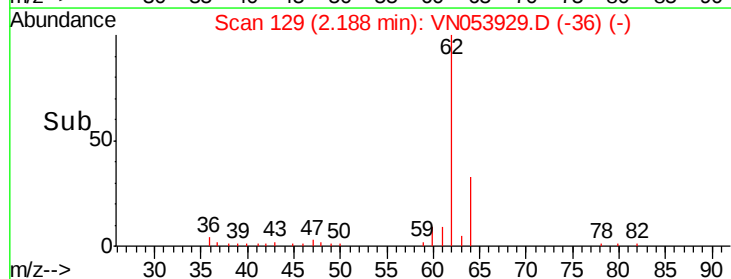
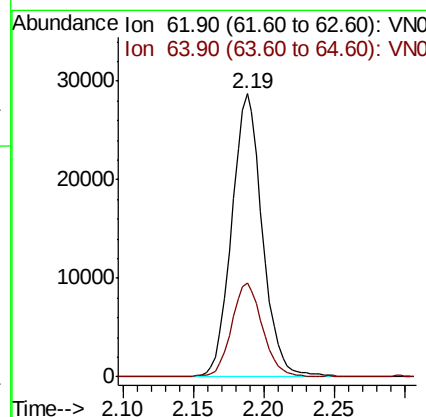
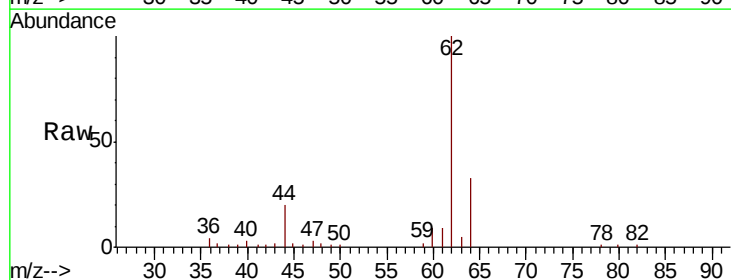
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

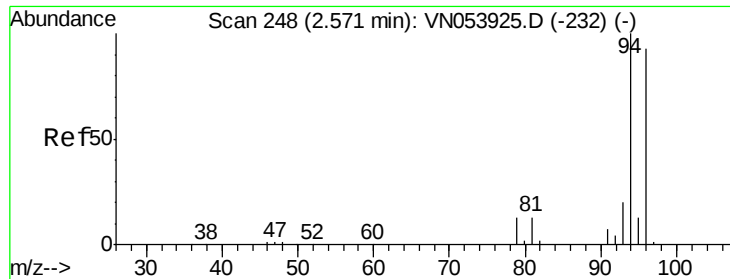
Tgt Ion: 50 Resp: 42476
 Ion Ratio Lower Upper
 50 100
 52 34.5 26.0 39.0



#4
 Vinyl Chloride
 Concen: 5.441 ug/l
 RT: 2.19 min Scan# 129
 Delta R.T. 0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

Tgt Ion: 62 Resp: 43526
 Ion Ratio Lower Upper
 62 100
 64 33.1 25.1 37.7





#5

Bromomethane

Concen: 6.284 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

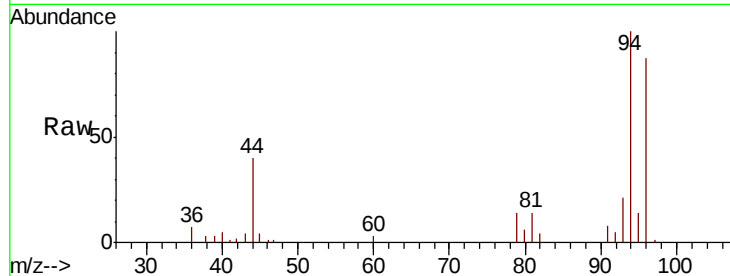
VSTDIC005

Tgt Ion: 94 Resp: 33291

Ion Ratio Lower Upper

94 100

96 86.9 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN053929.D (-232) (-)

Ion 95.90 (95.60 to 96.60): VN053929.D (-232) (-)

20000

15000

10000

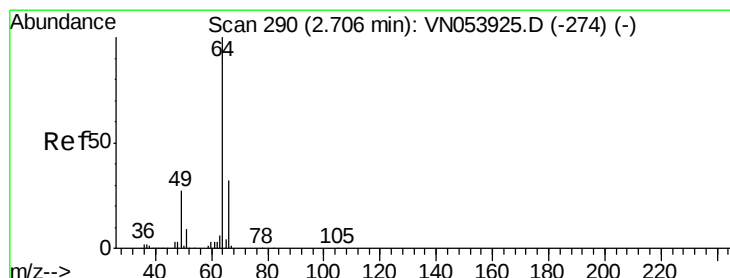
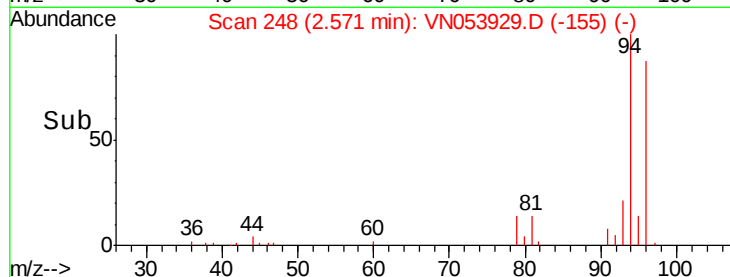
5000

0

Time-->

2.50 2.55 2.60 2.65

2.57



#6

Chloroethane

Concen: 5.172 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN053929.D

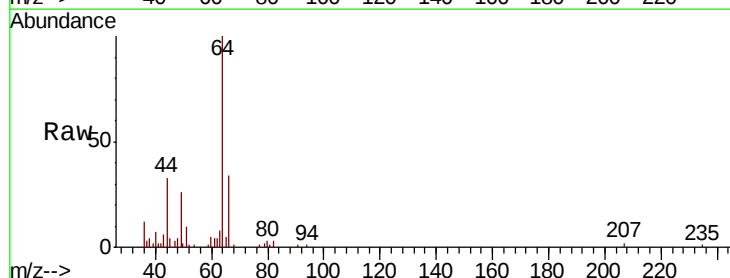
Acq: 25 Feb 2019 14:50

Tgt Ion: 64 Resp: 25730

Ion Ratio Lower Upper

64 100

66 34.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN053929.D (-274) (-)

Ion 65.90 (65.60 to 66.60): VN053929.D (-274) (-)

10000

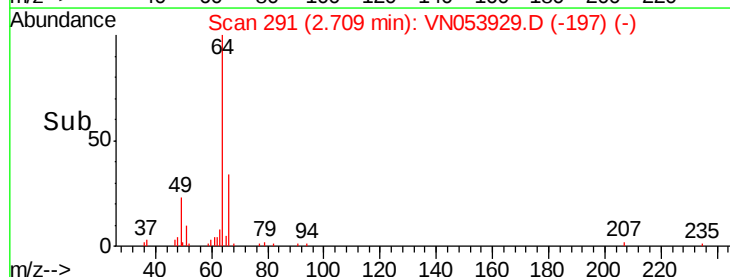
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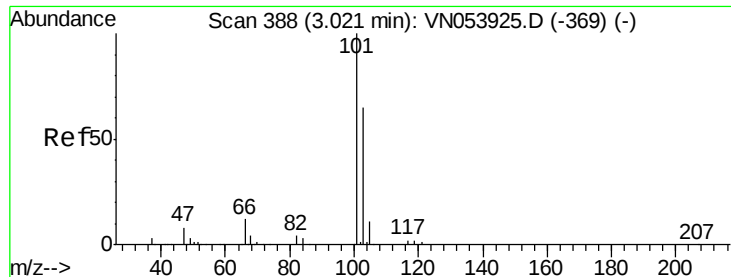
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Time-->

2.65 2.70 2.75 2.80

2.71



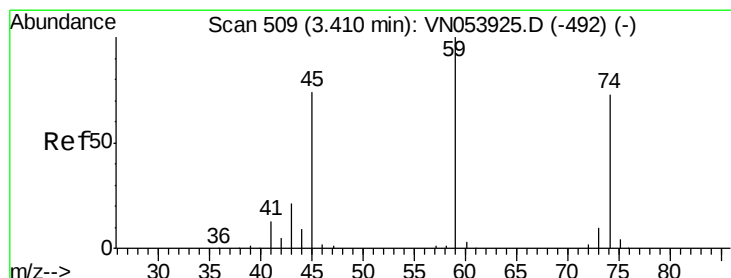
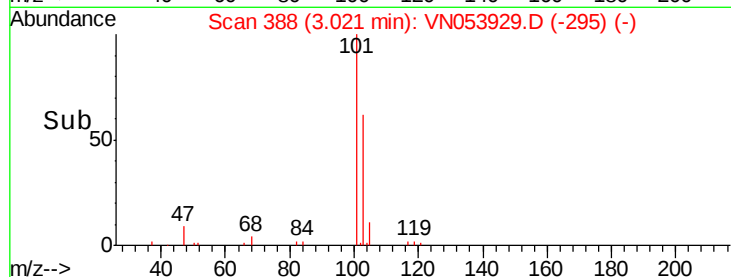
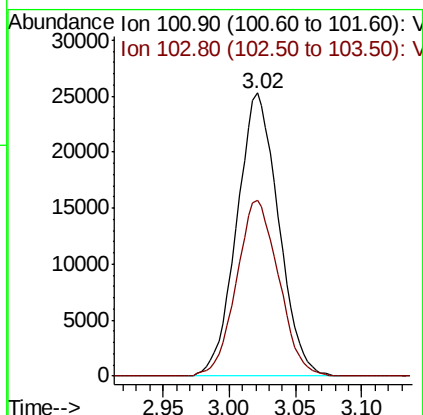
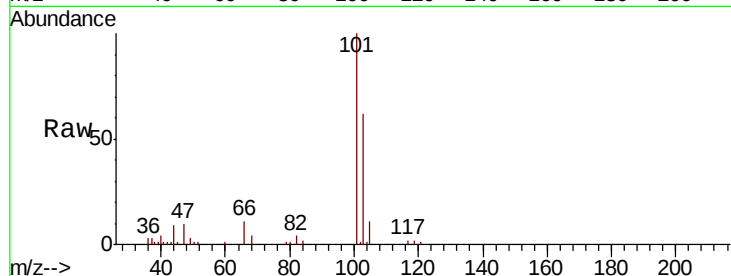


#7

Trichlorofluoromethane
 Concen: 5.413 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

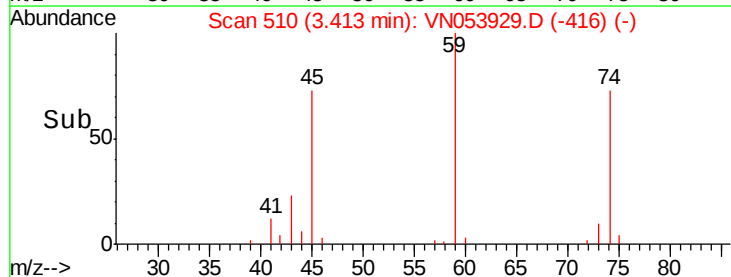
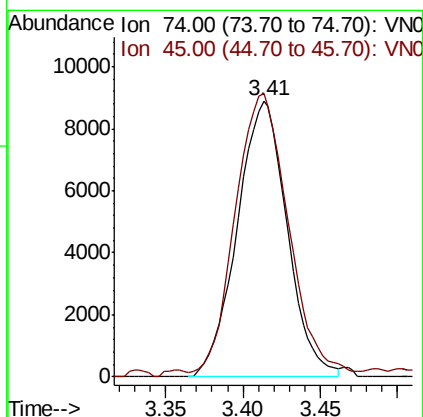
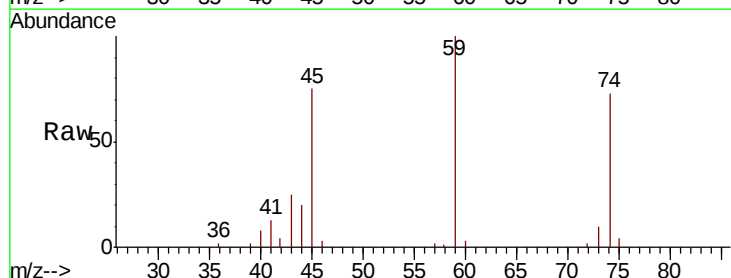
Tgt Ion:101 Resp: 55319
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.9 77.9

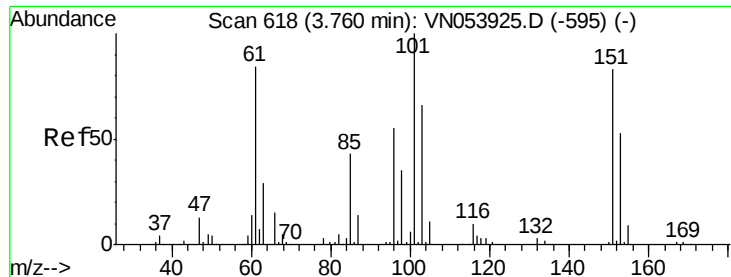


#8

Diethyl Ether
 Concen: 5.212 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

Tgt Ion: 74 Resp: 19956
 Ion Ratio Lower Upper
 74 100
 45 105.2 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.423 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

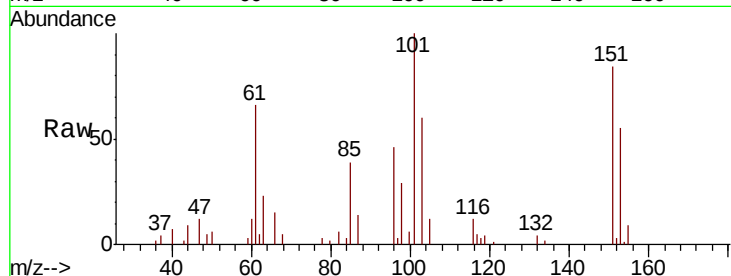
Tgt Ion:101 Resp: 35005

Ion Ratio Lower Upper

101 100

85 41.6 32.5 48.7

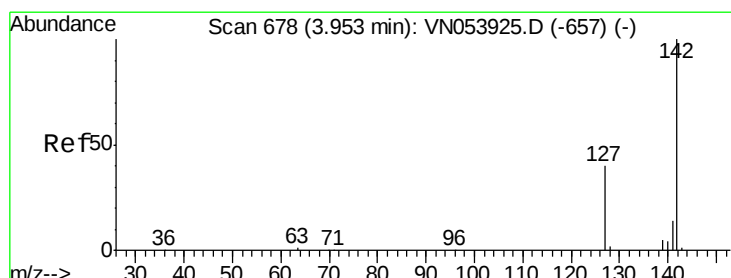
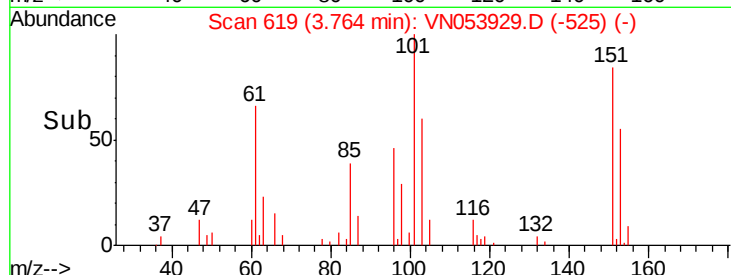
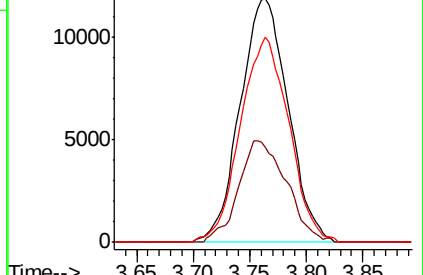
151 84.9 70.2 105.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.121 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

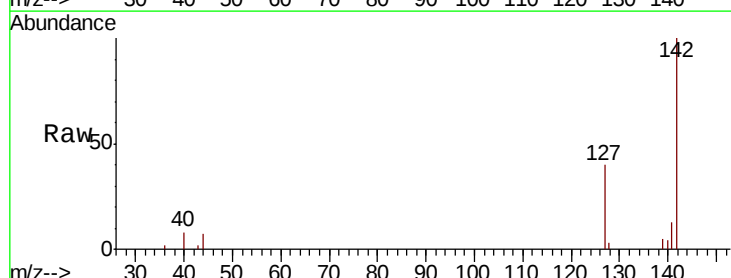
Tgt Ion:142 Resp: 34950

Ion Ratio Lower Upper

142 100

127 39.7 31.0 46.4

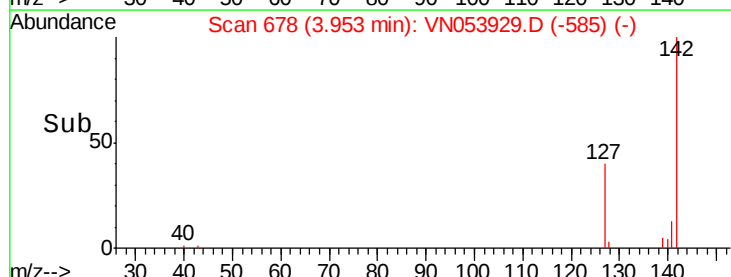
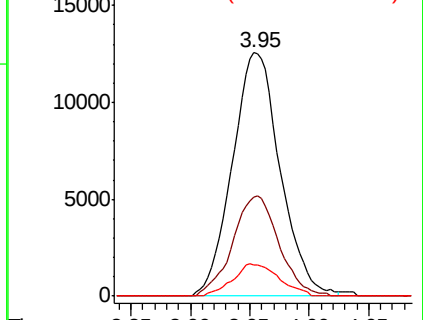
141 12.8 11.3 16.9

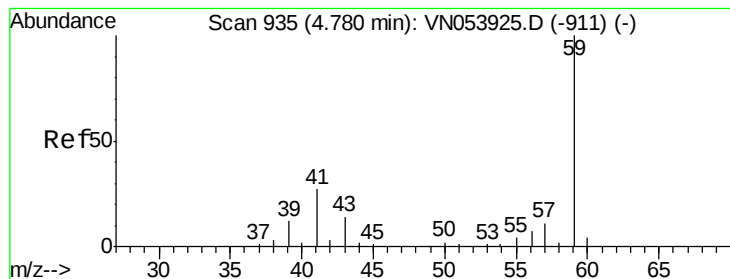


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



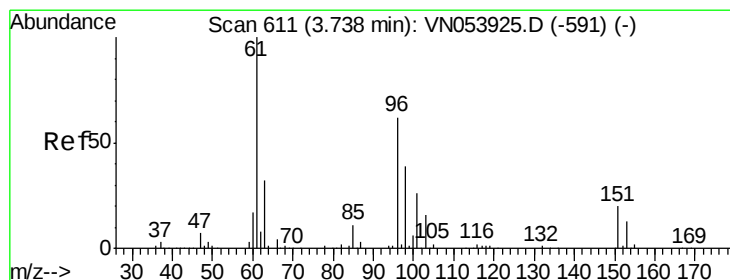
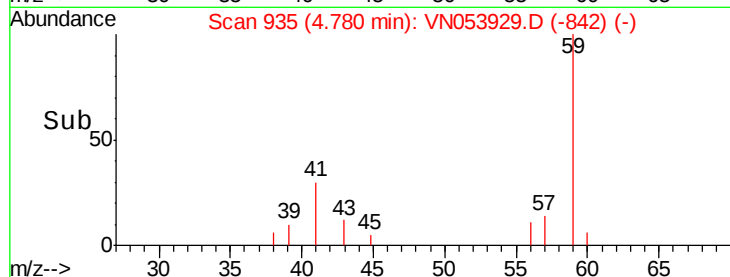
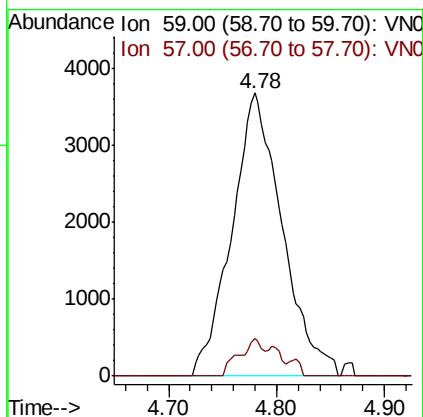
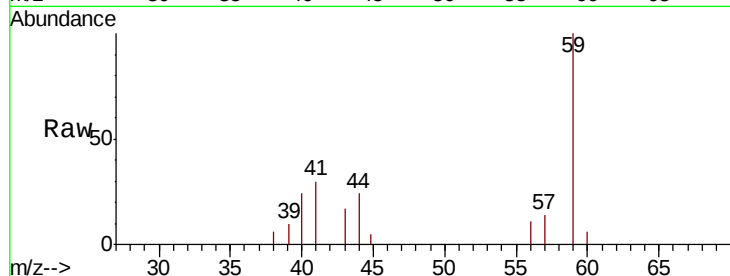


#11

Tert butyl alcohol
 Concen: 25.732 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

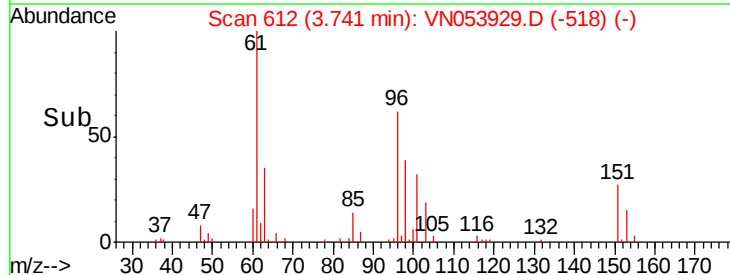
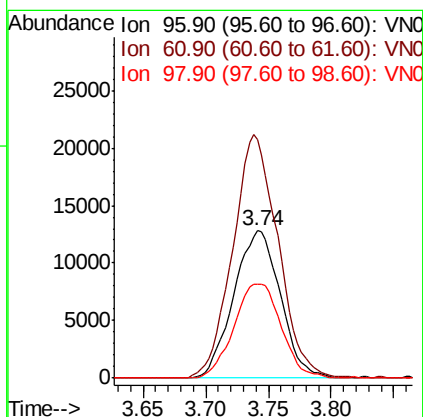
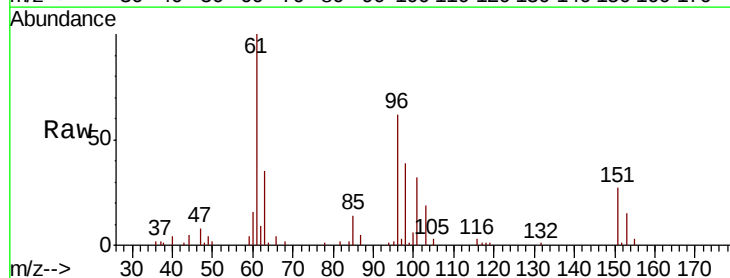
Tgt Ion: 59 Resp: 11959
 Ion Ratio Lower Upper
 59 100
 57 6.3 8.1 12.1#

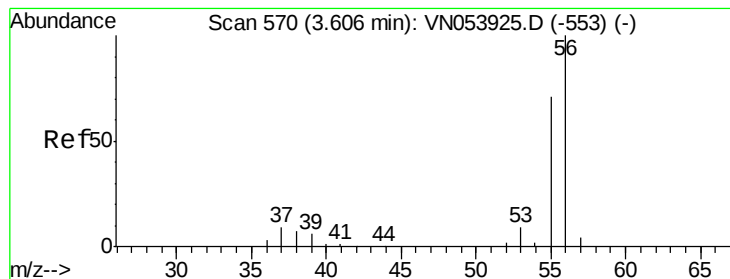


#12

1,1-Dichloroethene
 Concen: 5.362 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

Tgt Ion: 96 Resp: 33103
 Ion Ratio Lower Upper
 96 100
 61 162.0 121.0 181.4
 98 63.3 52.2 78.2





#13

Acrolein

Concen: 35.030 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

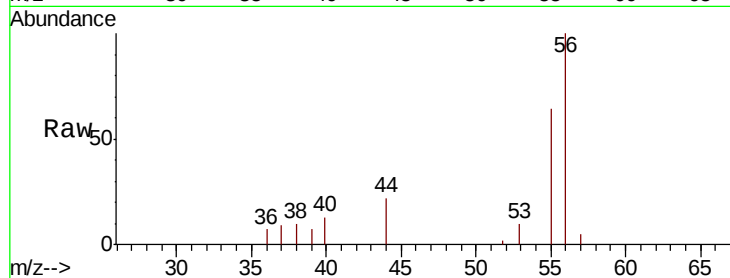
VSTDIC005

Tgt Ion: 56 Resp: 16856

Ion Ratio Lower Upper

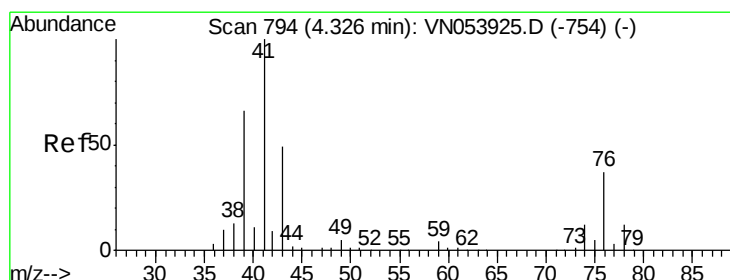
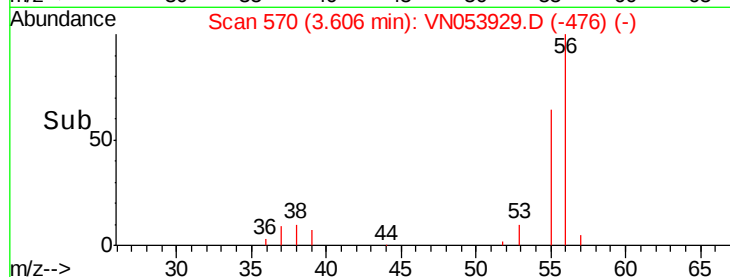
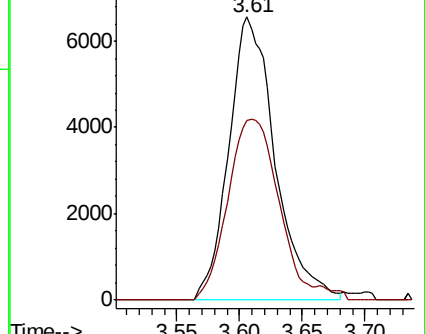
56 100

55 71.5 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN053929.D (-553) (-)

Ion 55.00 (54.70 to 55.70): VN053929.D (-553) (-)



#14

Allyl chloride

Concen: 4.870 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

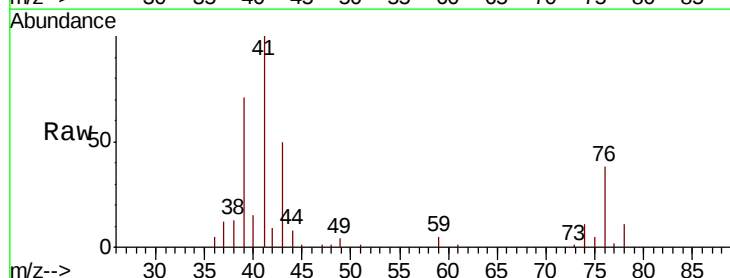
Tgt Ion: 41 Resp: 52733

Ion Ratio Lower Upper

41 100

39 71.2 48.8 73.2

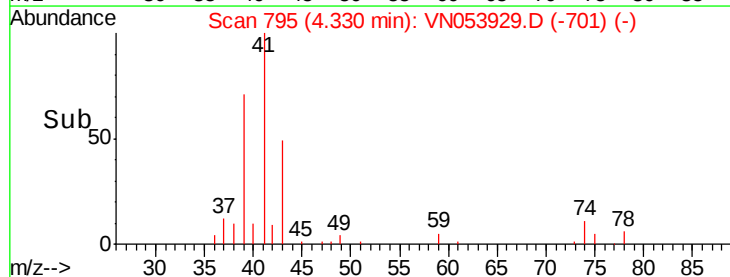
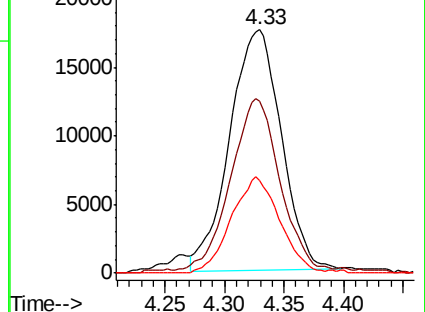
76 37.3 30.9 46.3

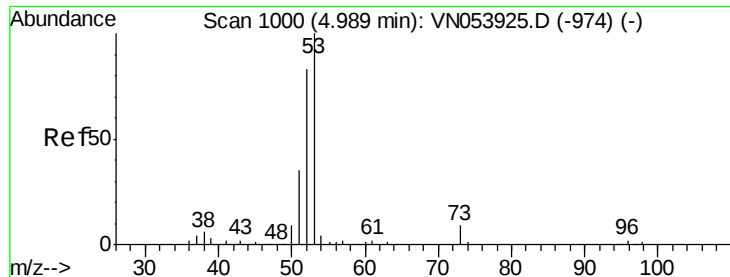


Abundance Ion 41.00 (40.70 to 41.70): VN053929.D (-701) (-)

Ion 39.00 (38.70 to 39.70): VN053929.D (-701) (-)

Ion 75.90 (75.60 to 76.60): VN053929.D (-701) (-)

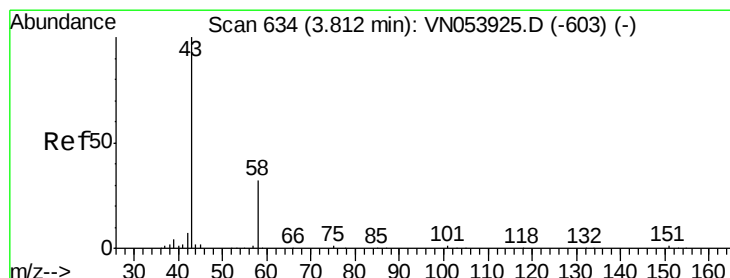
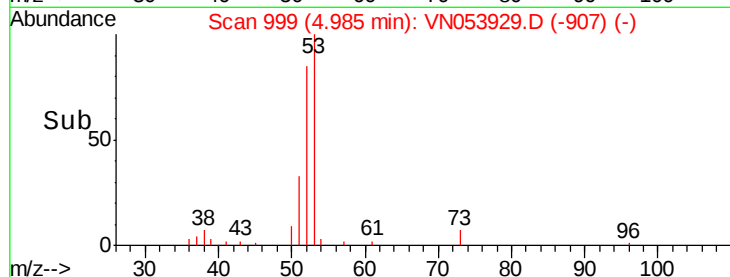
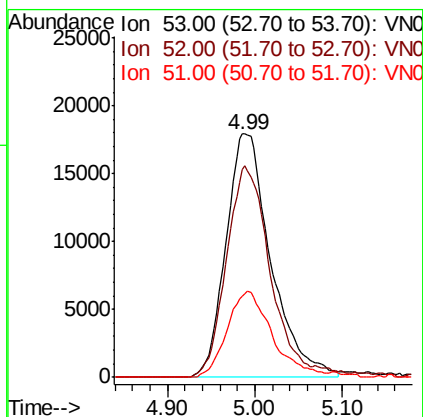
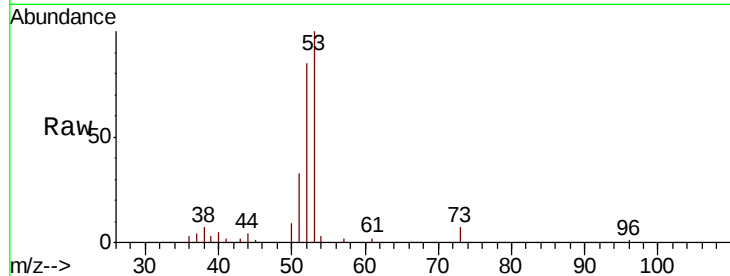




#15
 Acrylonitrile
 Concen: 26.029 ug/l
 RT: 4.99 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

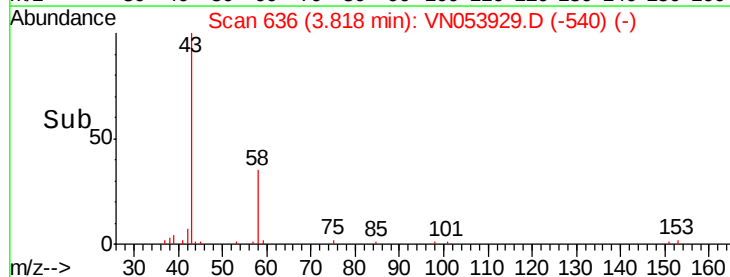
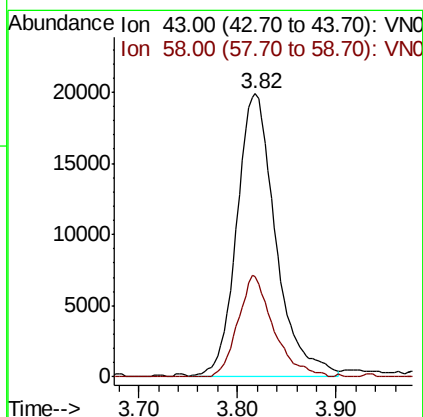
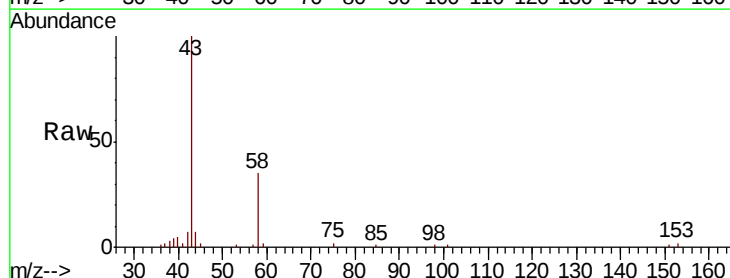
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

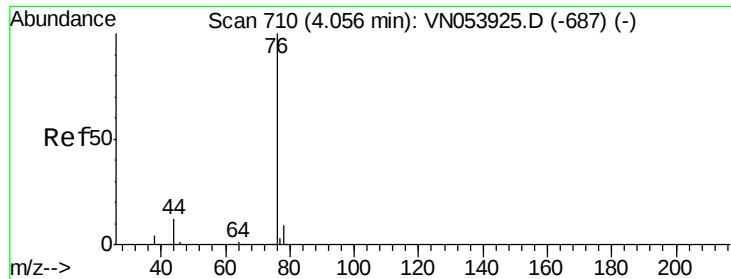
Tgt Ion: 53 Resp: 63759
 Ion Ratio Lower Upper
 53 100
 52 83.4 65.1 97.7
 51 35.7 28.2 42.4



#16
 Acetone
 Concen: 16.806 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. 0.01 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

Tgt Ion: 43 Resp: 54624
 Ion Ratio Lower Upper
 43 100
 58 35.5 27.6 41.4

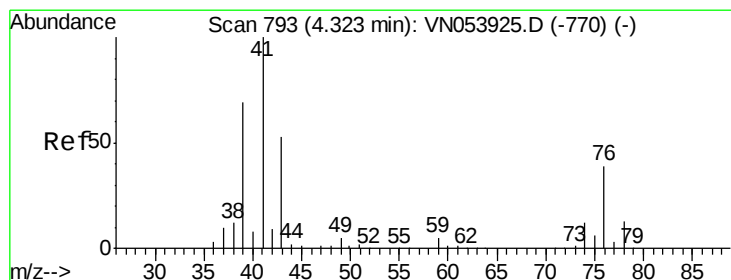
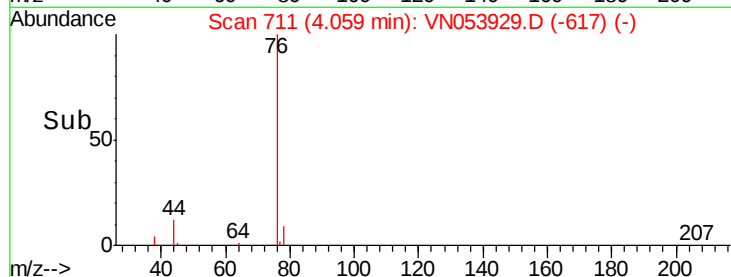
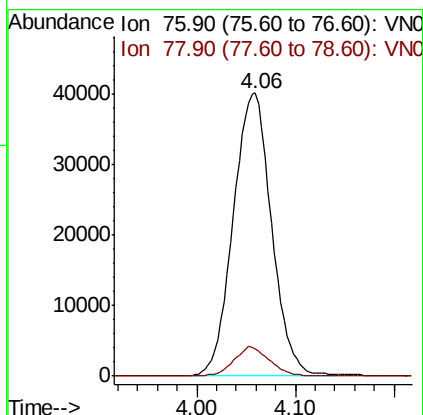
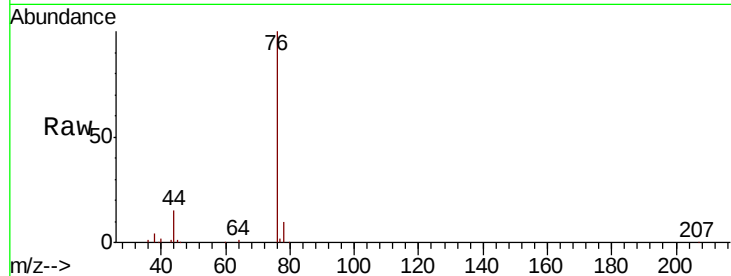




#17
Carbon Disulfide
Concen: 5.439 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN053929.D
Acq: 25 Feb 2019 14:50

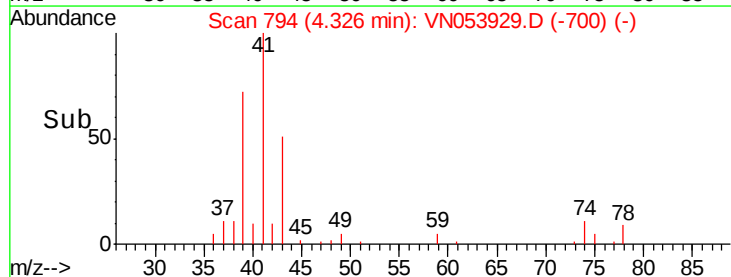
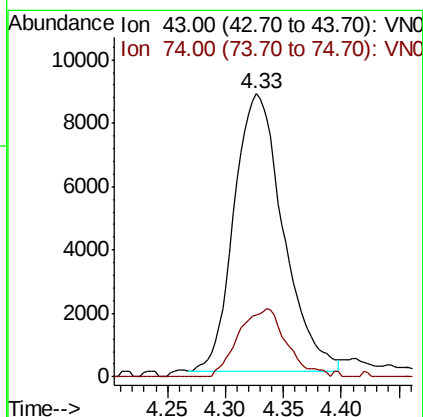
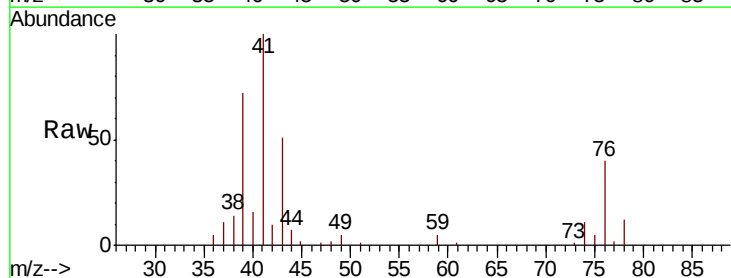
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

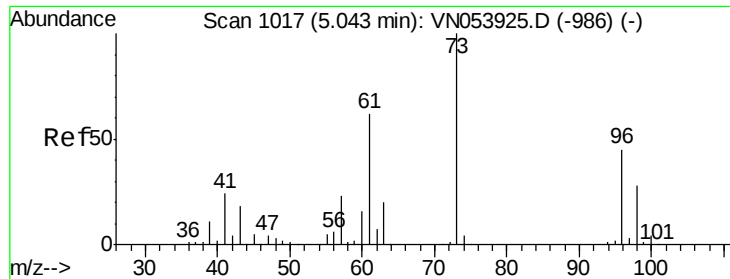
Tgt Ion: 76 Resp: 108338
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#18
Methyl Acetate
Concen: 5.035 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053929.D
Acq: 25 Feb 2019 14:50

Tgt Ion: 43 Resp: 25813
Ion Ratio Lower Upper
43 100
74 24.0 20.5 30.7

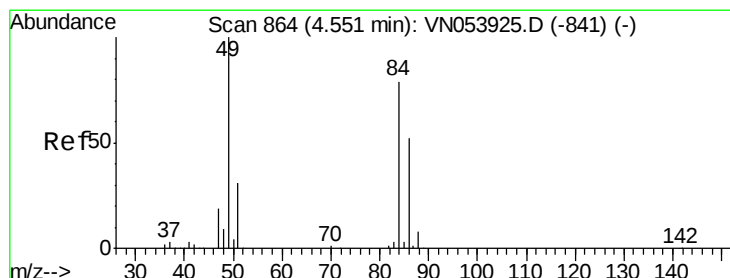
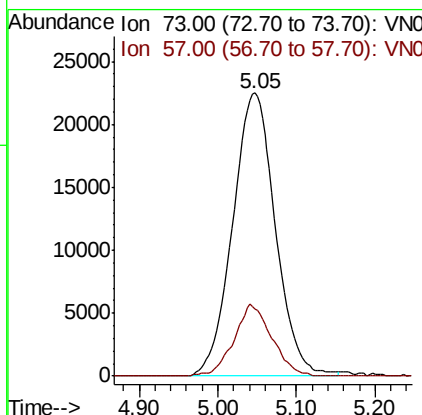
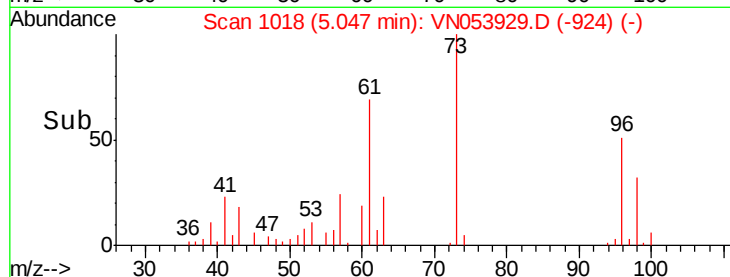
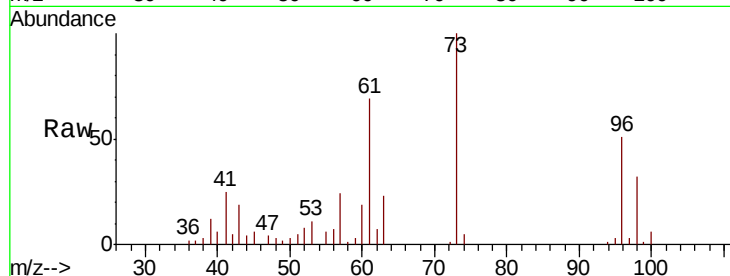




#19
Methyl tert-butyl Ether
Concen: 5.172 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053929.D
Acq: 25 Feb 2019 14:50

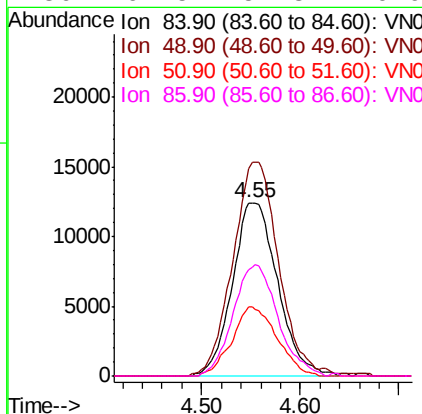
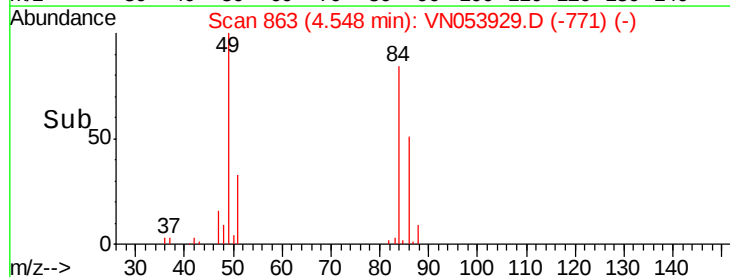
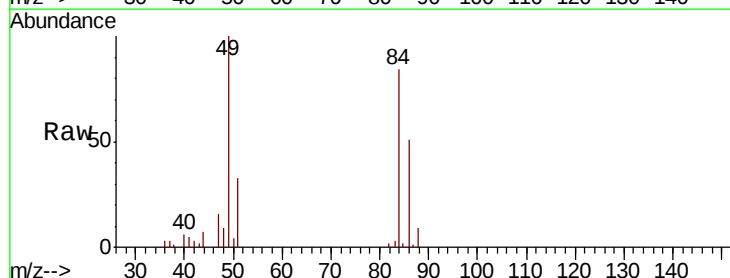
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

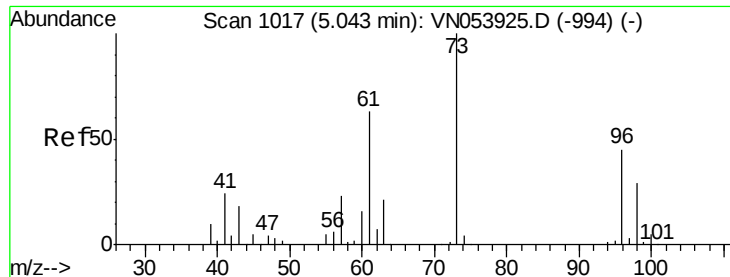
Tgt Ion: 73 Resp: 85658
Ion Ratio Lower Upper
73 100
57 23.7 18.0 27.0



#20
Methylene Chloride
Concen: 5.441 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN053929.D
Acq: 25 Feb 2019 14:50

Tgt Ion: 84 Resp: 39477
Ion Ratio Lower Upper
84 100
49 119.6 89.7 134.5
51 40.0 27.8 41.8
86 61.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 5.490 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

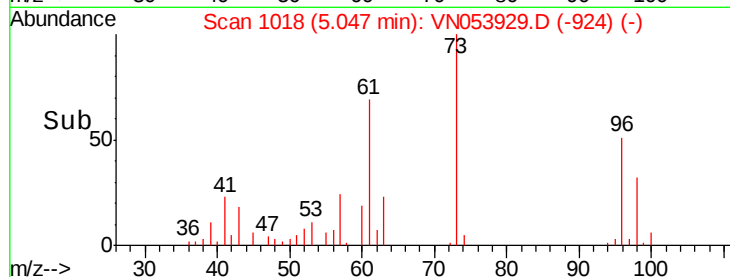
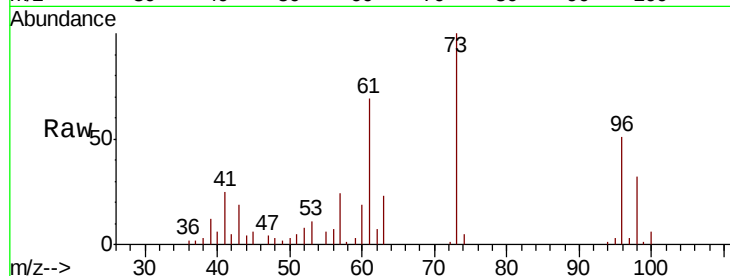
Tgt Ion: 96 Resp: 36687

Ion Ratio Lower Upper

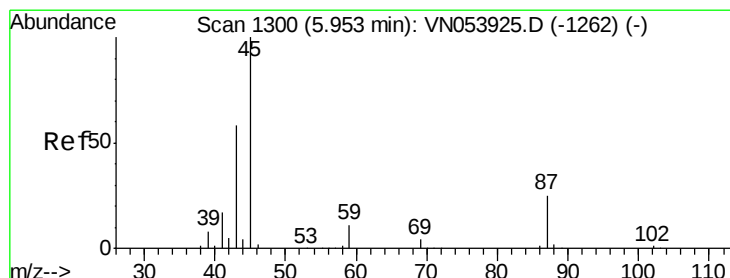
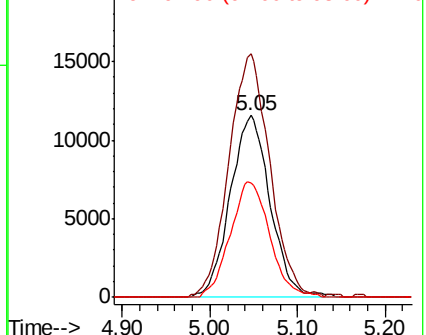
96 100

61 134.0 104.5 156.7

98 63.2 50.6 76.0



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



#22

Diisopropyl ether

Concen: 5.085 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

Tgt Ion: 45 Resp: 106221

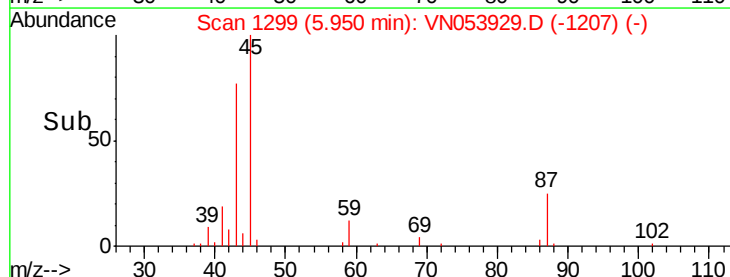
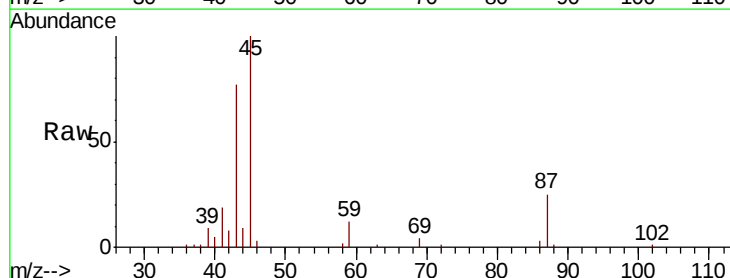
Ion Ratio Lower Upper

45 100

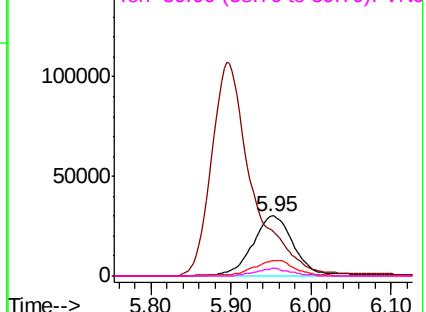
43 71.4 46.2 69.4#

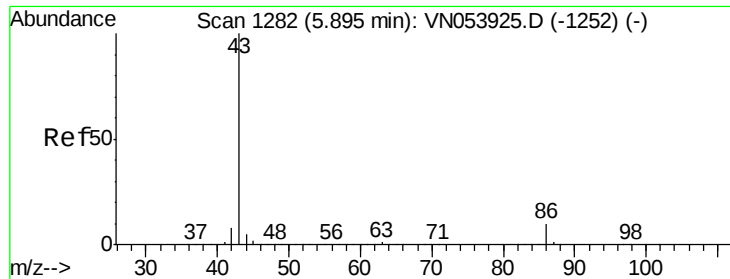
87 24.1 23.4 35.0

59 12.0 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 87.00 (86.70 to 87.70): VNO
Ion 59.00 (58.70 to 59.70): VNO





#23

Vinyl Acetate

Concen: 25.080 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

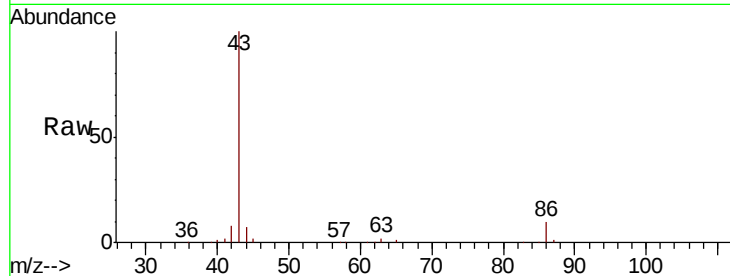
VSTDIC005

Tgt Ion: 43 Resp: 376909

Ion Ratio Lower Upper

43 100

86 9.8 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN053929.D (-1189) (-)

Ion 86.00 (85.70 to 86.70): VN053929.D (-1189) (-)

5.90

120000

100000

80000

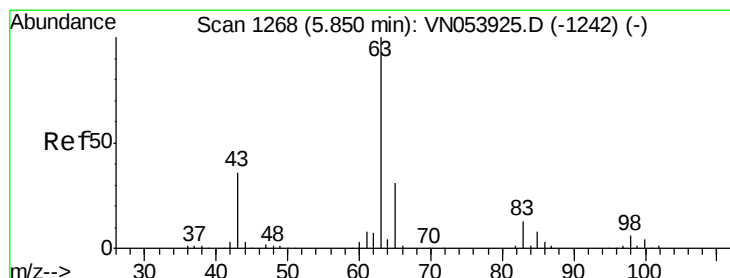
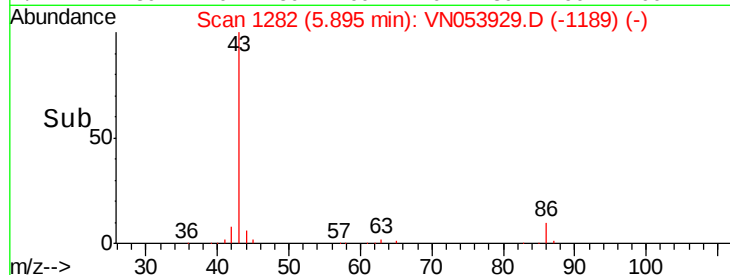
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 5.303 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

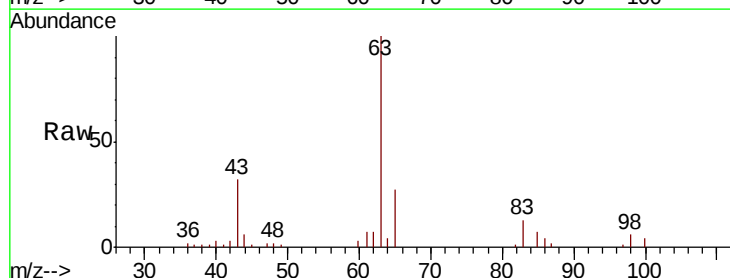
Tgt Ion: 63 Resp: 67931

Ion Ratio Lower Upper

63 100

98 6.0 3.4 10.2

100 4.2 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN053929.D (-1175) (-)

Ion 97.90 (97.60 to 98.60): VN053929.D (-1175) (-)

Ion 99.90 (99.60 to 100.60): VN053929.D (-1175) (-)

5.85

25000

20000

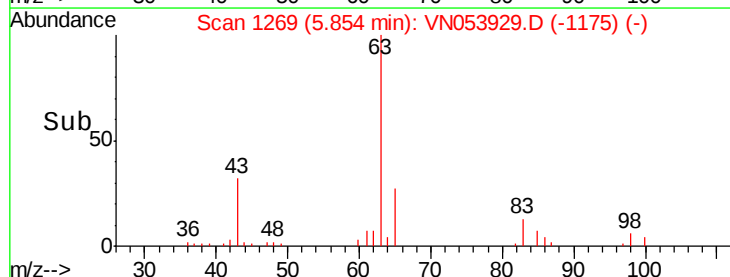
15000

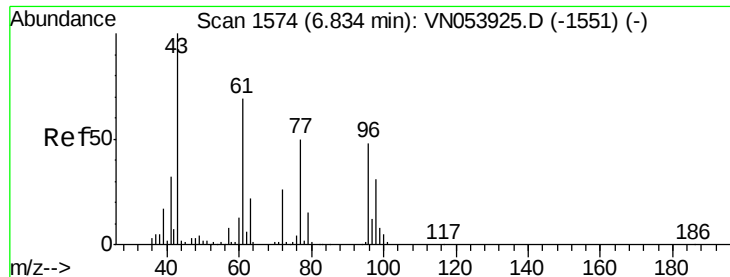
10000

5000

0

Time-->

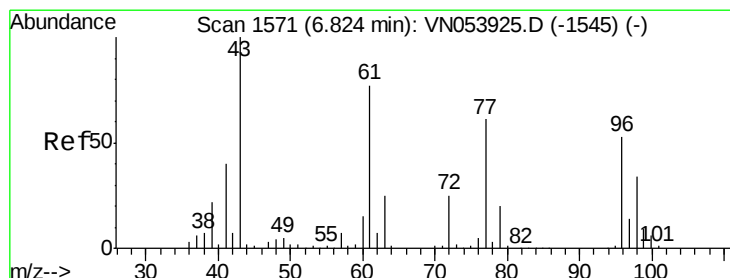
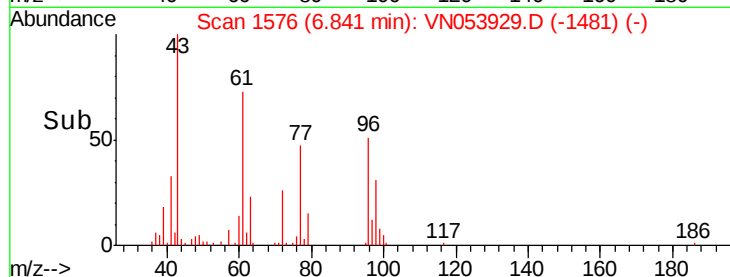
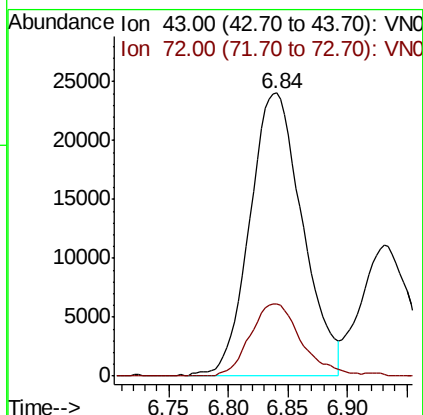
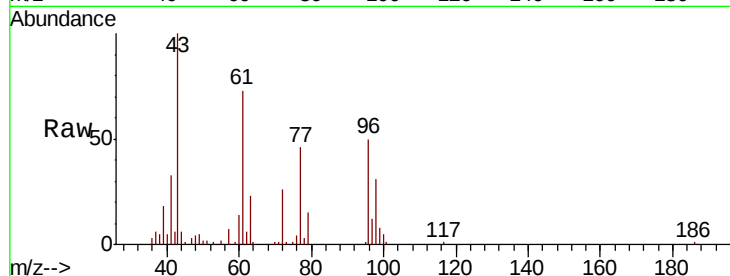




#25
2-Butanone
Concen: 25.727 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN053929.D
Acq: 25 Feb 2019 14:50

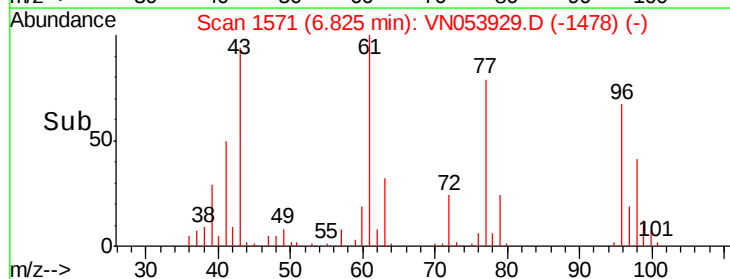
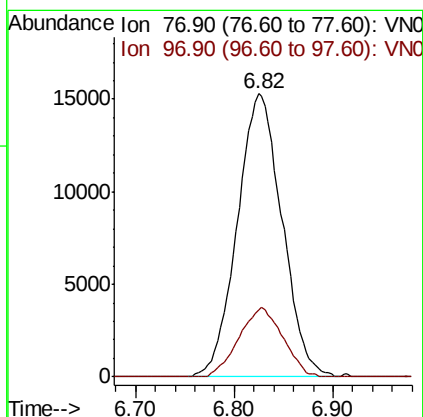
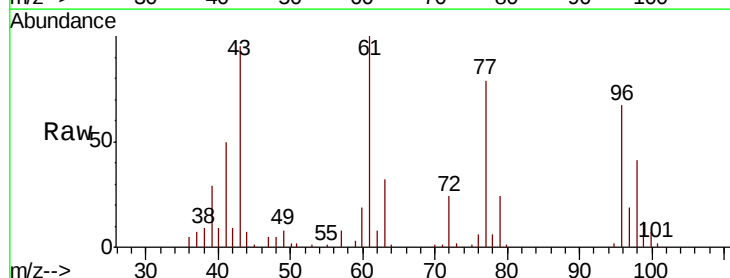
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

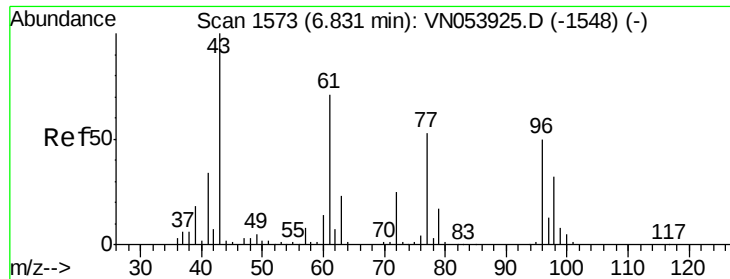
Tgt Ion: 43 Resp: 74058
Ion Ratio Lower Upper
43 100
72 25.7 22.1 33.1



#26
2,2-Dichloropropane
Concen: 5.275 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN053929.D
Acq: 25 Feb 2019 14:50

Tgt Ion: 77 Resp: 48010
Ion Ratio Lower Upper
77 100
97 24.0 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 5.409 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

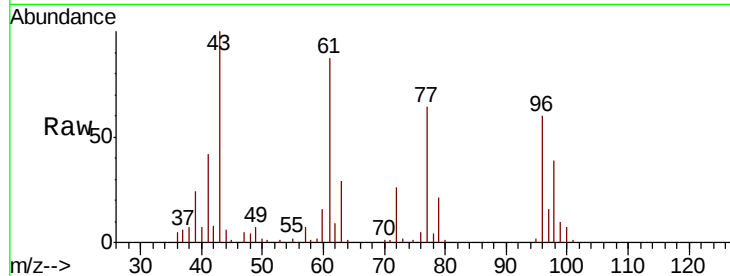
Tgt Ion: 96 Resp: 40200

Ion Ratio Lower Upper

96 100

61 149.6 0.0 275.6

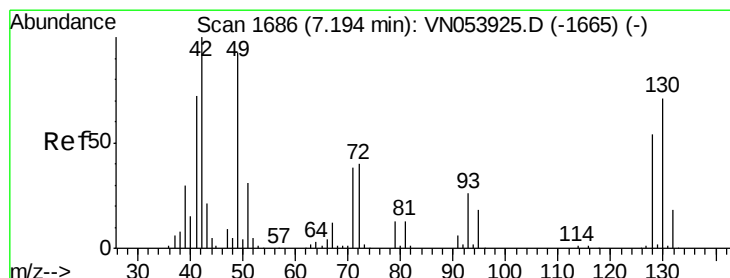
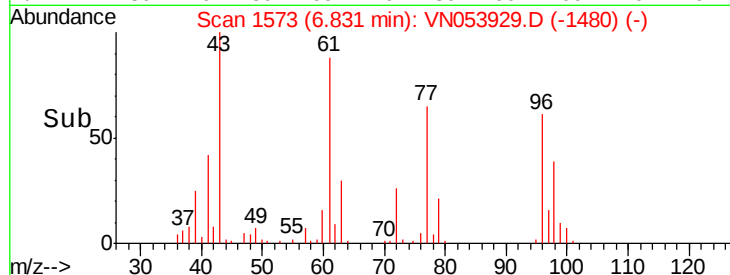
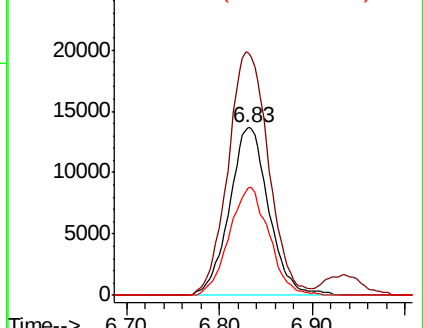
98 65.2 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN053929.D (-1548) (-)

Ion 60.90 (60.60 to 61.60): VN053929.D (-1548) (-)

Ion 97.90 (97.60 to 98.60): VN053929.D (-1548) (-)



#28

Bromochloromethane

Concen: 5.283 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

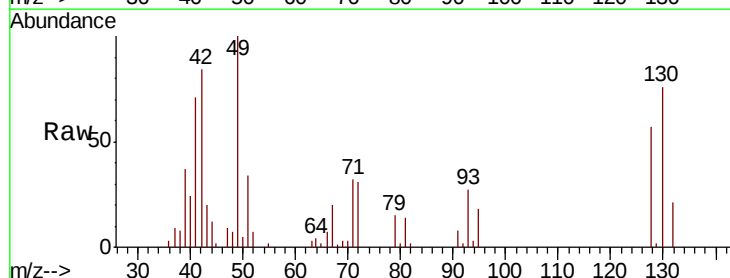
Tgt Ion: 49 Resp: 30981

Ion Ratio Lower Upper

49 100

129 0.8 0.0 4.6

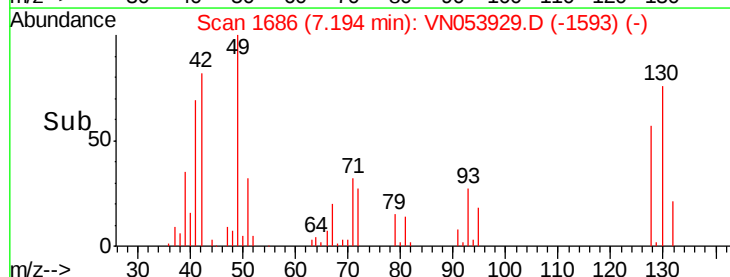
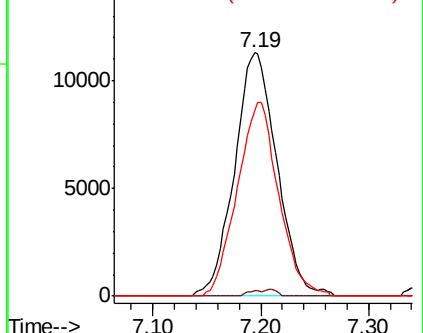
130 77.6 72.9 109.3

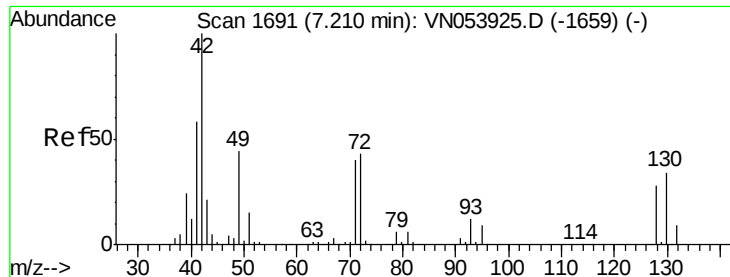


Abundance Ion 48.90 (48.60 to 49.60): VN053929.D (-1665) (-)

Ion 128.80 (128.50 to 129.50): VN053929.D (-1665) (-)

Ion 129.80 (129.50 to 130.50): VN053929.D (-1665) (-)

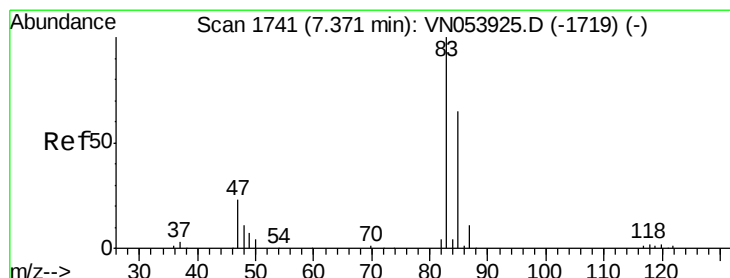
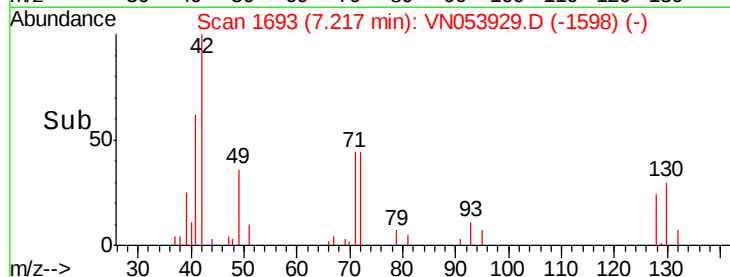
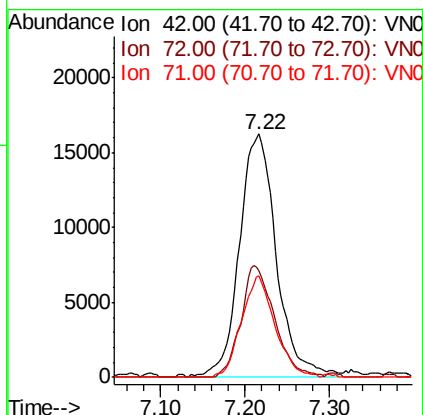
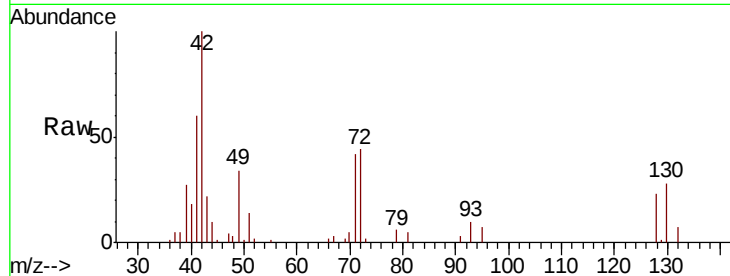




#29
Tetrahydrofuran
Concen: 25.852 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN053929.D
Acq: 25 Feb 2019 14:50

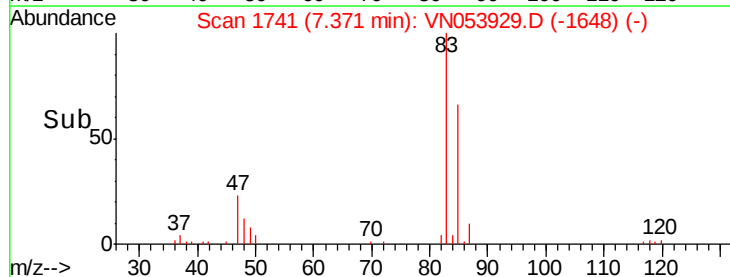
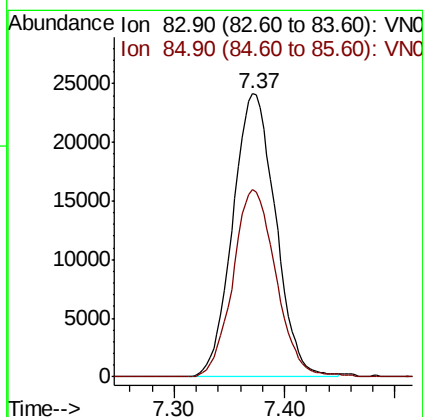
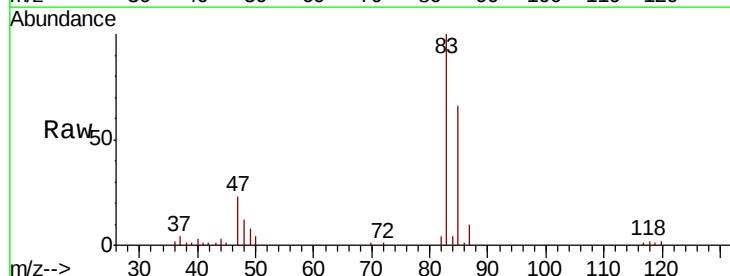
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

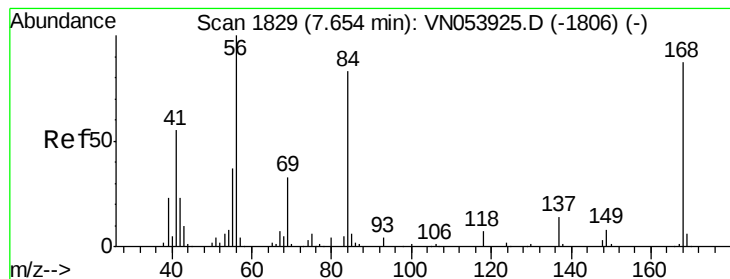
Tgt Ion: 42 Resp: 49557
Ion Ratio Lower Upper
42 100
72 41.8 36.9 55.3
71 37.7 34.6 52.0



#30
Chloroform
Concen: 5.232 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN053929.D
Acq: 25 Feb 2019 14:50

Tgt Ion: 83 Resp: 64995
Ion Ratio Lower Upper
83 100
85 66.2 52.6 78.8





#31

Cyclohexane

Concen: 5.531 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

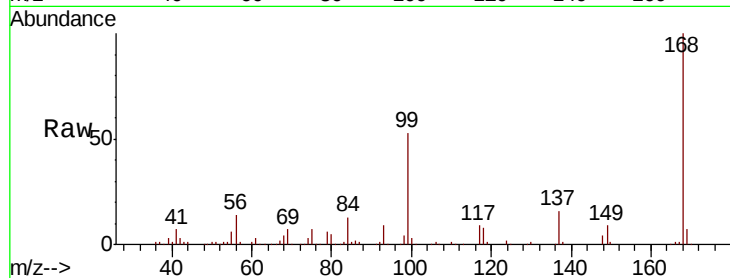
Tgt Ion: 56 Resp: 69112

Ion Ratio Lower Upper

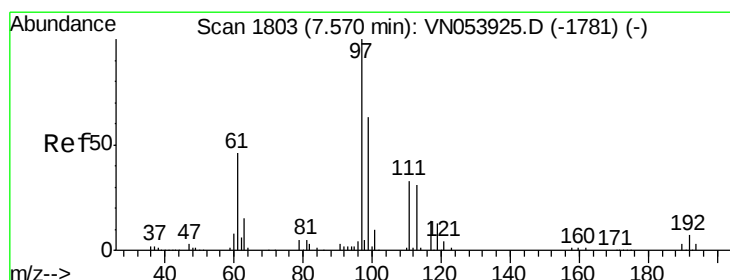
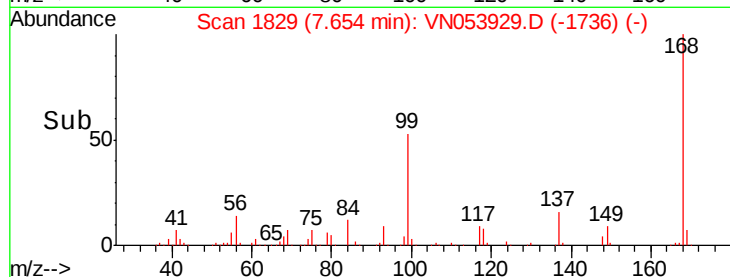
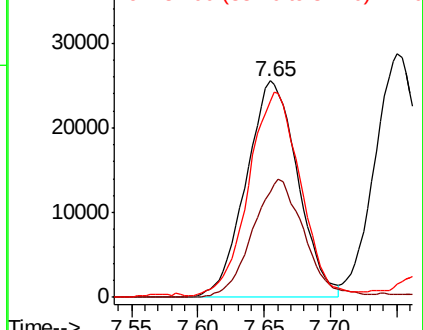
56 100

69 48.4 26.0 39.0#

84 89.8 69.1 103.7



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



#32

1,1,1-Trichloroethane

Concen: 5.184 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

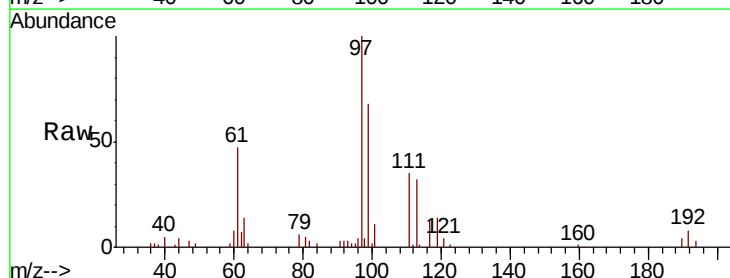
Tgt Ion: 97 Resp: 53097

Ion Ratio Lower Upper

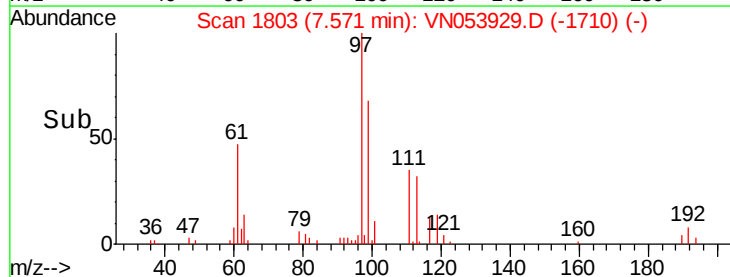
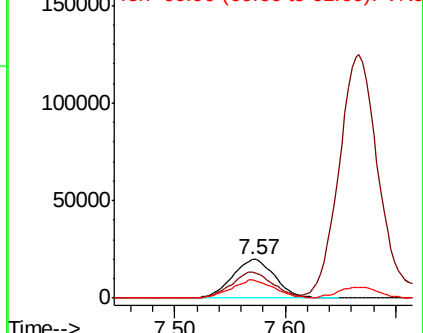
97 100

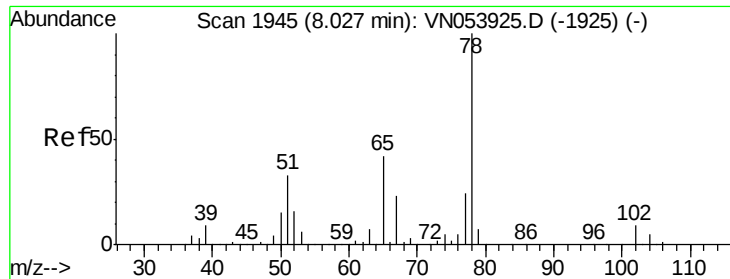
99 66.1 51.8 77.8

61 46.1 33.2 49.8



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

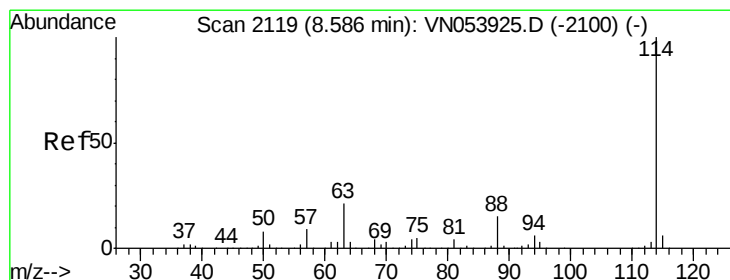
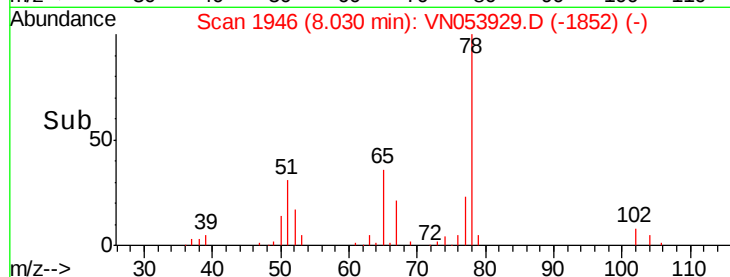
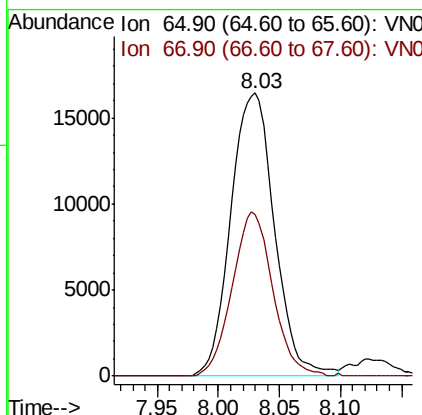
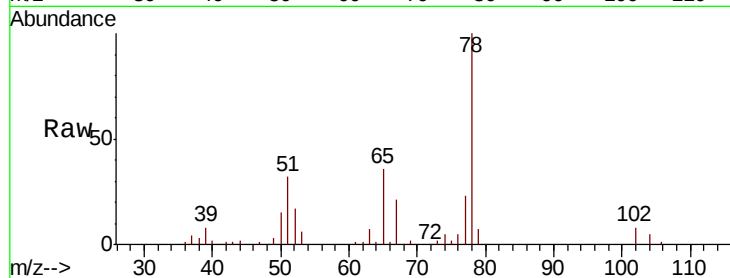




#33
 1,2-Dichloroethane-d4
 Concen: 5.563 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

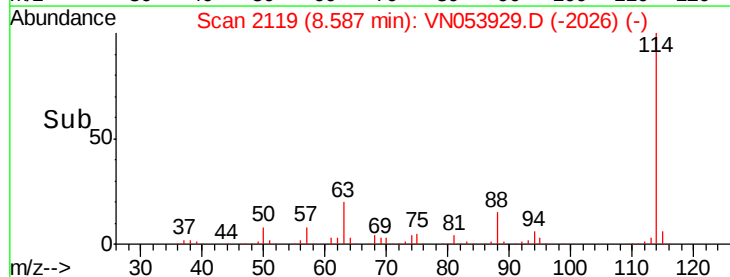
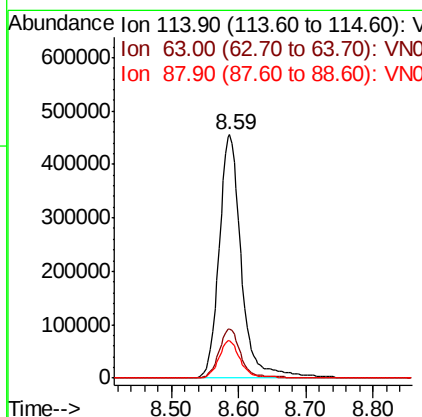
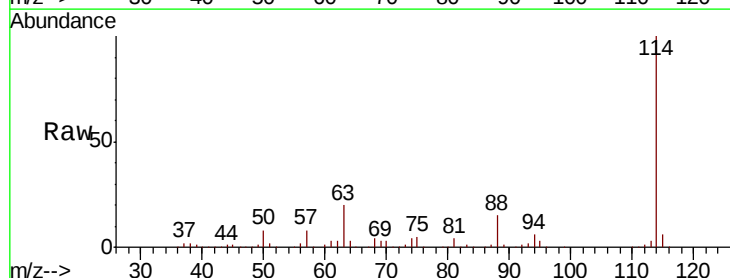
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

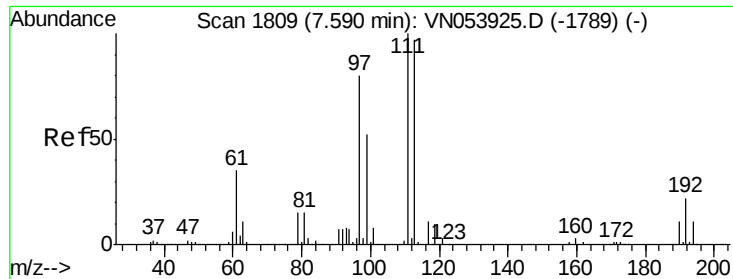
Tgt Ion: 65 Resp: 40787
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

Tgt Ion: 114 Resp: 1049862
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 37.4
 88 15.3 0.0 30.4

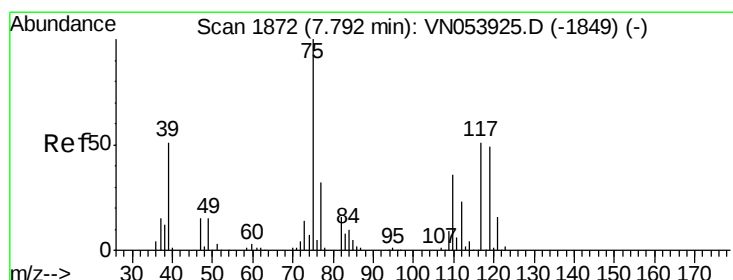
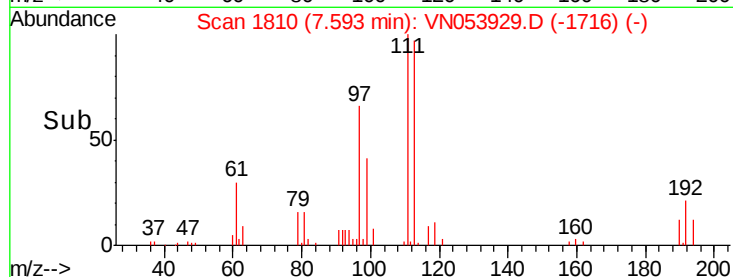
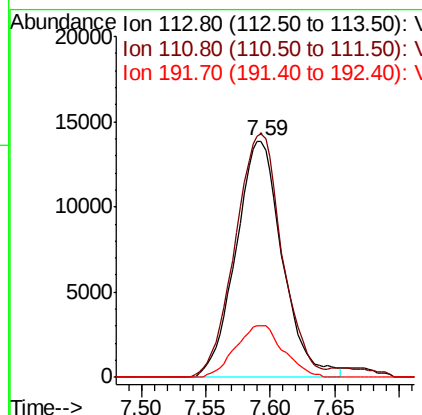
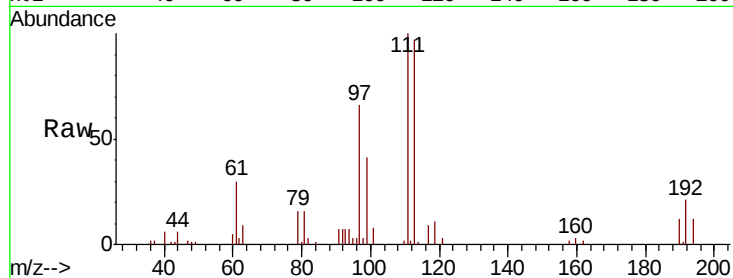




#35
 Dibromofluoromethane
 Concen: 5.112 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

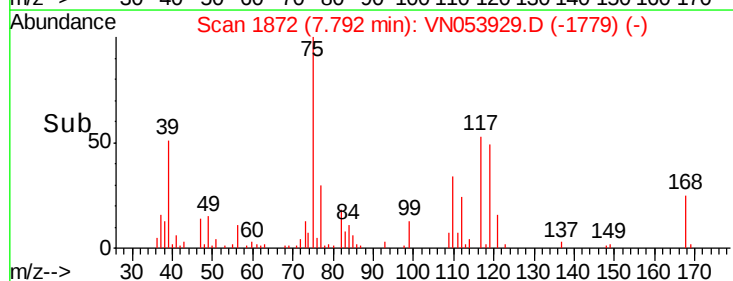
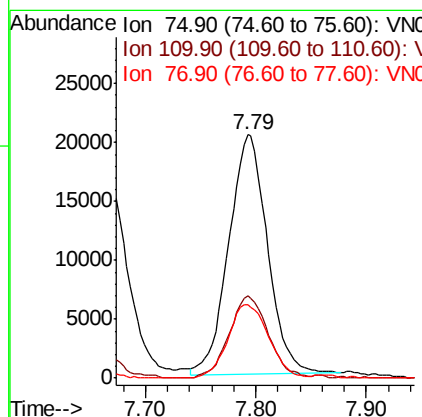
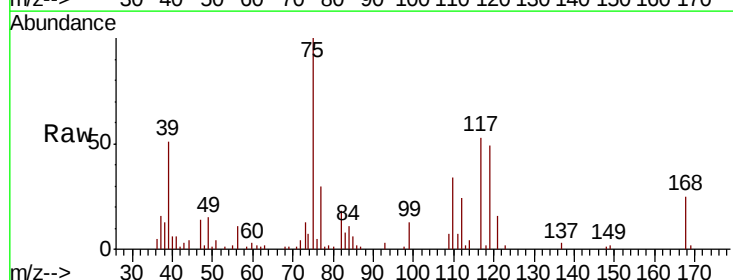
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

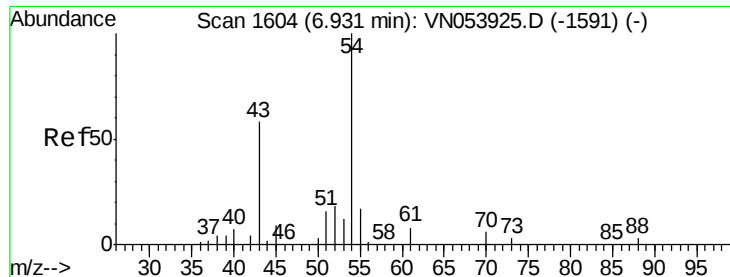
Tgt Ion: 113 Resp: 34703
 Ion Ratio Lower Upper
 113 100
 111 104.4 81.1 121.7
 192 22.6 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 5.057 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

Tgt Ion: 75 Resp: 49374
 Ion Ratio Lower Upper
 75 100
 110 34.7 19.0 57.0
 77 32.3 25.4 38.0

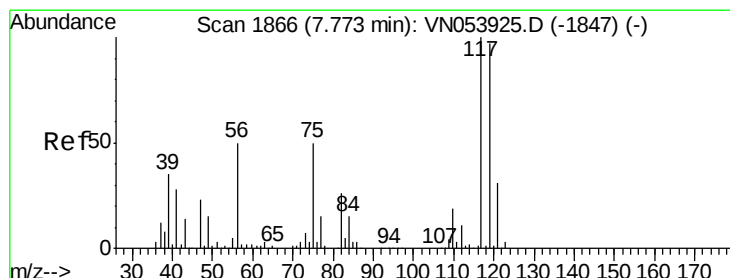
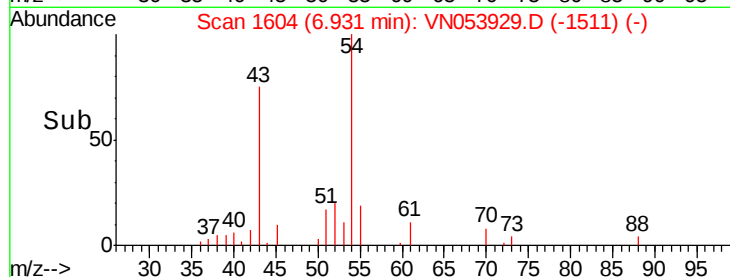
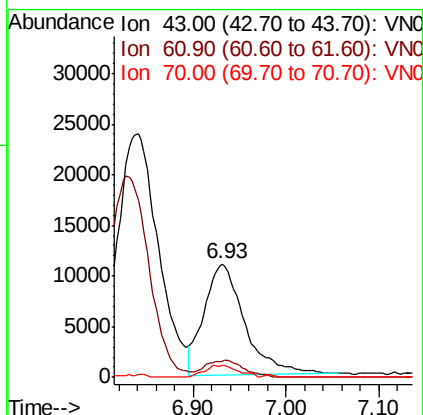
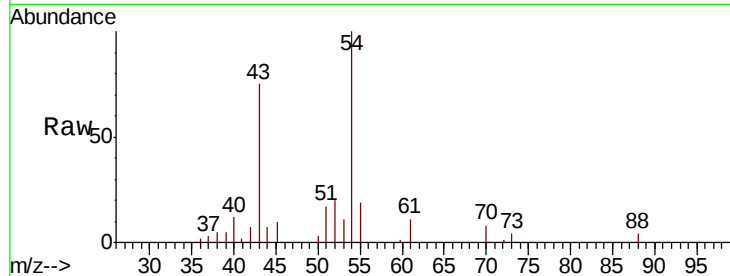




#37
 Ethyl Acetate
 Concen: 4.808 ug/l
 RT: 6.93 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

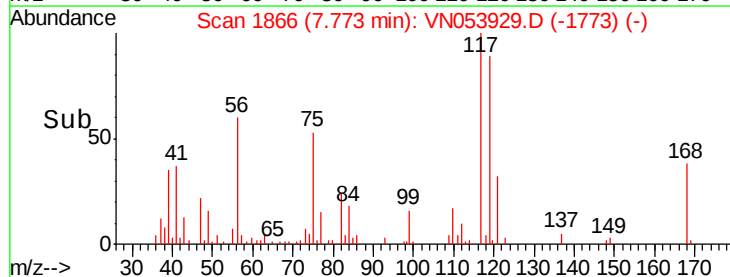
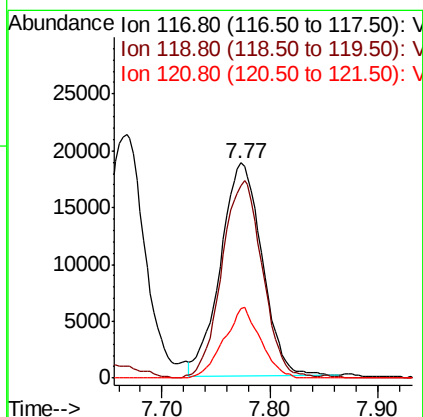
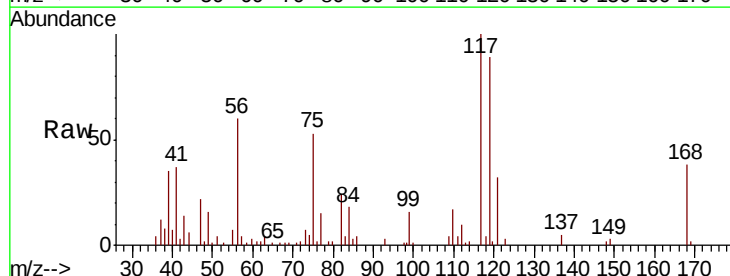
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

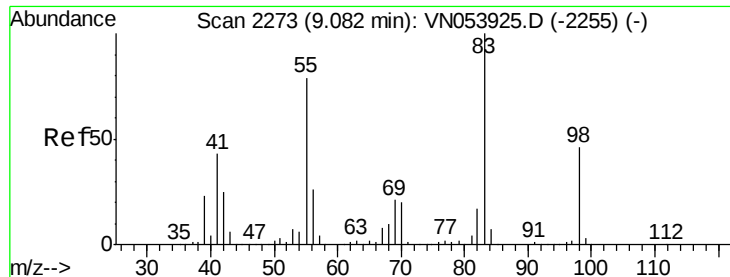
Tgt Ion: 43 Resp: 33520
 Ion Ratio Lower Upper
 43 100
 61 14.7 12.0 18.0
 70 8.9 8.7 13.1



#38
 Carbon Tetrachloride
 Concen: 4.948 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

Tgt Ion: 117 Resp: 50243
 Ion Ratio Lower Upper
 117 100
 119 89.7 76.2 114.2
 121 32.6 24.6 36.8

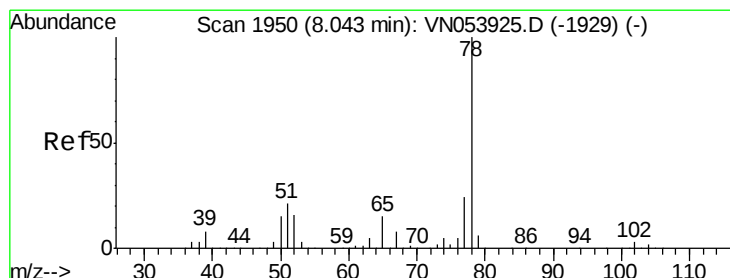
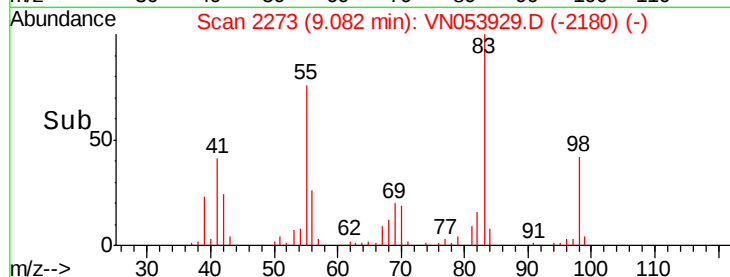
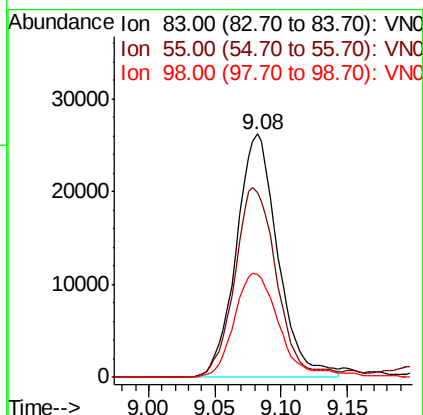
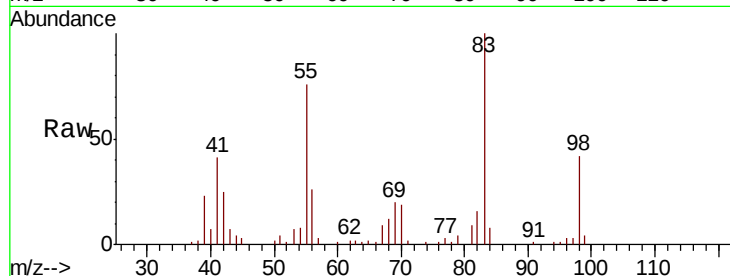




#39
Methylcyclohexane
Concen: 4.854 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053929.D
Acq: 25 Feb 2019 14:50

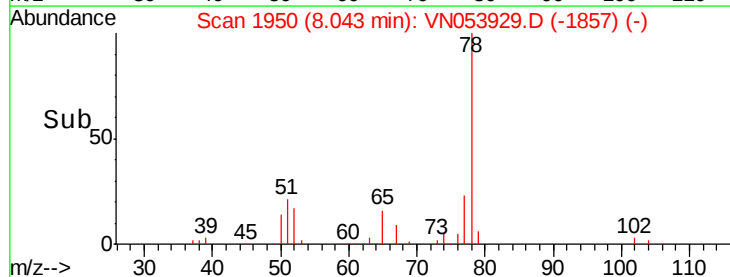
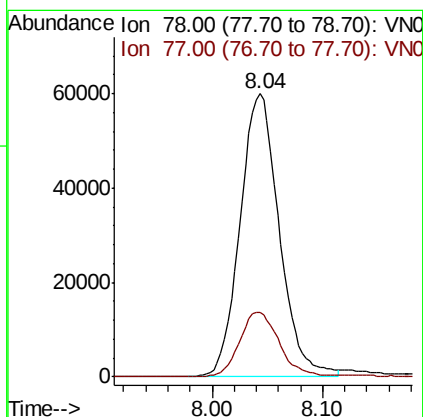
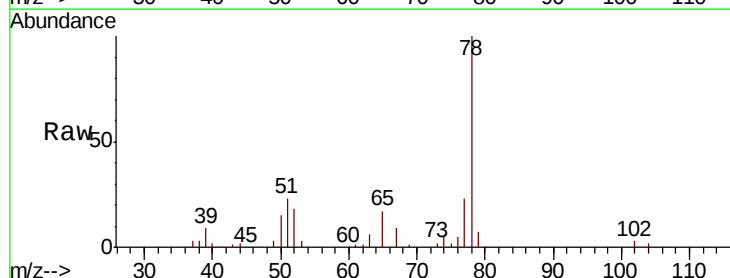
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

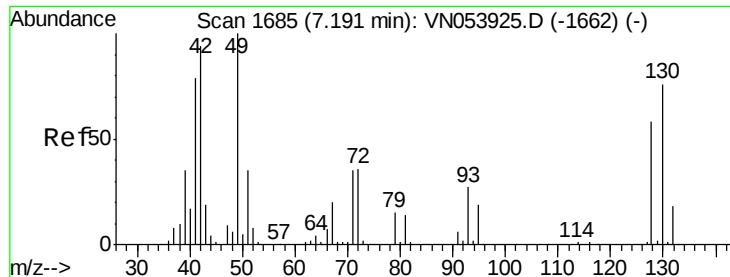
Tgt Ion: 83 Resp: 57115
Ion Ratio Lower Upper
83 100
55 76.0 58.2 87.4
98 42.3 37.2 55.8



#40
Benzene
Concen: 4.933 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053929.D
Acq: 25 Feb 2019 14:50

Tgt Ion: 78 Resp: 147947
Ion Ratio Lower Upper
78 100
77 22.6 18.8 28.2





#41

Methacrylonitrile

Concen: 10.588 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.02 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 47530

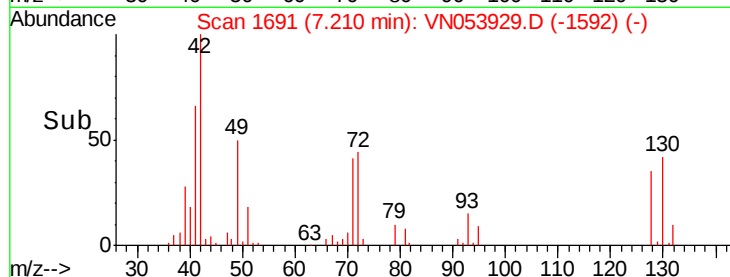
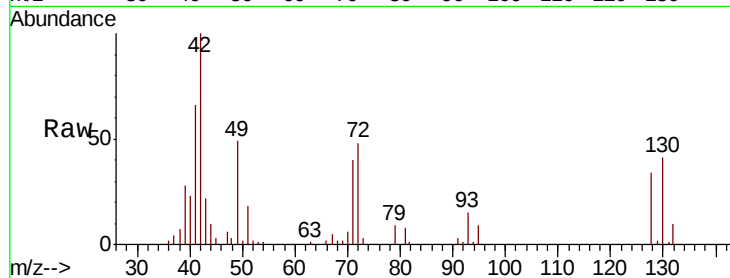
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

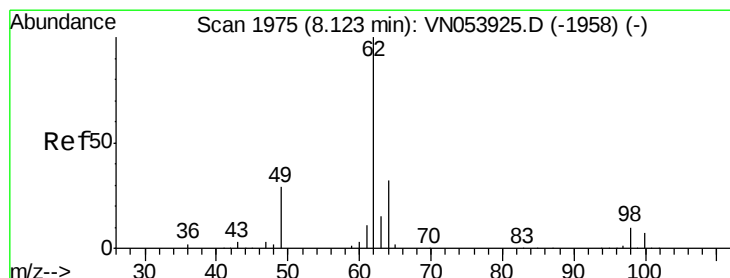
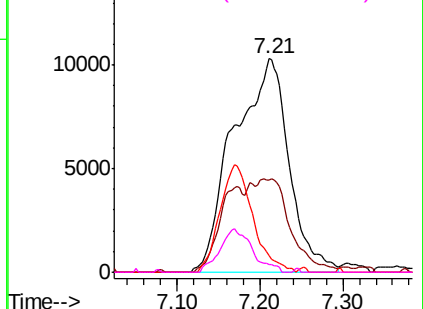


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 5.136 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN053929.D

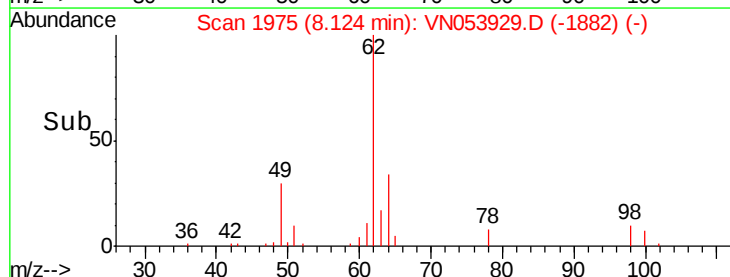
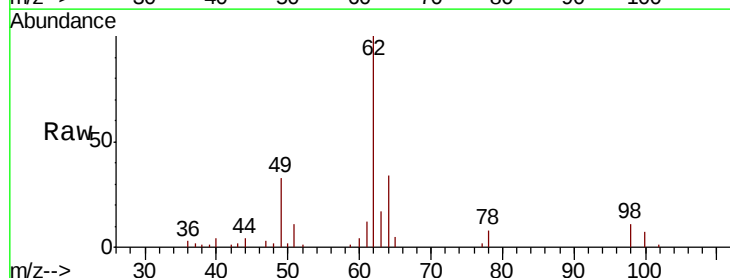
Acq: 25 Feb 2019 14:50

Tgt Ion: 62 Resp: 47693

Ion Ratio Lower Upper

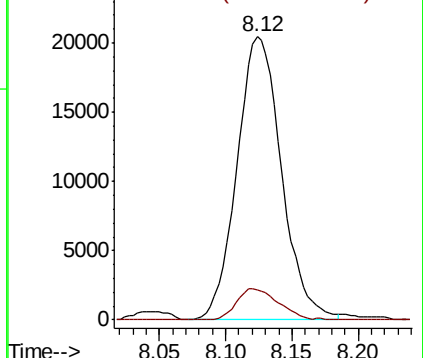
62 100

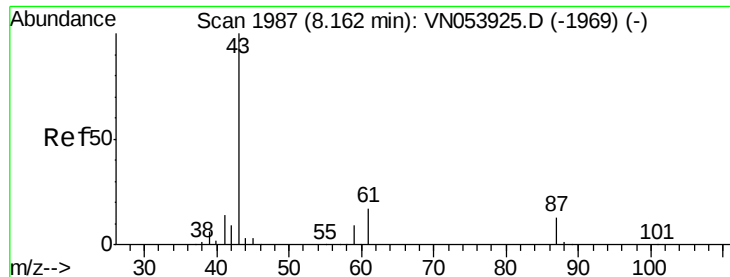
98 10.3 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 5.177 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

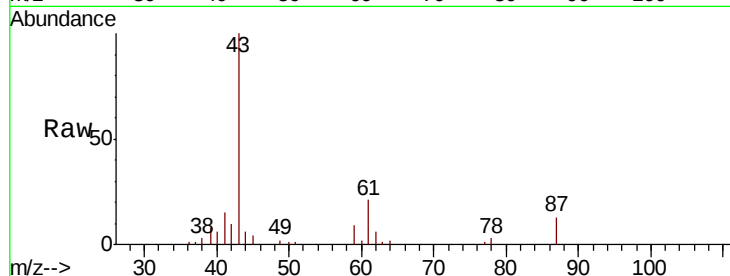
Tgt Ion: 43 Resp: 60934

Ion Ratio Lower Upper

43 100

61 16.1 17.4 26.0#

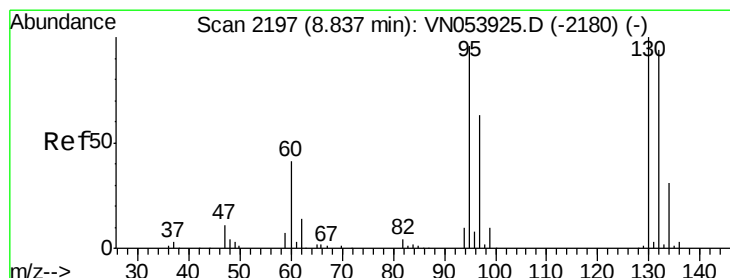
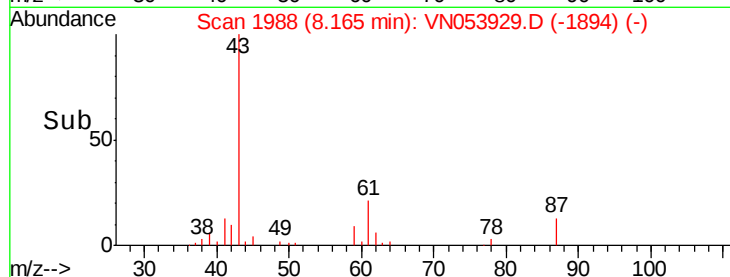
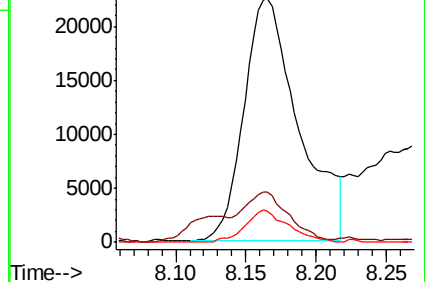
87 10.6 11.5 17.3#



Abundance Ion 43.00 (42.70 to 43.70): VN053929.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN053929.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN053929.D (-1969) (-)



#44

Trichloroethene

Concen: 4.913 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN053929.D

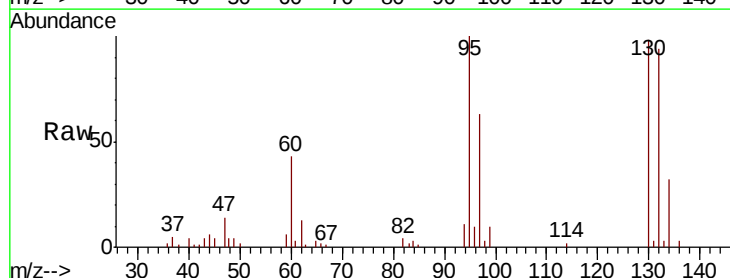
Acq: 25 Feb 2019 14:50

Tgt Ion: 130 Resp: 39065

Ion Ratio Lower Upper

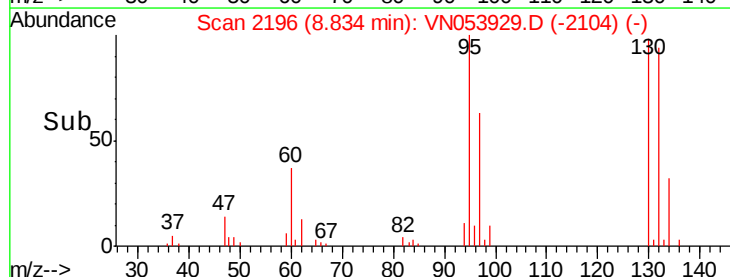
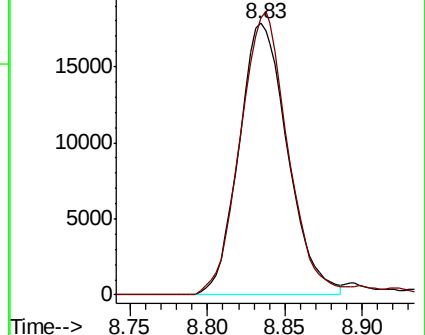
130 100

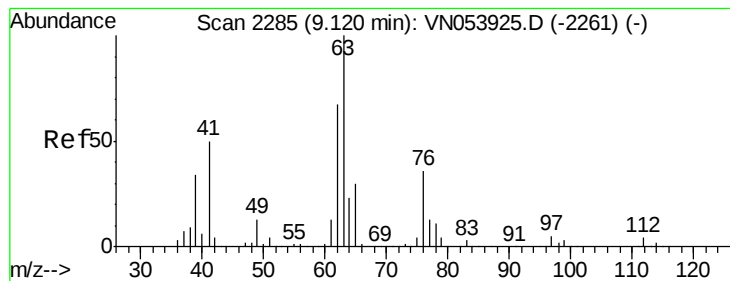
95 102.0 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): VN053929.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN053929.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 5.001 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

Instrument :

MSVOA_N

ClientSampled :

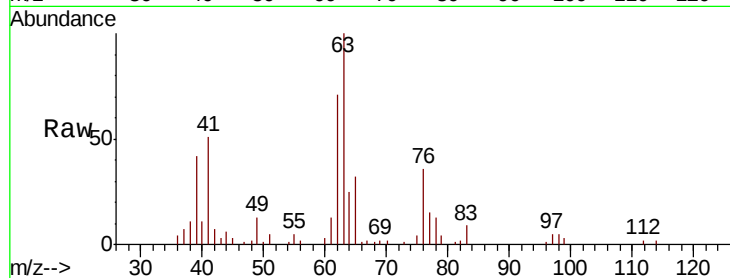
VSTDIC005

Tgt Ion: 63 Resp: 40471

Ion Ratio Lower Upper

63 100

65 31.5 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VN053929.D (-2192) (-)

Ion 64.90 (64.60 to 65.60): VN053929.D (-2192) (-)

9.12

20000

15000

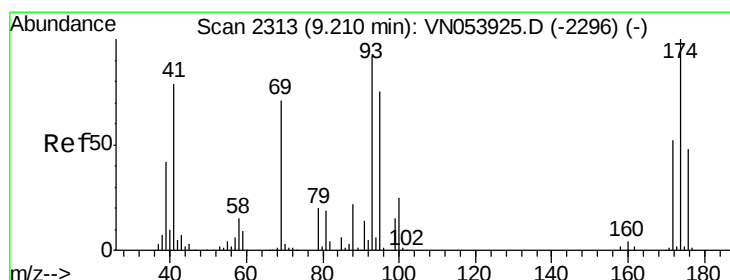
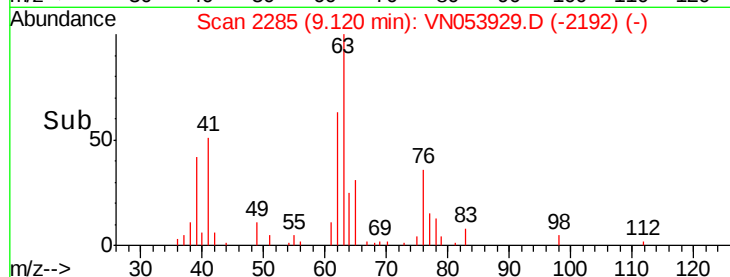
10000

5000

0

9.00 9.10 9.20

Time-->



#46

Dibromomethane

Concen: 5.100 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

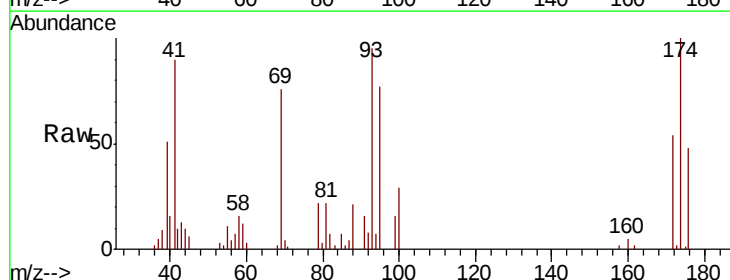
Tgt Ion: 93 Resp: 23960

Ion Ratio Lower Upper

93 100

95 80.5 66.6 100.0

174 106.0 96.2 144.4



Abundance Ion 92.80 (92.50 to 93.50): VN053929.D (-2220) (-)

Ion 94.80 (94.50 to 95.50): VN053929.D (-2220) (-)

Ion 173.70 (173.40 to 174.40): VN053929.D (-2220) (-)

9.21

15000

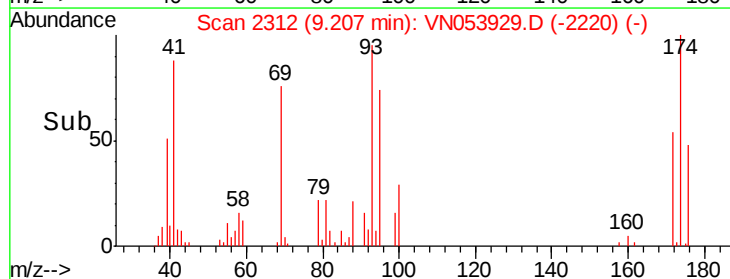
10000

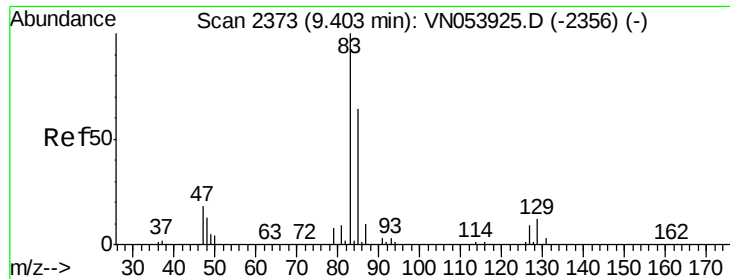
5000

0

9.15 9.20 9.25 9.30

Time-->





#47

Bromodichloromethane

Concen: 4.898 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

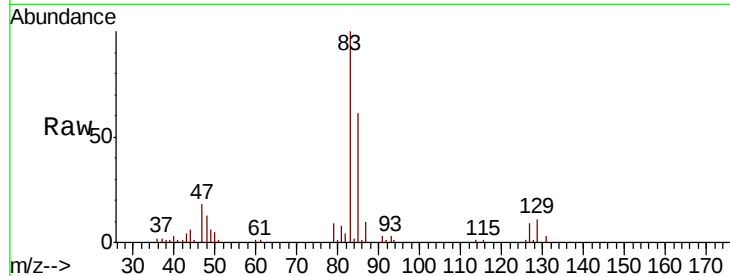
Tgt Ion: 83 Resp: 48488

Ion Ratio Lower Upper

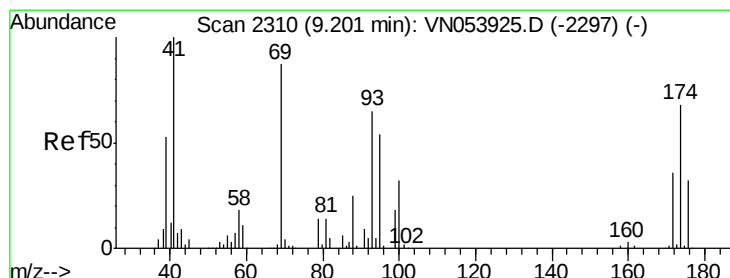
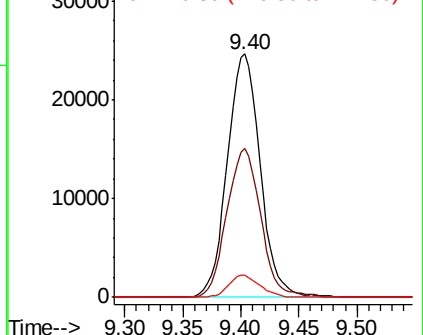
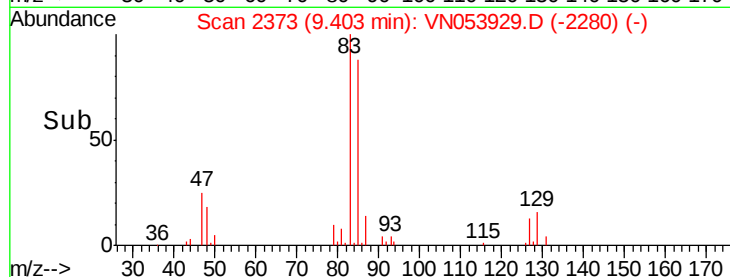
83 100

85 61.3 51.8 77.6

127 8.9 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN053929.D (-2280) (-)



#48

Methyl methacrylate

Concen: 4.618 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

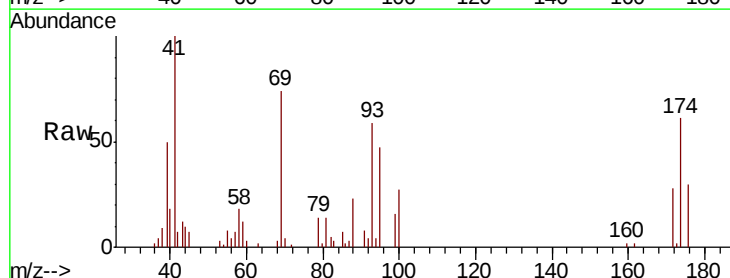
Tgt Ion: 41 Resp: 25002

Ion Ratio Lower Upper

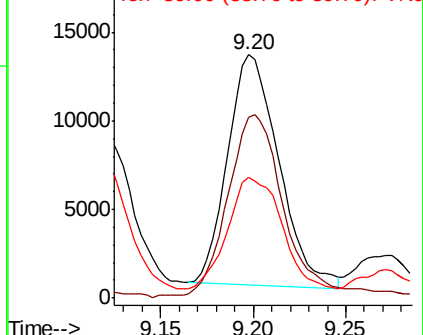
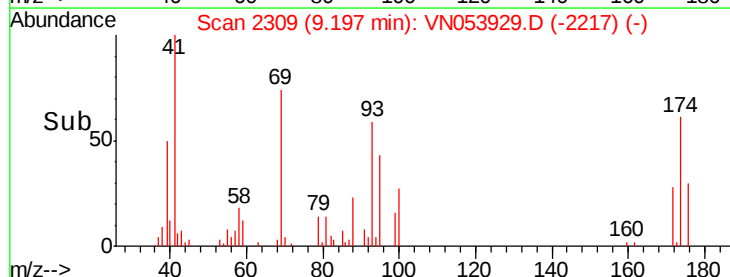
41 100

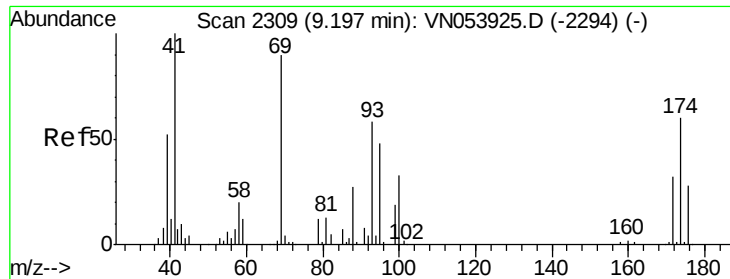
69 90.4 74.8 112.2

39 57.9 39.0 58.6



Abundance Ion 41.00 (40.70 to 41.70): VN053929.D (-2217) (-)

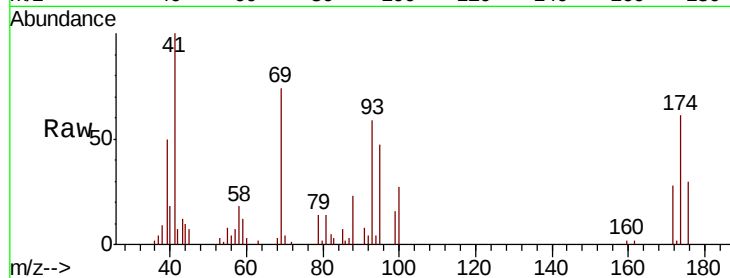




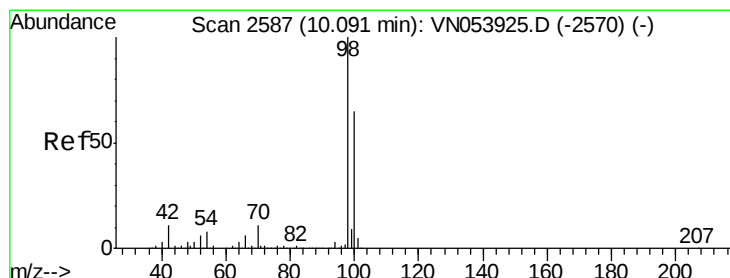
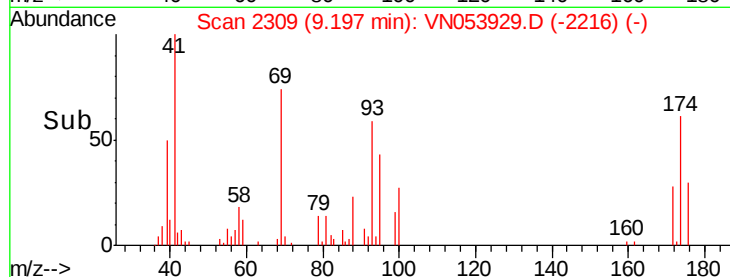
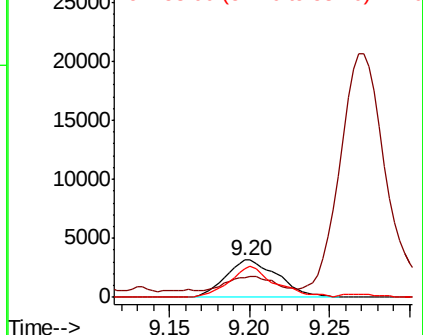
#49
 1,4-Dioxane
 Concen: 97.190 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 88 Resp: 7127
 Ion Ratio Lower Upper
 88 100
 43 31.4 21.2 31.8
 58 72.3 54.2 81.2

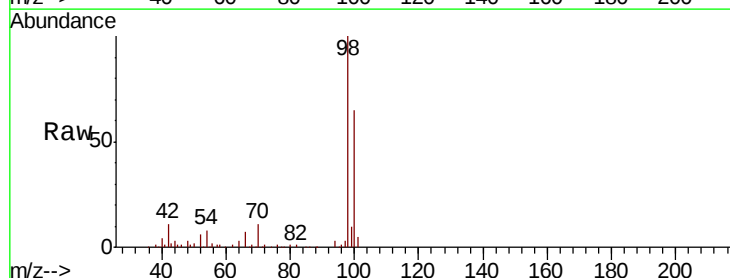


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

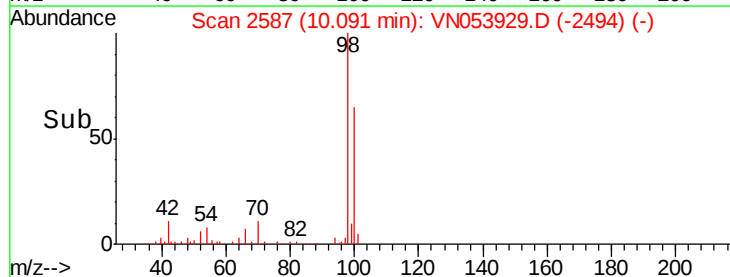
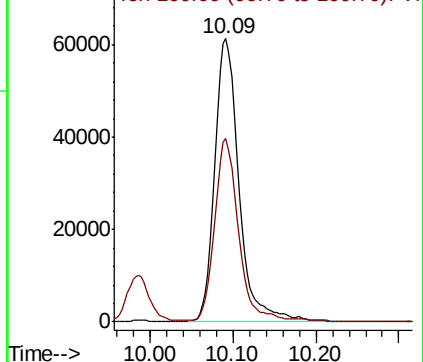


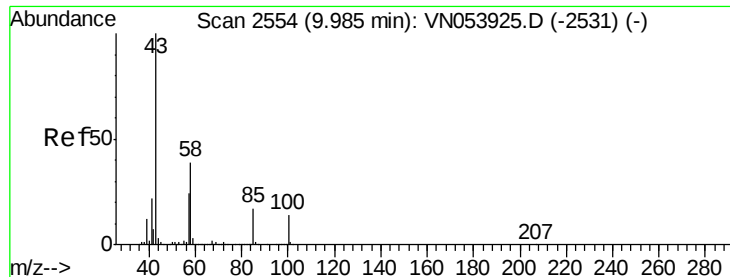
#50
 Toluene-d8
 Concen: 4.940 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

Tgt Ion: 98 Resp: 124854
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.9 77.9



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

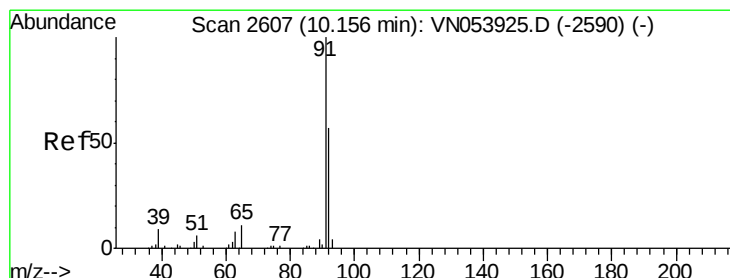
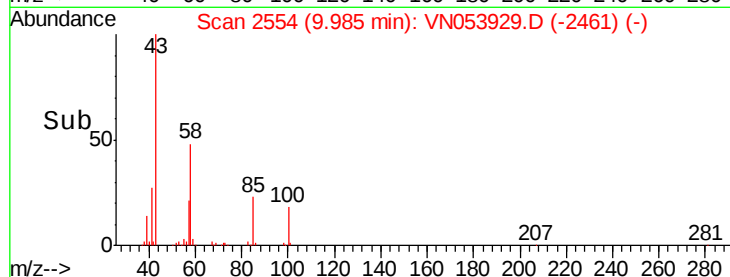
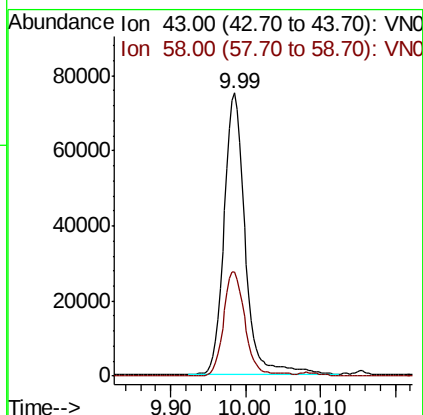
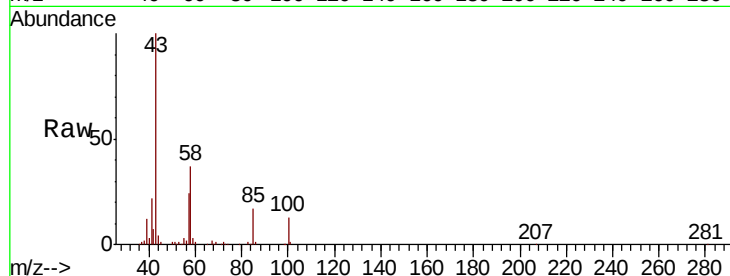




#51
 4-Methyl-2-Pentanone
 Concen: 24.154 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

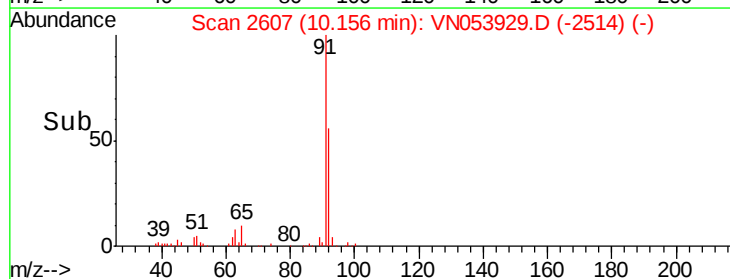
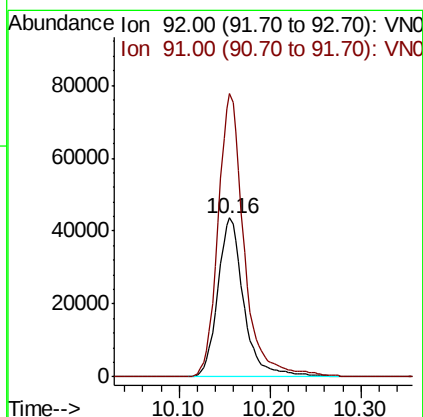
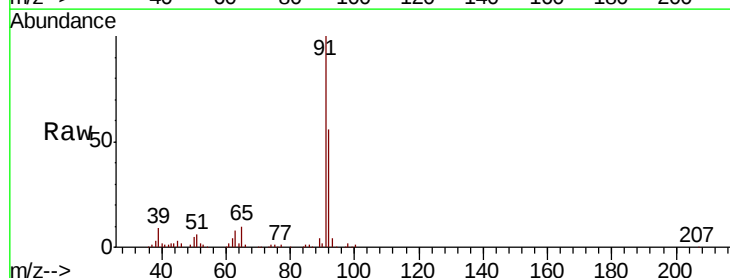
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

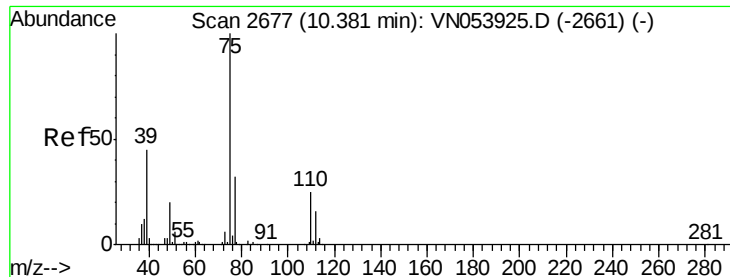
Tgt Ion: 43 Resp: 146095
 Ion Ratio Lower Upper
 43 100
 58 38.1 32.7 49.1



#52
 Toluene
 Concen: 4.926 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

Tgt Ion: 92 Resp: 86999
 Ion Ratio Lower Upper
 92 100
 91 178.0 138.4 207.6





#53

t-1,3-Dichloropropene

Concen: 4.662 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

Instrument :

MSVOA_N

ClientSampled :

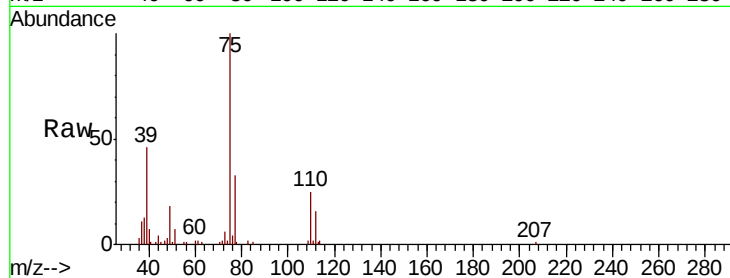
VSTDIC005

Tgt Ion: 75 Resp: 44914

Ion Ratio Lower Upper

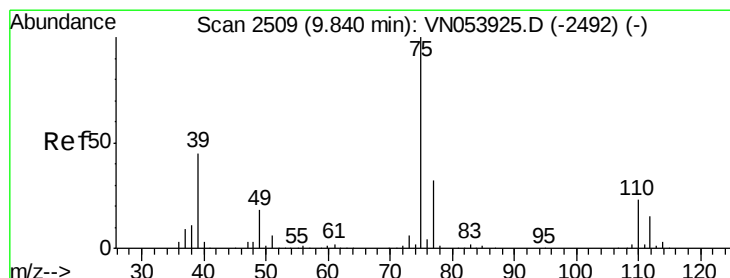
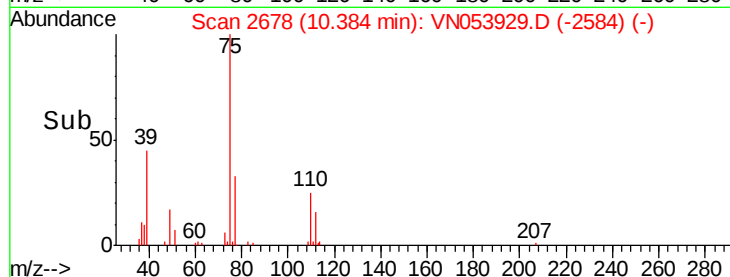
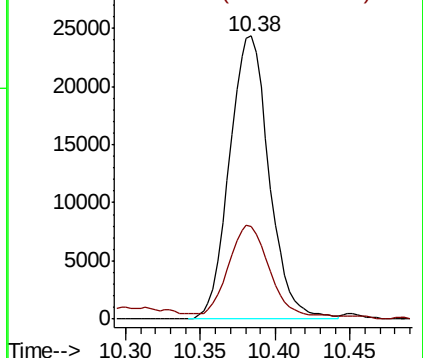
75 100

77 31.4 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 4.690 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

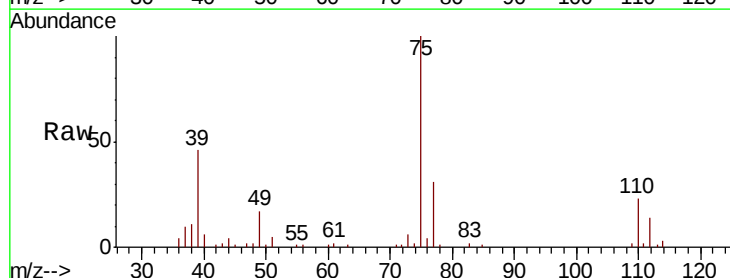
Tgt Ion: 75 Resp: 53258

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.6

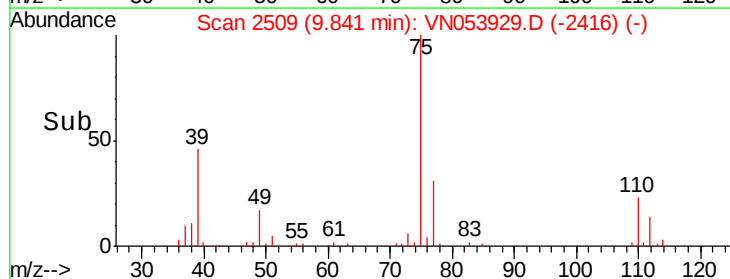
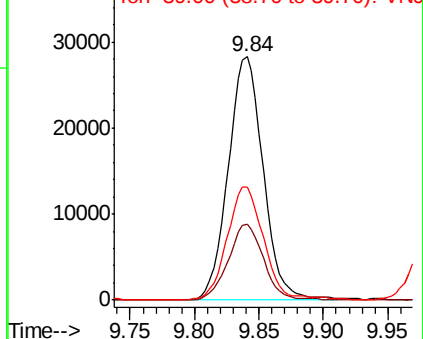
39 46.4 31.4 47.0

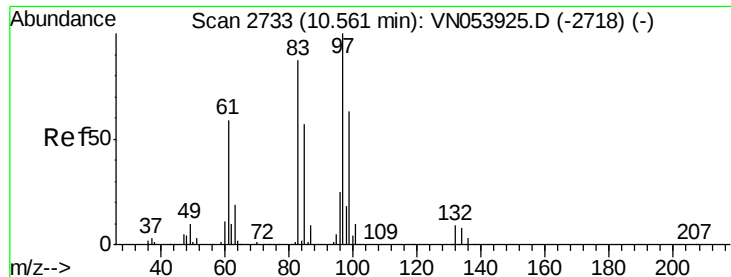


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

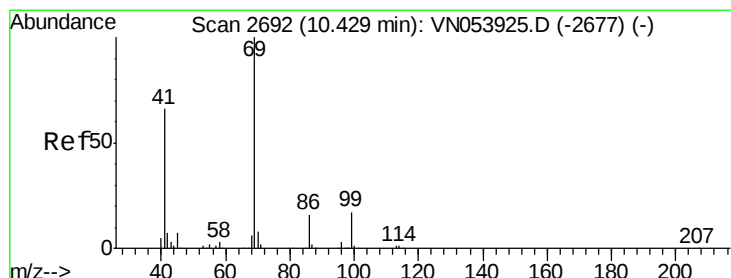
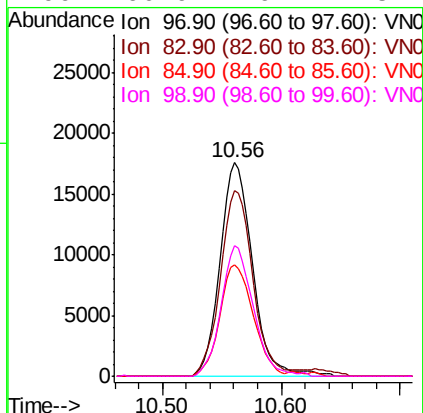
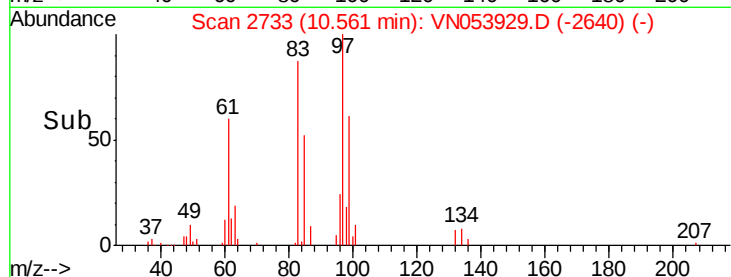
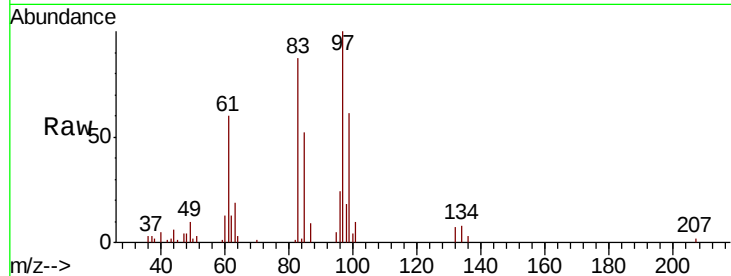




#55
 1,1,2-Trichloroethane
 Concen: 5.038 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

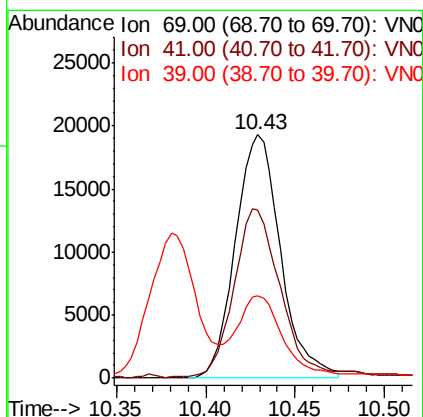
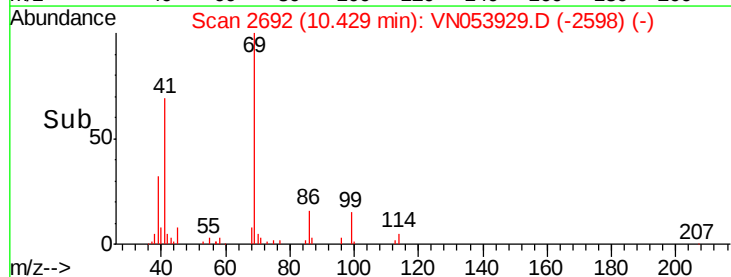
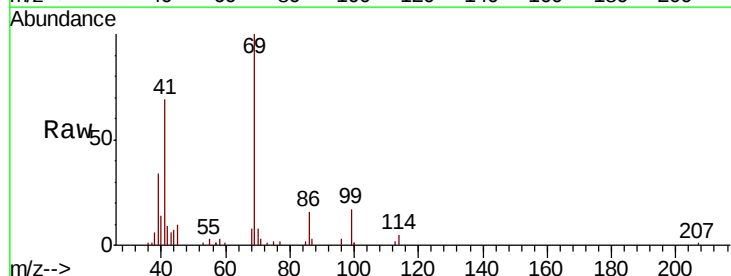
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

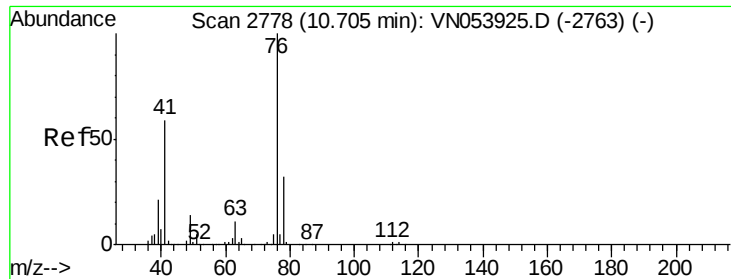
Tgt Ion:	97	Resp:	33230
Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.5	104.3
85	52.2	45.9	68.9
99	60.9	49.1	73.7



#56
 Ethyl methacrylate
 Concen: 5.756 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

Tgt Ion:	69	Resp:	34211
Ion	Ratio	Lower	Upper
69	100		
41	71.8	47.5	71.3#
39	31.7	23.4	35.0

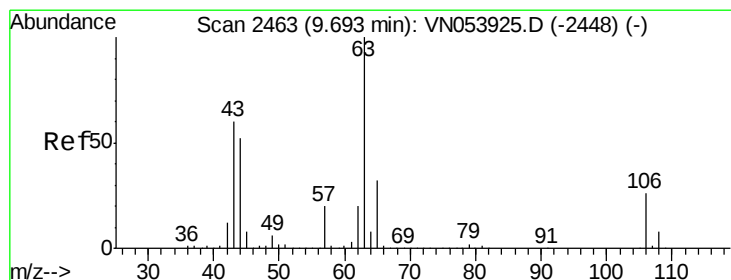
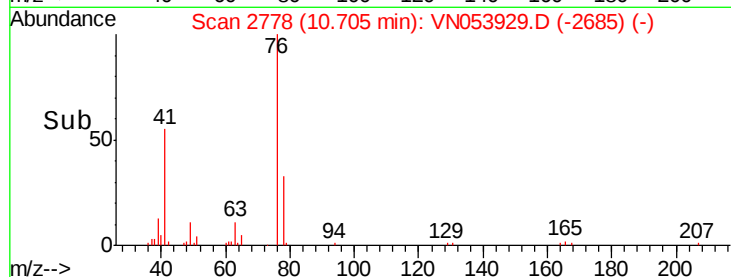
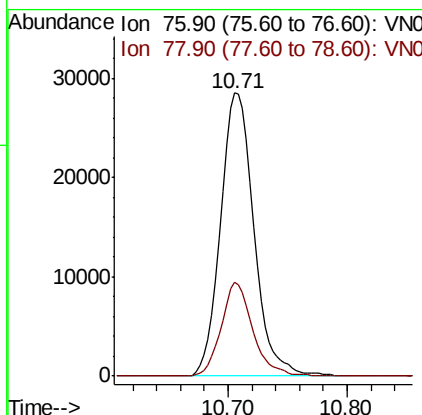
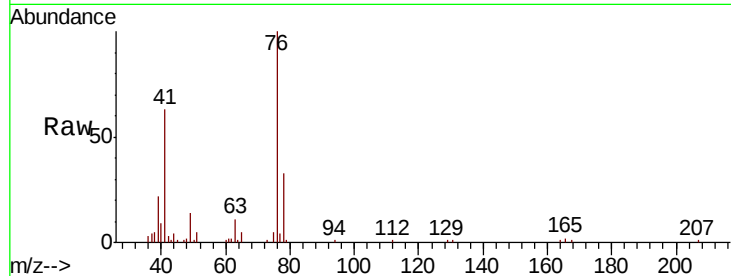




#57
 1,3-Dichloropropane
 Concen: 4.978 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

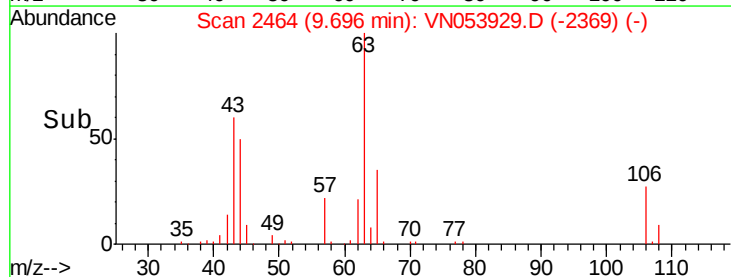
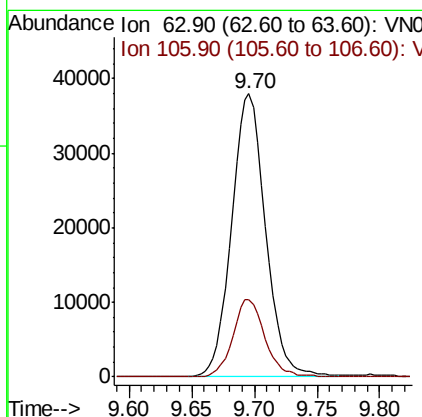
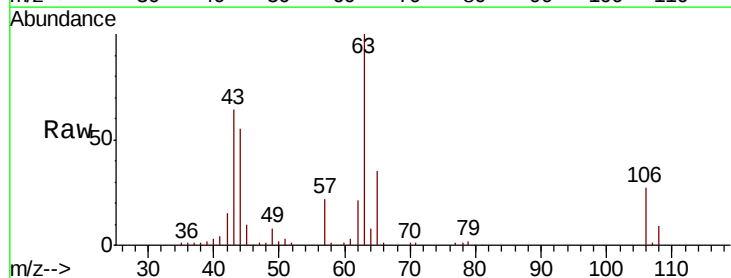
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

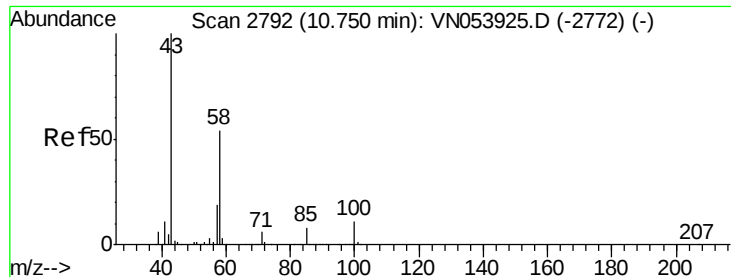
Tgt Ion: 76 Resp: 55471
 Ion Ratio Lower Upper
 76 100
 78 31.0 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 30.402 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

Tgt Ion: 63 Resp: 71470
 Ion Ratio Lower Upper
 63 100
 106 25.8 22.2 33.2

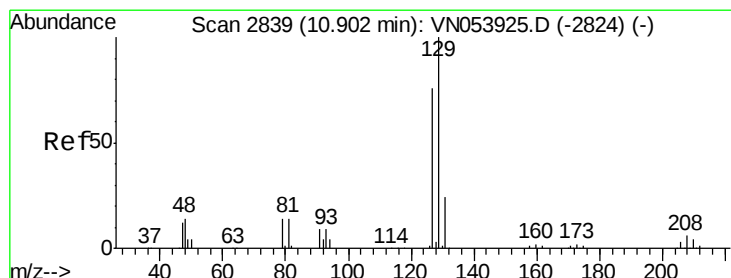
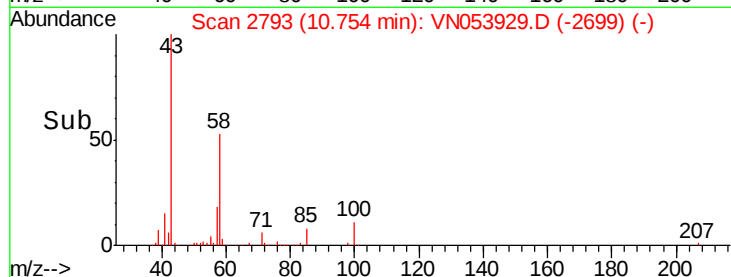
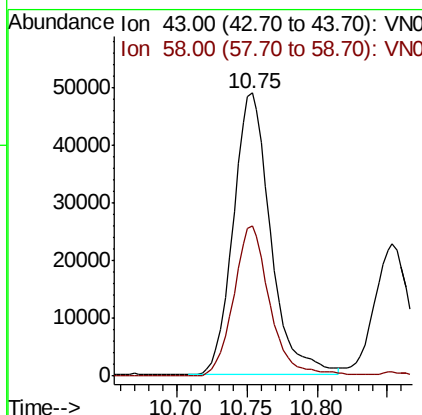
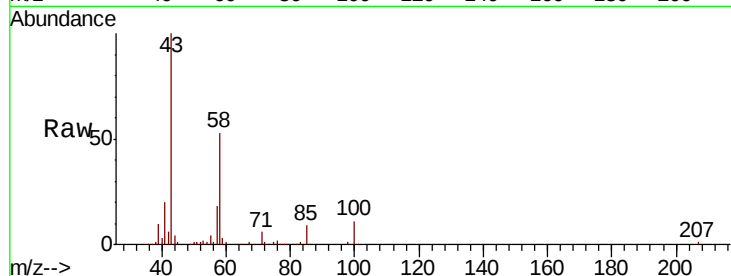




#59
2-Hexanone
Concen: 23.048 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN053929.D
Acq: 25 Feb 2019 14:50

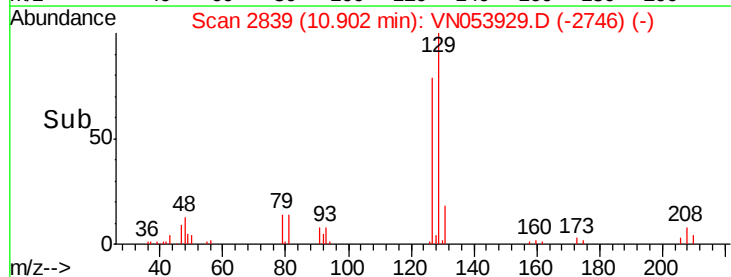
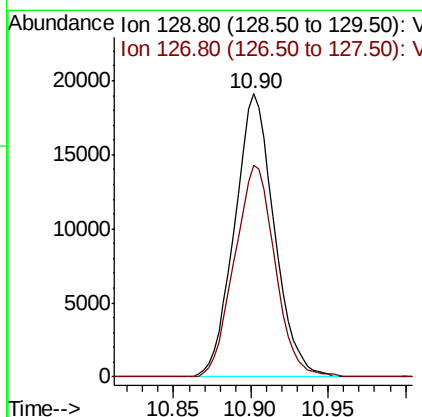
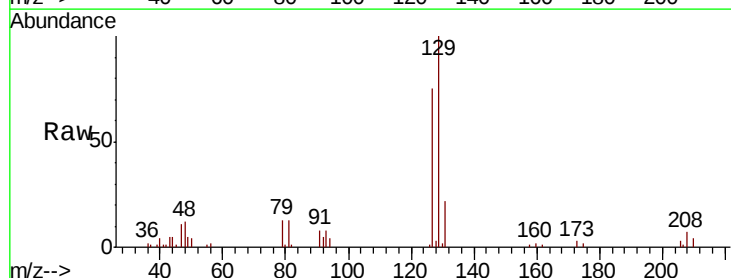
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

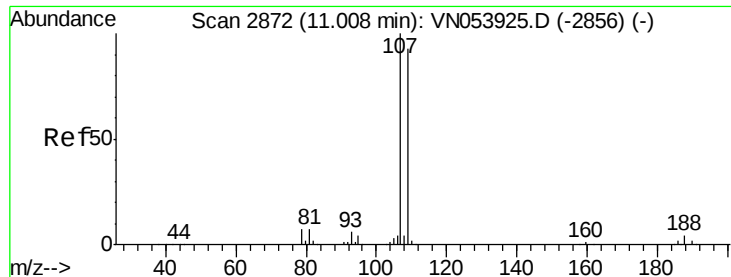
Tgt Ion: 43 Resp: 90669
Ion Ratio Lower Upper
43 100
58 52.1 29.1 87.4



#60
Dibromochloromethane
Concen: 4.640 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053929.D
Acq: 25 Feb 2019 14:50

Tgt Ion: 129 Resp: 34015
Ion Ratio Lower Upper
129 100
127 76.5 38.8 116.3

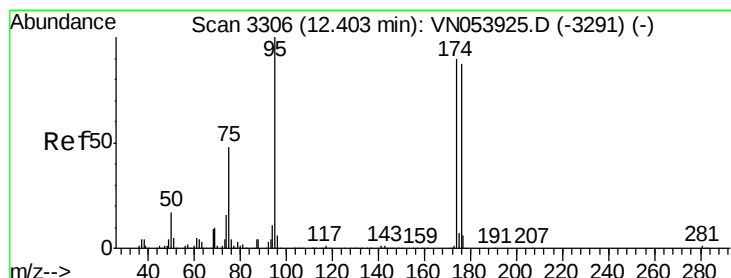
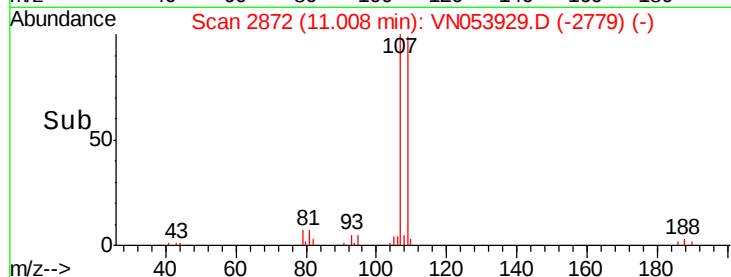
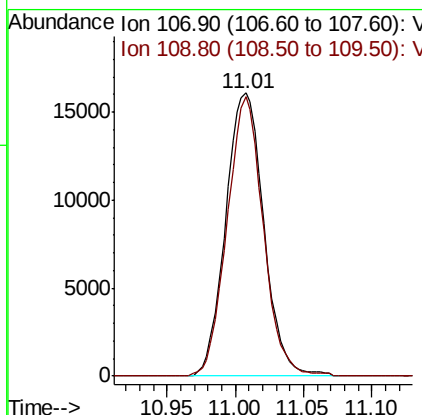
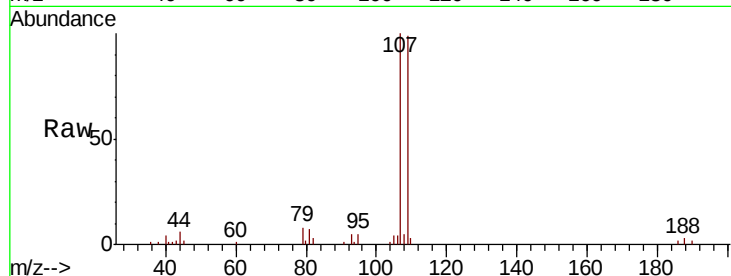




#61
 1,2-Dibromoethane
 Concen: 4.907 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

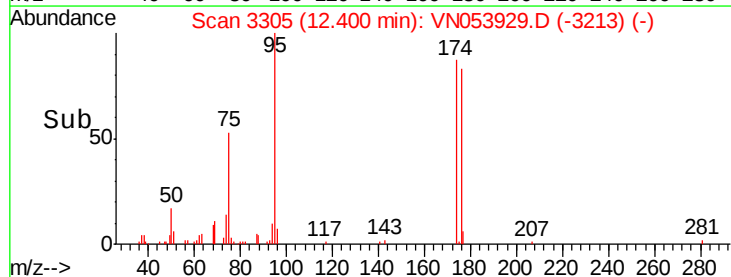
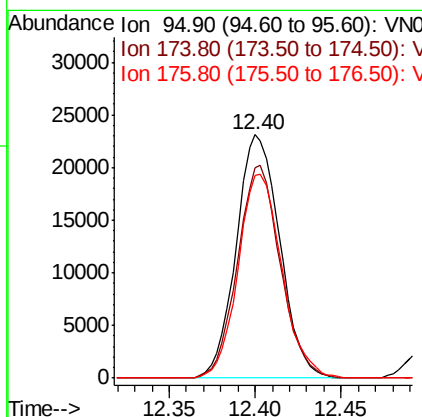
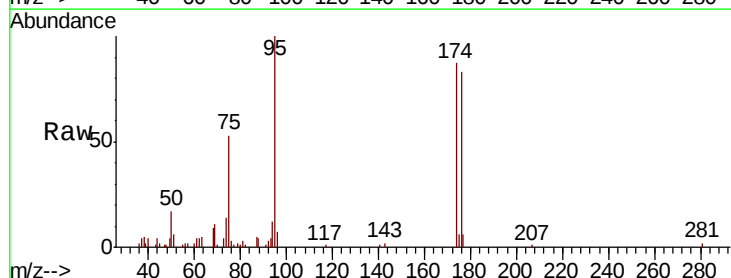
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

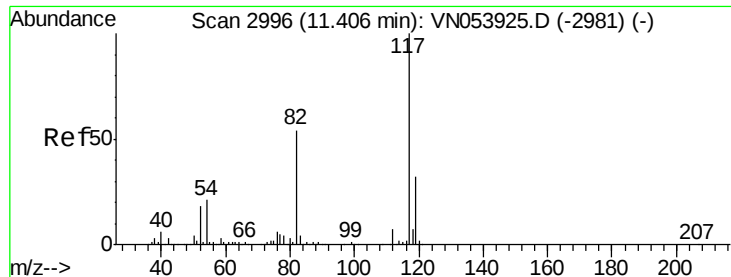
Tgt Ion: 107 Resp: 31222
 Ion Ratio Lower Upper
 107 100
 109 93.5 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 4.830 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

Tgt Ion: 95 Resp: 40665
 Ion Ratio Lower Upper
 95 100
 174 85.8 0.0 188.8
 176 83.7 0.0 182.6

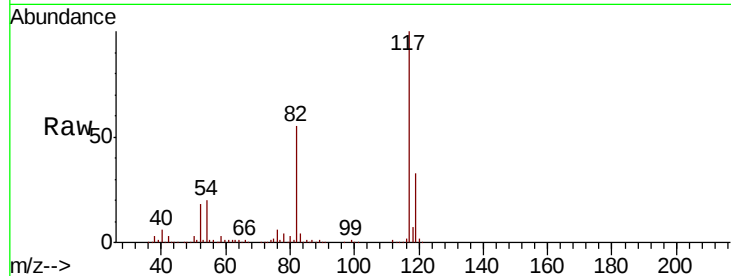




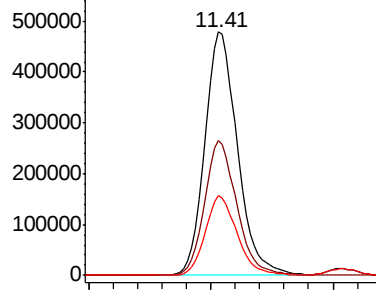
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053929.D
Acq: 25 Feb 2019 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

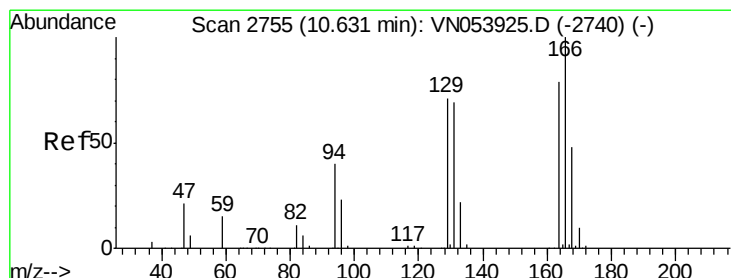
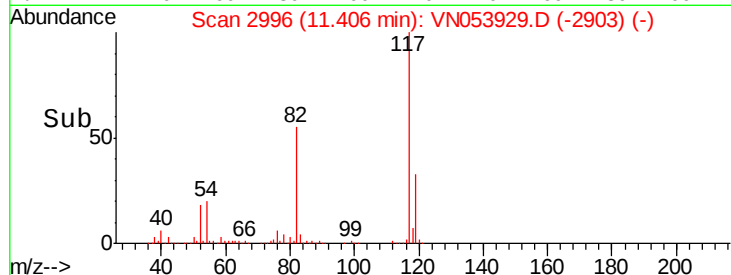
Tgt Ion:117 Resp: 888193
Ion Ratio Lower Upper
117 100
82 55.3 41.4 62.2
119 32.5 25.3 37.9



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

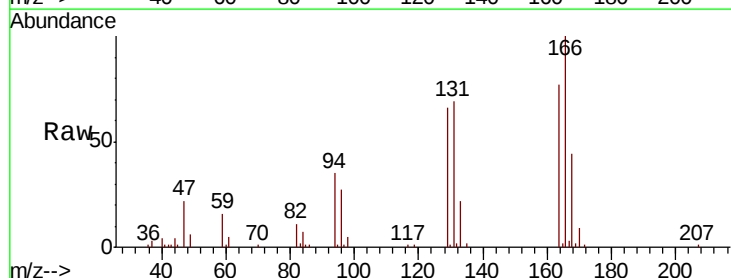


Time--> 11.30 11.40 11.50

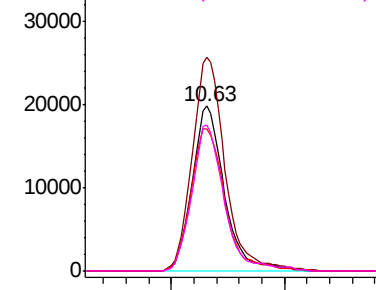


#64
Tetrachloroethene
Concen: 5.216 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053929.D
Acq: 25 Feb 2019 14:50

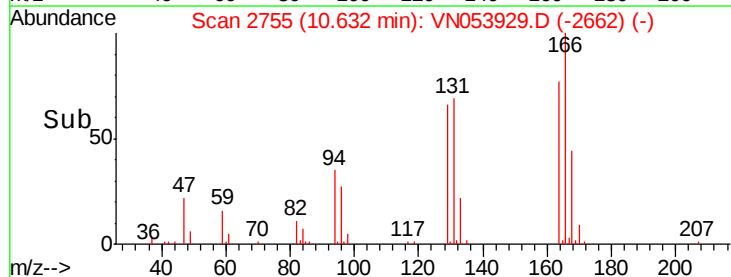
Tgt Ion:164 Resp: 39229
Ion Ratio Lower Upper
164 100
166 129.5 102.6 153.8
129 85.9 69.4 104.0
131 88.8 68.1 102.1

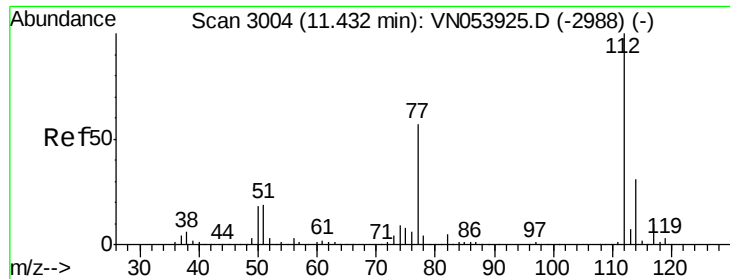


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



Time--> 10.60 10.70





#65

Chlorobenzene

Concen: 5.088 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

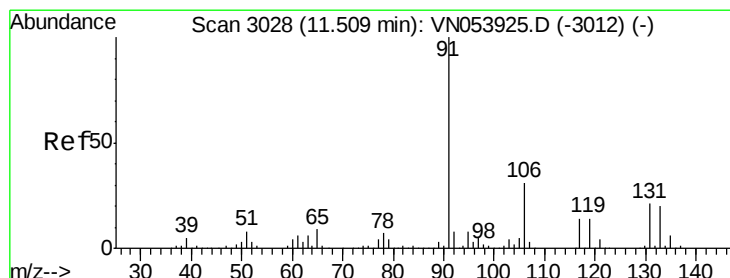
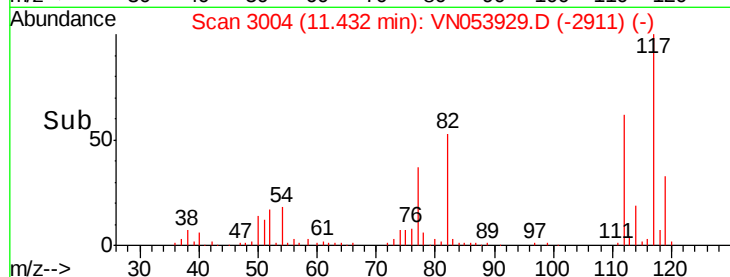
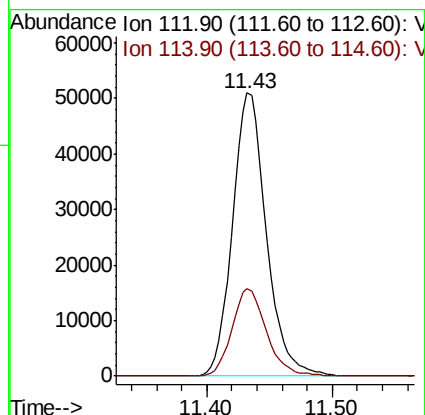
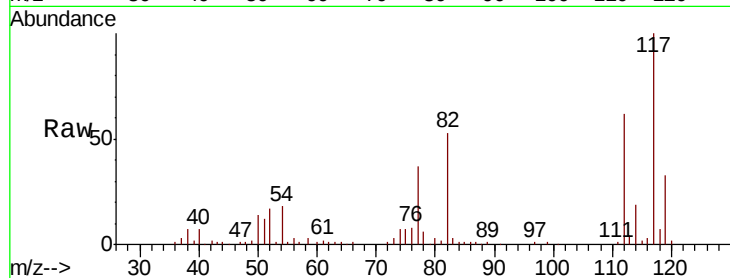
VSTDIC005

Tgt Ion:112 Resp: 95375

Ion Ratio Lower Upper

112 100

114 31.0 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 4.833 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

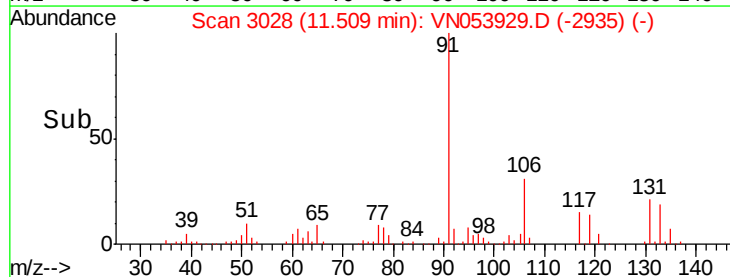
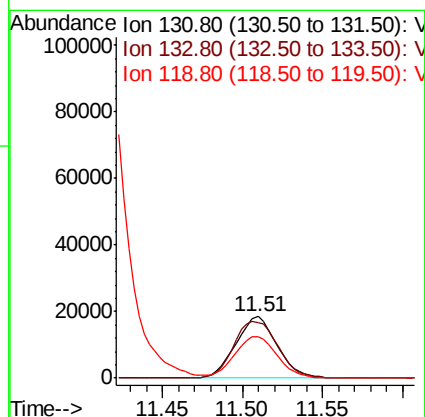
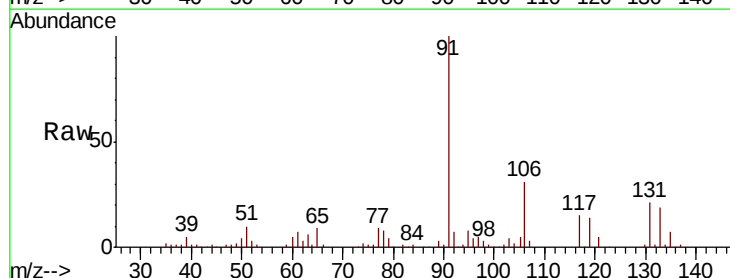
Tgt Ion:131 Resp: 32648

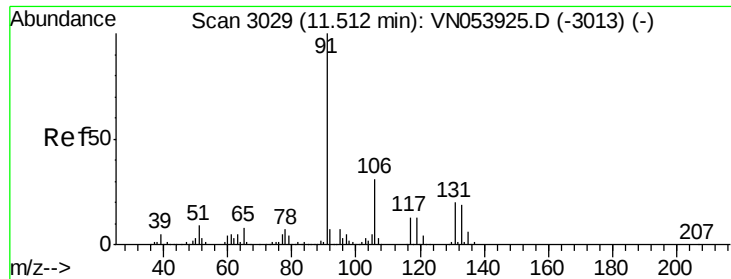
Ion Ratio Lower Upper

131 100

133 99.0 47.7 143.1

119 69.8 33.1 99.3

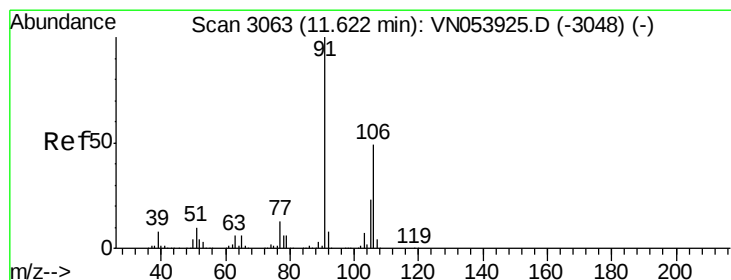
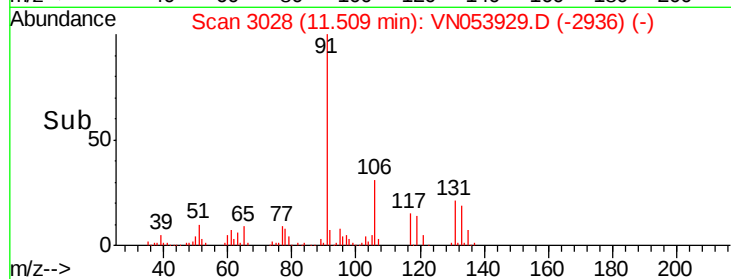
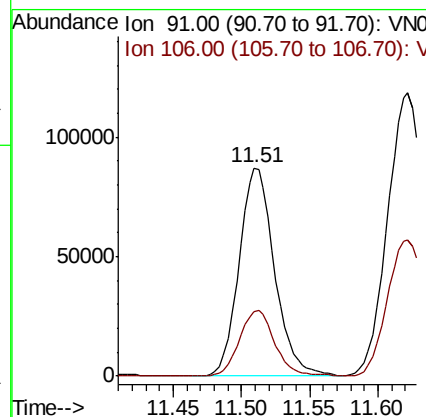
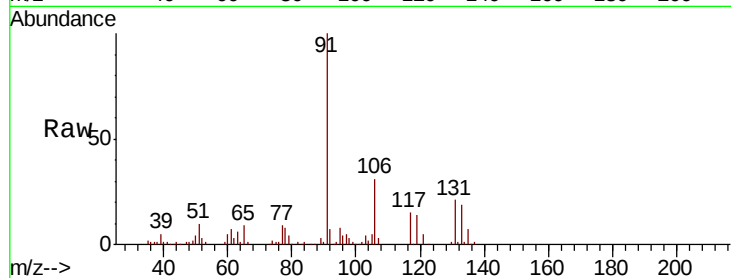




#67
Ethyl Benzene
Concen: 4.986 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053929.D
Acq: 25 Feb 2019 14:50

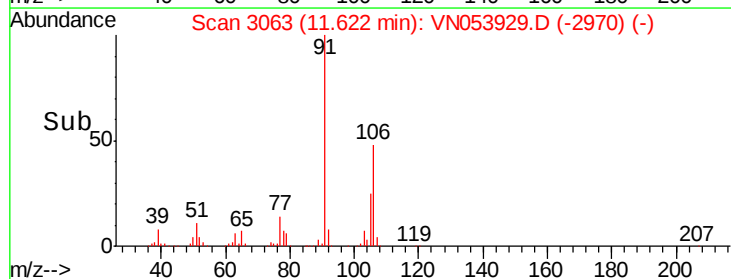
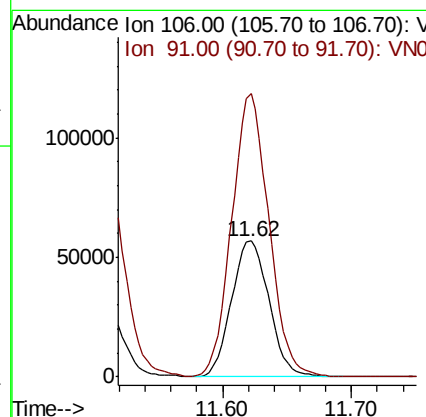
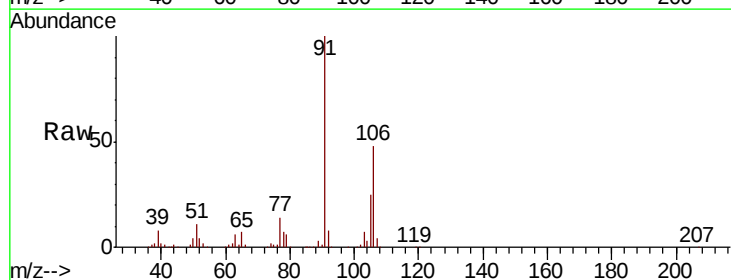
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

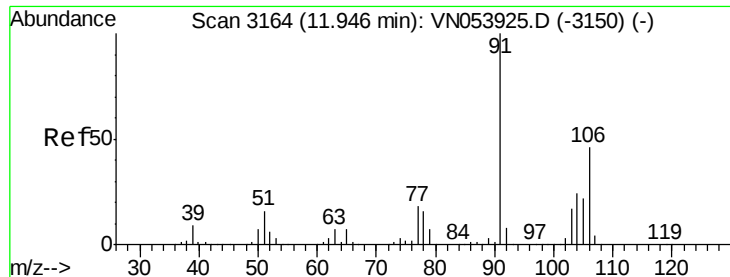
Tgt Ion: 91 Resp: 156683
Ion Ratio Lower Upper
91 100
106 31.2 25.2 37.8



#68
m/p-Xylenes
Concen: 9.702 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053929.D
Acq: 25 Feb 2019 14:50

Tgt Ion: 106 Resp: 115070
Ion Ratio Lower Upper
106 100
91 205.7 158.9 238.3

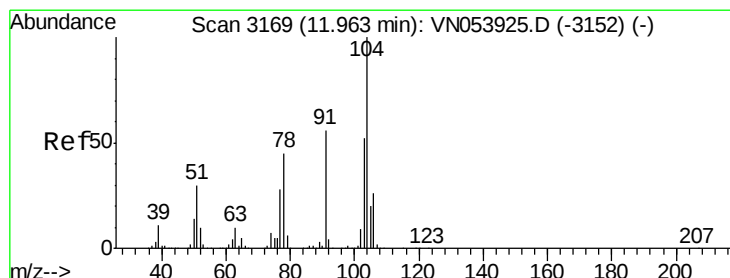
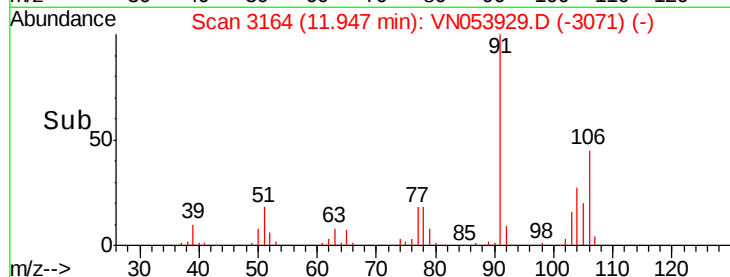
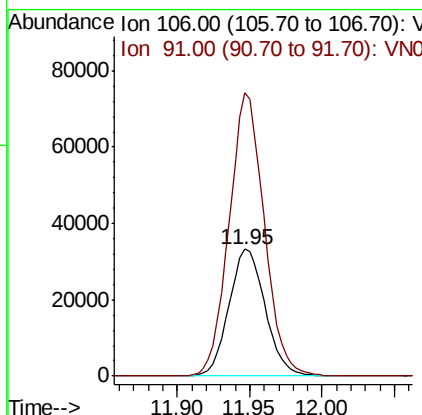
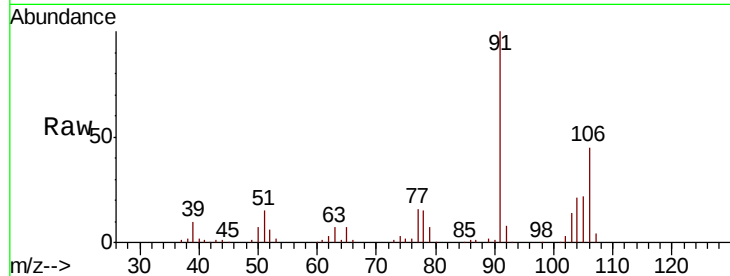




#69
o-Xylene
Concen: 4.952 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053929.D
Acq: 25 Feb 2019 14:50

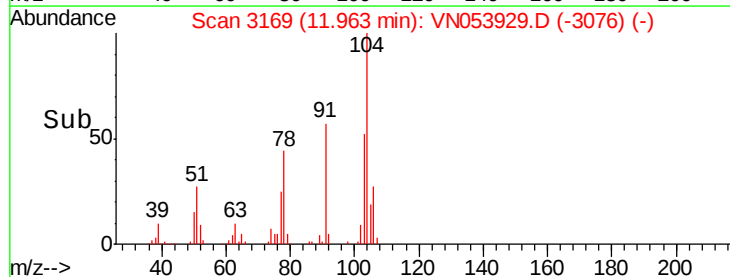
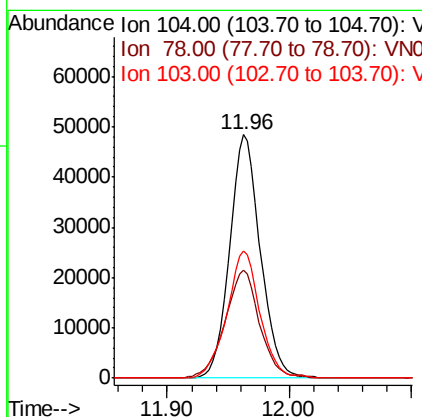
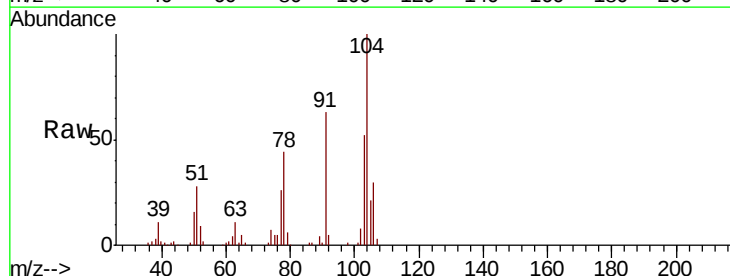
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

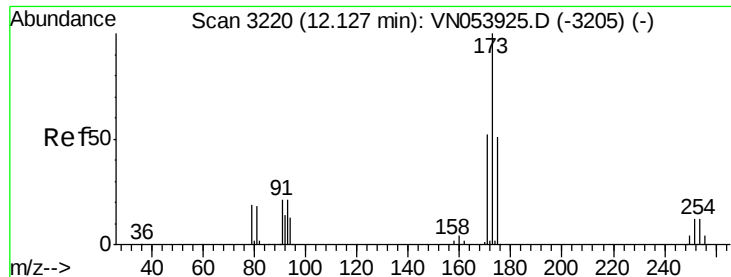
Tgt Ion:106 Resp: 57712
Ion Ratio Lower Upper
106 100
91 216.6 106.0 318.0



#70
Styrene
Concen: 4.741 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053929.D
Acq: 25 Feb 2019 14:50

Tgt Ion:104 Resp: 84983
Ion Ratio Lower Upper
104 100
78 49.6 38.1 57.1
103 56.3 44.6 67.0

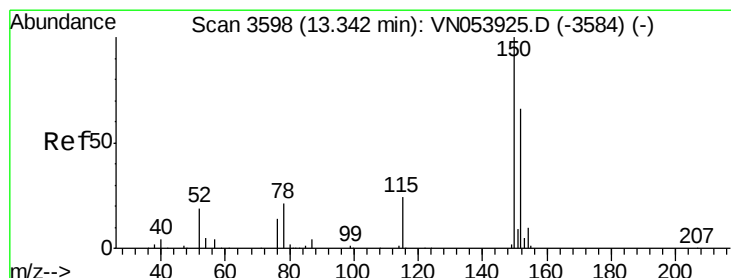
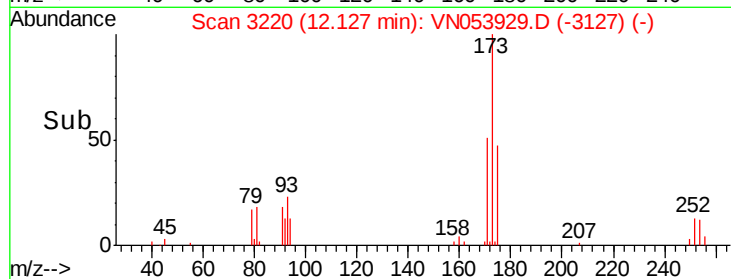
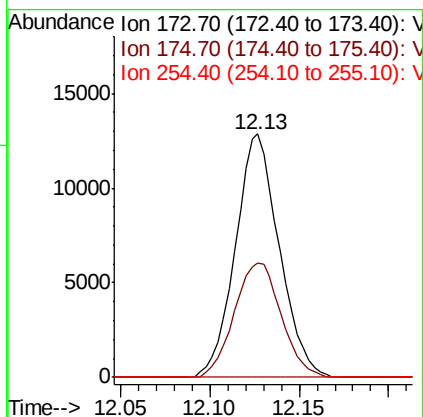
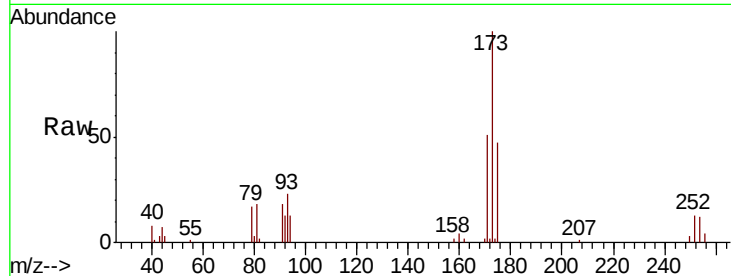




#71
Bromoform
Concen: 4.691 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN053929.D
Acq: 25 Feb 2019 14:50

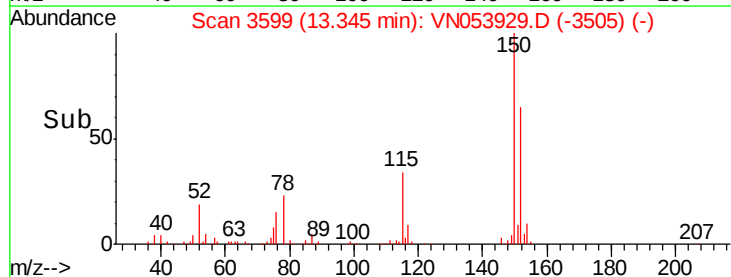
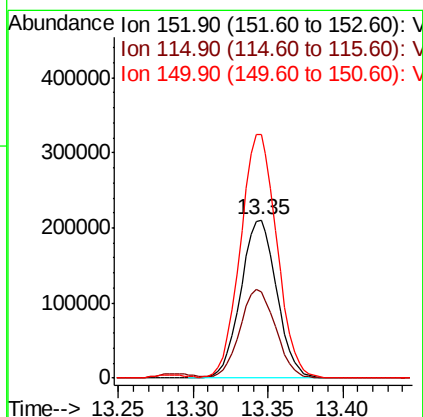
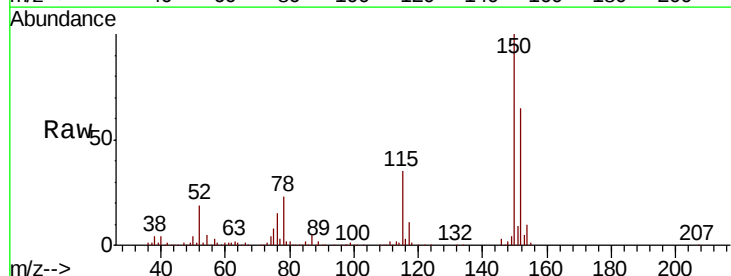
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

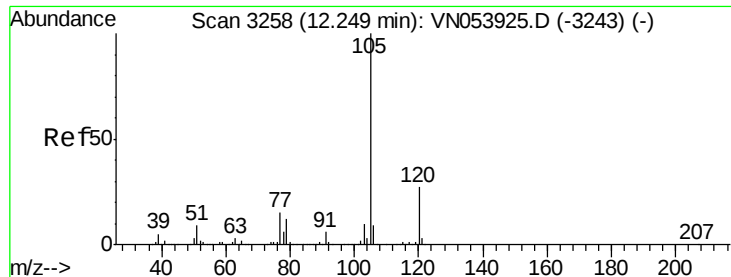
Tgt Ion:173 Resp: 22048
Ion Ratio Lower Upper
173 100
175 50.2 24.3 72.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053929.D
Acq: 25 Feb 2019 14:50

Tgt Ion:152 Resp: 351591
Ion Ratio Lower Upper
152 100
115 55.8 27.2 81.6
150 156.1 0.0 348.2





#73

Isopropylbenzene

Concen: 5.558 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

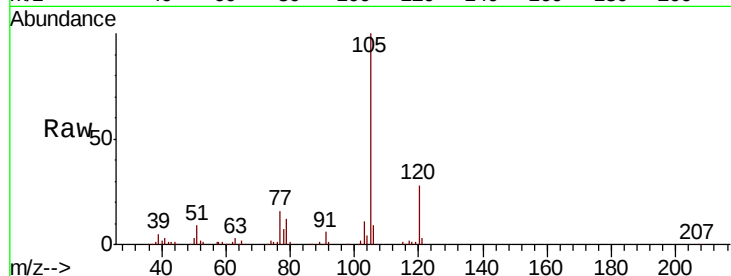
VSTDIC005

Tgt Ion: 105 Resp: 152128

Ion Ratio Lower Upper

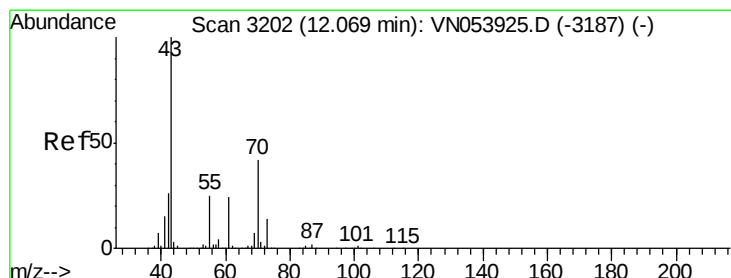
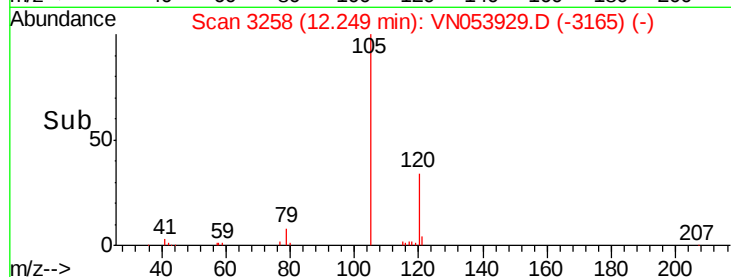
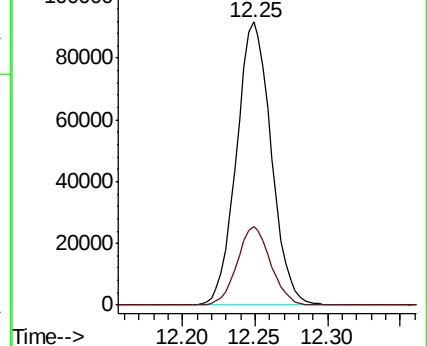
105 100

120 26.7 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: 5.080 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

Tgt Ion: 43 Resp: 36442

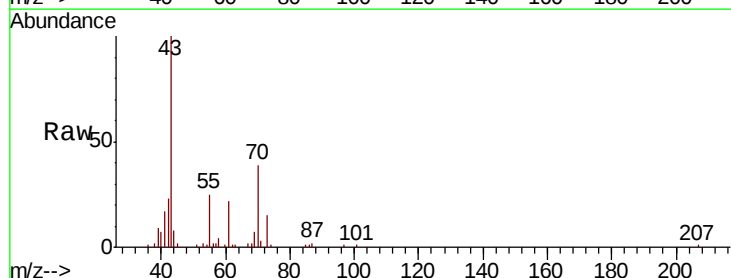
Ion Ratio Lower Upper

43 100

70 39.8 37.4 56.2

55 26.8 21.4 32.0

61 23.0 20.9 31.3

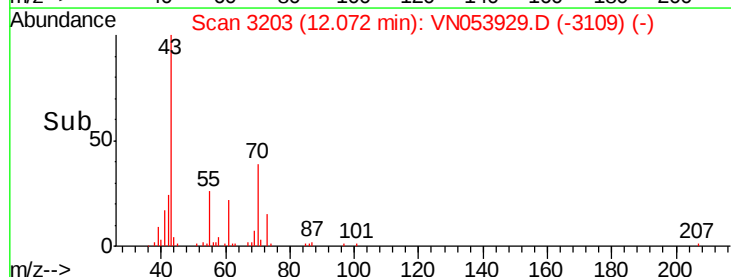
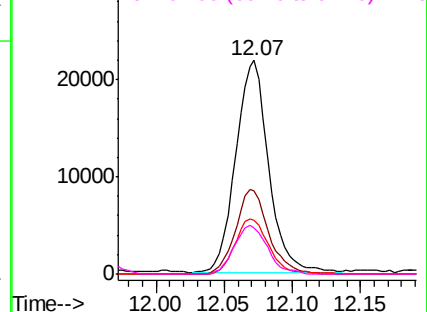


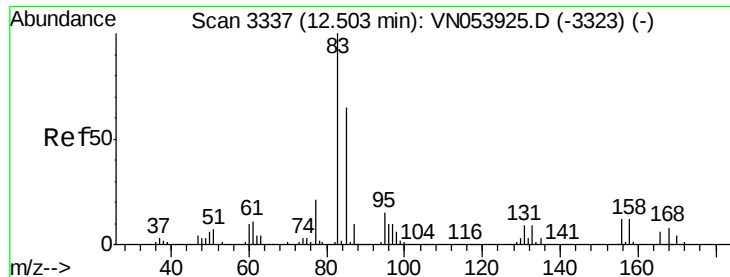
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 5.631 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

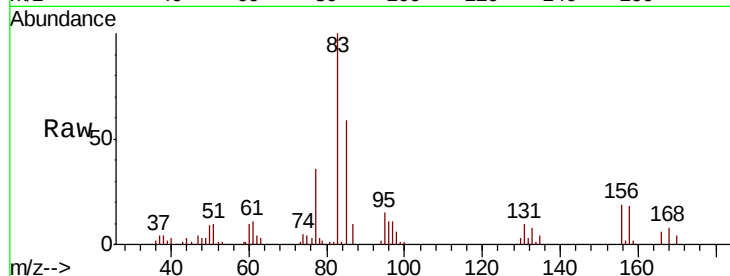
Tgt Ion: 83 Resp: 38540

Ion Ratio Lower Upper

83 100

131 9.4 5.3 16.1

85 61.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN053929.D (-3337) (-)

Ion 130.80 (130.50 to 131.50): VN053929.D (-3337) (-)

Ion 84.90 (84.60 to 85.60): VN053929.D (-3337) (-)

12.51

25000

20000

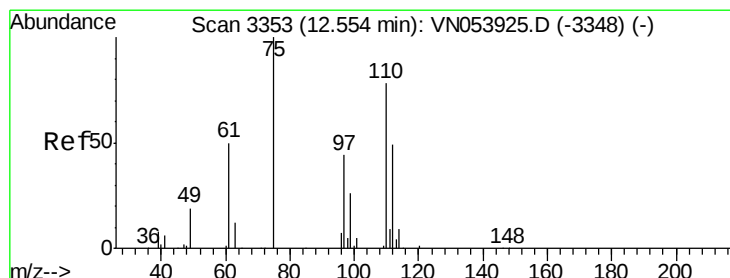
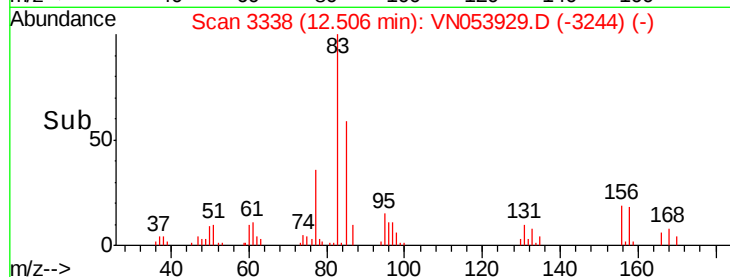
15000

10000

5000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 7.646 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053929.D

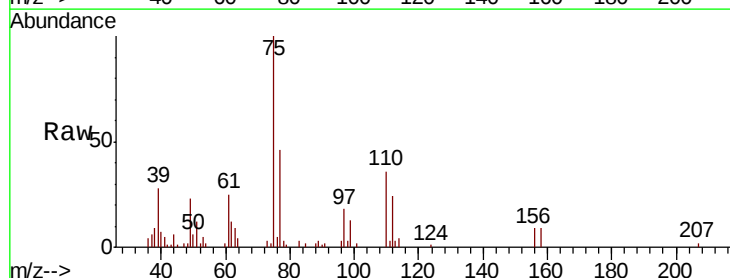
Acq: 25 Feb 2019 14:50

Tgt Ion: 75 Resp: 43127

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN053929.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN053929.D (-3353) (-)

40000

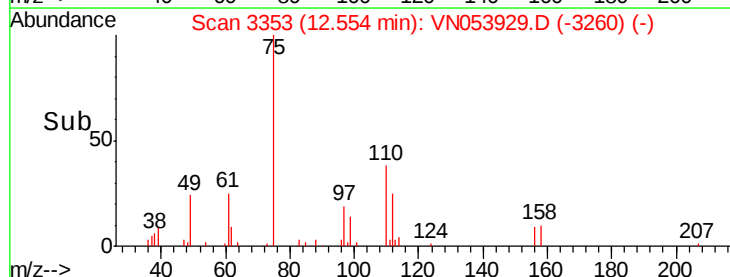
30000

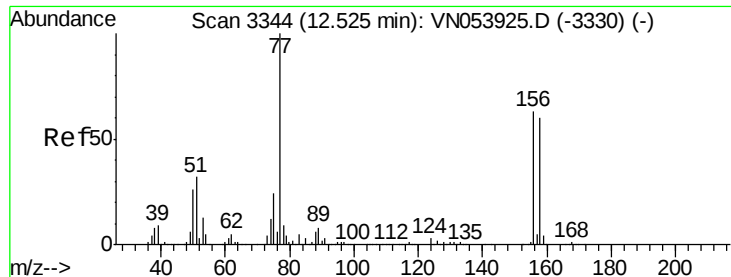
20000

10000

0

Time-->





#77

Bromobenzene

Concen: 5.383 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

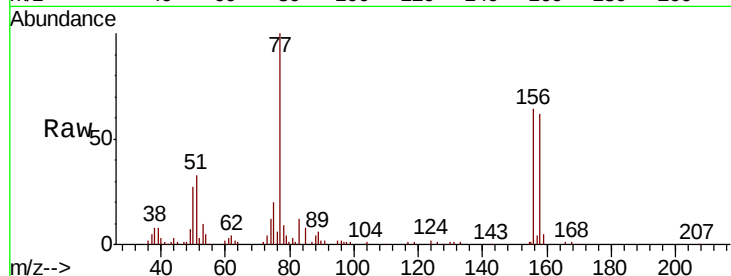
Tgt Ion:156 Resp: 37403

Ion Ratio Lower Upper

156 100

77 186.0 84.0 252.2

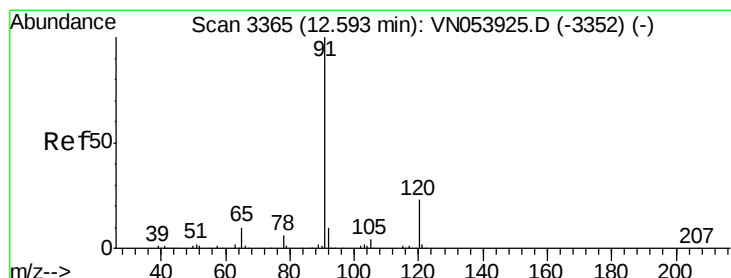
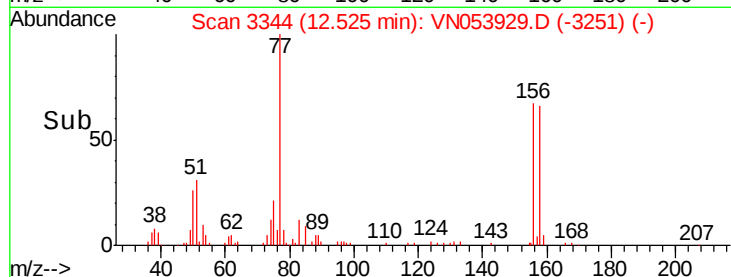
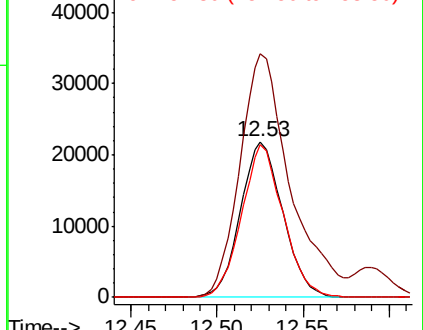
158 96.1 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.306 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053929.D

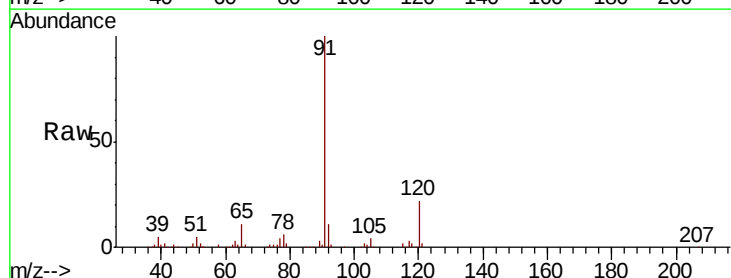
Acq: 25 Feb 2019 14:50

Tgt Ion: 91 Resp: 165148

Ion Ratio Lower Upper

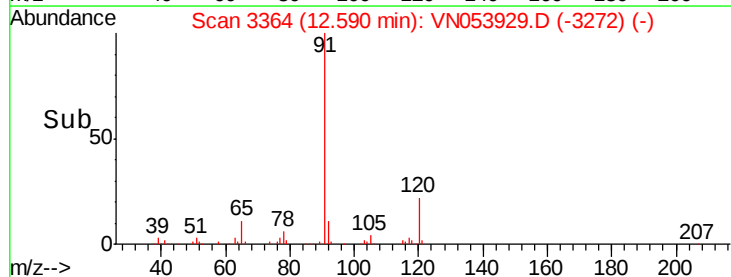
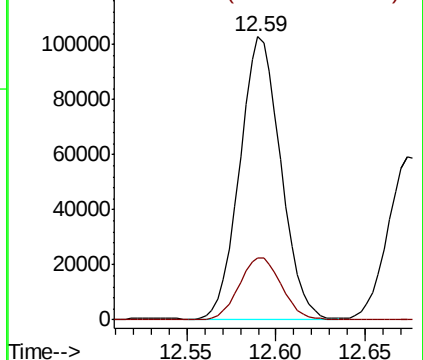
91 100

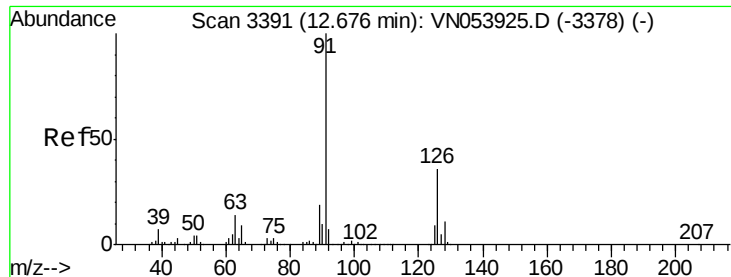
120 22.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.439 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

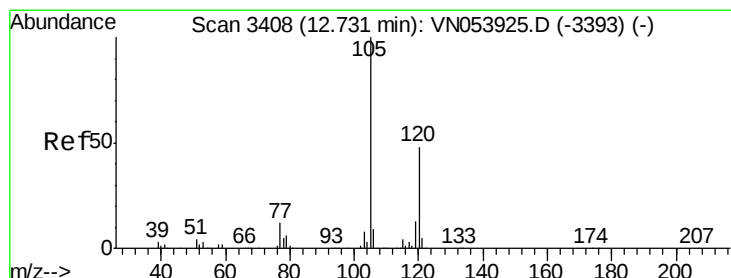
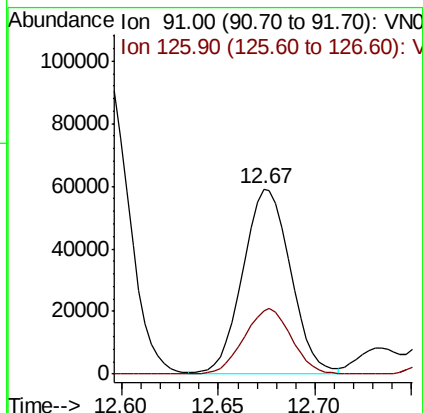
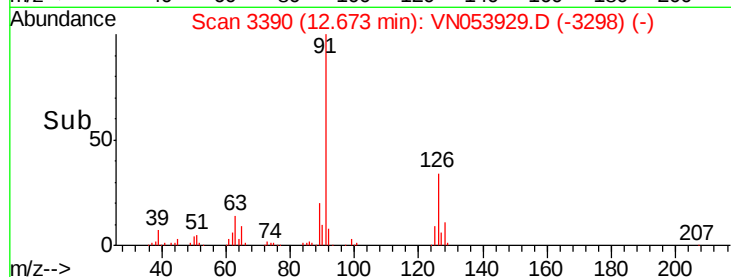
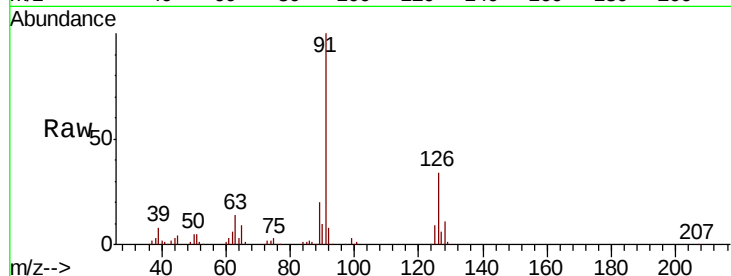
VSTDIC005

Tgt Ion: 91 Resp: 101702

Ion Ratio Lower Upper

91 100

126 35.0 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 5.397 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053929.D

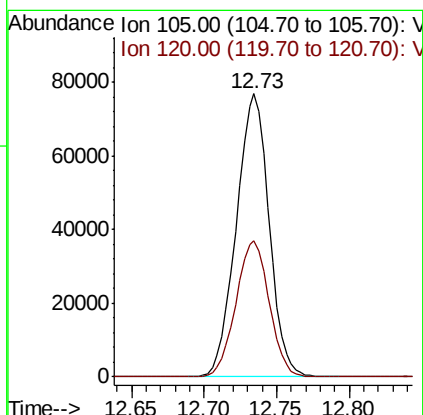
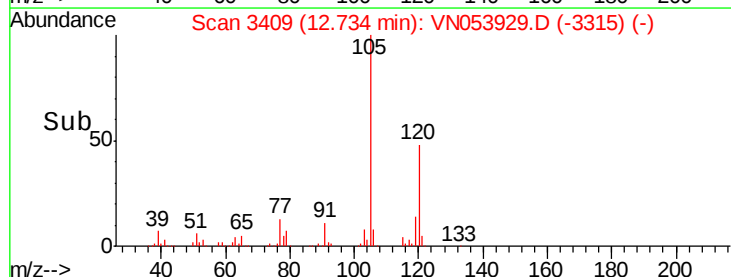
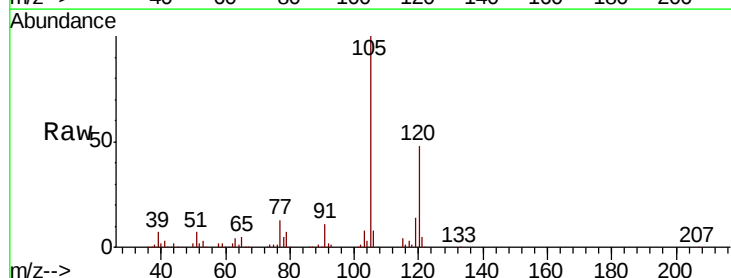
Acq: 25 Feb 2019 14:50

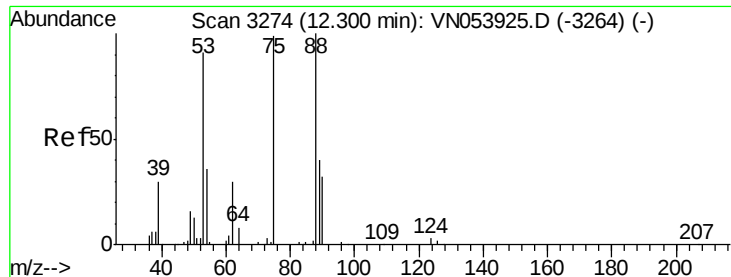
Tgt Ion: 105 Resp: 120922

Ion Ratio Lower Upper

105 100

120 48.6 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 4.886 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

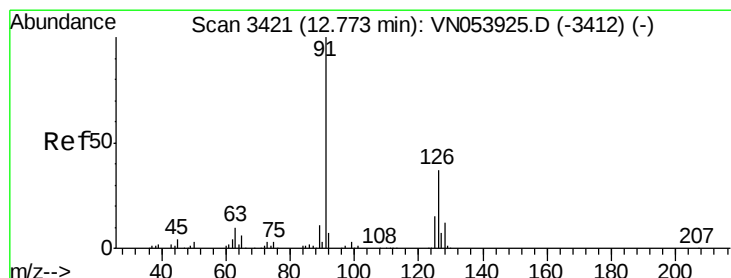
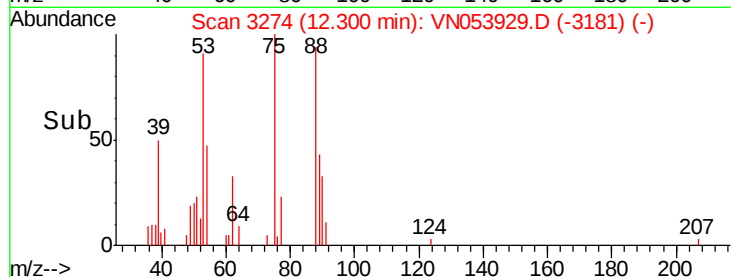
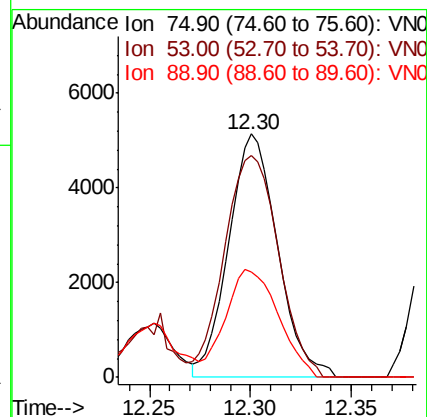
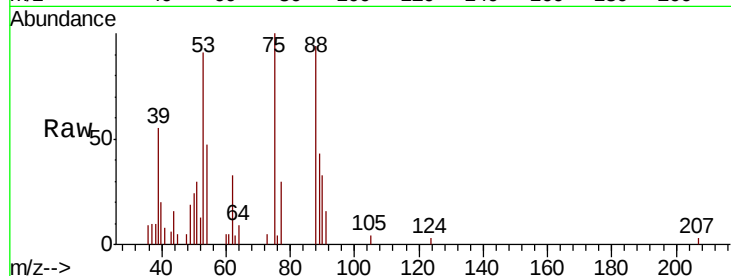
Tgt Ion: 75 Resp: 8719

Ion Ratio Lower Upper

75 100

53 101.3 68.6 102.8

89 47.9 35.3 52.9



#82

4-Chlorotoluene

Concen: 5.470 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053929.D

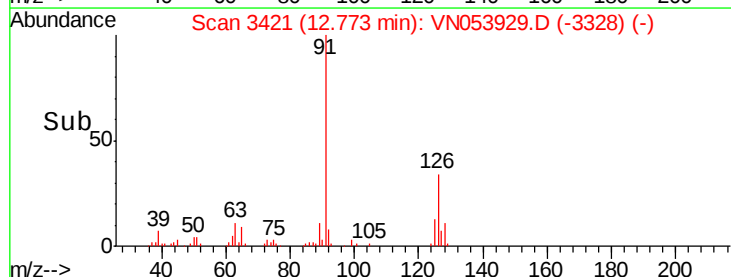
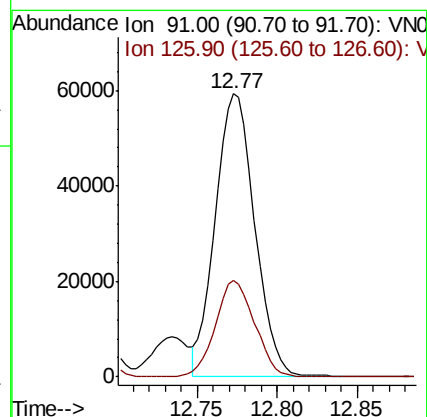
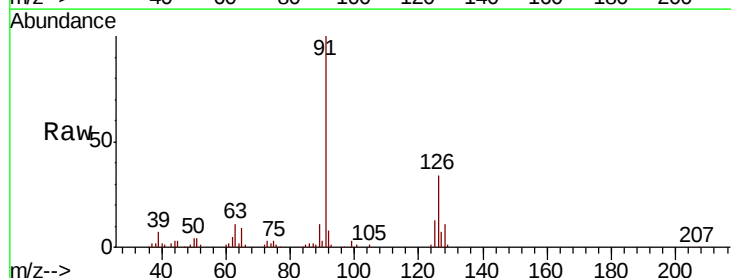
Acq: 25 Feb 2019 14:50

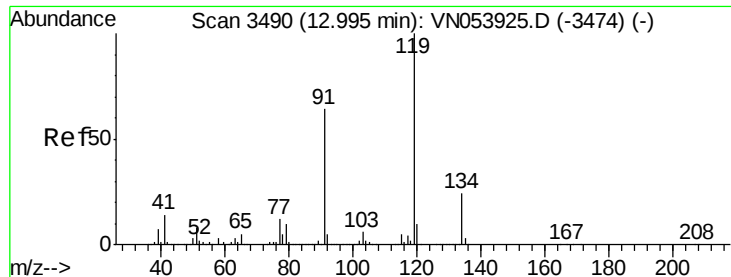
Tgt Ion: 91 Resp: 101081

Ion Ratio Lower Upper

91 100

126 33.7 18.0 54.0

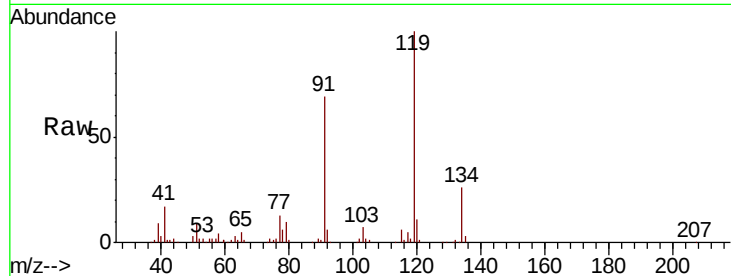




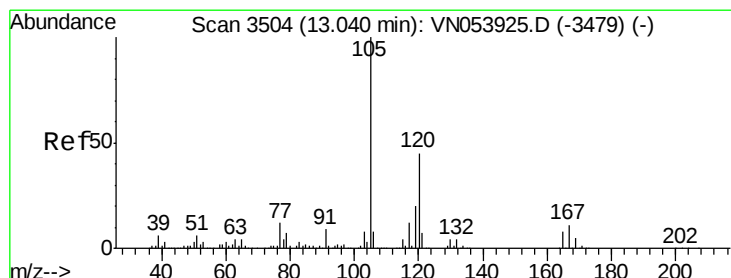
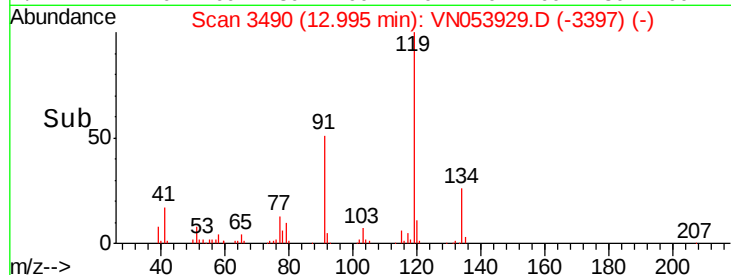
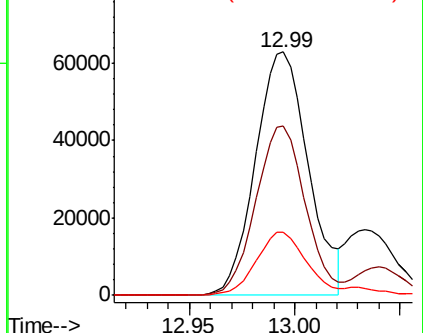
#83
 tert-Butylbenzene
 Concen: 5.527 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:119 Resp: 109524
 Ion Ratio Lower Upper
 119 100
 91 65.1 30.6 91.8
 134 24.5 13.0 39.0

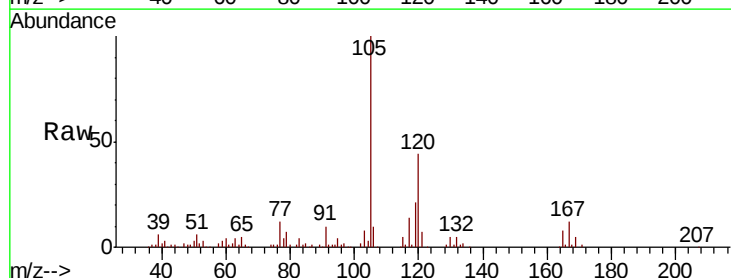


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

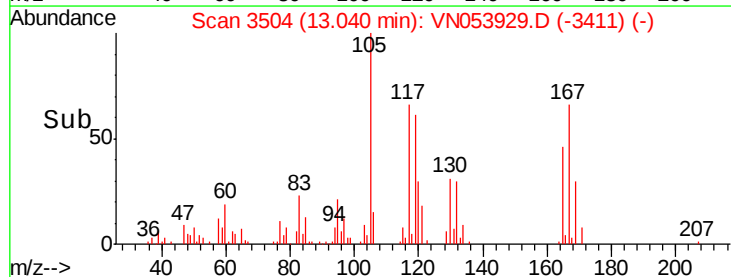
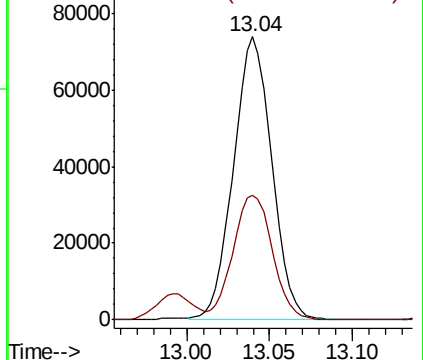


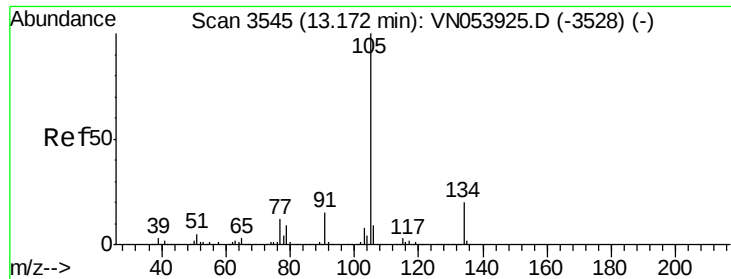
#84
 1,2,4-Trimethylbenzene
 Concen: 5.262 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

Tgt Ion:105 Resp: 117695
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.2 69.5



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

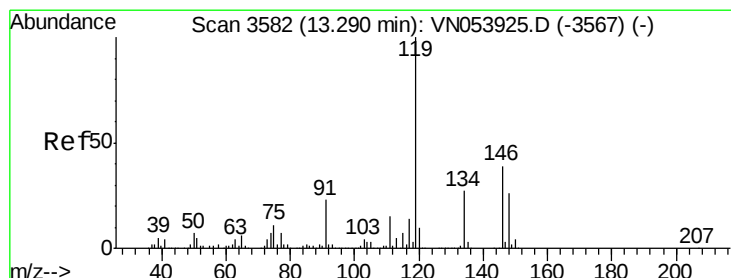
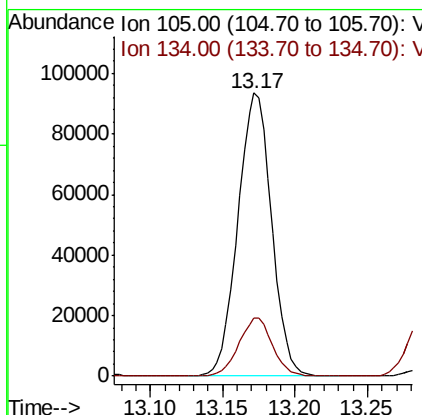
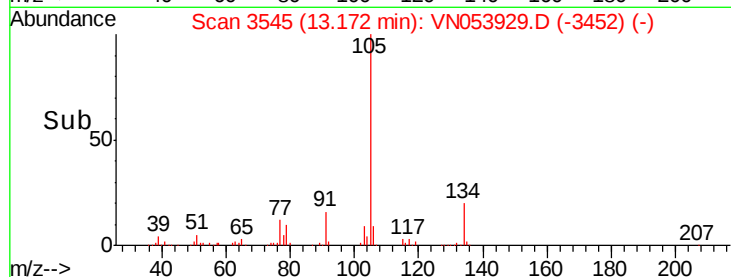
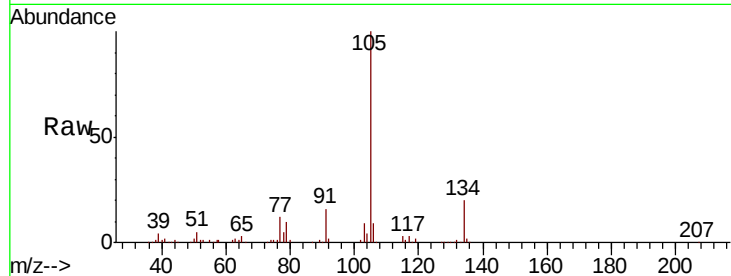




#85
 sec-Butylbenzene
 Concen: 5.577 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

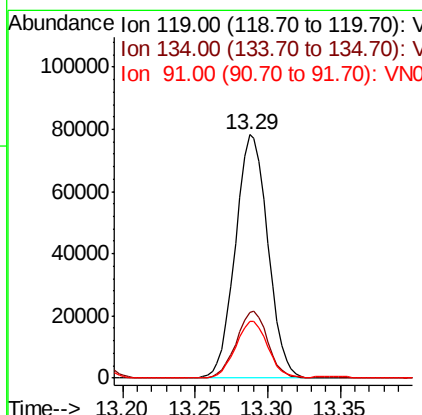
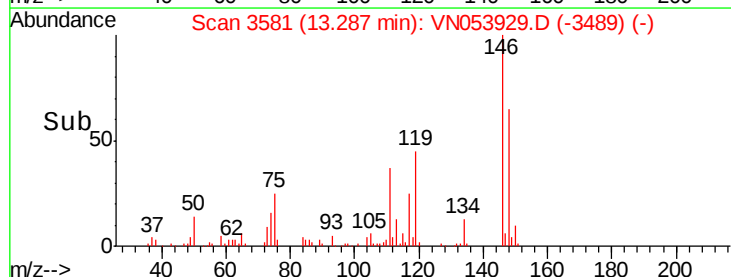
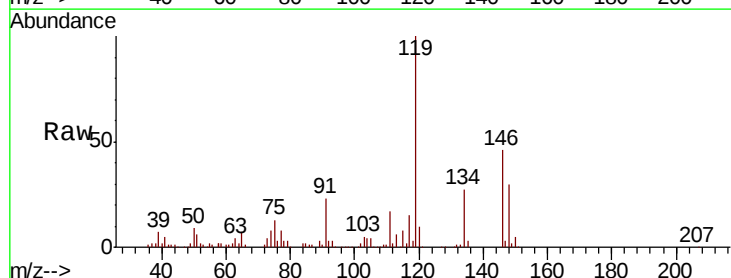
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

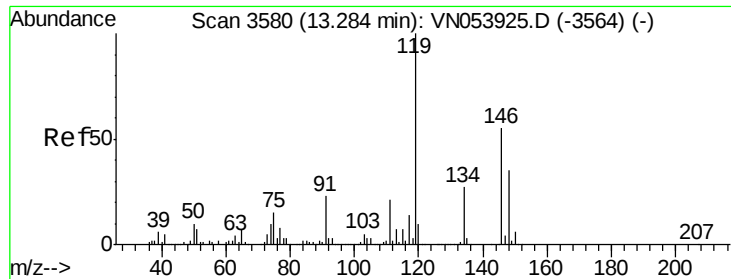
Tgt Ion:105 Resp: 150939
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 5.338 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

Tgt Ion:119 Resp: 122132
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.4
 91 23.3 10.9 32.6

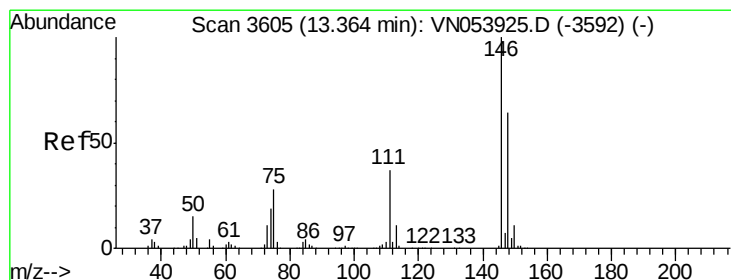
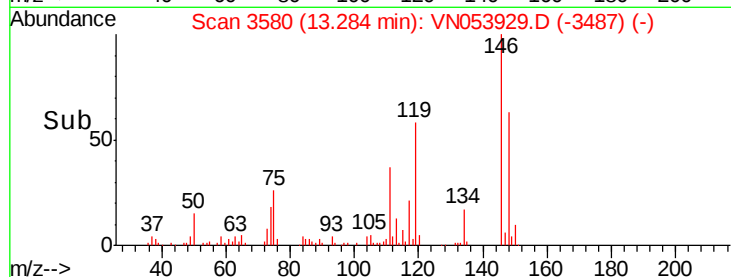
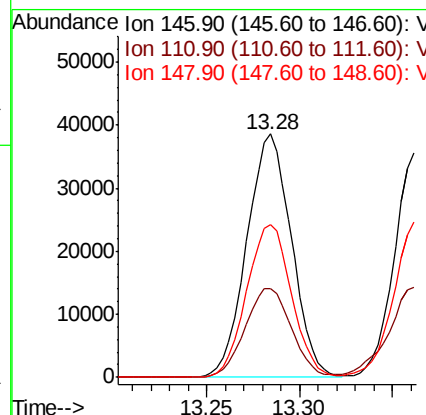
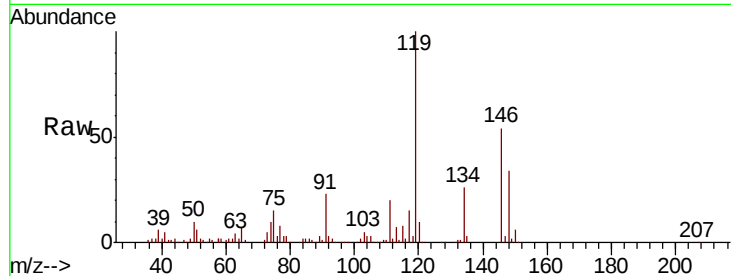




#87
 1,3-Dichlorobenzene
 Concen: 5.355 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

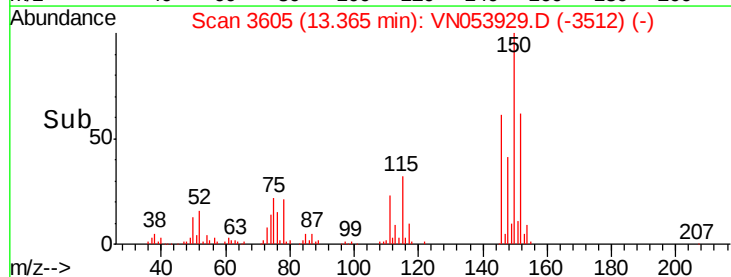
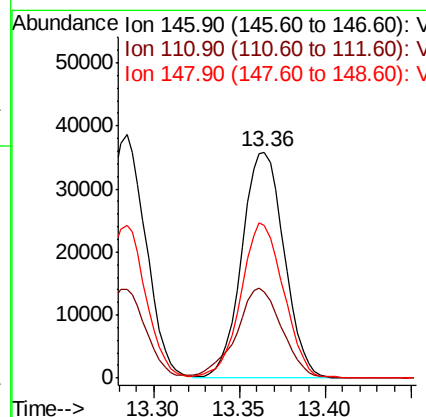
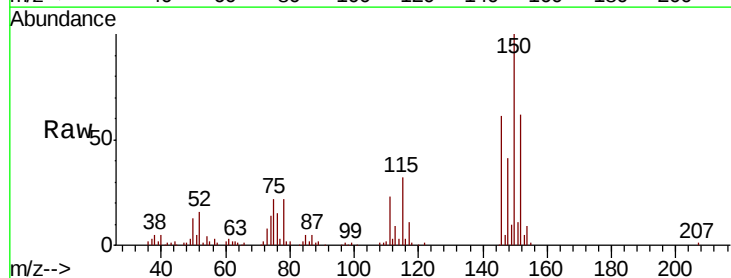
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

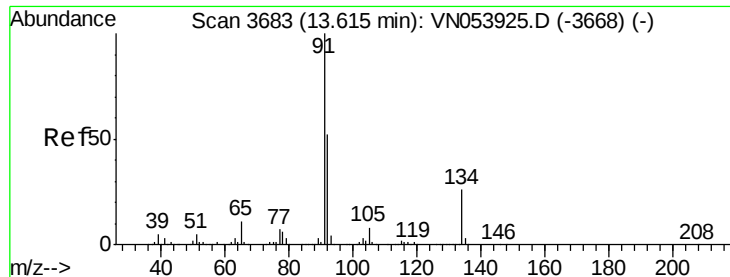
Tgt Ion:146 Resp: 64374
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.7 56.1
 148 63.0 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 5.270 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

Tgt Ion:146 Resp: 61457
 Ion Ratio Lower Upper
 146 100
 111 43.3 18.0 54.0
 148 69.4 32.1 96.5





#89

n-Butylbenzene

Concen: 4.981 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

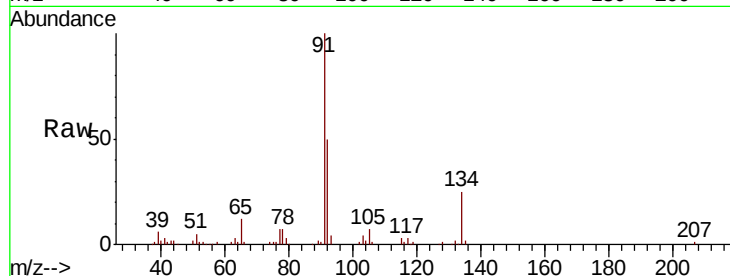
Tgt Ion: 91 Resp: 96053

Ion Ratio Lower Upper

91 100

92 51.1 26.1 78.2

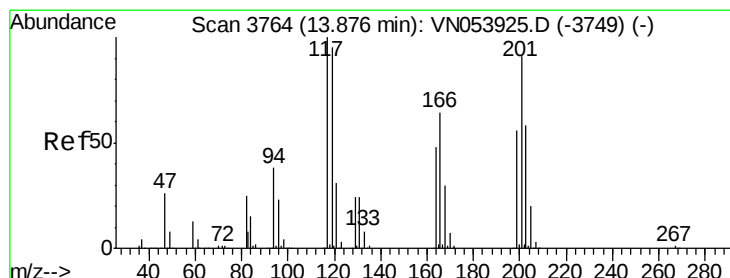
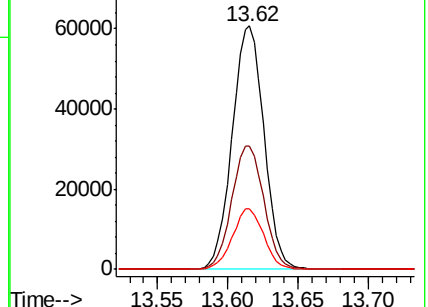
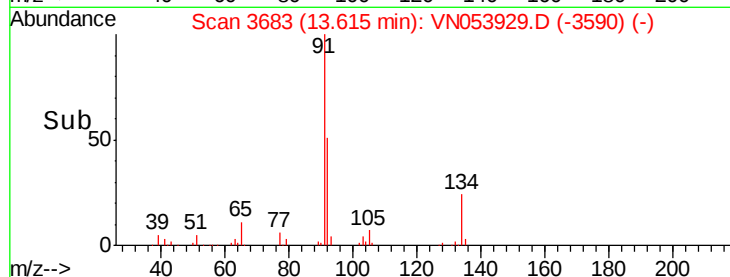
134 24.4 13.6 40.8



Abundance Ion 91.00 (90.70 to 91.70): VN053929.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN053929.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN053929.D (-3668) (-)



#90

Hexachloroethane

Concen: 5.403 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN053929.D

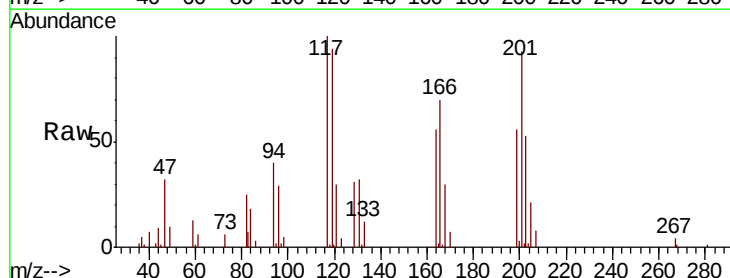
Acq: 25 Feb 2019 14:50

Tgt Ion: 117 Resp: 23956

Ion Ratio Lower Upper

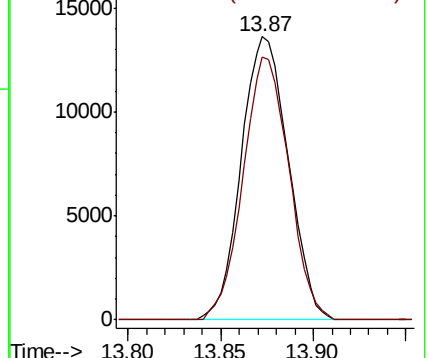
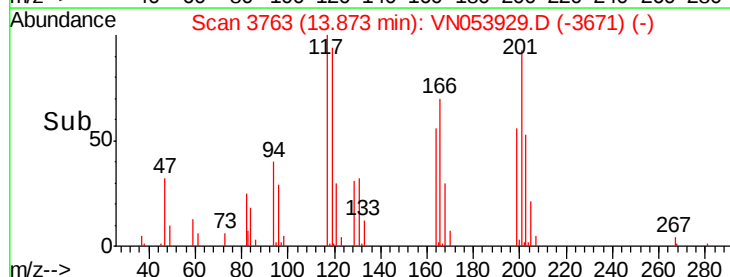
117 100

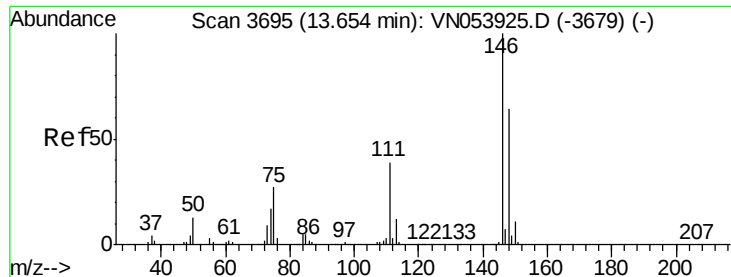
201 90.2 48.0 144.2



Abundance Ion 116.80 (116.50 to 117.50): VN053929.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN053929.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 5.366 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

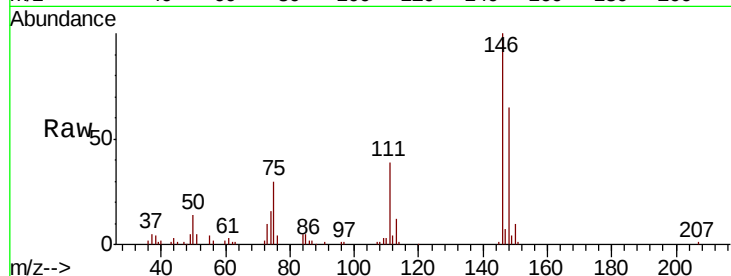
Tgt Ion:146 Resp: 62444

Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.5

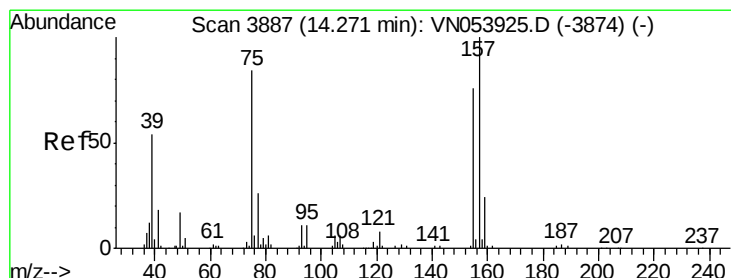
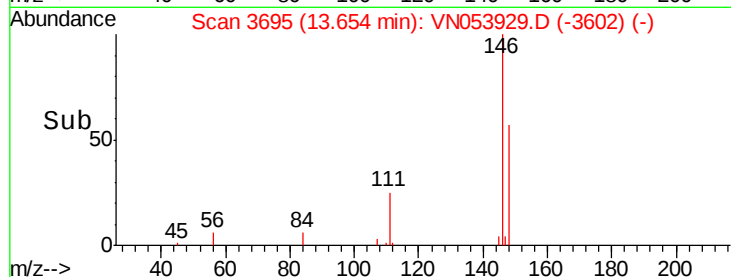
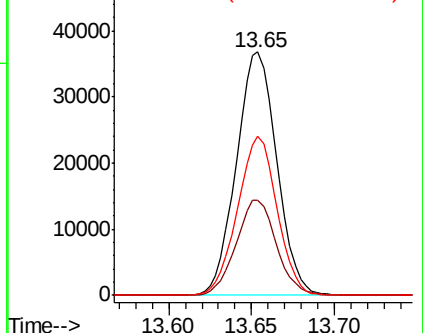
148 63.7 32.1 96.5



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: 5.296 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

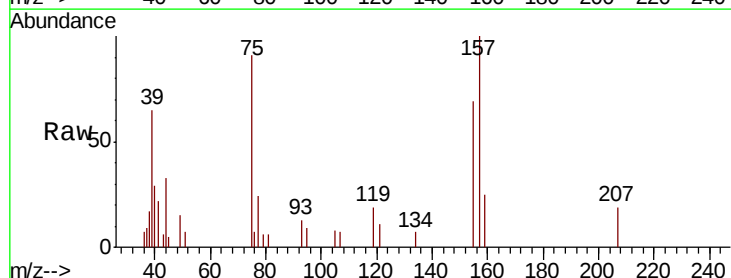
Tgt Ion: 75 Resp: 5122

Ion Ratio Lower Upper

75 100

155 87.3 49.5 148.5

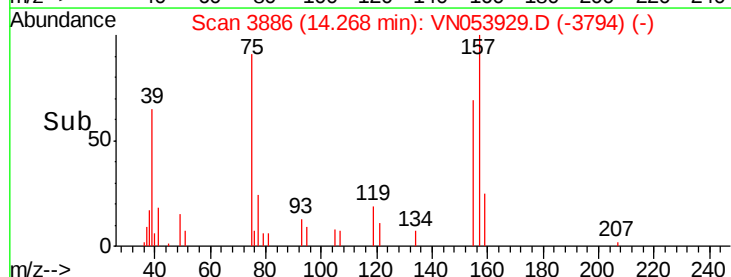
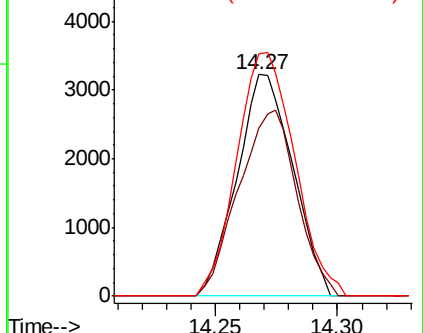
157 113.8 64.8 194.6

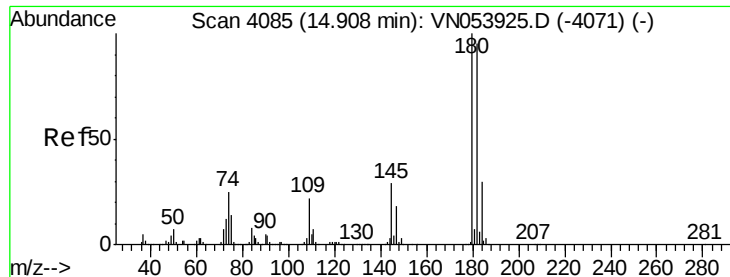


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

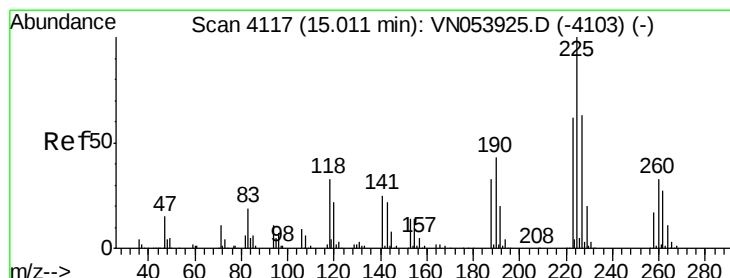
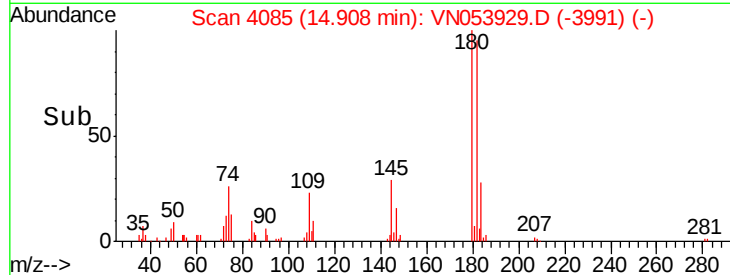
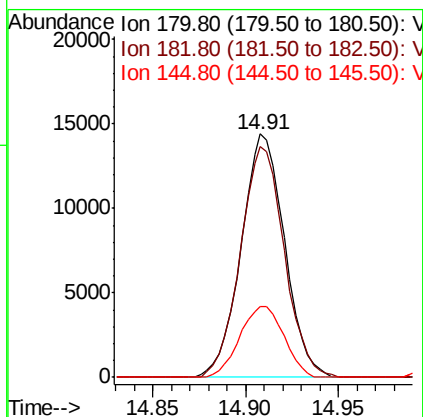
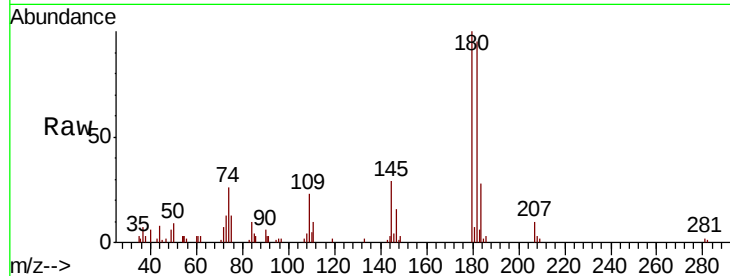




#93
 1,2,4-Trichlorobenzene
 Concen: 5.692 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

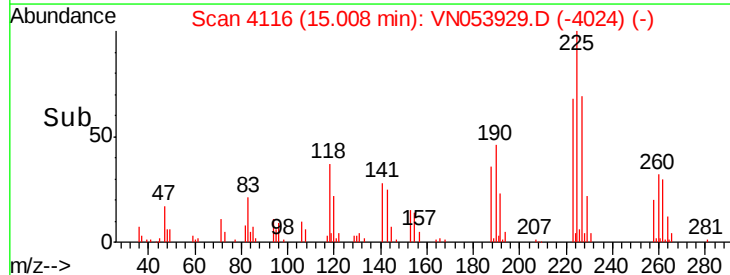
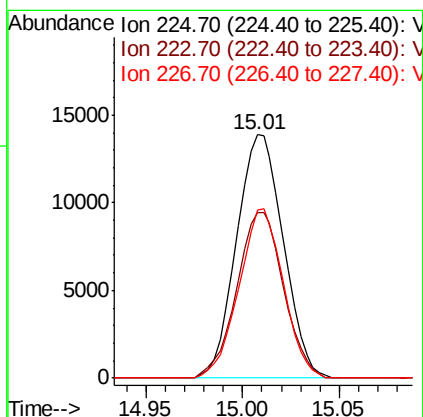
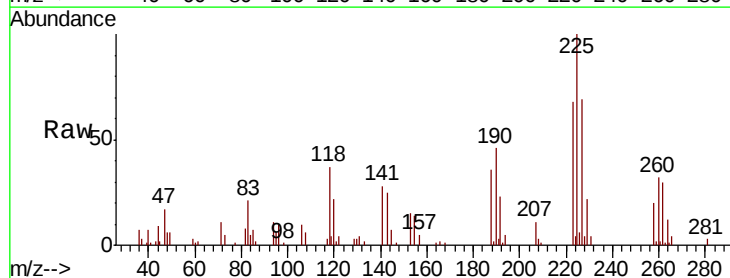
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

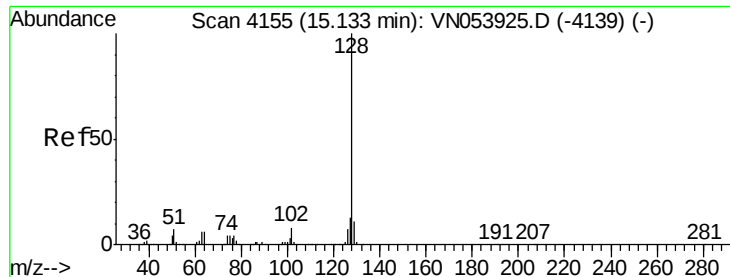
Tgt Ion:180 Resp: 23465
 Ion Ratio Lower Upper
 180 100
 182 95.9 48.6 145.9
 145 29.5 13.8 41.3



#94
 Hexachlorobutadiene
 Concen: 5.551 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN053929.D
 Acq: 25 Feb 2019 14:50

Tgt Ion:225 Resp: 23334
 Ion Ratio Lower Upper
 225 100
 223 68.1 30.9 92.5
 227 65.9 32.5 97.4





#95

Naphthalene

Concen: 6.366 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

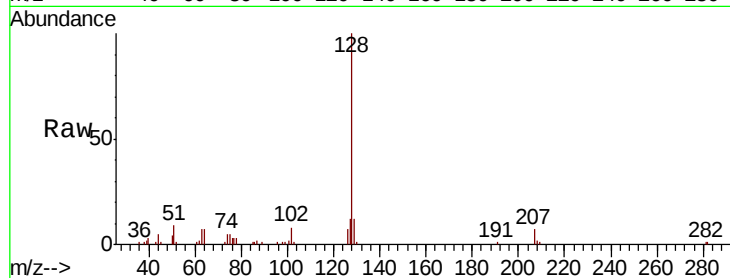
Tgt Ion:128 Resp: 46922

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

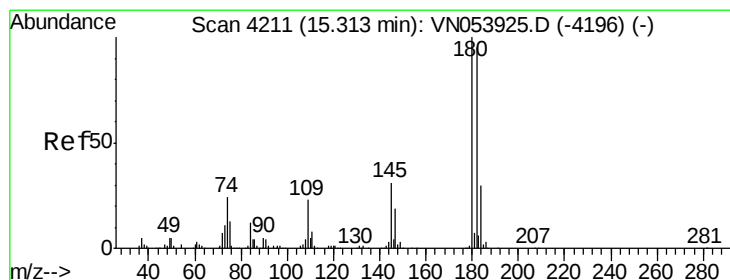
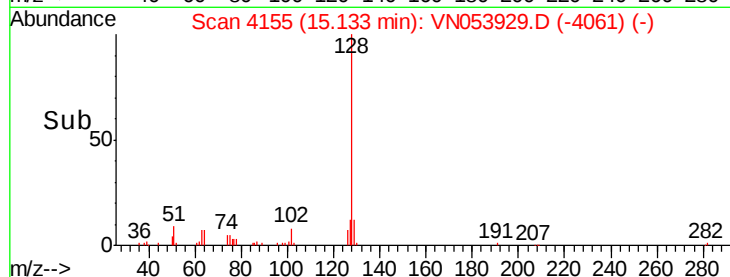
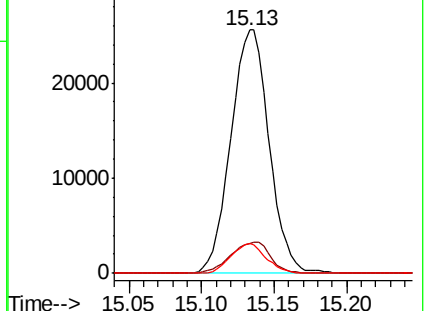
129 11.1 8.6 12.8



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: 5.628 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN053929.D

Acq: 25 Feb 2019 14:50

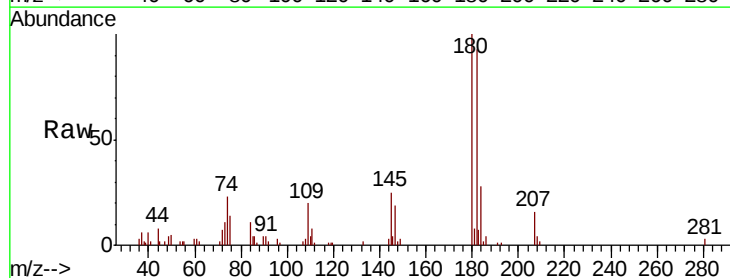
Tgt Ion:180 Resp: 26044

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.8

145 28.6 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

