

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062918\
 Data File : VN049625.D
 Acq On : 29 Jun 2018 10:54
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Jun 30 00:19:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:18:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1155027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1915106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1592292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	646987	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	17685	1.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.32%	
35) Dibromofluoromethane	7.59	113	15470	1.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.16%	
50) Toluene-d8	10.09	98	48222	0.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.72%	
62) 4-Bromofluorobenzene	12.40	95	17654	0.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.84%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	13664	1.050 ug/l	94
3) Chloromethane	2.06	50	19004	1.169 ug/l	91
4) Vinyl Chloride	2.18	62	19967	1.144 ug/l	92
5) Bromomethane	2.57	94	10644	1.161 ug/l	96
6) Chloroethane	2.70	64	12952	1.172 ug/l	95
7) Trichlorofluoromethane	3.02	101	26294	1.318 ug/l	95
8) Diethyl Ether	3.41	74	8574	1.061 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.75	101	16705	1.164 ug/l	94
10) Methyl Iodide	3.94	142	17426	0.970 ug/l #	97
11) Tert butyl alcohol	4.79	59	1441	1.646 ug/l #	86
12) 1,1-Dichloroethene	3.73	96	15502	1.143 ug/l	90
13) Acrolein	3.60	56	7678	9.391 ug/l	90
14) Allyl chloride	4.32	41	21129	1.134 ug/l	97
15) Acrylonitrile	4.99	53	20450	4.524 ug/l #	94
16) Acetone	3.82	43	41657	11.027 ug/l	98
17) Carbon Disulfide	4.05	76	43560	1.059 ug/l	99
18) Methyl Acetate	4.33	43	80678	3.510 ug/l	99
19) Methyl tert-butyl Ether	5.04	73	32583	0.932 ug/l #	89
20) Methylene Chloride	4.55	84	20384	1.298 ug/l	85
21) trans-1,2-Dichloroethene	5.03	96	7539	0.540 ug/l	98
22) Diisopropyl ether	5.95	45	38265	0.908 ug/l #	90
23) Vinyl Acetate	5.90	43	111524	4.079 ug/l	100
24) 1,1-Dichloroethane	5.84	63	29589	1.114 ug/l	97
25) 2-Butanone	6.84	43	24118	4.763 ug/l	94
26) 2,2-Dichloropropane	6.82	77	25503	1.156 ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	16532	1.060 ug/l	98
28) Bromochloromethane	7.19	49	10697	0.949 ug/l	97
29) Tetrahydrofuran	7.22	42	14965	4.637 ug/l #	78
30) Chloroform	7.37	83	31740	1.172 ug/l	97
31) Cyclohexane	7.65	56	39025	1.492 ug/l #	42
32) 1,1,1-Trichloroethane	7.57	97	25456	1.111 ug/l #	51
36) 1,1-Dichloropropene	7.79	75	19350	0.898 ug/l #	83
37) Ethyl Acetate	6.93	43	7887	0.628 ug/l #	77
38) Carbon Tetrachloride	7.77	117	22939	1.094 ug/l	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062918\
 Data File : VN049625.D
 Acq On : 29 Jun 2018 10:54
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC001

Quant Time: Jun 30 00:19:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:18:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	21162	0.896	ug/l	95
40) Benzene	8.04	78	63751	0.969	ug/l	98
41) Methacrylonitrile	7.18	41	4573	0.682	ug/l #	84
42) 1,2-Dichloroethane	8.12	62	21791	1.038	ug/l	99
43) Isopropyl Acetate	8.18	43	55683	1.875	ug/l #	77
44) Trichloroethene	8.83	130	18653	0.940	ug/l	93
45) 1,2-Dichloropropane	9.12	63	18122	1.066	ug/l	96
46) Dibromomethane	9.21	93	10203	0.992	ug/l	95
47) Bromodichloromethane	9.41	83	22408	1.024	ug/l #	97
48) Methyl methacrylate	9.20	41	9228	0.826	ug/l	94
49) 1,4-Dioxane	9.20	88	2610	17.384	ug/l #	92
51) 4-Methyl-2-Pentanone	9.99	43	45140	3.664	ug/l	96
52) Toluene	10.16	92	32172	0.809	ug/l	95
53) t-1,3-Dichloropropene	10.38	75	16480	0.786	ug/l #	77
54) cis-1,3-Dichloropropene	9.84	75	20010	0.817	ug/l #	88
55) 1,1,2-Trichloroethane	10.57	97	15032	1.016	ug/l	89
56) Ethyl methacrylate	10.43	69	12512	0.721	ug/l	99
57) 1,3-Dichloropropane	10.71	76	23173	0.966	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	21133	2.617	ug/l	97
59) 2-Hexanone	10.75	43	29736	3.650	ug/l	96
60) Dibromochloromethane	10.90	129	14425	0.902	ug/l	100
61) 1,2-Dibromoethane	11.01	107	13014	0.918	ug/l	96
64) Tetrachloroethene	10.63	164	22767	1.056	ug/l	93
65) Chlorobenzene	11.44	112	42192	1.016	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.51	131	15169	1.016	ug/l #	65
67) Ethyl Benzene	11.51	91	58490	0.852	ug/l	95
68) m/p-Xylenes	11.62	106	41901	1.592	ug/l	97
69) o-Xylene	11.95	106	20860	0.828	ug/l	95
70) Styrene	11.96	104	30240	0.742	ug/l	98
71) Bromoform	12.13	173	9416	0.949	ug/l #	90
73) Isopropylbenzene	12.25	105	47205	0.916	ug/l	91
74) N-amyl acetate	12.07	43	11393	0.809	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.51	83	14638	1.203	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	17235	1.534	ug/l #	100
77) Bromobenzene	12.53	156	15024	1.072	ug/l	95
78) n-propylbenzene	12.59	91	51552	0.873	ug/l	98
79) 2-Chlorotoluene	12.67	91	37473	1.002	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	35798	0.836	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.31	75	3041	0.995	ug/l #	86
82) 4-Chlorotoluene	12.78	91	33594	0.894	ug/l	99
83) tert-Butylbenzene	12.99	119	33846	0.920	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	36719	0.834	ug/l	100
85) sec-Butylbenzene	13.17	105	43661	0.896	ug/l	98
86) p-Isopropyltoluene	13.29	119	32489	0.770	ug/l	93
87) 1,3-Dichlorobenzene	13.28	146	22952	0.887	ug/l	95
88) 1,4-Dichlorobenzene	13.28	146	22952	0.889	ug/l	94
89) n-Butylbenzene	13.62	91	27789	0.769	ug/l	97
90) Hexachloroethane	13.87	117	6150	1.387	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	23081	0.918	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	14.27	75	2553	1.202	ug/l	75

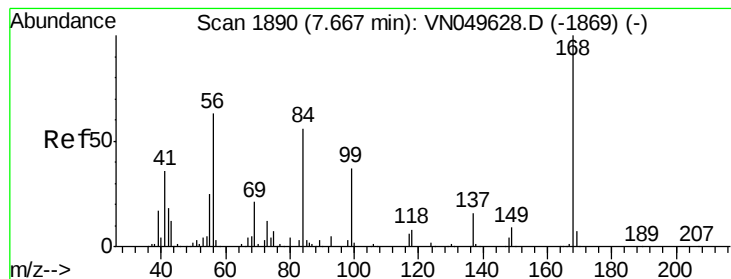
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062918\
Data File : VN049625.D
Acq On : 29 Jun 2018 10:54
Operator : MD\SY
Sample : VSTDICC001
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Quant Time: Jun 30 00:19:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:18:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	5898	0.509	ug/l	85
94) Hexachlorobutadiene	15.01	225	8660	1.078	ug/l	95
95) Naphthalene	15.13	128	12718	0.512	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.32	180	7631	0.641	ug/l	92

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampleId :

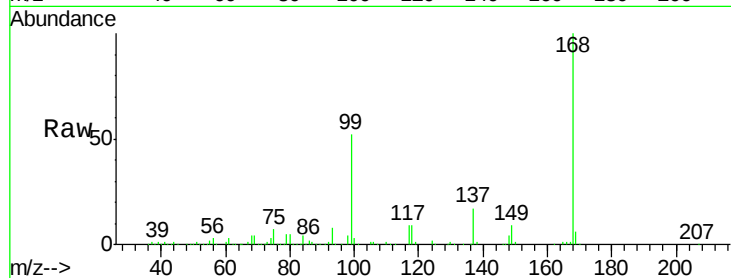
VSTDIC001

Tgt Ion:168 Resp: 1155027

Ion Ratio Lower Upper

168 100

99 51.5 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

400000

300000

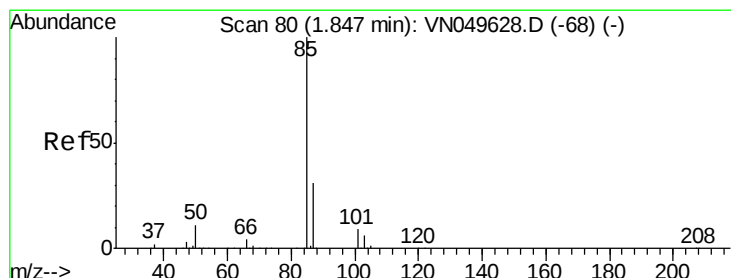
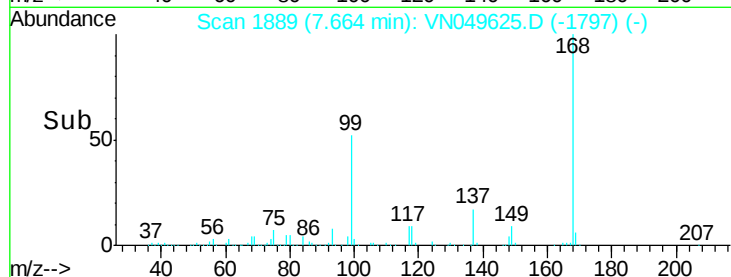
200000

100000

0

7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 1.050 ug/l

RT: 1.85 min Scan# 80

Delta R.T. 0.00 min

Lab File: VN049625.D

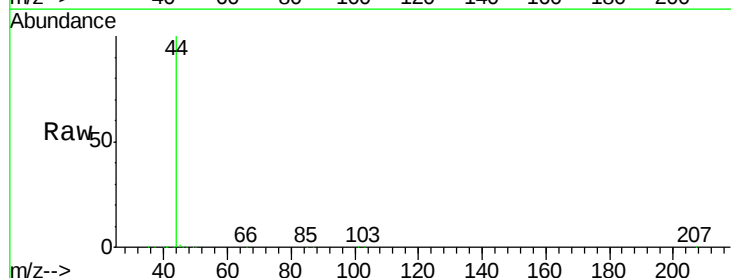
Acq: 29 Jun 2018 10:54

Tgt Ion: 85 Resp: 13664

Ion Ratio Lower Upper

85 100

87 34.3 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

10000

8000

6000

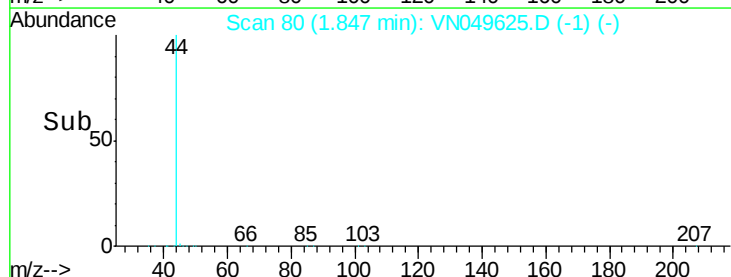
4000

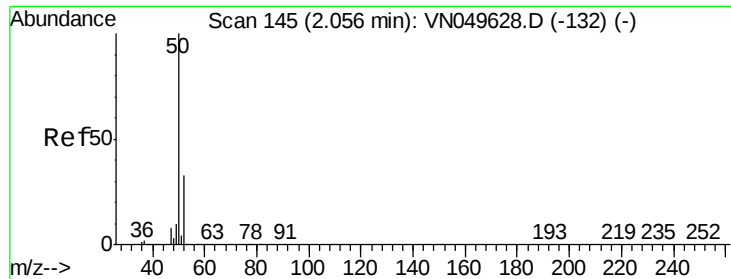
2000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 1.169 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampleId :

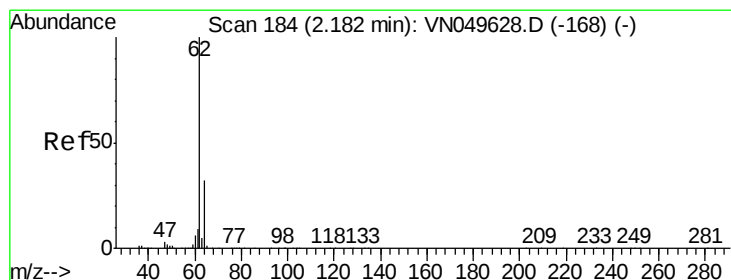
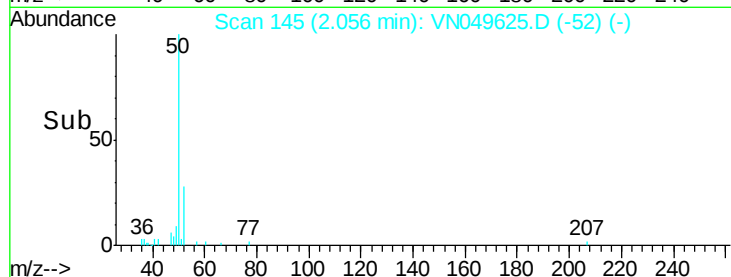
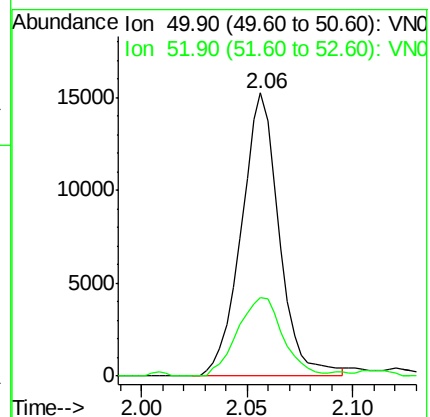
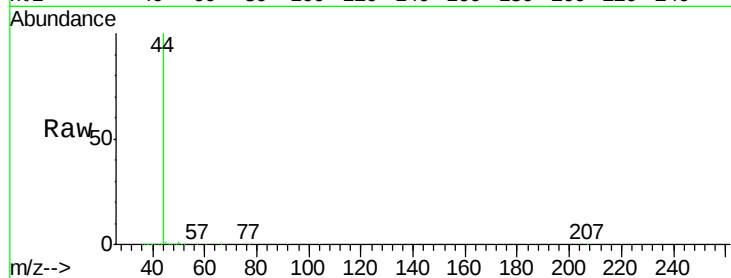
VSTDIC001

Tgt Ion: 50 Resp: 19004

Ion Ratio Lower Upper

50 100

52 27.8 26.1 39.1



#4

Vinyl Chloride

Concen: 1.144 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN049625.D

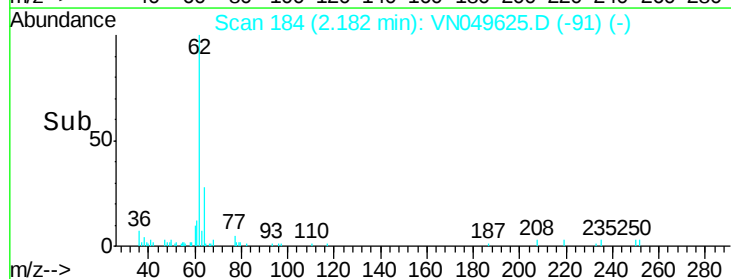
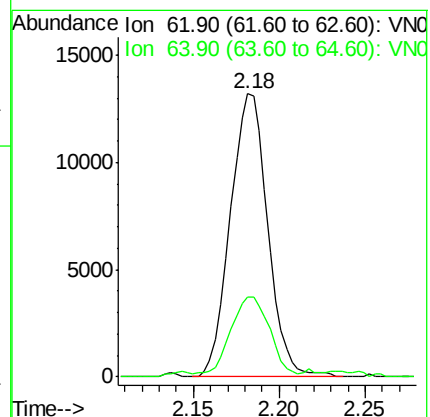
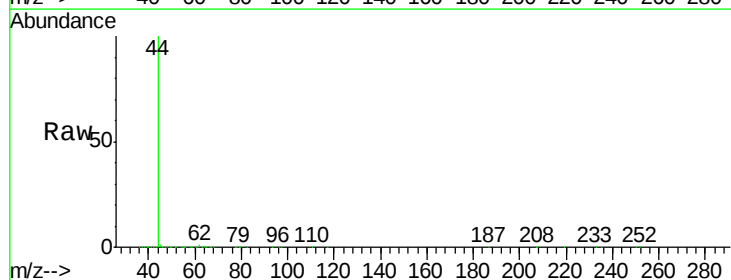
Acq: 29 Jun 2018 10:54

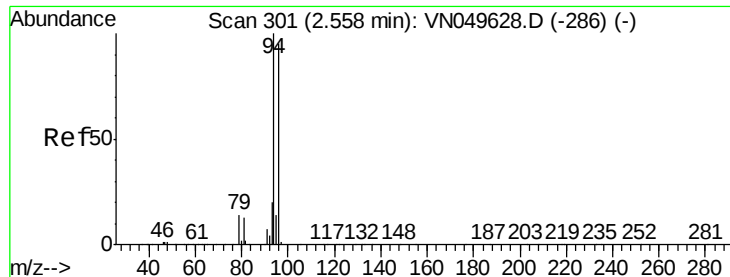
Tgt Ion: 62 Resp: 19967

Ion Ratio Lower Upper

62 100

64 27.2 25.4 38.0





#5

Bromomethane

Concen: 1.161 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampleId :

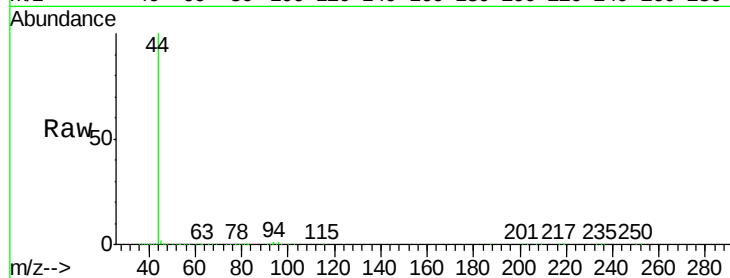
VSTDIC001

Tgt Ion: 94 Resp: 10644

Ion Ratio Lower Upper

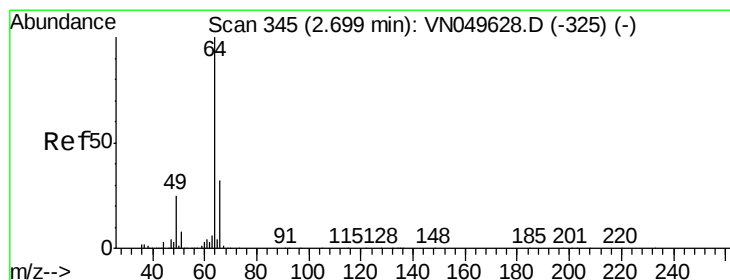
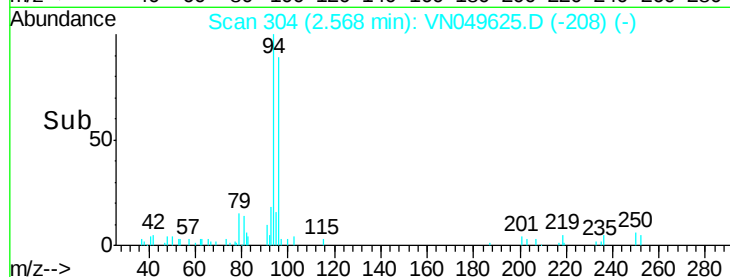
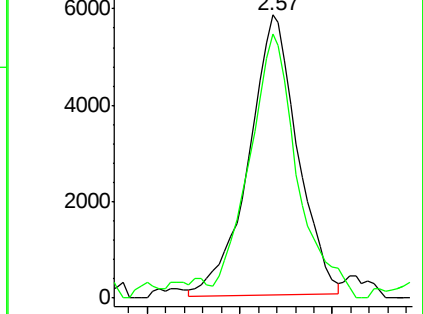
94 100

96 91.0 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN049625.D (-208) (-)

Ion 95.90 (95.60 to 96.60): VN049625.D (-208) (-)



#6

Chloroethane

Concen: 1.172 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN049625.D

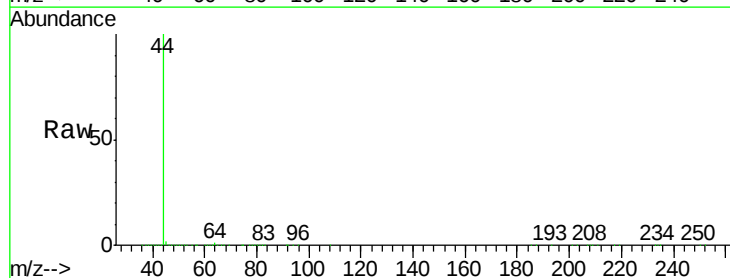
Acq: 29 Jun 2018 10:54

Tgt Ion: 64 Resp: 12952

Ion Ratio Lower Upper

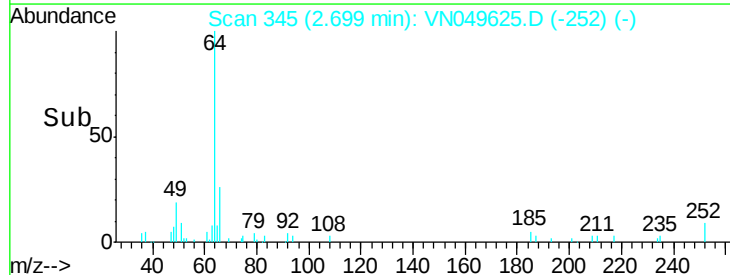
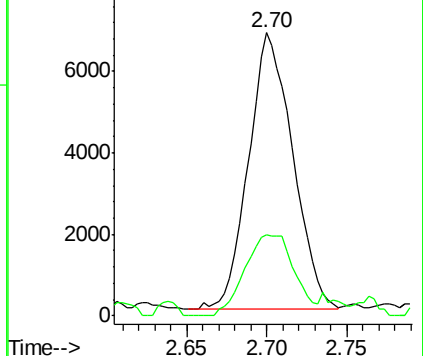
64 100

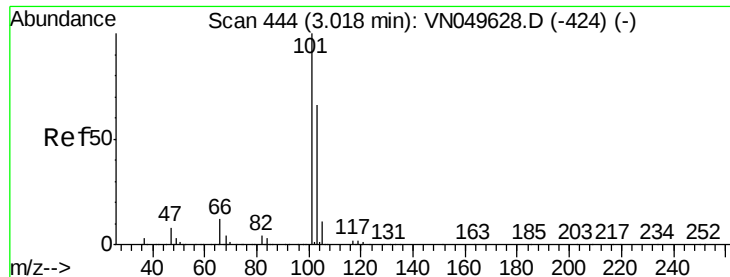
66 29.3 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN049625.D (-252) (-)

Ion 65.90 (65.60 to 66.60): VN049625.D (-252) (-)



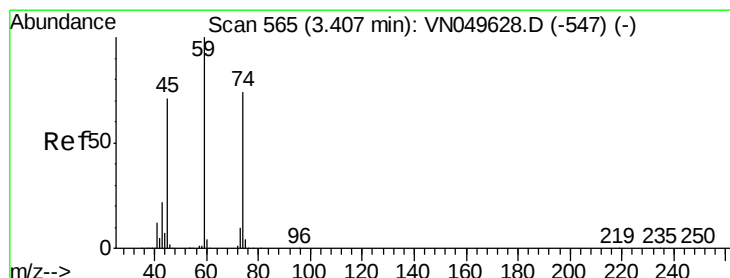
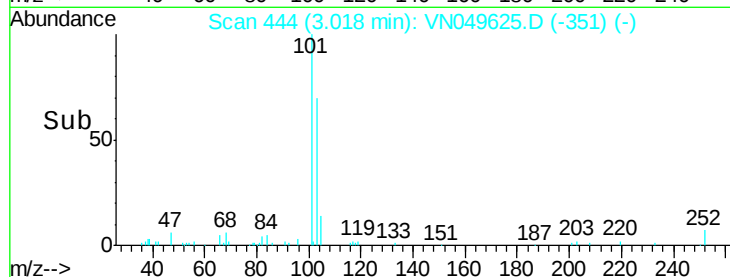
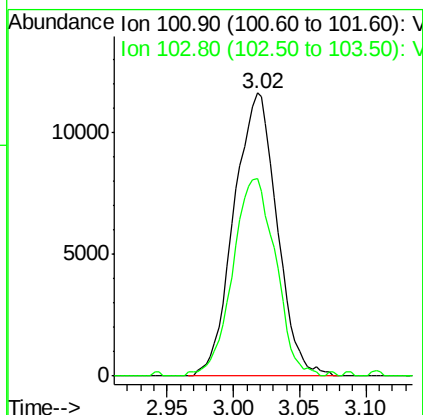
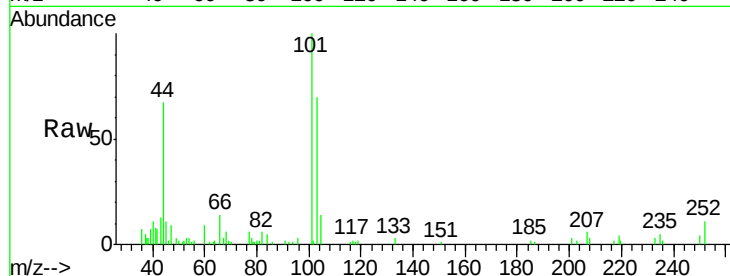


#7

Trichlorofluoromethane
Concen: 1.318 ug/l
RT: 3.02 min Scan# 444
Delta R.T. 0.00 min
Lab File: VN049625.D
Acq: 29 Jun 2018 10:54

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

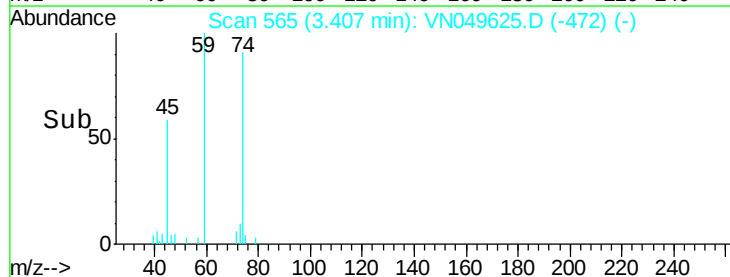
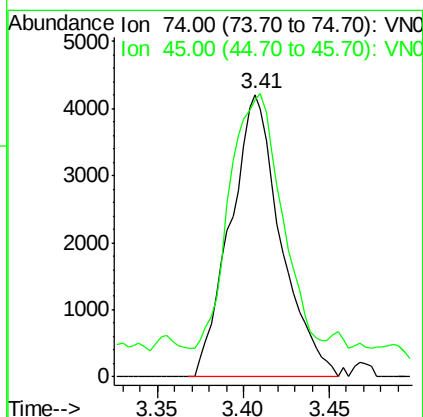
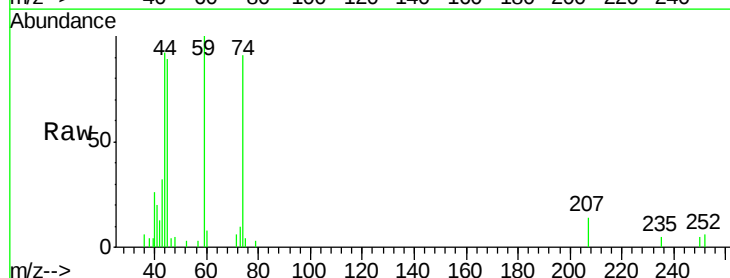
Tgt Ion:101 Resp: 26294
Ion Ratio Lower Upper
101 100
103 69.8 52.8 79.2

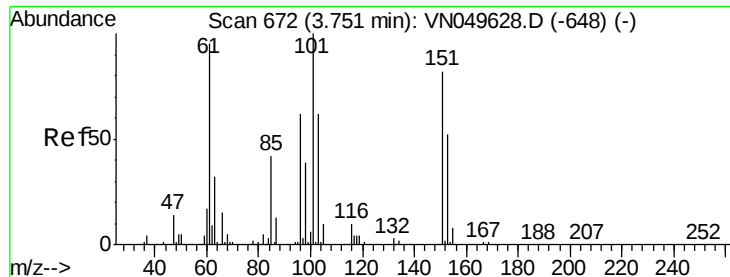


#8

Diethyl Ether
Concen: 1.061 ug/l
RT: 3.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: VN049625.D
Acq: 29 Jun 2018 10:54

Tgt Ion: 74 Resp: 8574
Ion Ratio Lower Upper
74 100
45 91.8 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.164 ug/l

RT: 3.75 min Scan# 671

Delta R.T. -0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

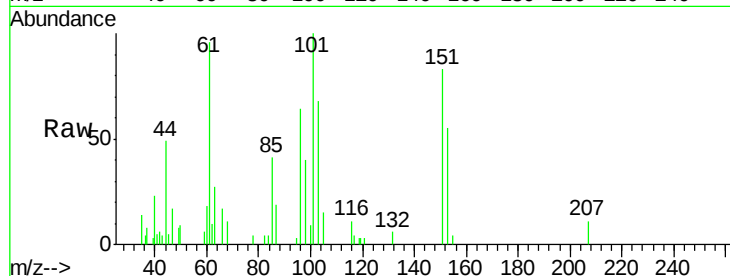
Tgt Ion:101 Resp: 16705

Ion Ratio Lower Upper

101 100

85 47.3 34.4 51.6

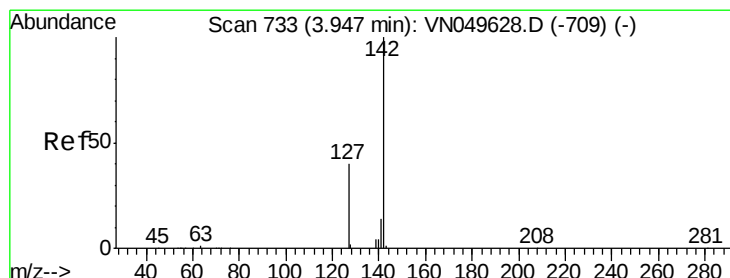
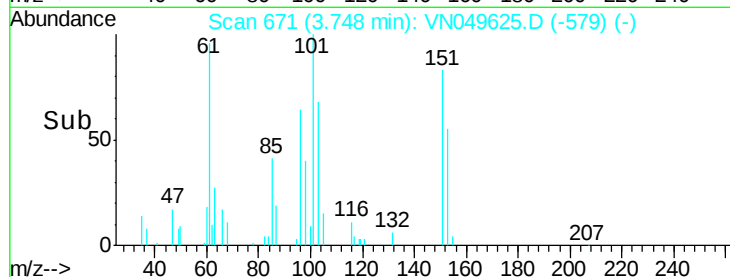
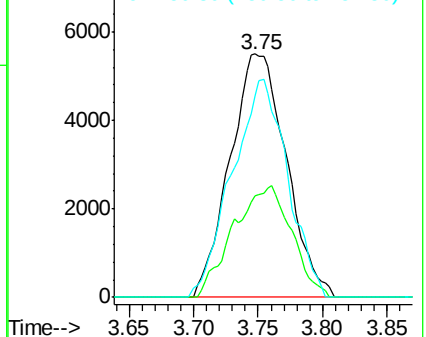
151 87.9 66.2 99.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.970 ug/l

RT: 3.94 min Scan# 732

Delta R.T. -0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

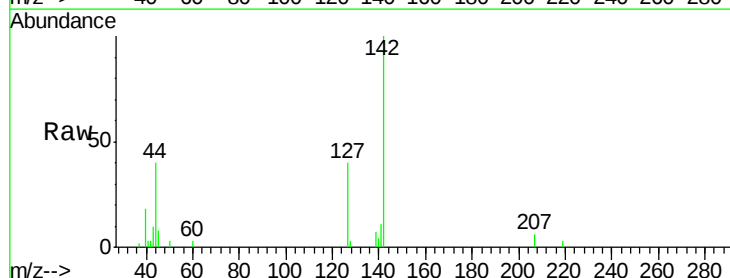
Tgt Ion:142 Resp: 17426

Ion Ratio Lower Upper

142 100

127 40.7 32.5 48.7

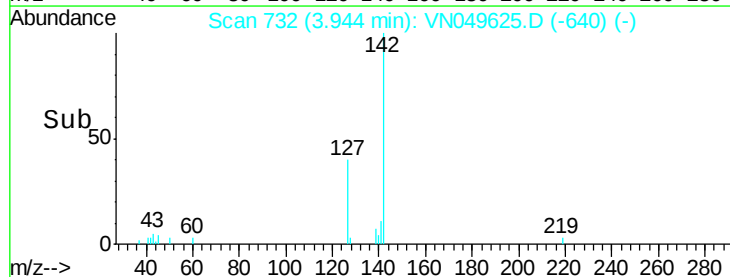
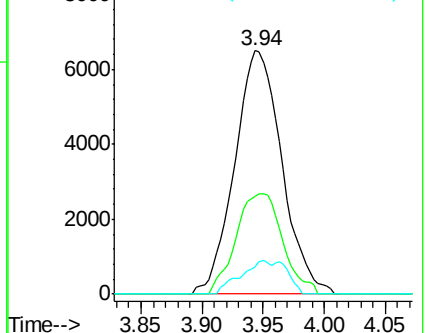
141 8.8 11.1 16.7#

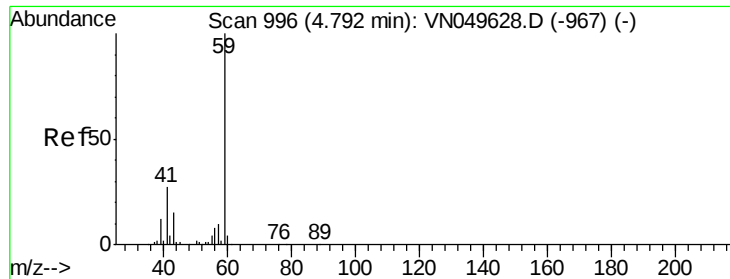


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



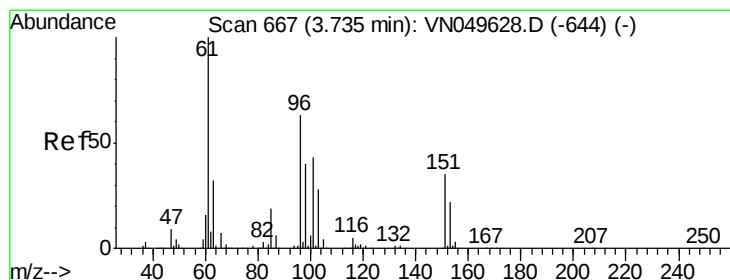
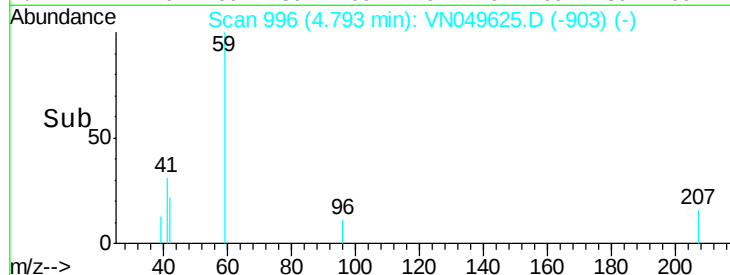
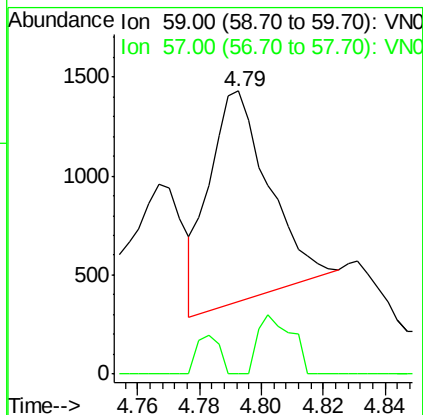
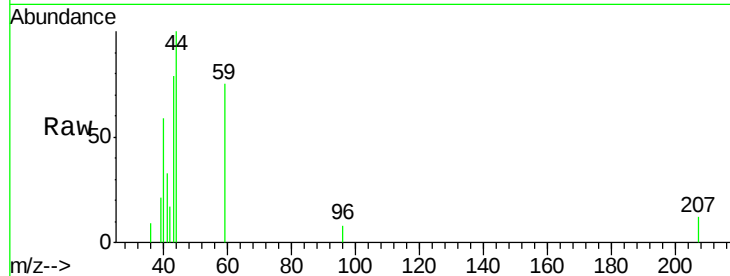


#11

Tert butyl alcohol
 Concen: 1.646 ug/l
 RT: 4.79 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: VN049625.D
 Acq: 29 Jun 2018 10:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

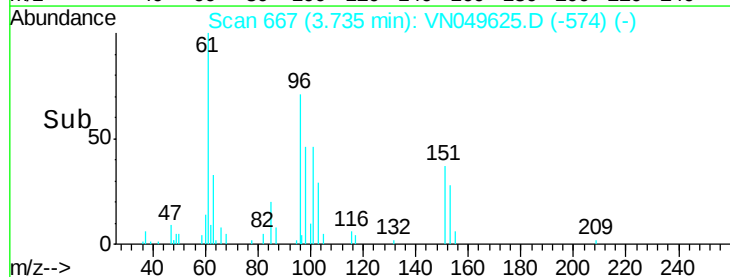
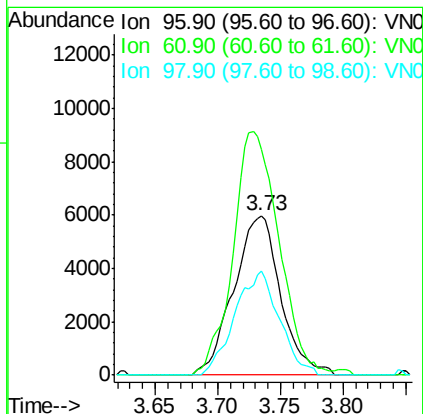
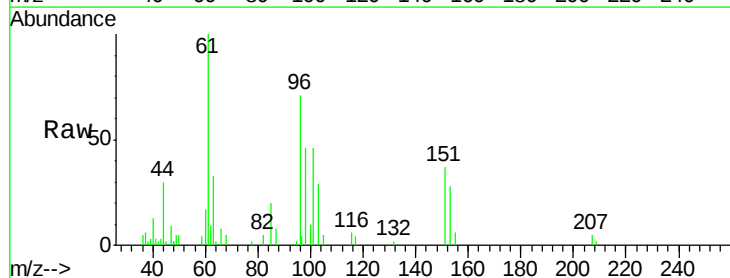
Tgt Ion: 59 Resp: 1441
 Ion Ratio Lower Upper
 59 100
 57 15.8 8.5 12.7#

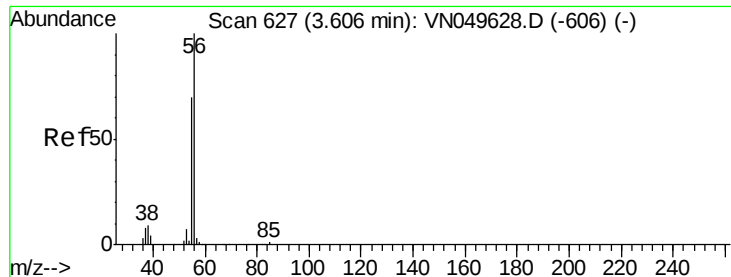


#12

1,1-Dichloroethene
 Concen: 1.143 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: VN049625.D
 Acq: 29 Jun 2018 10:54

Tgt Ion: 96 Resp: 15502
 Ion Ratio Lower Upper
 96 100
 61 141.5 126.5 189.7
 98 65.5 51.0 76.6





#13

Acrolein

Concen: 9.391 ug/l

RT: 3.60 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampleId :

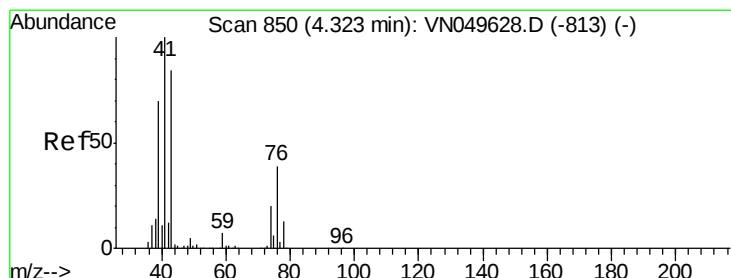
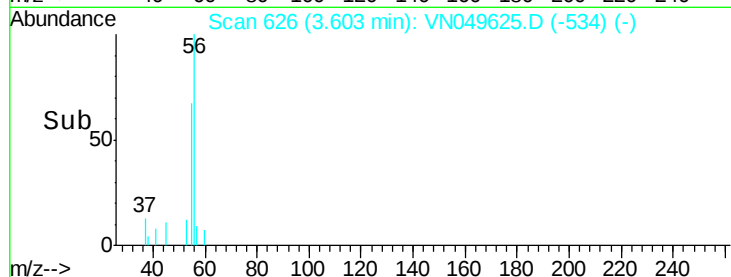
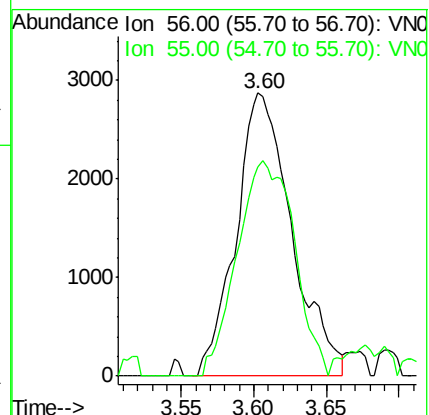
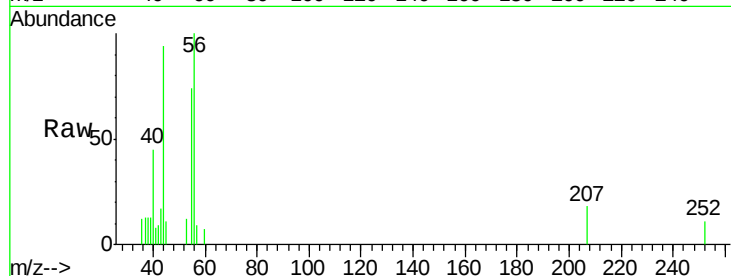
VSTDIC001

Tgt Ion: 56 Resp: 7678

Ion Ratio Lower Upper

56 100

55 78.0 55.8 83.8



#14

Allyl chloride

Concen: 1.134 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

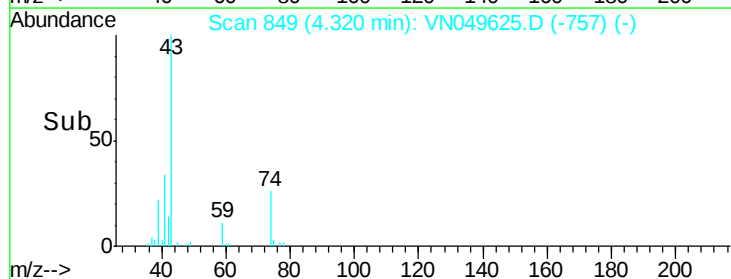
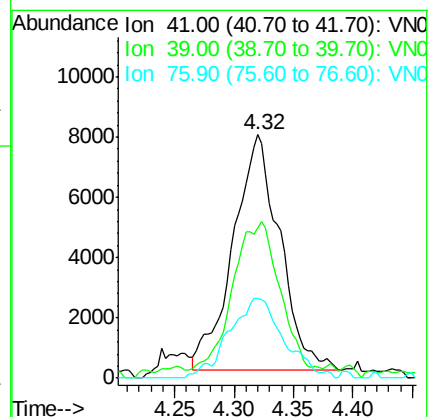
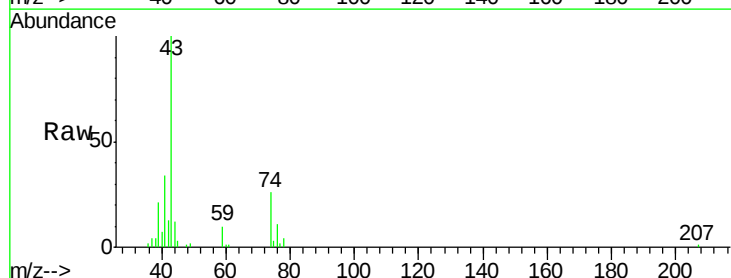
Tgt Ion: 41 Resp: 21129

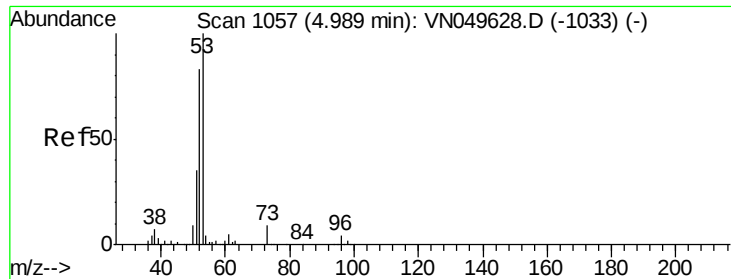
Ion Ratio Lower Upper

41 100

39 68.2 53.2 79.8

76 39.8 29.0 43.6





#15

Acrylonitrile

Concen: 4.524 ug/l

RT: 4.99 min Scan# 1056

Delta R.T. -0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

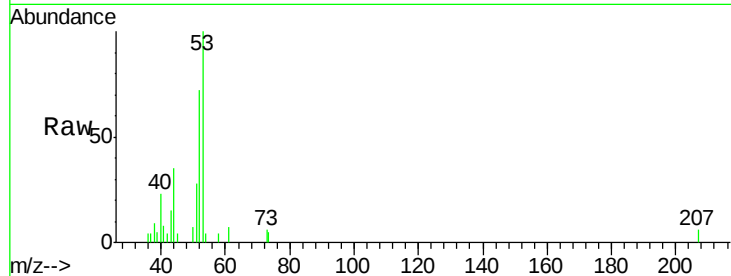
Tgt Ion: 53 Resp: 20450

Ion Ratio Lower Upper

53 100

52 80.7 64.8 97.2

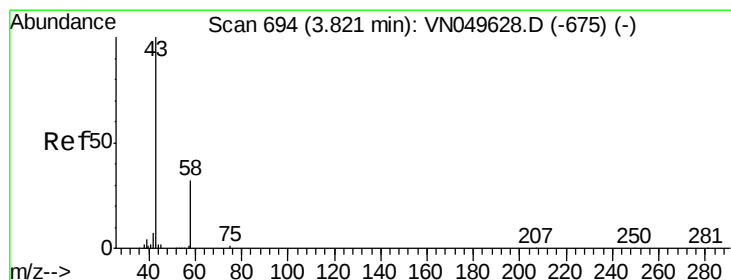
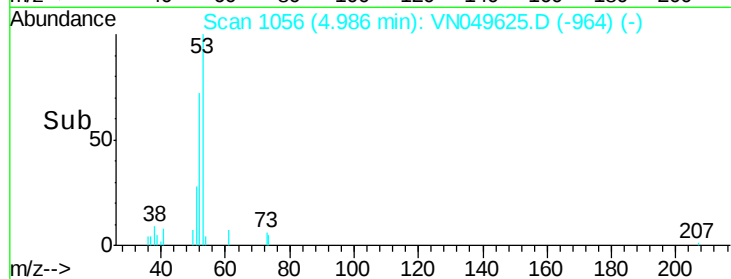
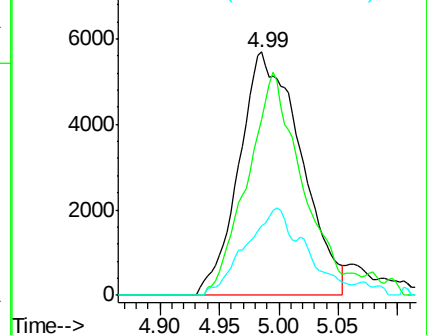
51 26.0 28.9 43.3#



Abundance Ion 53.00 (52.70 to 53.70): VN049625.D (-1033) (-)

Ion 52.00 (51.70 to 52.70): VN049625.D (-1033) (-)

Ion 51.00 (50.70 to 51.70): VN049625.D (-1033) (-)



#16

Acetone

Concen: 11.027 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049625.D

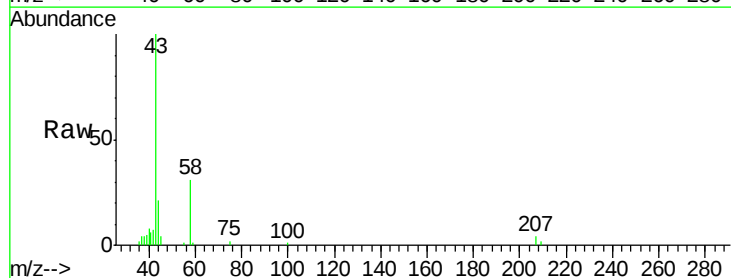
Acq: 29 Jun 2018 10:54

Tgt Ion: 43 Resp: 41657

Ion Ratio Lower Upper

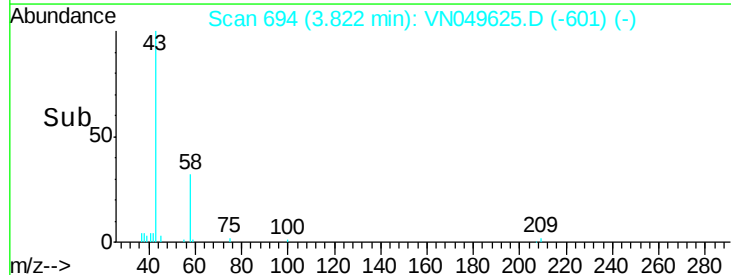
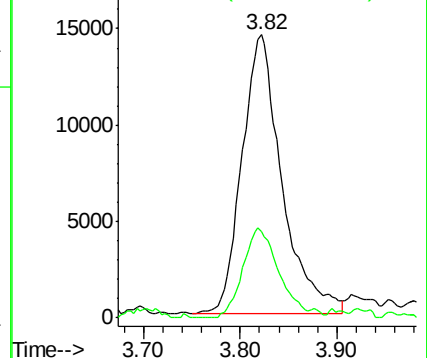
43 100

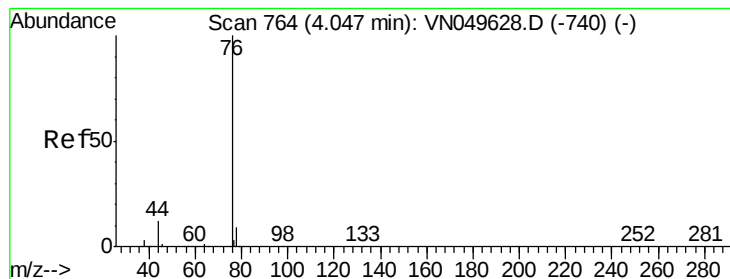
58 31.1 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN049625.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN049625.D (-601) (-)





#17

Carbon Disulfide

Concen: 1.059 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampleId :

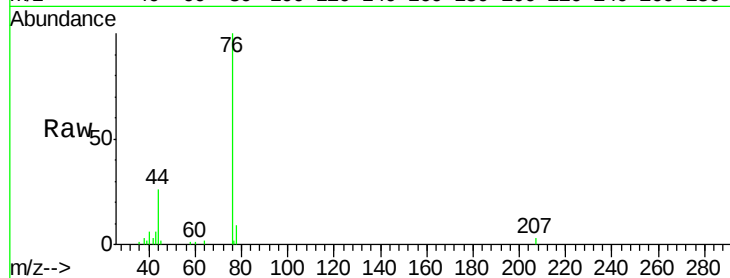
VSTDIC001

Tgt Ion: 76 Resp: 43560

Ion Ratio Lower Upper

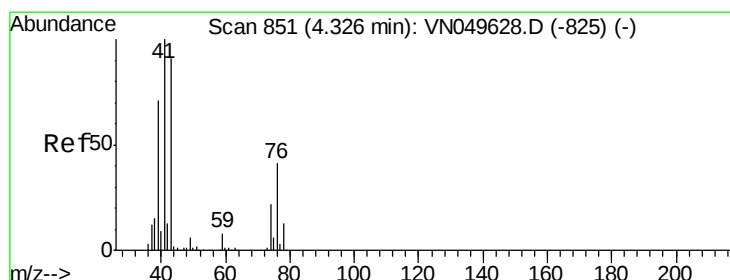
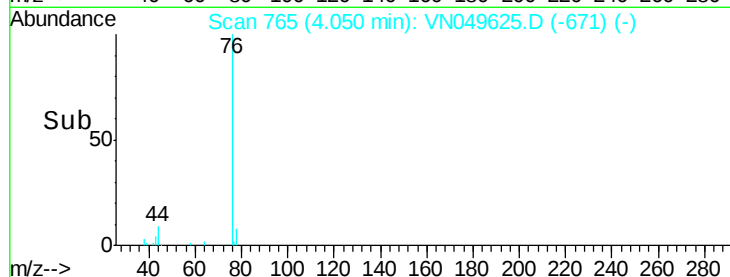
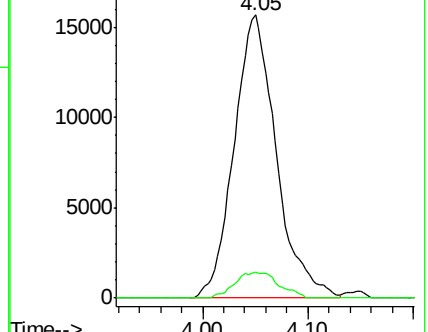
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN049625.D (-740) (-)

Ion 77.90 (77.60 to 78.60): VN049625.D (-740) (-)



#18

Methyl Acetate

Concen: 3.510 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049625.D

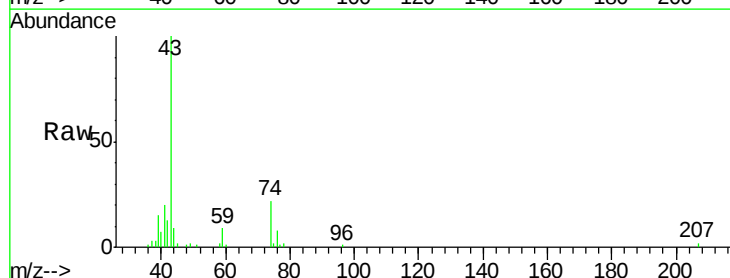
Acq: 29 Jun 2018 10:54

Tgt Ion: 43 Resp: 80678

Ion Ratio Lower Upper

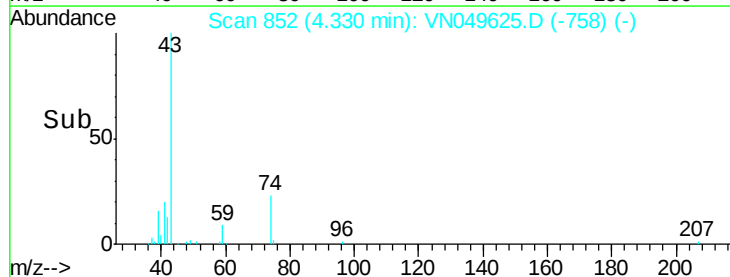
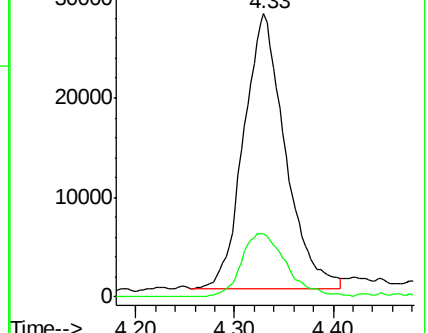
43 100

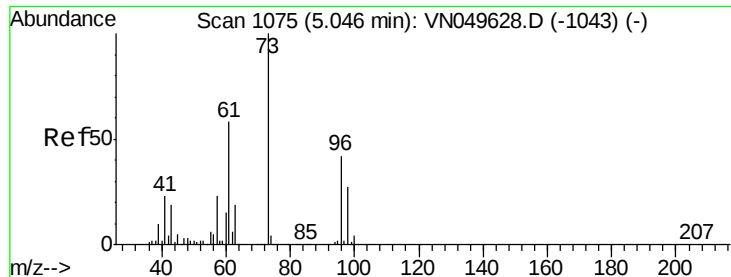
74 25.1 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN049625.D (-758) (-)

Ion 74.00 (73.70 to 74.70): VN049625.D (-758) (-)





#19

Methyl tert-butyl Ether

Concen: 0.932 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampleId :

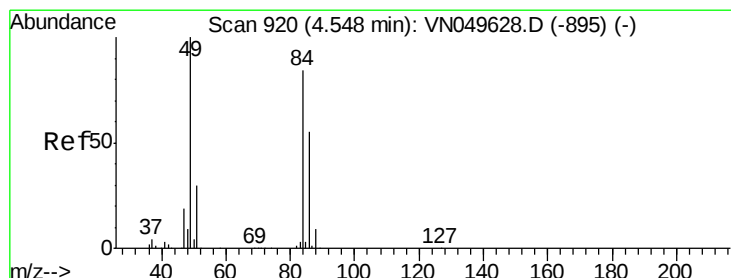
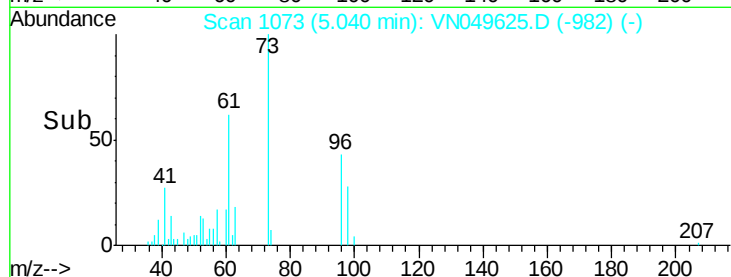
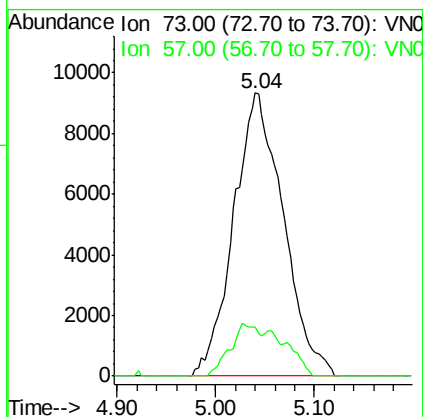
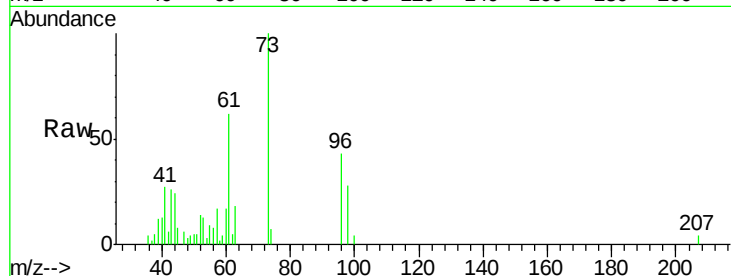
VSTDIC001

Tgt Ion: 73 Resp: 32583

Ion Ratio Lower Upper

73 100

57 17.2 18.1 27.1#



#20

Methylene Chloride

Concen: 1.298 ug/l

RT: 4.55 min Scan# 919

Delta R.T. -0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Tgt Ion: 84 Resp: 20384

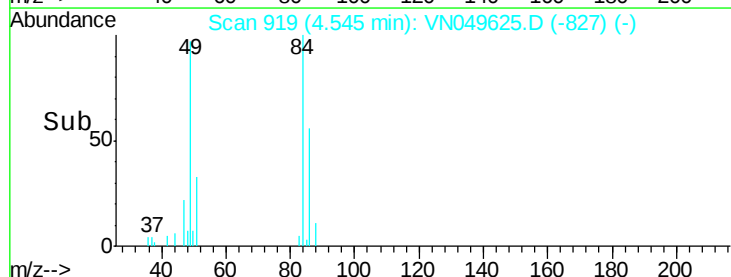
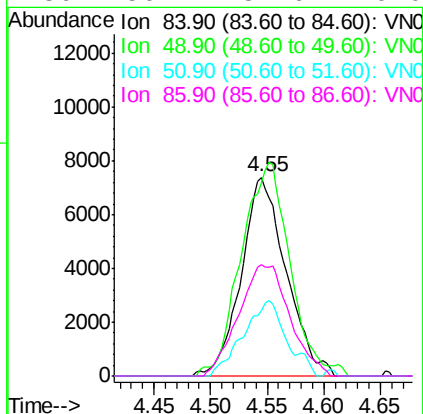
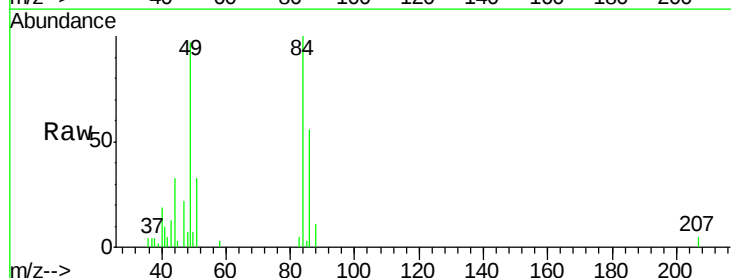
Ion Ratio Lower Upper

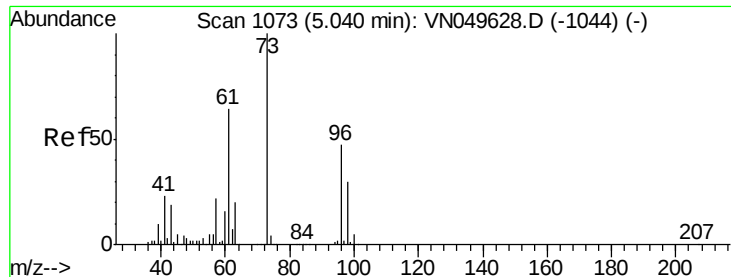
84 100

49 97.3 95.4 143.2

51 33.0 28.4 42.6

86 56.4 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 0.540 ug/l

RT: 5.03 min Scan# 1071

Delta R.T. -0.01 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

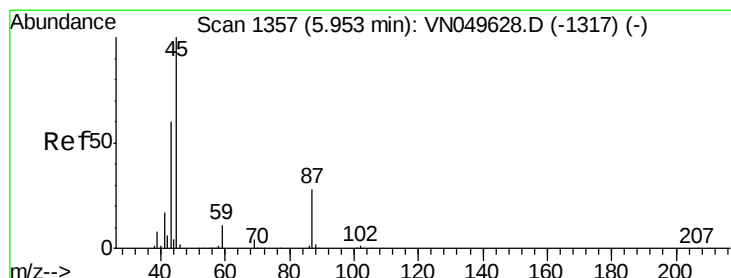
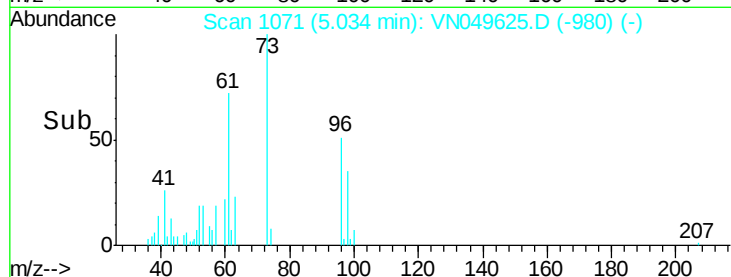
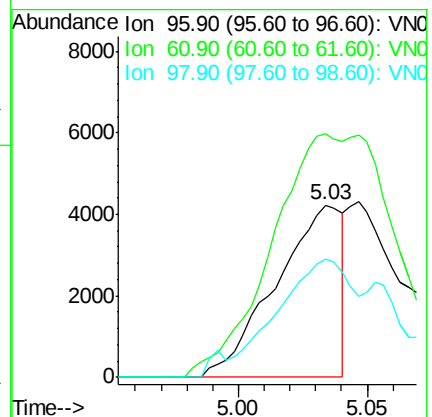
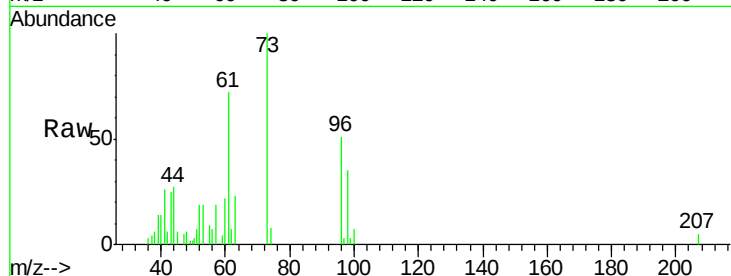
Tgt Ion: 96 Resp: 7539

Ion Ratio Lower Upper

96 100

61 135.7 109.0 163.6

98 68.6 51.1 76.7



#22

Diisopropyl ether

Concen: 0.908 ug/l

RT: 5.95 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Tgt Ion: 45 Resp: 38265

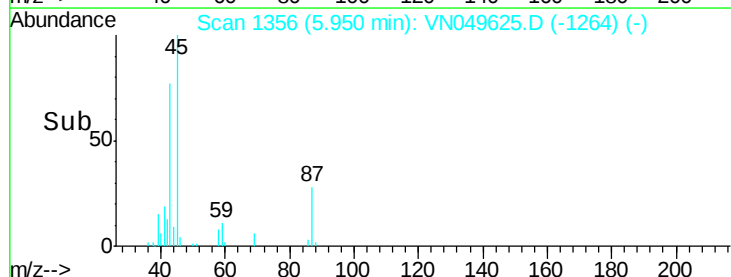
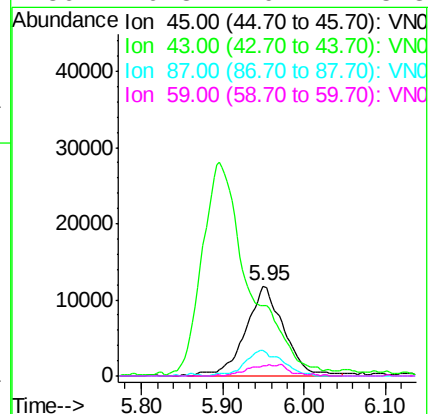
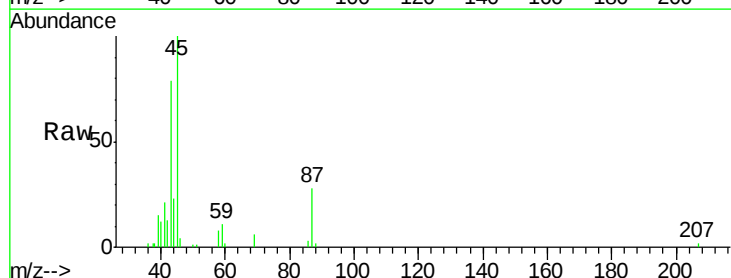
Ion Ratio Lower Upper

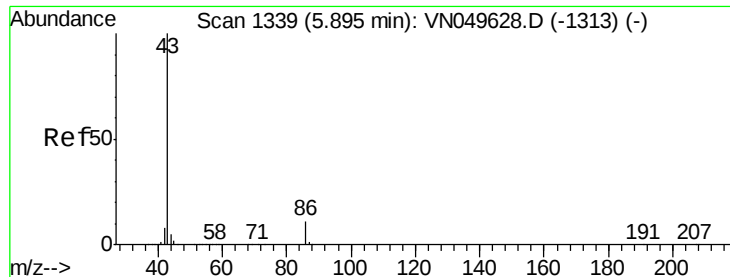
45 100

43 72.4 48.1 72.1#

87 27.9 22.6 34.0

59 10.8 9.2 13.8

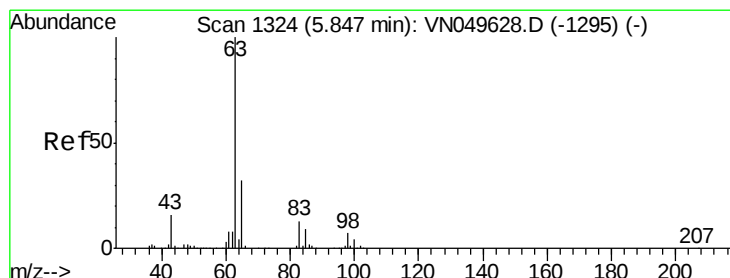
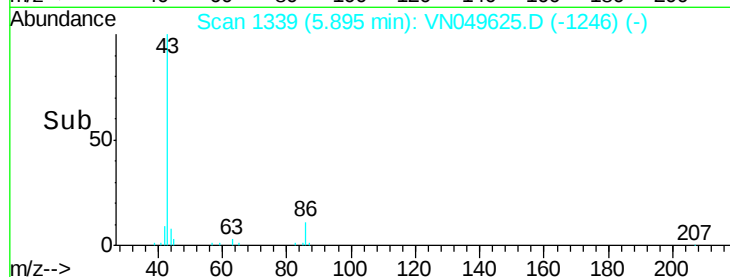
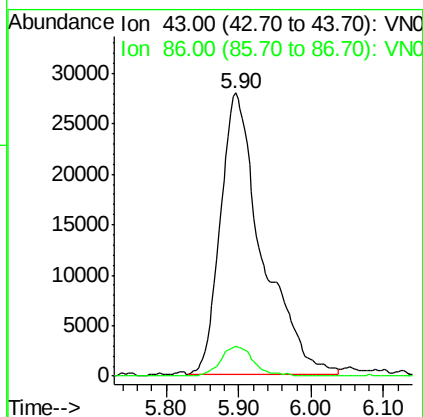
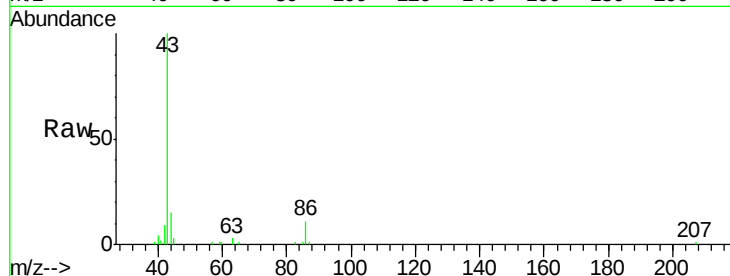




#23
 Vinyl Acetate
 Concen: 4.079 ug/l
 RT: 5.90 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: VN049625.D
 Acq: 29 Jun 2018 10:54

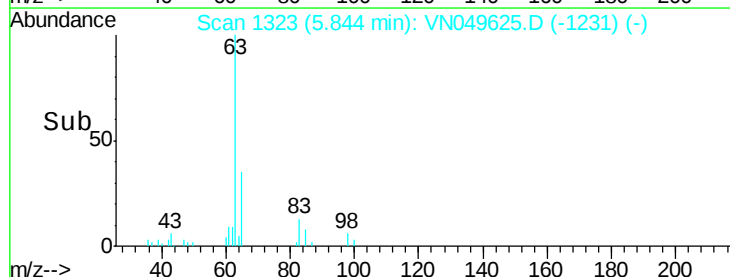
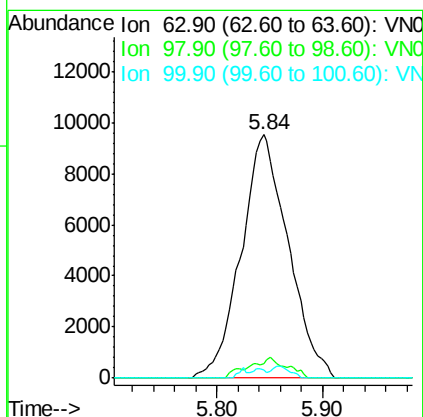
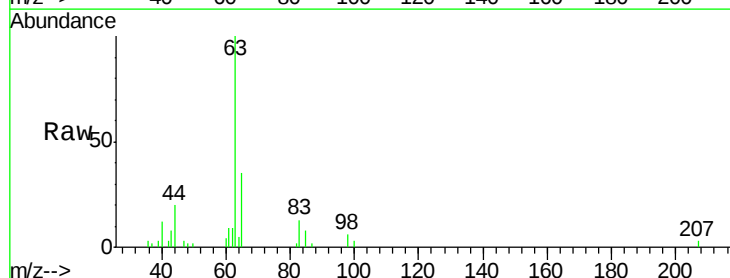
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

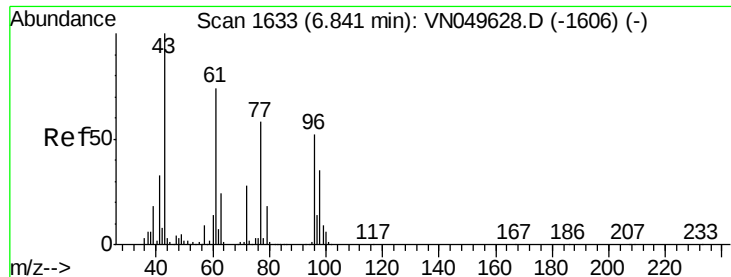
Tgt Ion: 43 Resp: 111524
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 1.114 ug/l
 RT: 5.84 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VN049625.D
 Acq: 29 Jun 2018 10:54

Tgt Ion: 63 Resp: 29589
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.4 10.2
 100 3.3 2.2 6.6

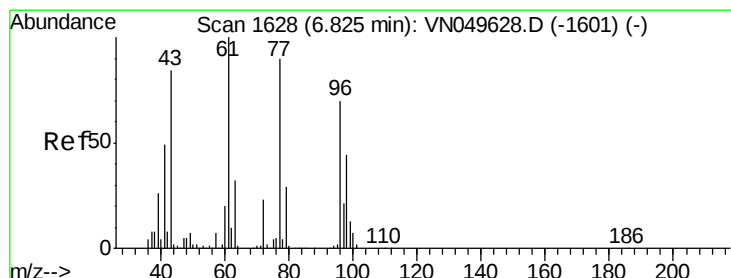
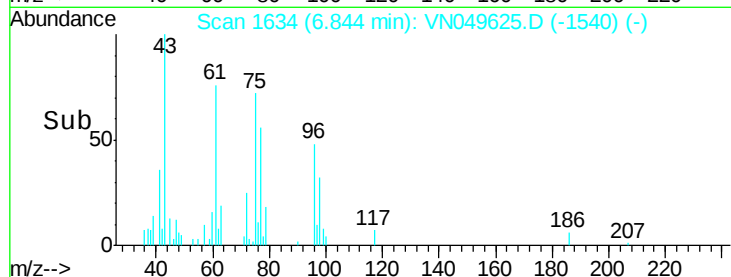
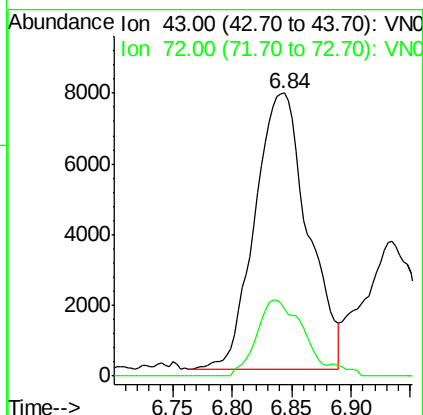
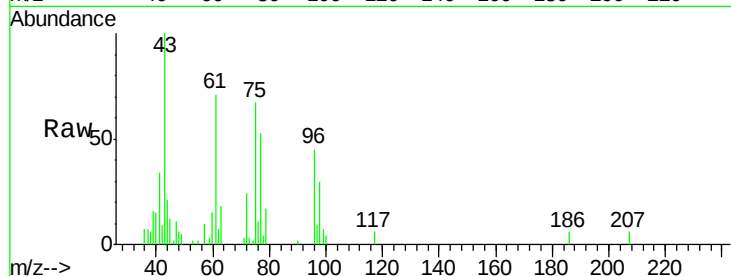




#25
2-Butanone
Concen: 4.763 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN049625.D
Acq: 29 Jun 2018 10:54

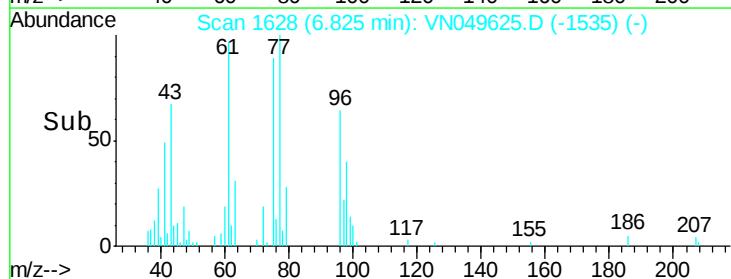
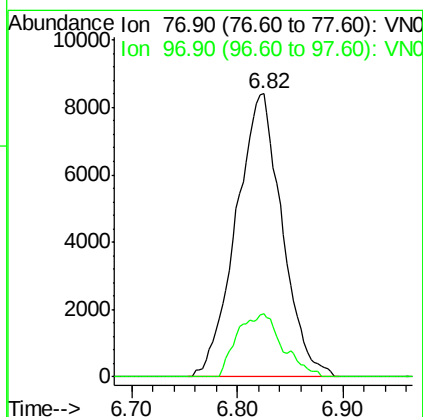
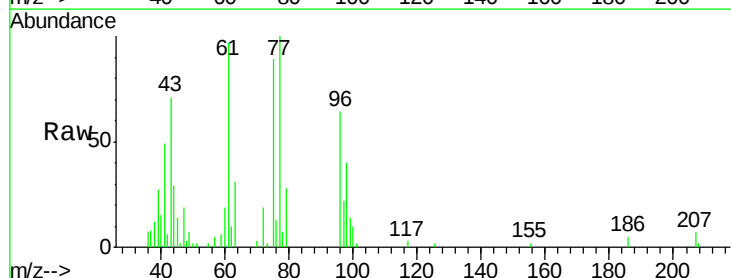
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

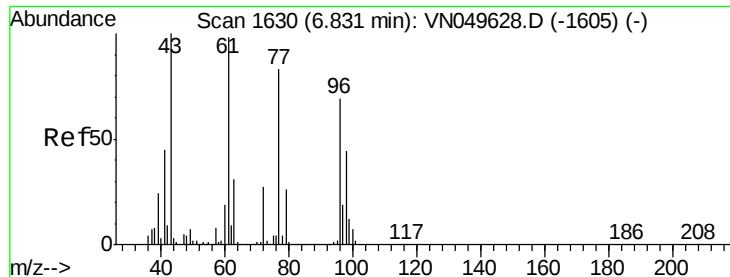
Tgt Ion: 43 Resp: 24118
Ion Ratio Lower Upper
43 100
72 24.3 22.1 33.1



#26
2,2-Dichloropropane
Concen: 1.156 ug/l
RT: 6.82 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VN049625.D
Acq: 29 Jun 2018 10:54

Tgt Ion: 77 Resp: 25503
Ion Ratio Lower Upper
77 100
97 22.0 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 1.060 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

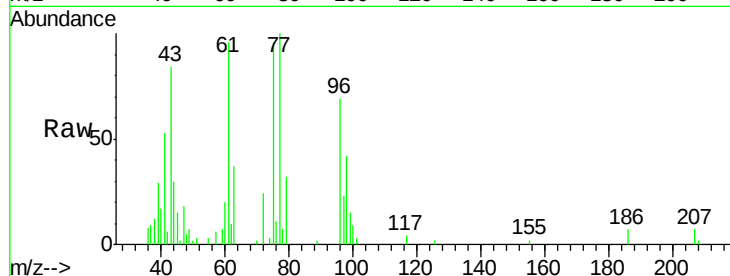
Tgt Ion: 96 Resp: 16532

Ion Ratio Lower Upper

96 100

61 143.9 0.0 289.0

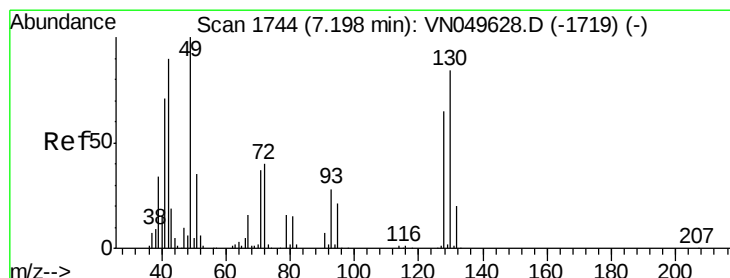
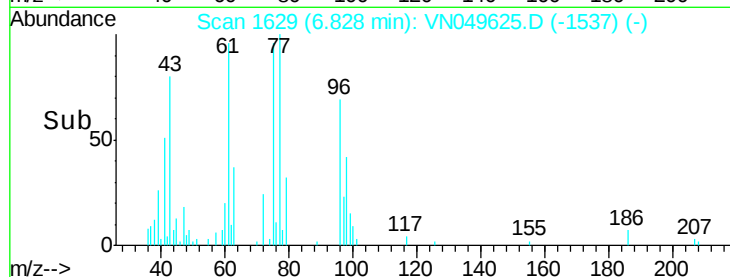
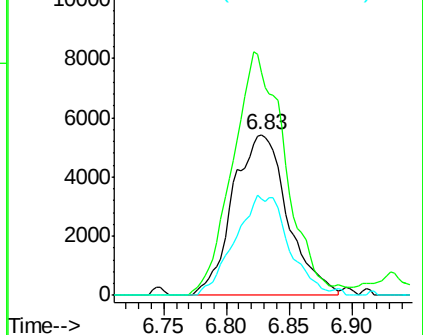
98 60.4 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VN049625.D (-1537) (-)

Ion 60.90 (60.60 to 61.60): VN049625.D (-1537) (-)

Ion 97.90 (97.60 to 98.60): VN049625.D (-1537) (-)



#28

Bromochloromethane

Concen: 0.949 ug/l

RT: 7.19 min Scan# 1742

Delta R.T. -0.01 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

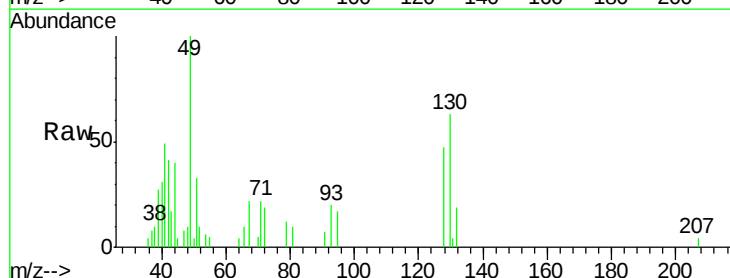
Tgt Ion: 49 Resp: 10697

Ion Ratio Lower Upper

49 100

129 0.3 0.0 4.2

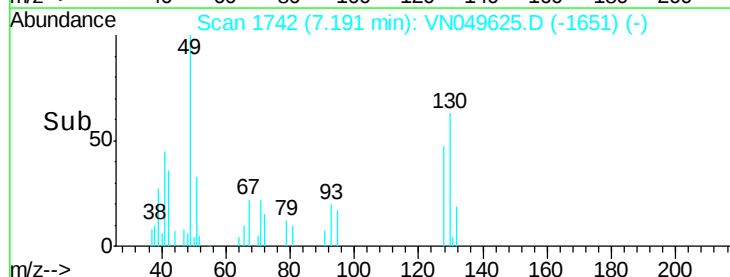
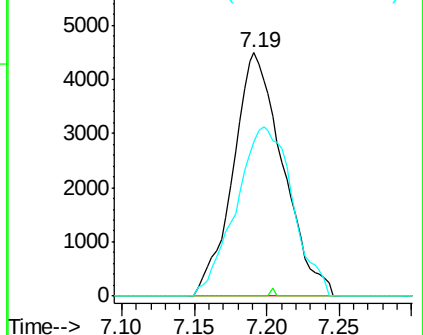
130 78.9 65.5 98.3

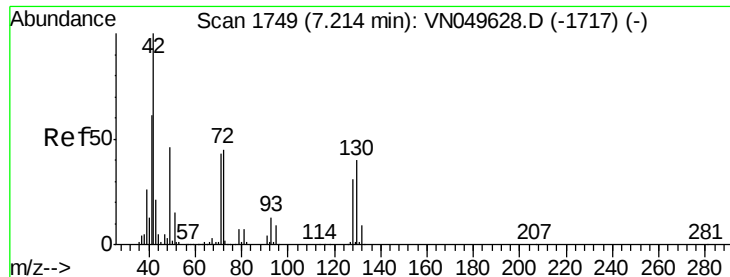


Abundance Ion 48.90 (48.60 to 49.60): VN049625.D (-1651) (-)

Ion 128.80 (128.50 to 129.50): VN049625.D (-1651) (-)

Ion 129.80 (129.50 to 130.50): VN049625.D (-1651) (-)





#29

Tetrahydrofuran

Concen: 4.637 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

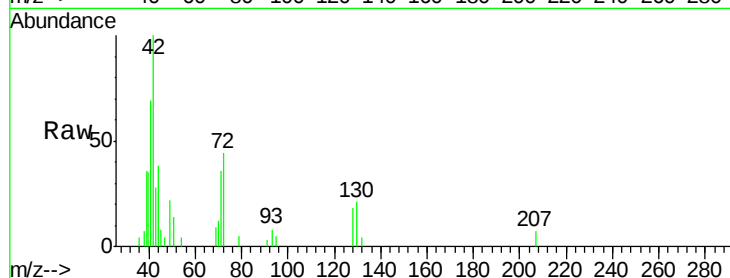
Tgt Ion: 42 Resp: 14965

Ion Ratio Lower Upper

42 100

72 18.9 35.6 53.4#

71 40.0 34.0 51.0

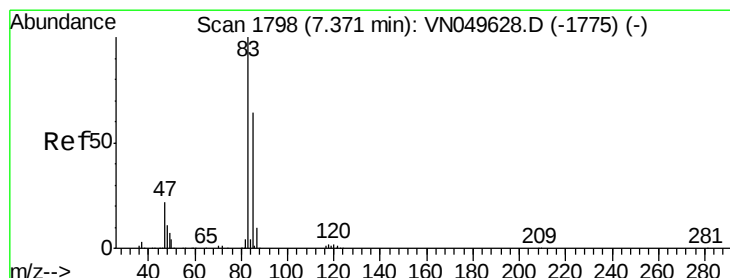
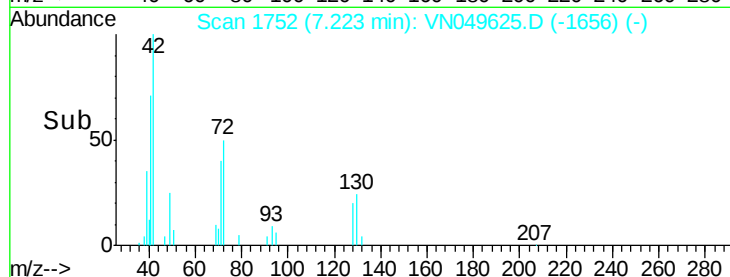
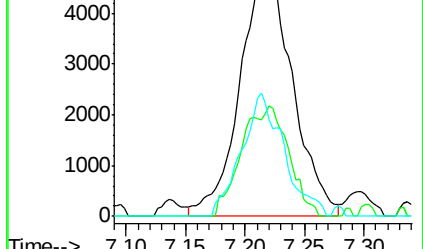


Abundance Ion 42.00 (41.70 to 42.70): VN049625.D (-1656) (-)

Ion 72.00 (71.70 to 72.70): VN049625.D (-1656) (-)

Ion 71.00 (70.70 to 71.70): VN049625.D (-1656) (-)

Time-->



#30

Chloroform

Concen: 1.172 ug/l

RT: 7.37 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN049625.D

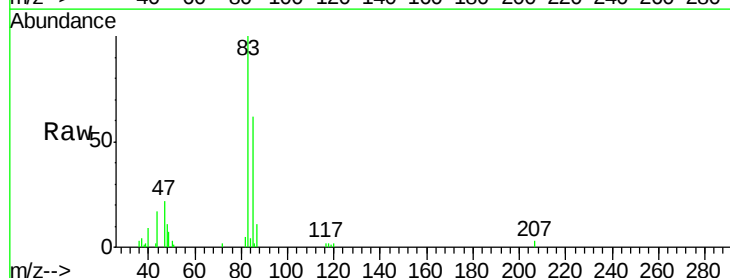
Acq: 29 Jun 2018 10:54

Tgt Ion: 83 Resp: 31740

Ion Ratio Lower Upper

83 100

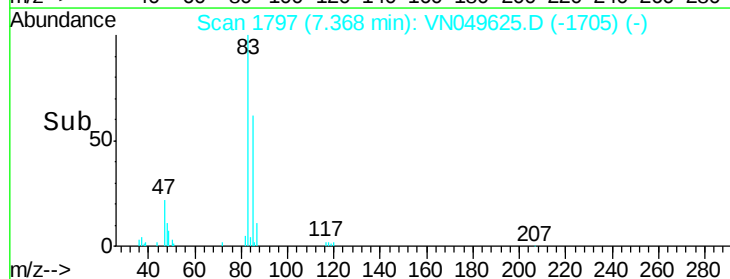
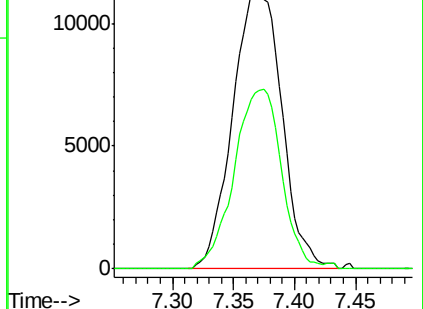
85 61.9 51.4 77.2

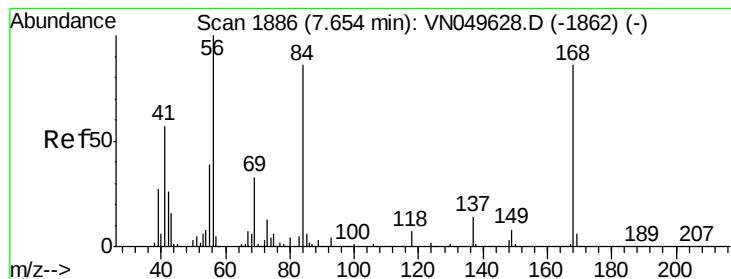


Abundance Ion 82.90 (82.60 to 83.60): VN049625.D (-1705) (-)

Ion 84.90 (84.60 to 85.60): VN049625.D (-1705) (-)

Time-->





#31

Cyclohexane

Concen: 1.492 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

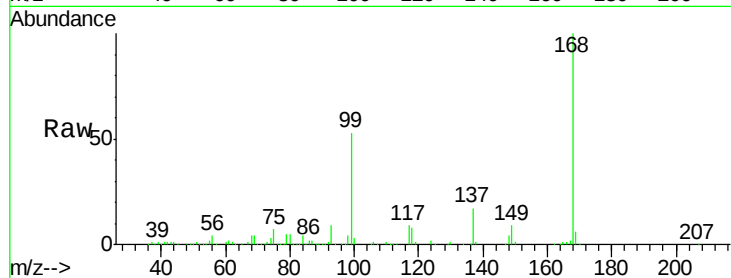
Tgt Ion: 56 Resp: 39025

Ion Ratio Lower Upper

56 100

69 107.8 26.6 40.0#

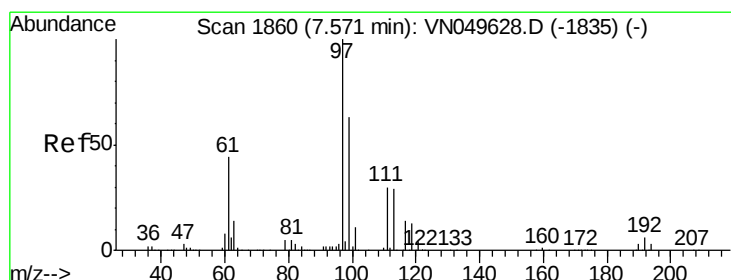
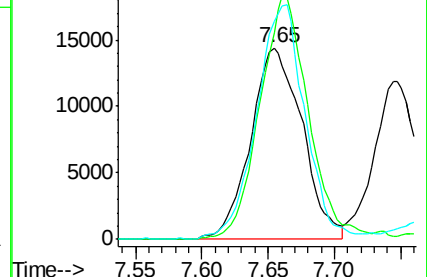
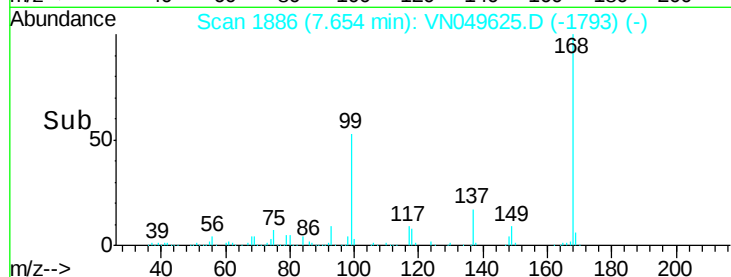
84 113.8 69.0 103.6#



Abundance Ion 56.00 (55.70 to 56.70): VN049625.D (-1793) (-)

Ion 69.00 (68.70 to 69.70): VN049625.D (-1793) (-)

Ion 84.00 (83.70 to 84.70): VN049625.D (-1793) (-)



#32

1,1,1-Trichloroethane

Concen: 1.111 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

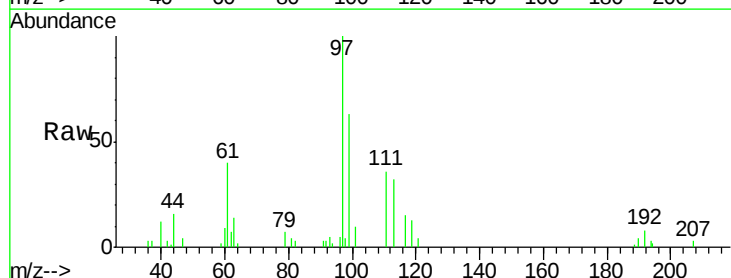
Tgt Ion: 97 Resp: 25456

Ion Ratio Lower Upper

97 100

99 0.0 51.0 76.4#

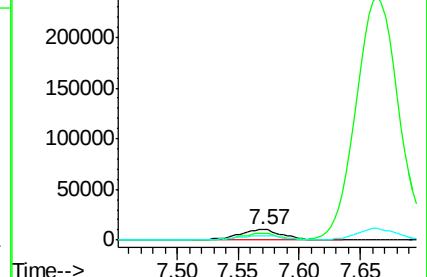
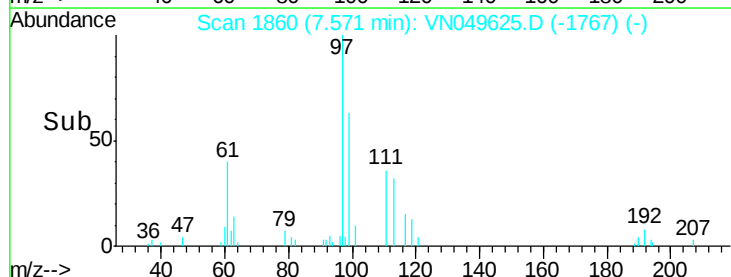
61 45.4 35.5 53.3

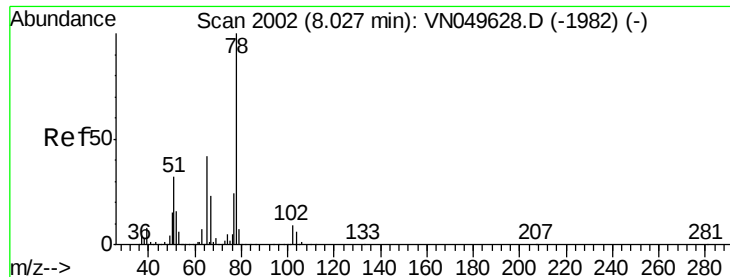


Abundance Ion 96.90 (96.60 to 97.60): VN049625.D (-1767) (-)

Ion 98.90 (98.60 to 99.60): VN049625.D (-1767) (-)

Ion 60.90 (60.60 to 61.60): VN049625.D (-1767) (-)

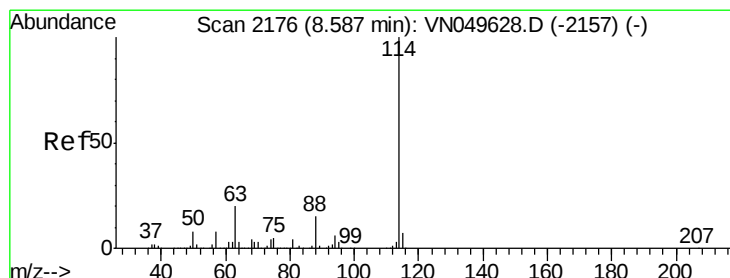
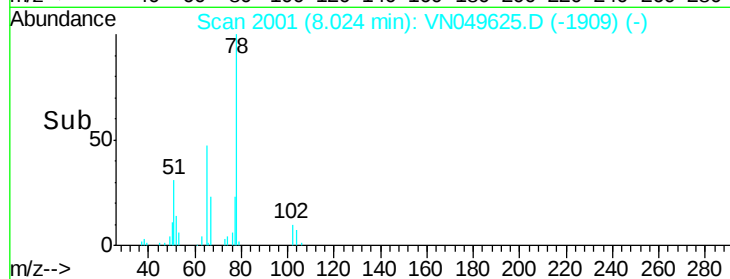
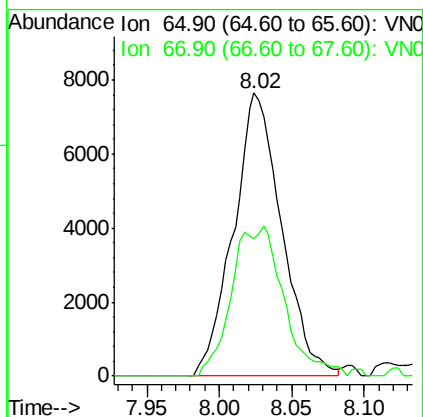
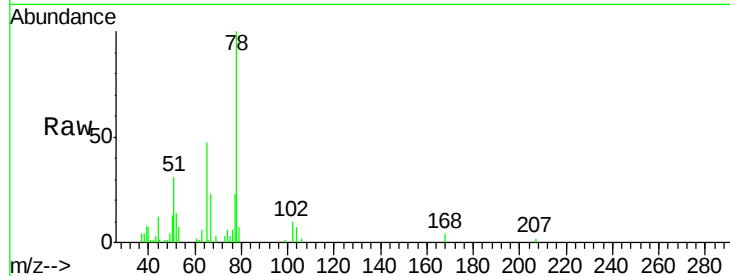




#33
 1,2-Dichloroethane-d4
 Concen: 1.159 ug/l
 RT: 8.02 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: VN049625.D
 Acq: 29 Jun 2018 10:54

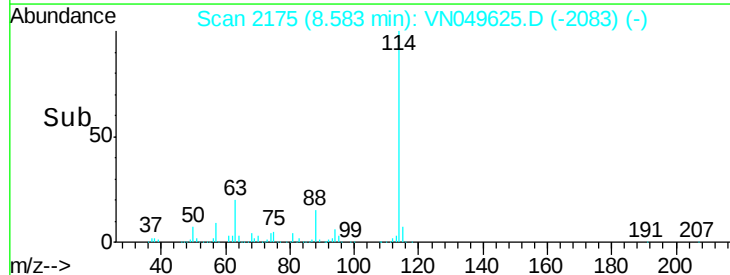
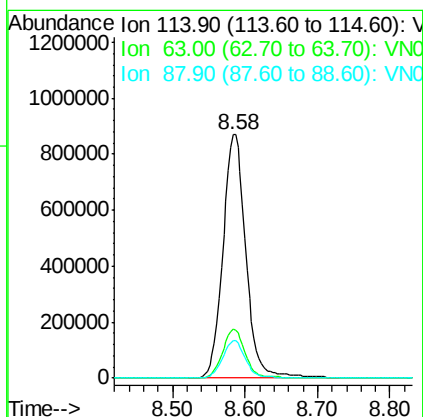
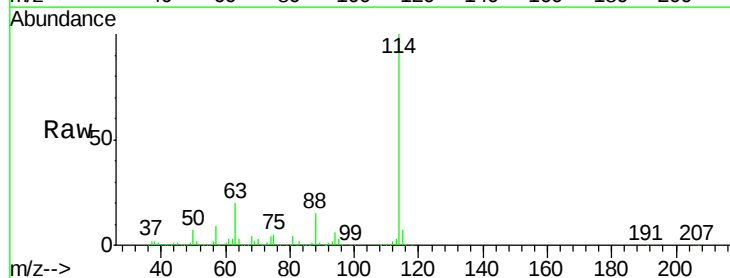
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

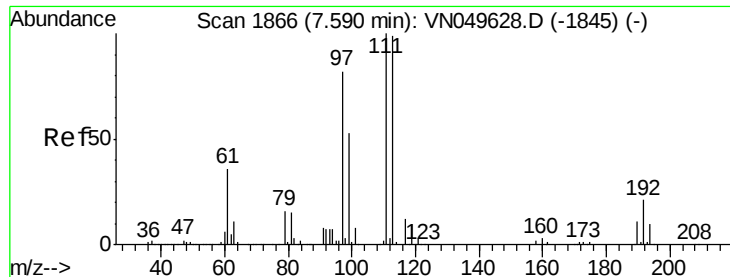
Tgt Ion: 65 Resp: 17685
 Ion Ratio Lower Upper
 65 100
 67 57.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2175
 Delta R.T. -0.00 min
 Lab File: VN049625.D
 Acq: 29 Jun 2018 10:54

Tgt Ion: 114 Resp: 1915106
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.3 0.0 30.6

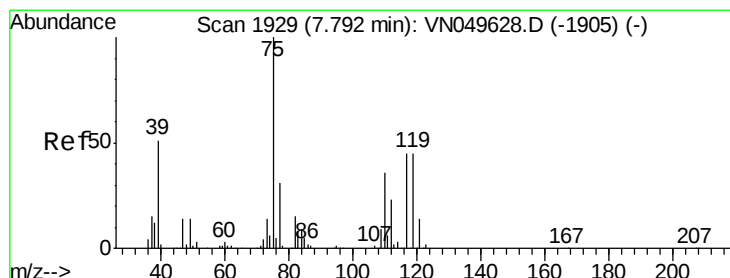
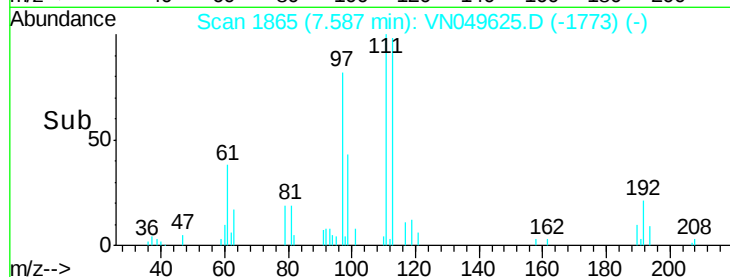
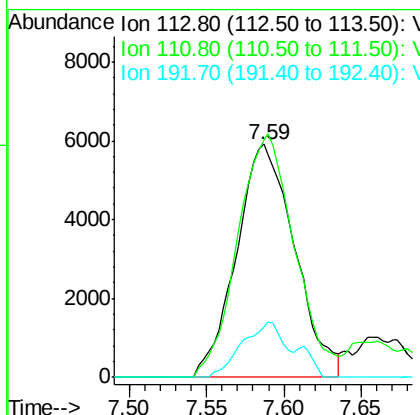
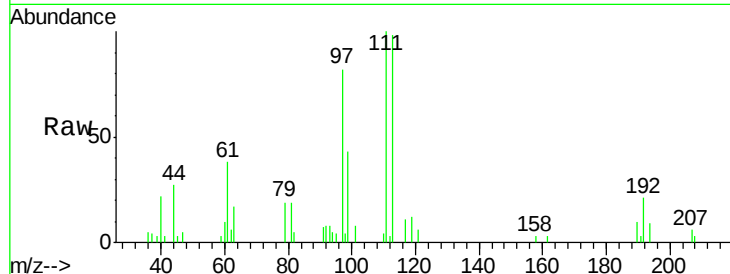




#35
 Dibromofluoromethane
 Concen: 1.081 ug/l
 RT: 7.59 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN049625.D
 Acq: 29 Jun 2018 10:54

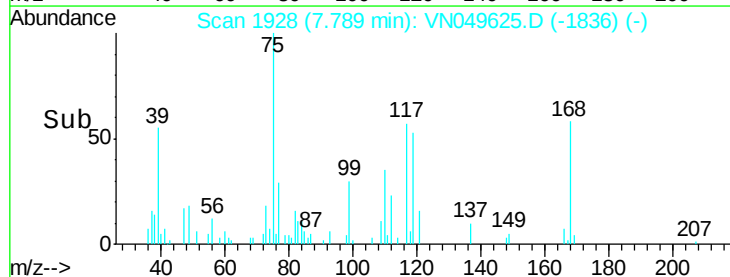
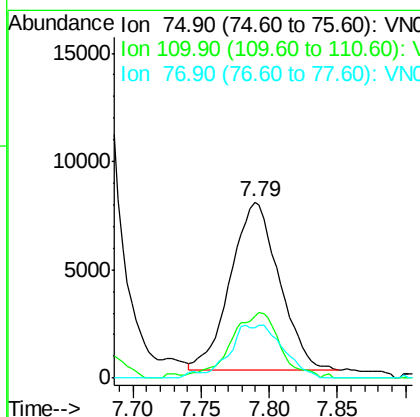
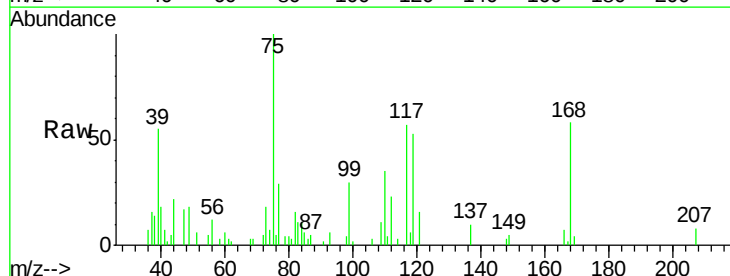
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

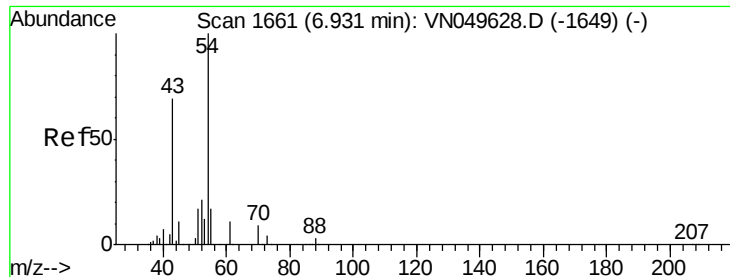
Tgt Ion:113 Resp: 15470
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.8 122.8
 192 17.3 17.8 26.6#



#36
 1,1-Dichloropropene
 Concen: 0.898 ug/l
 RT: 7.79 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: VN049625.D
 Acq: 29 Jun 2018 10:54

Tgt Ion: 75 Resp: 19350
 Ion Ratio Lower Upper
 75 100
 110 38.8 18.1 54.4
 77 13.6 24.9 37.3#

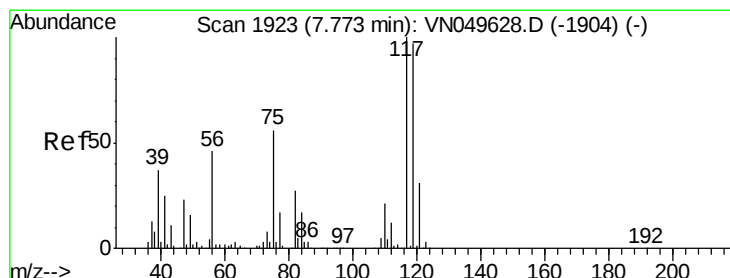
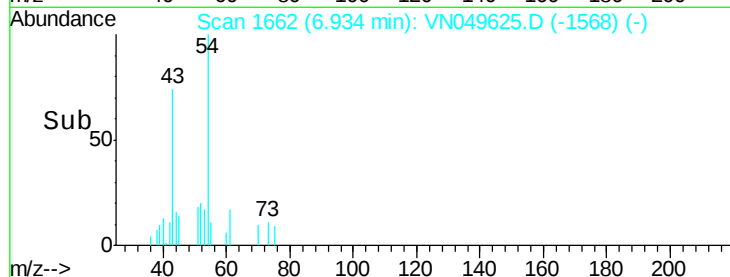
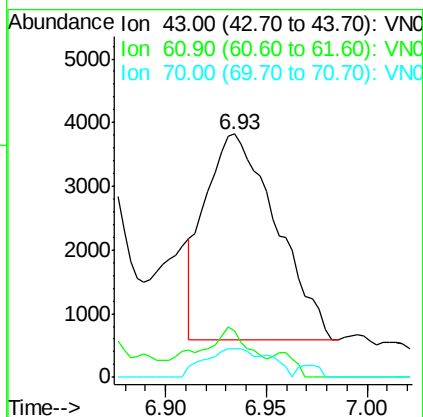
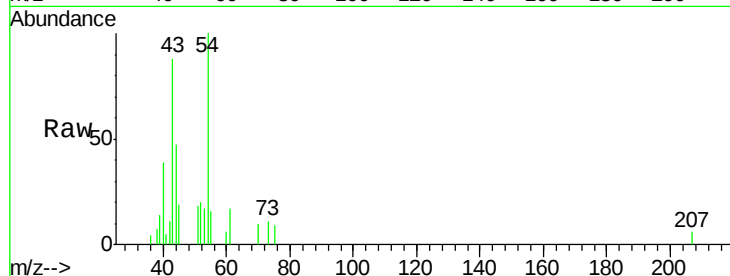




#37
Ethyl Acetate
Concen: 0.628 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049625.D
Acq: 29 Jun 2018 10:54

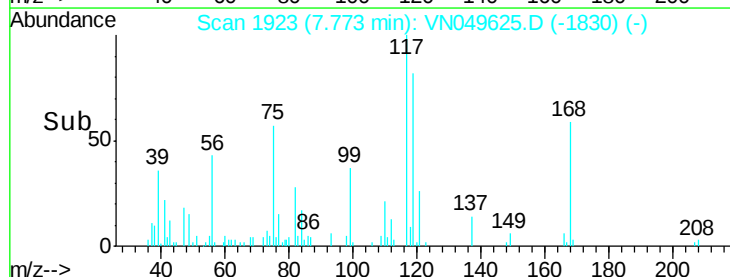
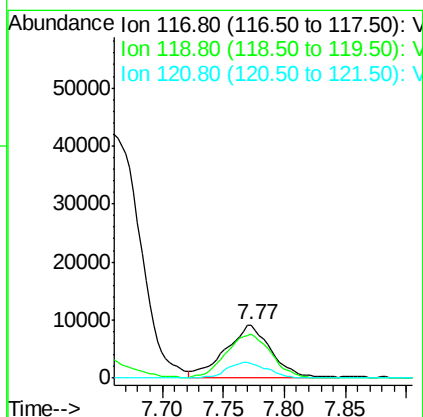
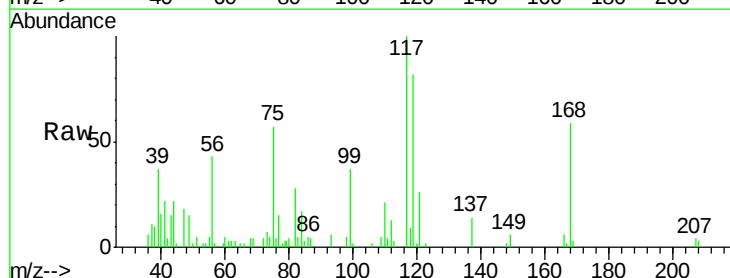
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

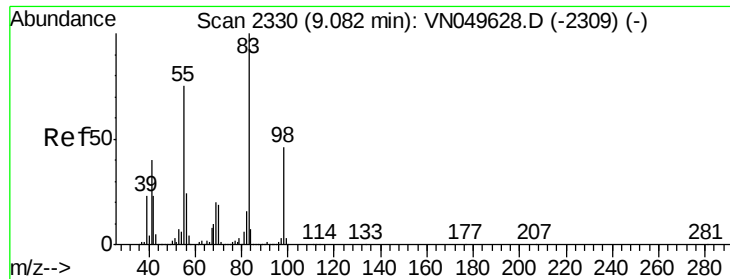
Tgt Ion: 43 Resp: 7887
Ion Ratio Lower Upper
43 100
61 0.0 11.7 17.5#
70 12.8 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 1.094 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VN049625.D
Acq: 29 Jun 2018 10:54

Tgt Ion: 117 Resp: 22939
Ion Ratio Lower Upper
117 100
119 83.3 77.2 115.8
121 26.7 25.0 37.6

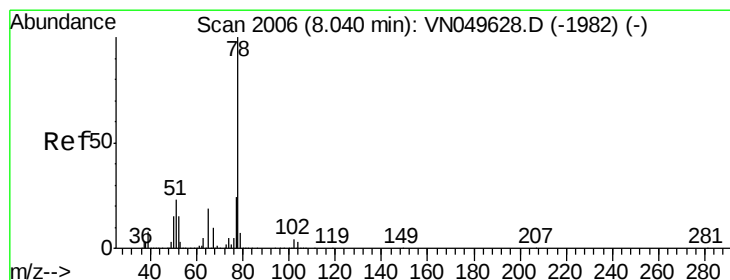
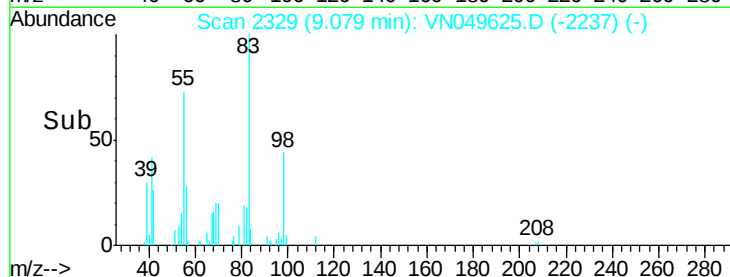
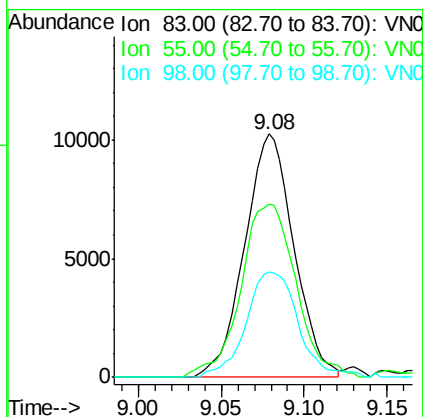
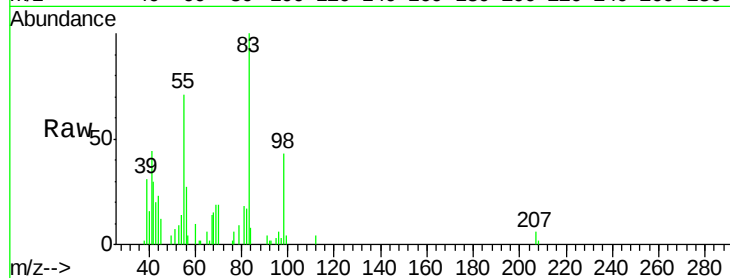




#39
Methylcyclohexane
Concen: 0.896 ug/l
RT: 9.08 min Scan# 2329
Delta R.T. -0.00 min
Lab File: VN049625.D
Acq: 29 Jun 2018 10:54

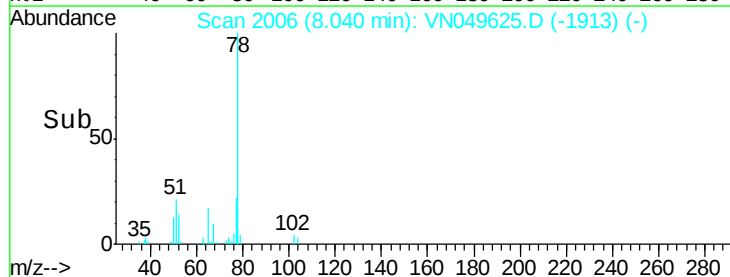
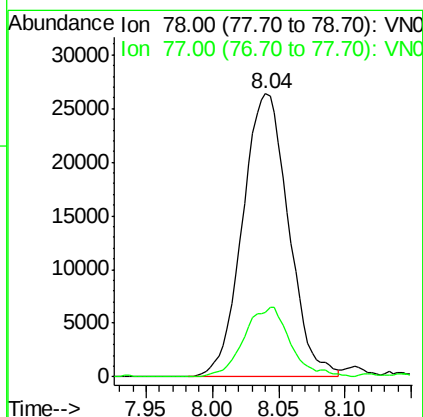
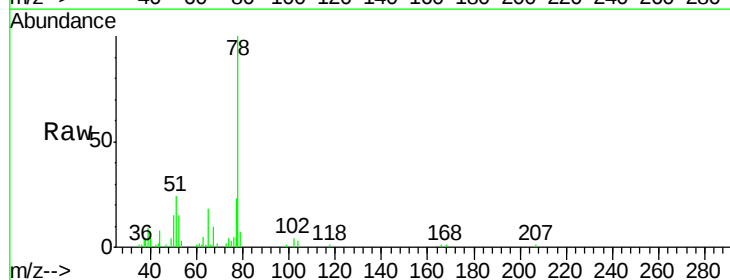
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

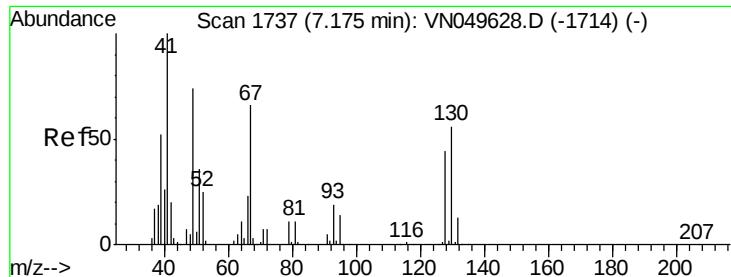
Tgt Ion: 83 Resp: 21162
Ion Ratio Lower Upper
83 100
55 69.6 59.7 89.5
98 43.2 36.5 54.7



#40
Benzene
Concen: 0.969 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VN049625.D
Acq: 29 Jun 2018 10:54

Tgt Ion: 78 Resp: 63751
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.4

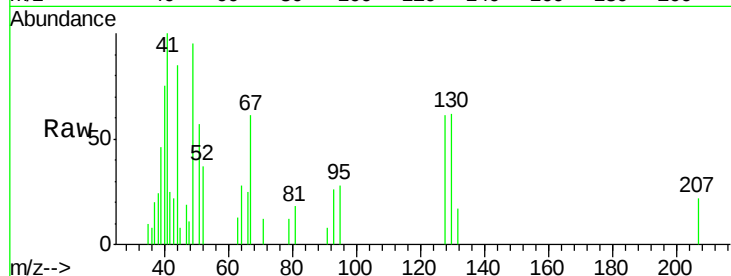




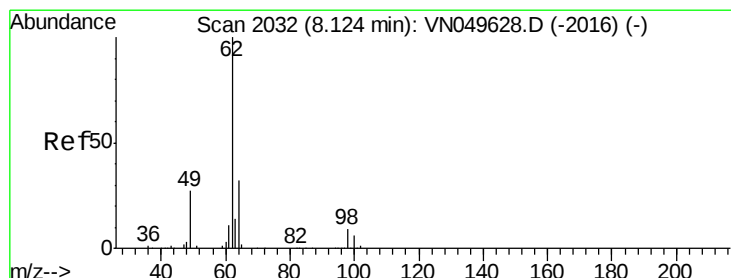
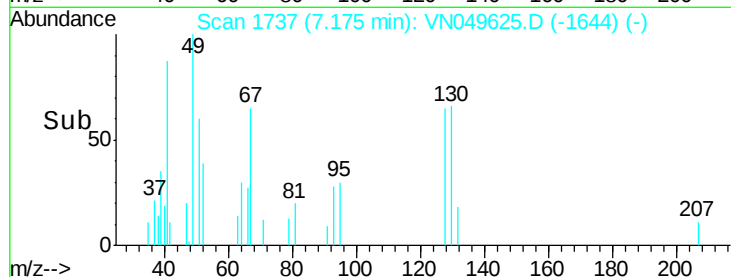
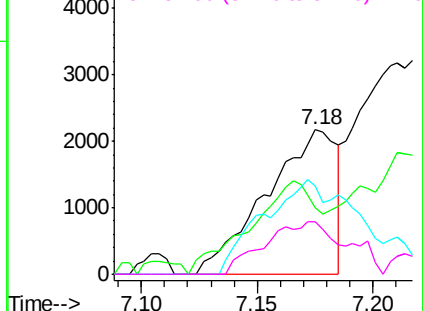
#41
Methacrylonitrile
Concen: 0.682 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN049625.D
Acq: 29 Jun 2018 10:54

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tgt Ion: 41 Resp: 4573
Ion Ratio Lower Upper
41 100
39 61.3 45.4 68.2
67 59.7 65.4 98.0#
52 35.9 24.7 37.1

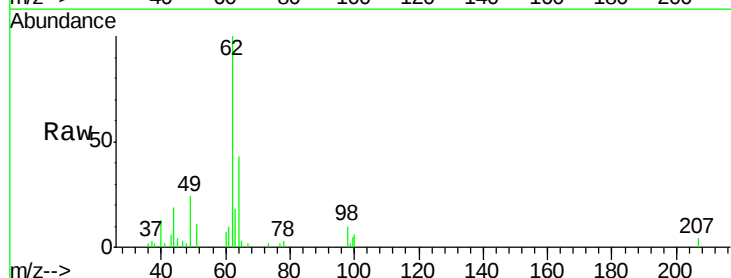


Abundance Ion 41.00 (40.70 to 41.70): VN049625.D (-1644) (-)
Ion 39.00 (38.70 to 39.70): VN049625.D (-1644) (-)
Ion 67.00 (66.70 to 67.70): VN049625.D (-1644) (-)
Ion 52.00 (51.70 to 52.70): VN049625.D (-1644) (-)

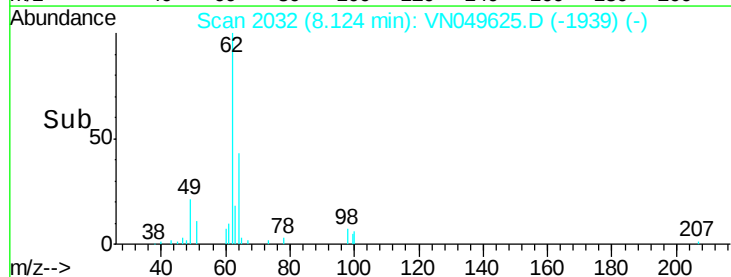
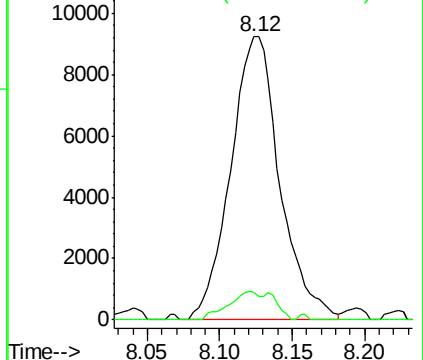


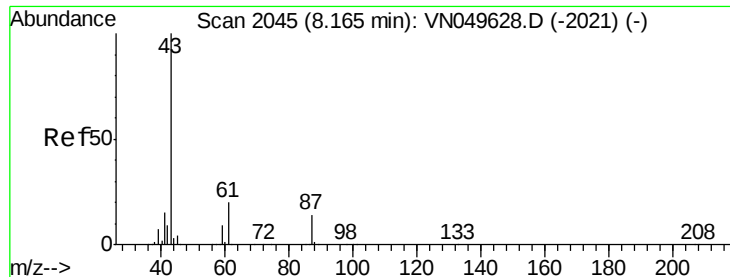
#42
1,2-Dichloroethane
Concen: 1.038 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN049625.D
Acq: 29 Jun 2018 10:54

Tgt Ion: 62 Resp: 21791
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VN049625.D (-1939) (-)
Ion 97.90 (97.60 to 98.60): VN049625.D (-1939) (-)





#43

Isopropyl Acetate

Concen: 1.875 ug/l

RT: 8.18 min Scan# 2051

Delta R.T. 0.02 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

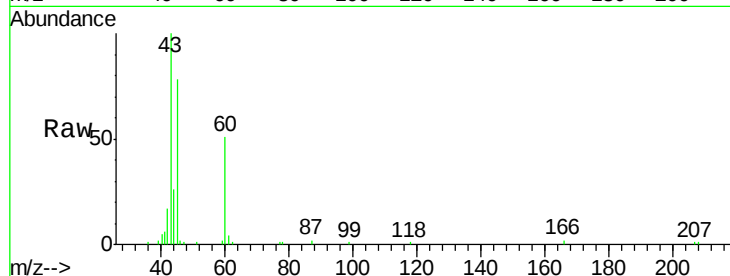
Tgt Ion: 43 Resp: 55683

Ion Ratio Lower Upper

43 100

61 7.5 14.9 22.3#

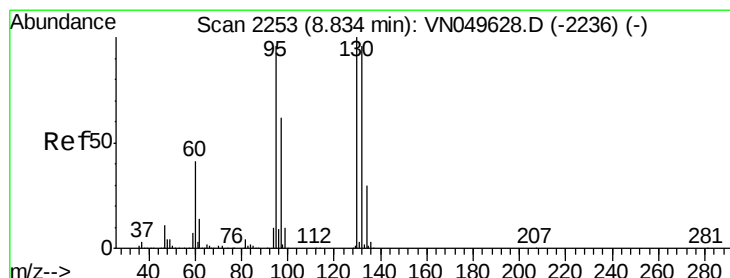
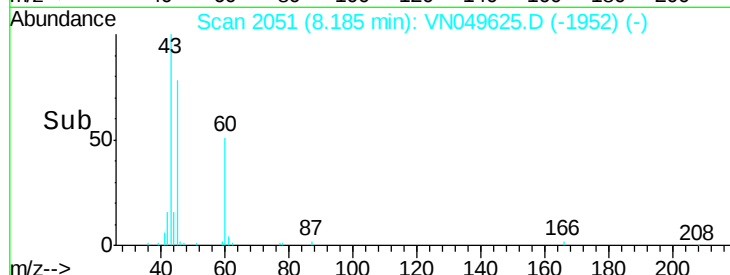
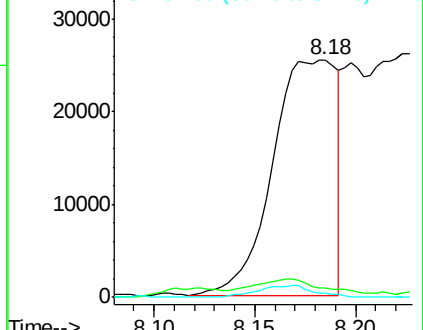
87 4.4 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VN049625.D (-2051) (-)

Ion 61.00 (60.70 to 61.70): VN049625.D (-2051) (-)

Ion 87.00 (86.70 to 87.70): VN049625.D (-2051) (-)



#44

Trichloroethene

Concen: 0.940 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VN049625.D

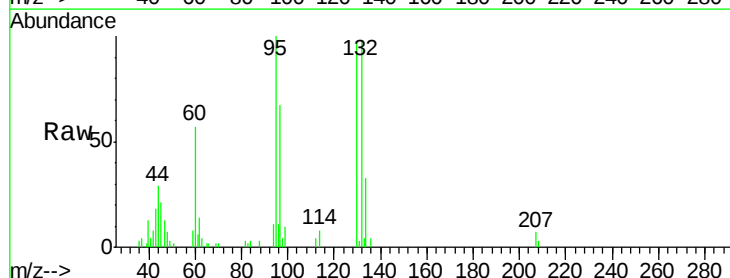
Acq: 29 Jun 2018 10:54

Tgt Ion: 130 Resp: 18653

Ion Ratio Lower Upper

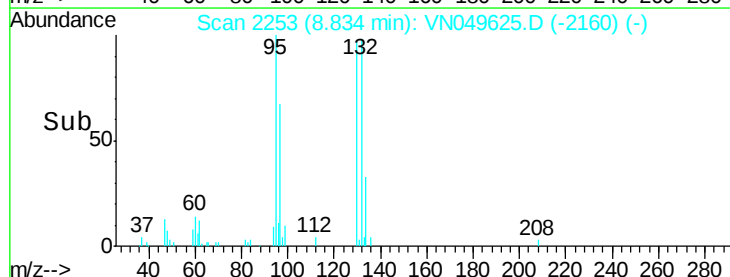
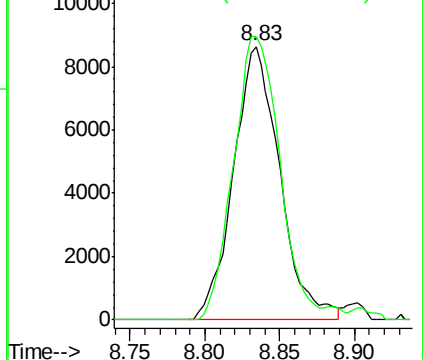
130 100

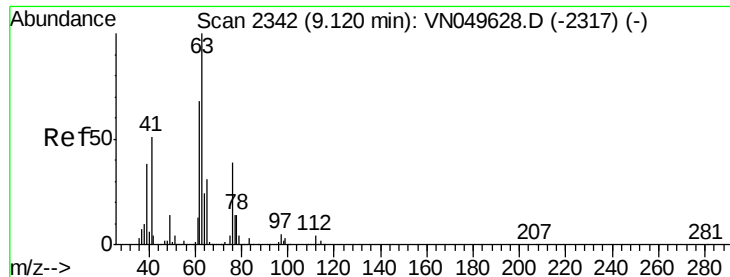
95 103.4 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VN049625.D (-2253) (-)

Ion 94.90 (94.60 to 95.60): VN049625.D (-2253) (-)





#45

1,2-Dichloropropane

Concen: 1.066 ug/l

RT: 9.12 min Scan# 2341

Delta R.T. -0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampleId :

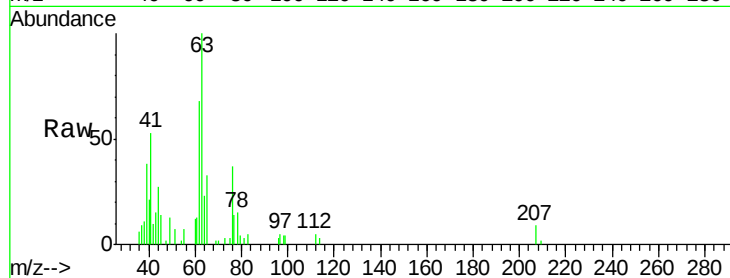
VSTDIC001

Tgt Ion: 63 Resp: 18122

Ion Ratio Lower Upper

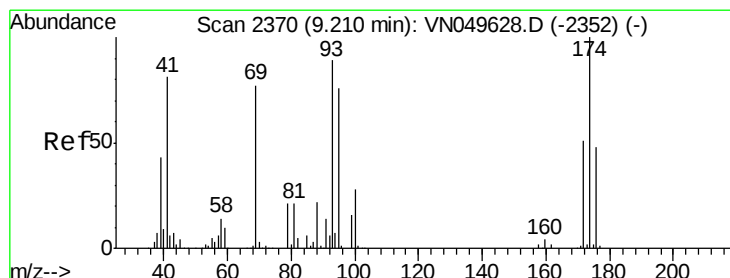
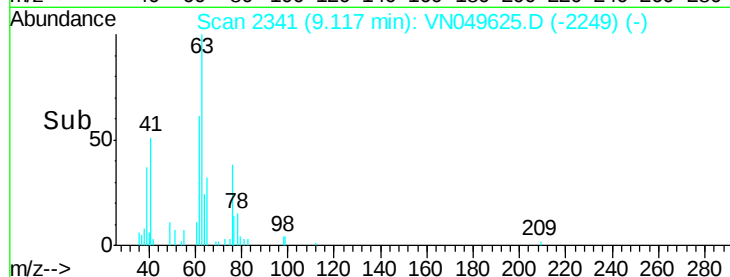
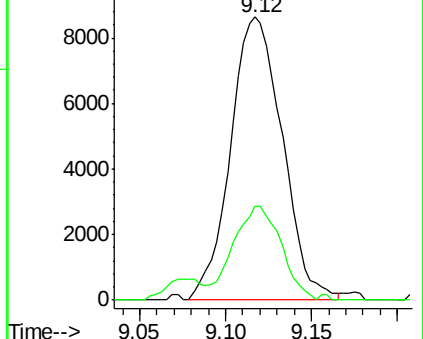
63 100

65 33.2 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 0.992 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

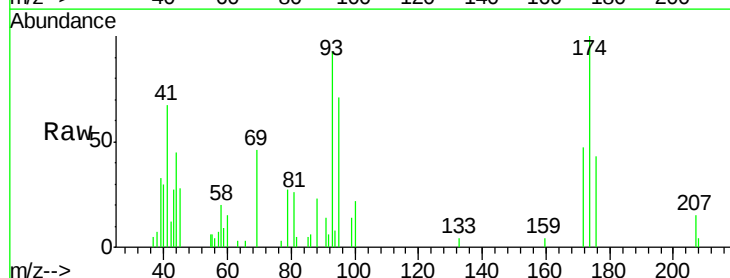
Tgt Ion: 93 Resp: 10203

Ion Ratio Lower Upper

93 100

95 75.8 67.9 101.9

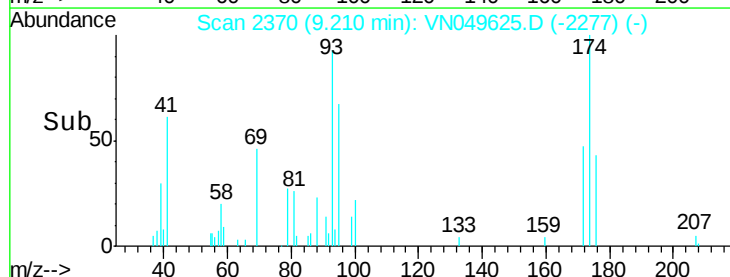
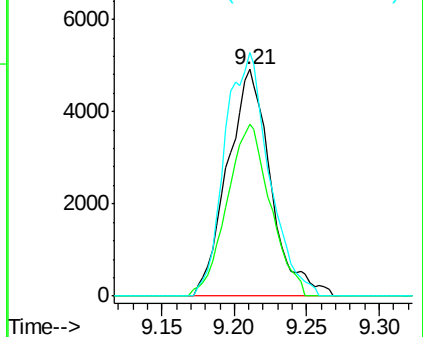
174 109.7 89.4 134.0

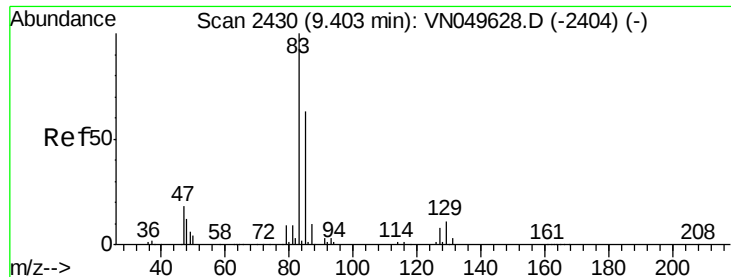


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): VN0





#47

Bromodichloromethane

Concen: 1.024 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

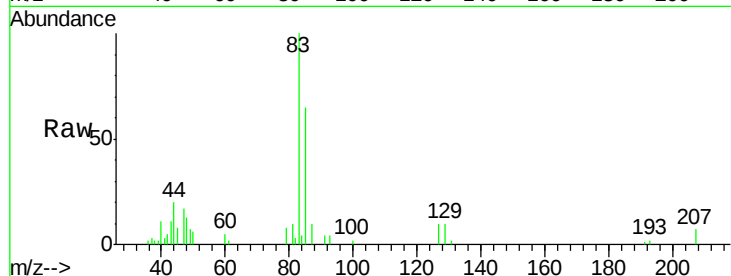
Tgt Ion: 83 Resp: 22408

Ion Ratio Lower Upper

83 100

85 65.2 50.5 75.7

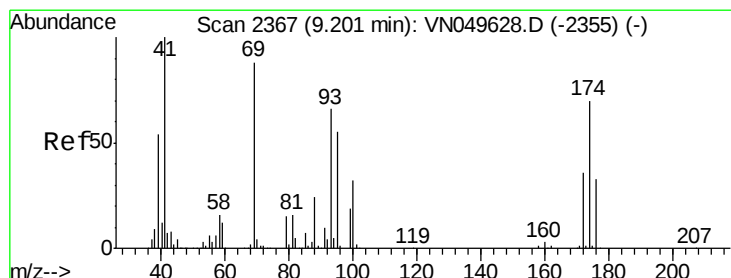
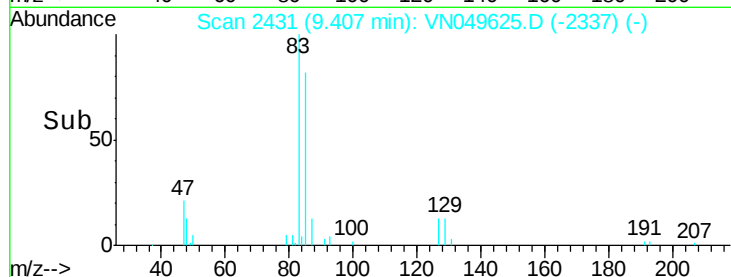
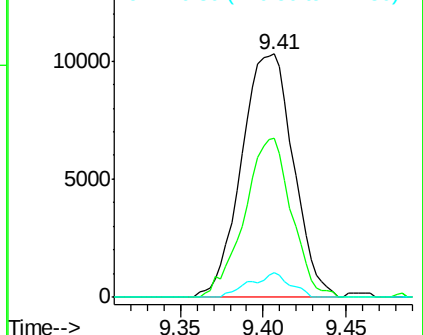
127 10.2 6.8 10.2#



Abundance Ion 82.90 (82.60 to 83.60): VN049625.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049625.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049625.D (-2337) (-)



#48

Methyl methacrylate

Concen: 0.826 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

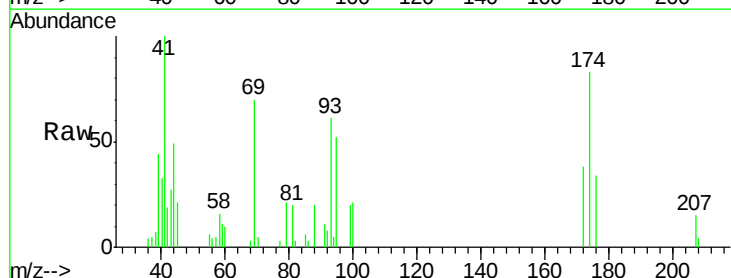
Tgt Ion: 41 Resp: 9228

Ion Ratio Lower Upper

41 100

69 83.4 71.5 107.3

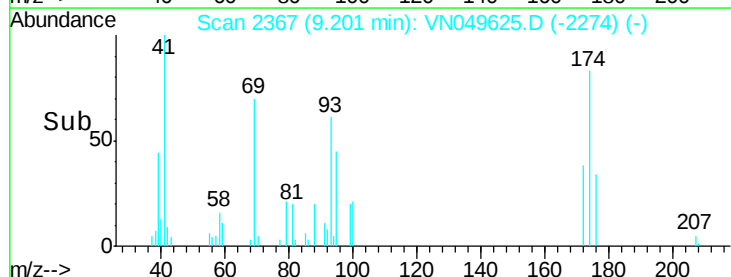
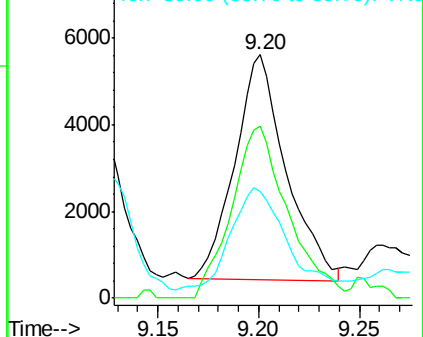
39 60.0 44.7 67.1

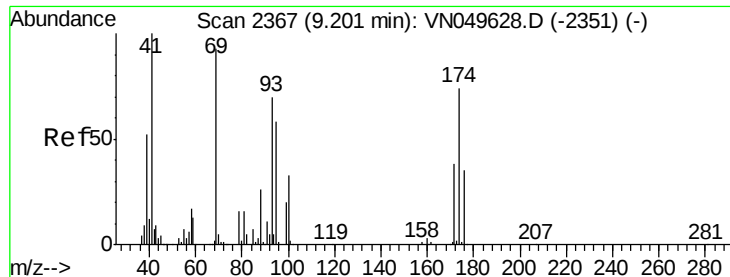


Abundance Ion 41.00 (40.70 to 41.70): VN049625.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049625.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049625.D (-2274) (-)

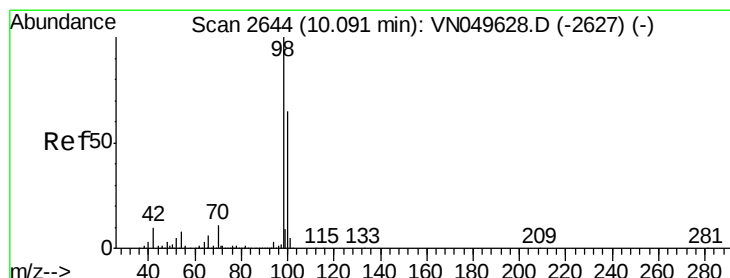
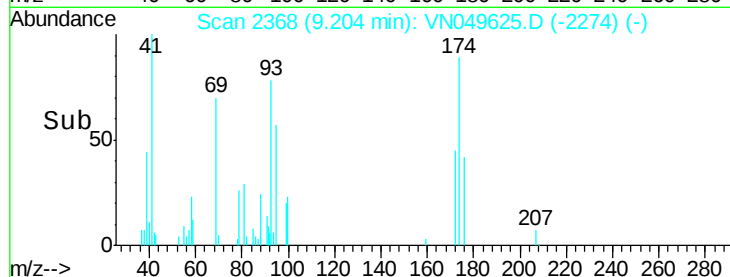
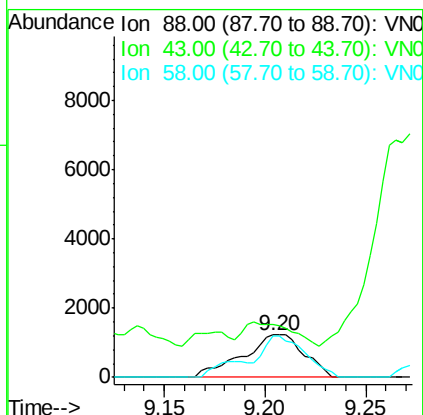
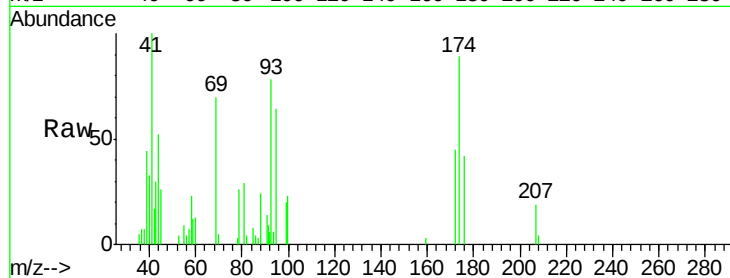




#49
1,4-Dioxane
Concen: 17.384 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049625.D
Acq: 29 Jun 2018 10:54

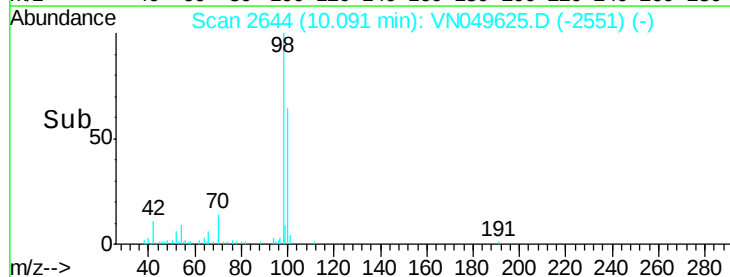
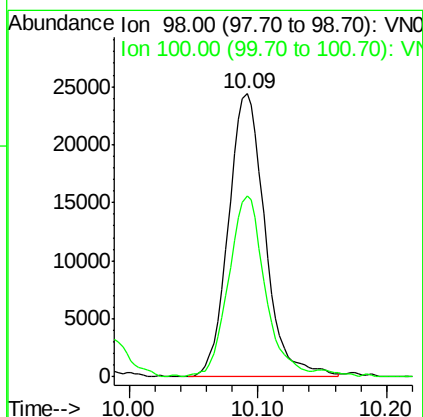
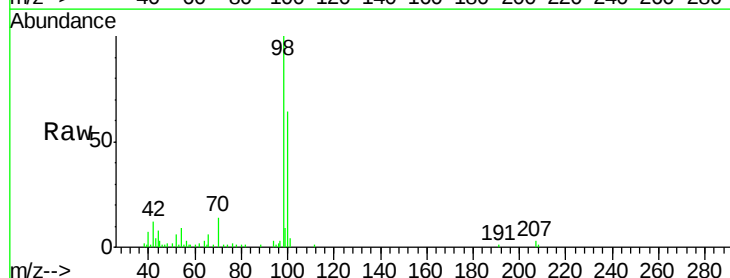
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

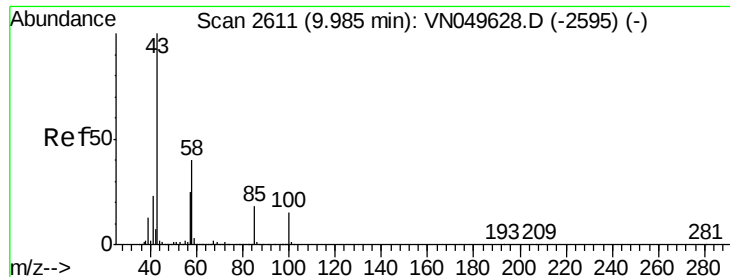
Tgt Ion: 88 Resp: 2610
Ion Ratio Lower Upper
88 100
43 42.3 25.1 37.7#
58 68.0 52.5 78.7



#50
Toluene-d8
Concen: 0.860 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049625.D
Acq: 29 Jun 2018 10:54

Tgt Ion: 98 Resp: 48222
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5

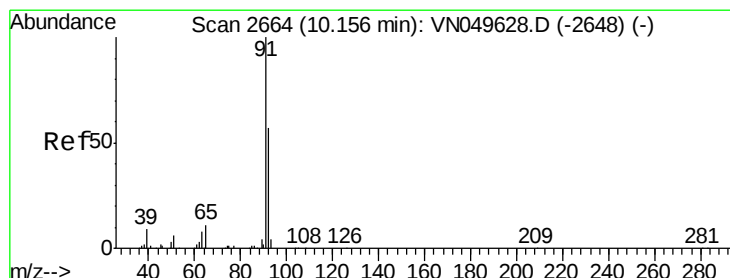
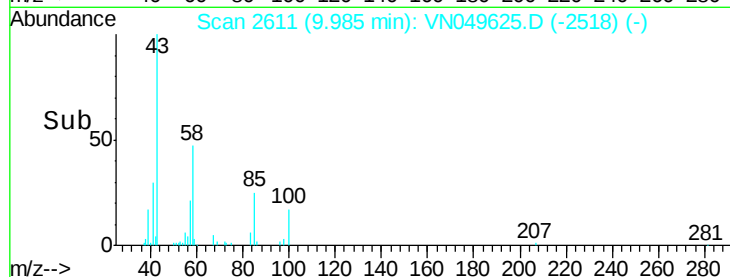
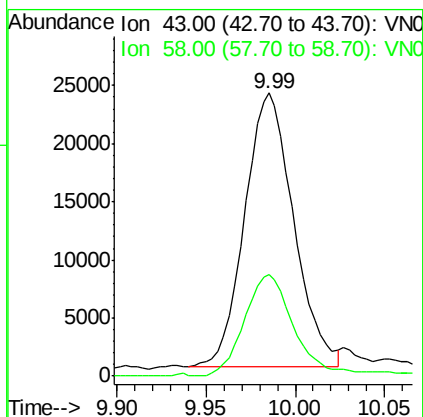
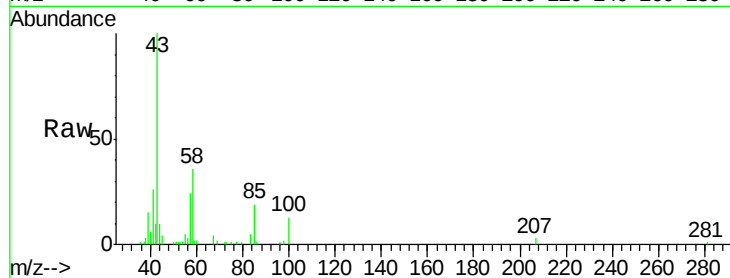




#51
4-Methyl-2-Pentanone
Concen: 3.664 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. 0.00 min
Lab File: VN049625.D
Acq: 29 Jun 2018 10:54

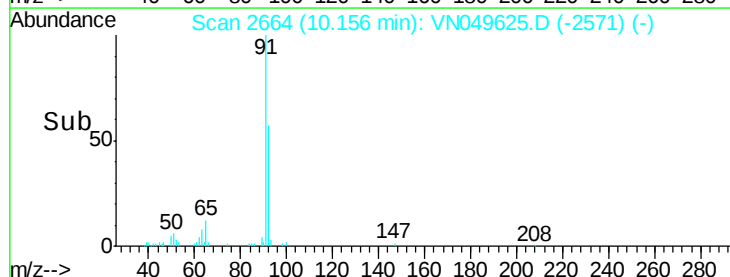
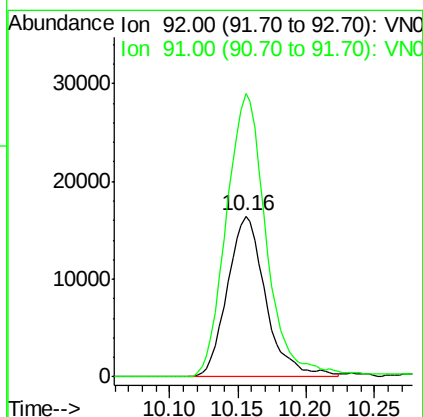
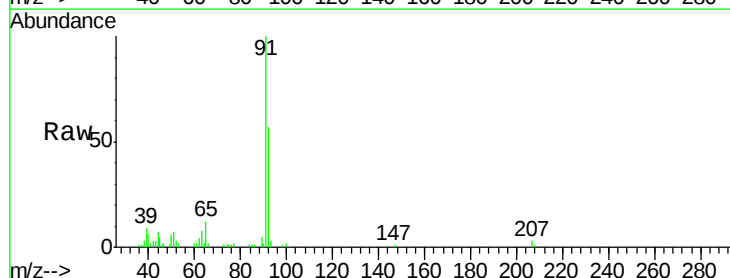
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

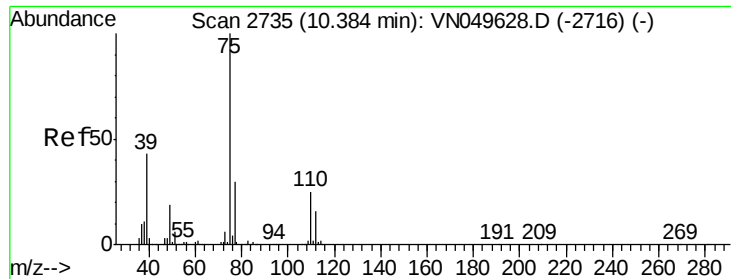
Tgt Ion: 43 Resp: 45140
Ion Ratio Lower Upper
43 100
58 37.6 31.8 47.8



#52
Toluene
Concen: 0.809 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. 0.00 min
Lab File: VN049625.D
Acq: 29 Jun 2018 10:54

Tgt Ion: 92 Resp: 32172
Ion Ratio Lower Upper
92 100
91 182.0 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 0.786 ug/l

RT: 10.38 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampleId :

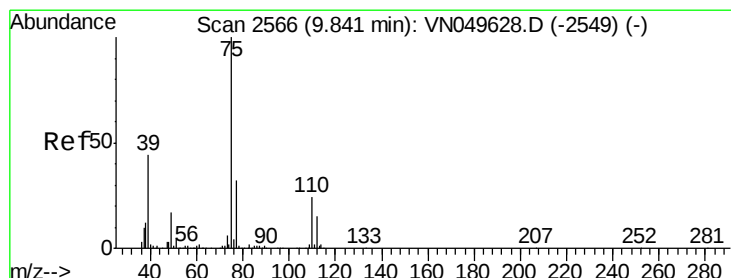
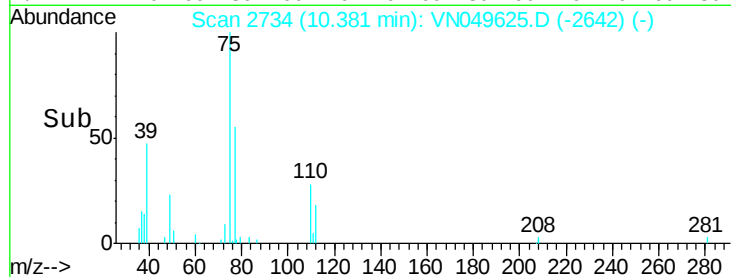
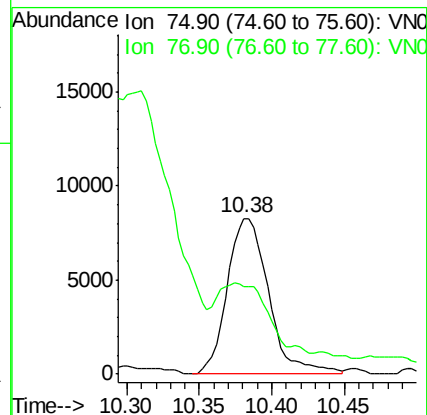
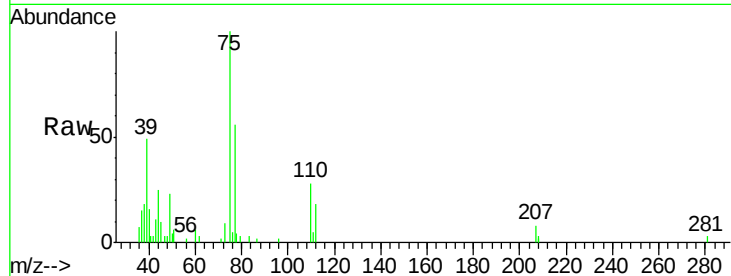
VSTDIC001

Tgt Ion: 75 Resp: 16480

Ion Ratio Lower Upper

75 100

77 44.5 25.2 37.8#



#54

cis-1,3-Dichloropropene

Concen: 0.817 ug/l

RT: 9.84 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

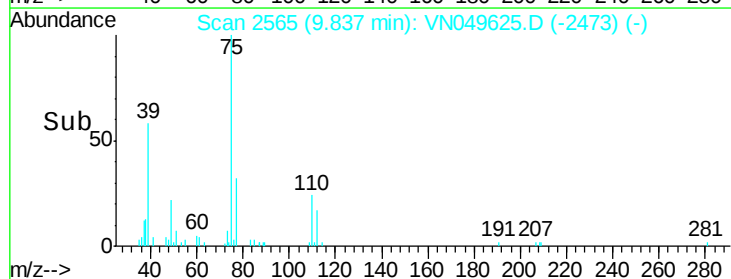
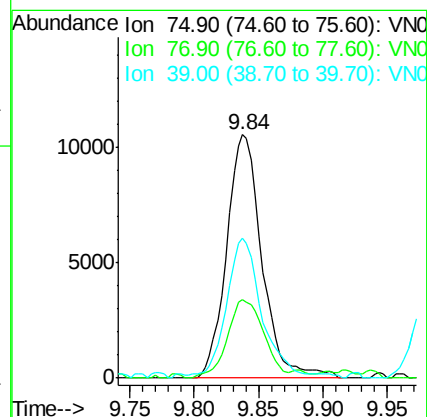
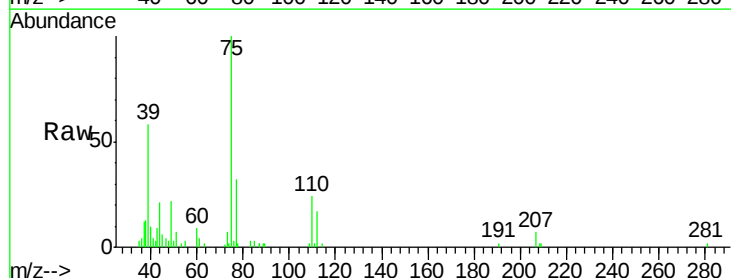
Tgt Ion: 75 Resp: 20010

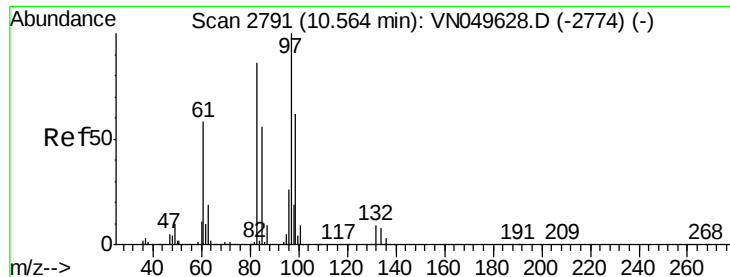
Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

39 57.7 35.5 53.3#

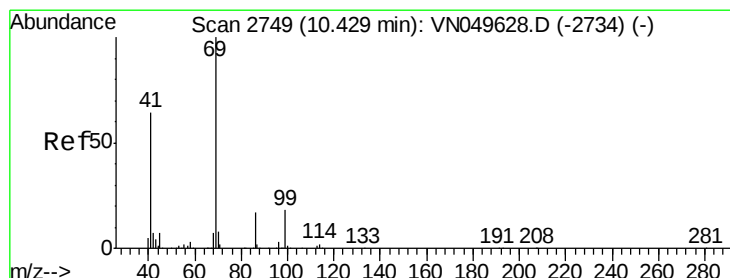
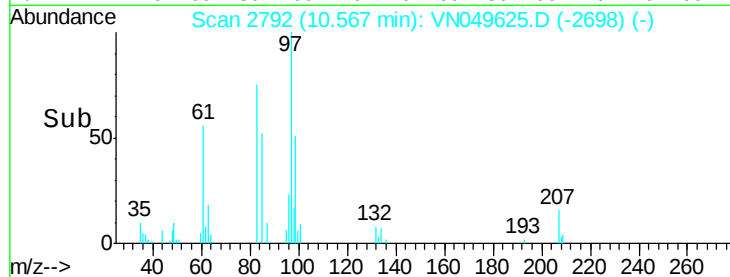
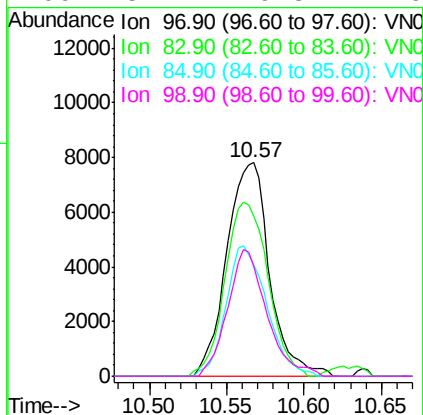
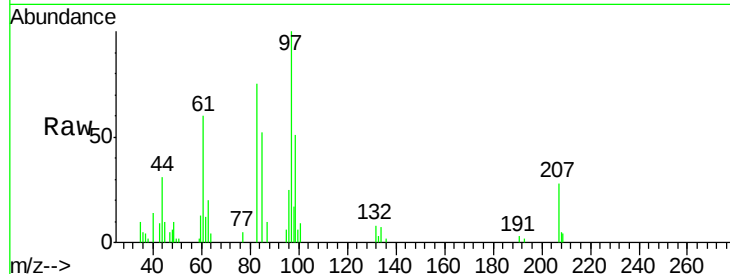




#55
 1,1,2-Trichloroethane
 Concen: 1.016 ug/l
 RT: 10.57 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: VN049625.D
 Acq: 29 Jun 2018 10:54

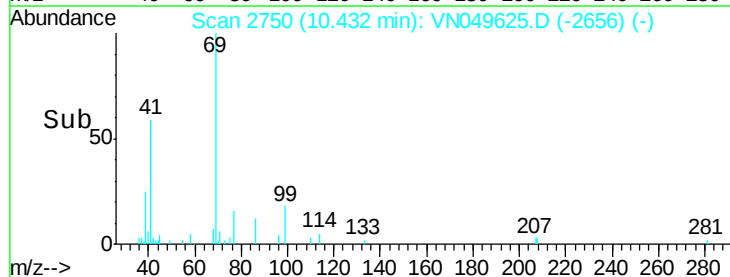
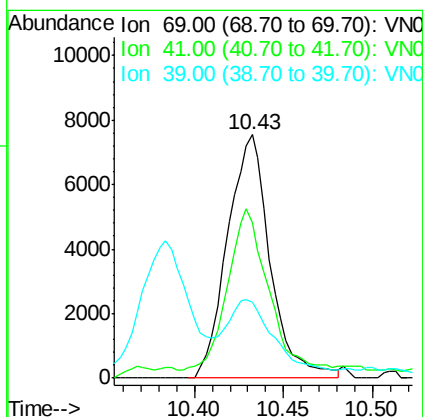
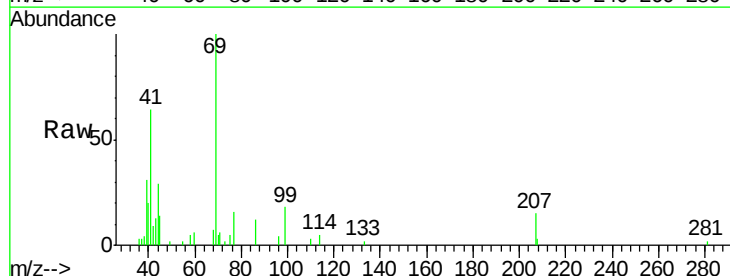
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

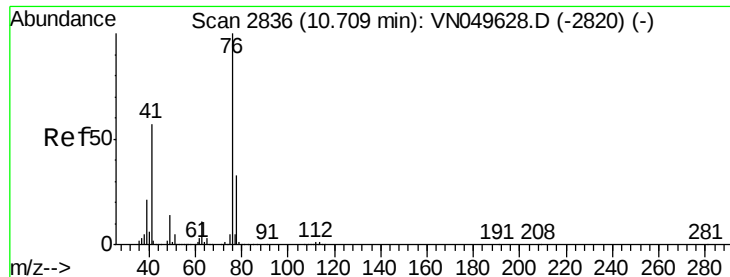
Tgt Ion:	97	Resp:	15032
Ion	Ratio	Lower	Upper
97	100		
83	75.0	69.0	103.6
85	52.0	44.9	67.3
99	51.4	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 0.721 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049625.D
 Acq: 29 Jun 2018 10:54

Tgt Ion:	69	Resp:	12512
Ion	Ratio	Lower	Upper
69	100		
41	64.5	51.6	77.4
39	30.9	25.8	38.8





#57

1,3-Dichloropropane

Concen: 0.966 ug/l

RT: 10.71 min Scan# 2835

Delta R.T. -0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampleId :

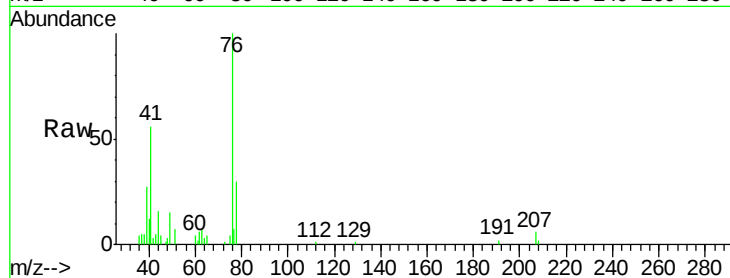
VSTDIC001

Tgt Ion: 76 Resp: 23173

Ion Ratio Lower Upper

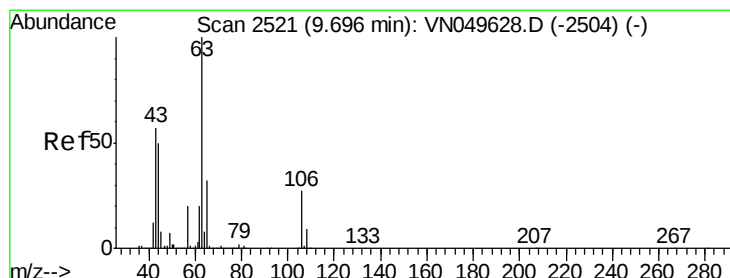
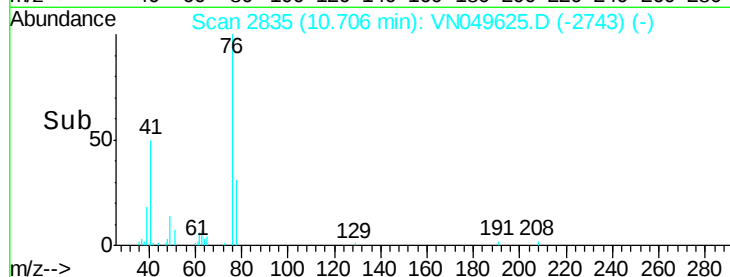
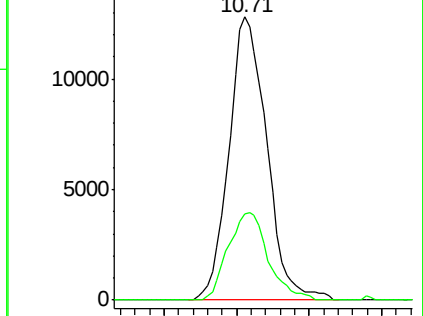
76 100

78 32.8 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN049628.D (-2820) (-)

Ion 77.90 (77.60 to 78.60): VN049628.D (-2820) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 2.617 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049625.D

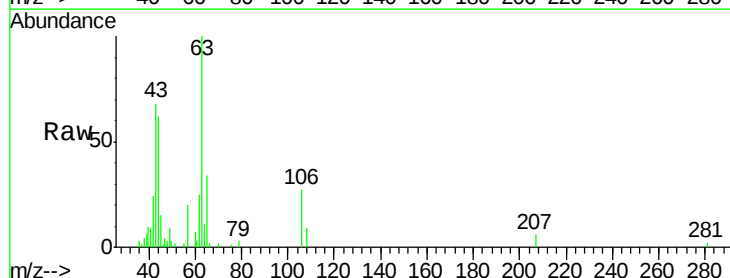
Acq: 29 Jun 2018 10:54

Tgt Ion: 63 Resp: 21133

Ion Ratio Lower Upper

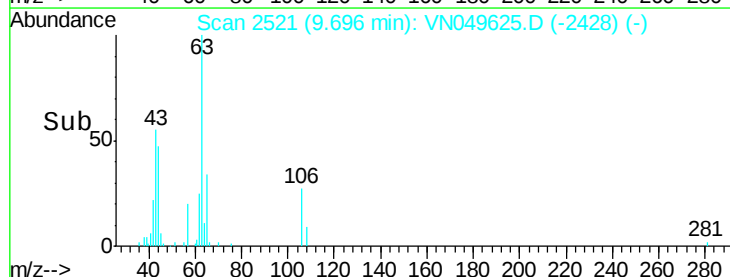
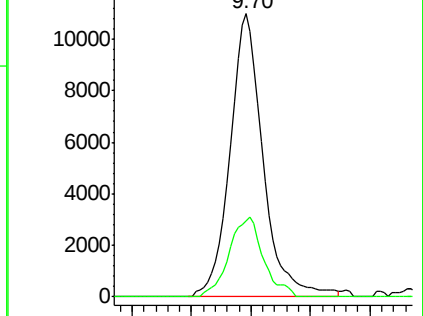
63 100

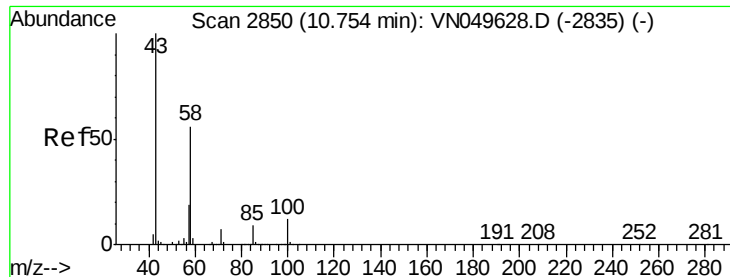
106 29.0 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VN049628.D (-2504) (-)

Ion 105.90 (105.60 to 106.60): VN049628.D (-2504) (-)





#59

2-Hexanone

Concen: 3.650 ug/l

RT: 10.75 min Scan# 2850

Delta R.T. 0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampleId :

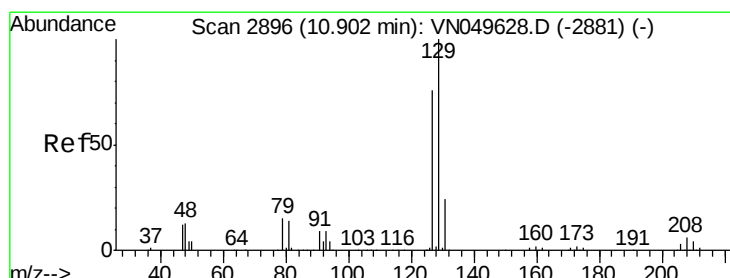
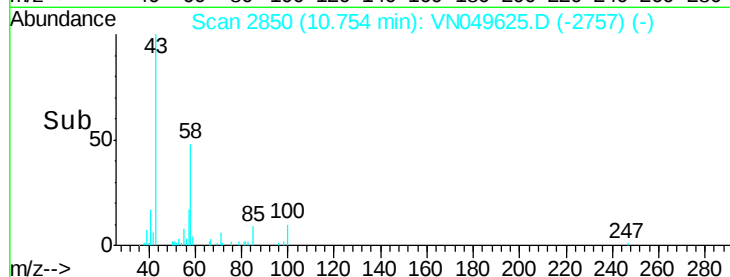
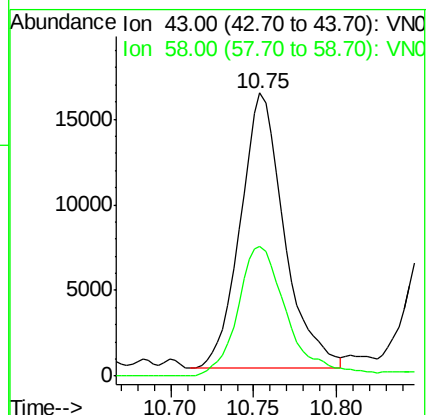
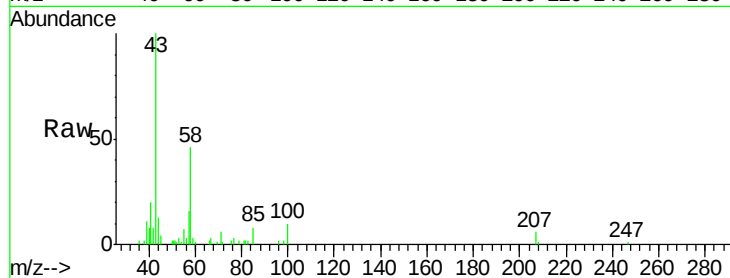
VSTDIC001

Tgt Ion: 43 Resp: 29736

Ion Ratio Lower Upper

43 100

58 52.8 27.8 83.4



#60

Dibromochloromethane

Concen: 0.902 ug/l

RT: 10.90 min Scan# 2896

Delta R.T. 0.00 min

Lab File: VN049625.D

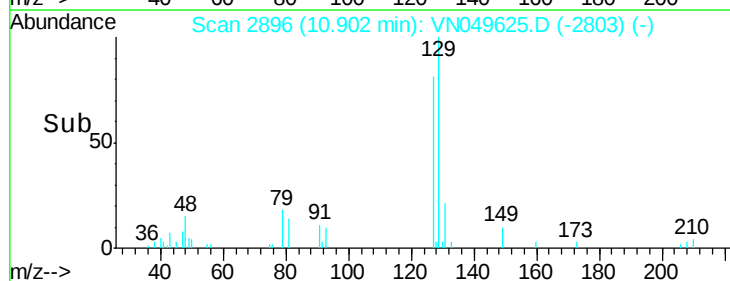
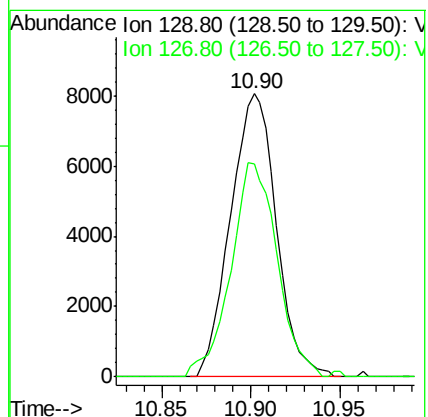
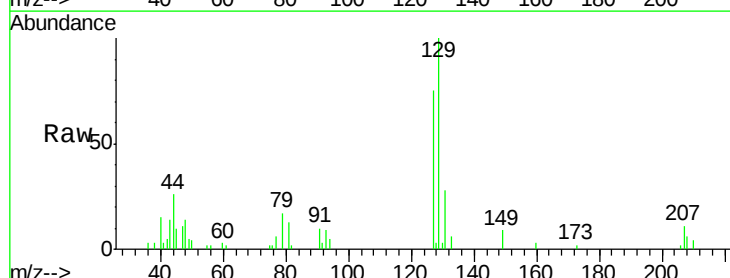
Acq: 29 Jun 2018 10:54

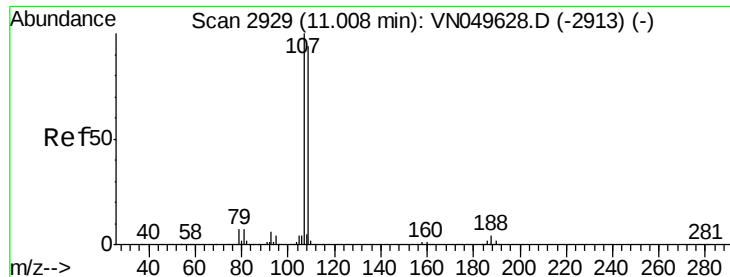
Tgt Ion: 129 Resp: 14425

Ion Ratio Lower Upper

129 100

127 76.7 38.3 114.9

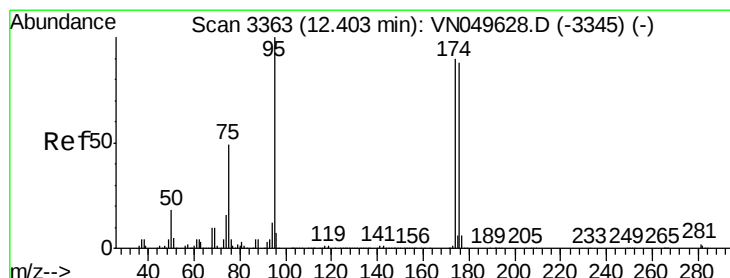
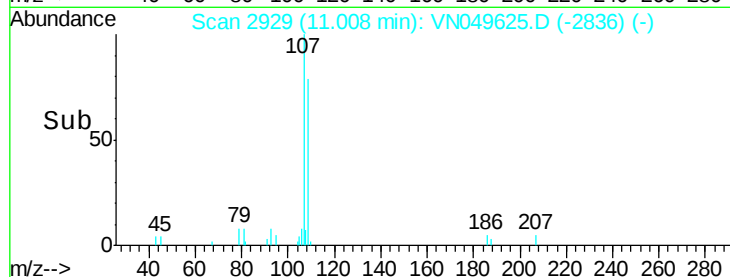
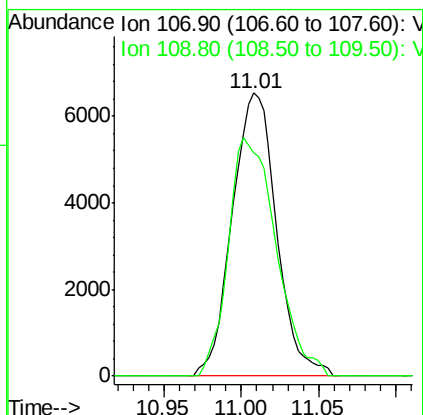
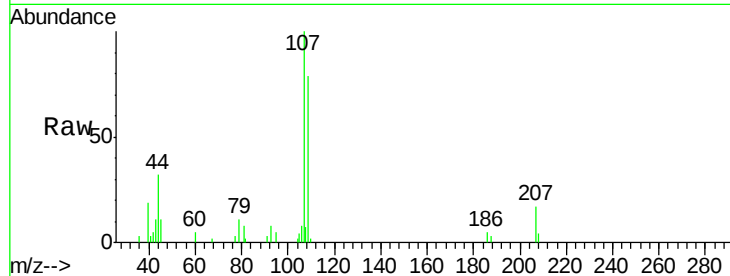




#61
 1,2-Dibromoethane
 Concen: 0.918 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049625.D
 Acq: 29 Jun 2018 10:54

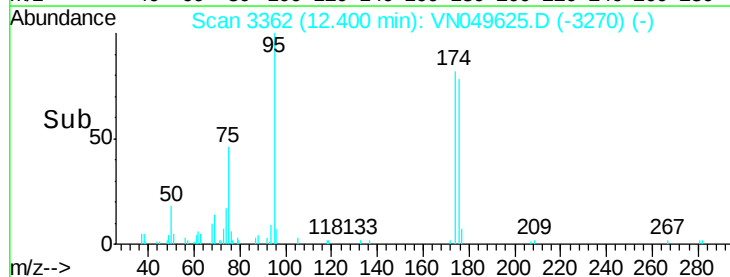
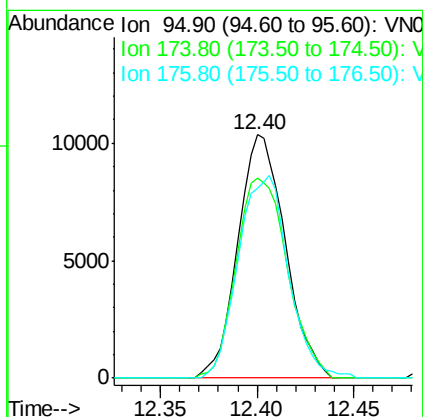
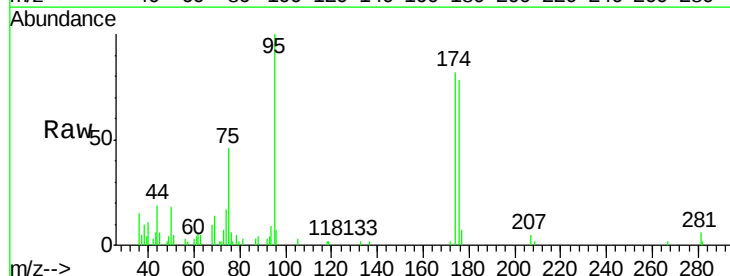
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

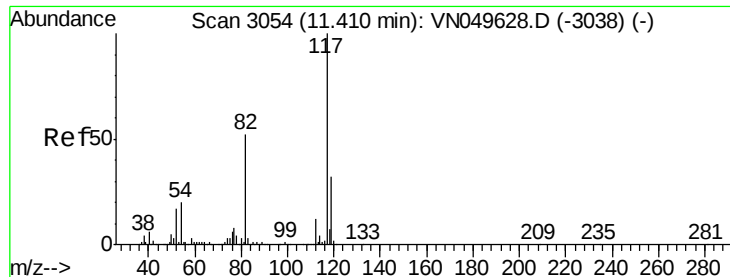
Tgt Ion: 107 Resp: 13014
 Ion Ratio Lower Upper
 107 100
 109 90.4 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 0.923 ug/l
 RT: 12.40 min Scan# 3362
 Delta R.T. -0.00 min
 Lab File: VN049625.D
 Acq: 29 Jun 2018 10:54

Tgt Ion: 95 Resp: 17654
 Ion Ratio Lower Upper
 95 100
 174 88.9 0.0 179.6
 176 88.2 0.0 174.0

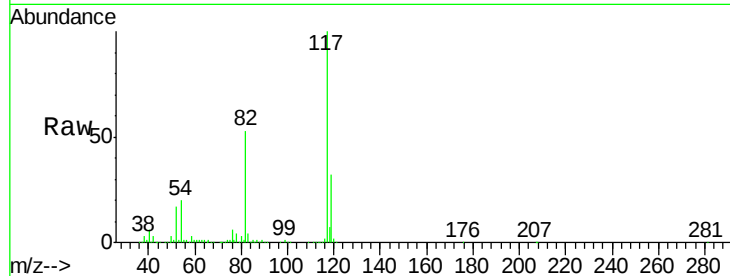




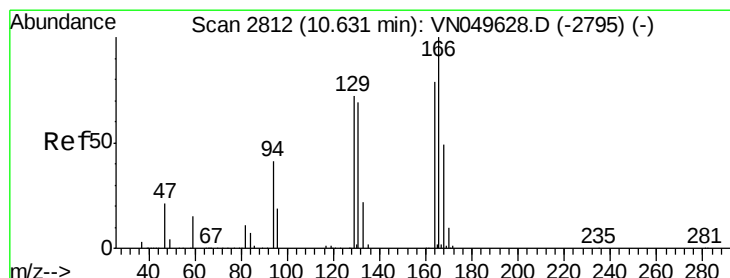
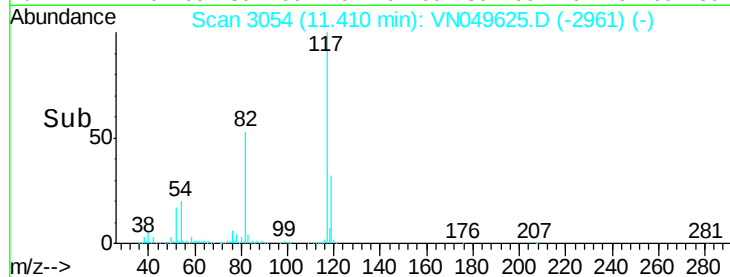
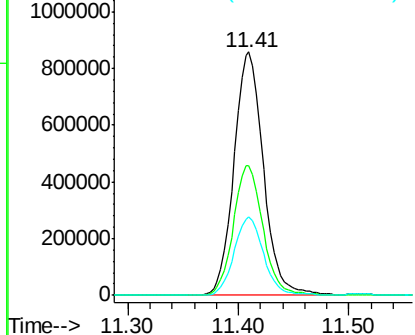
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049625.D
Acq: 29 Jun 2018 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 1592292
Ion Ratio Lower Upper
117 100
82 53.5 41.9 62.9
119 32.3 25.4 38.2

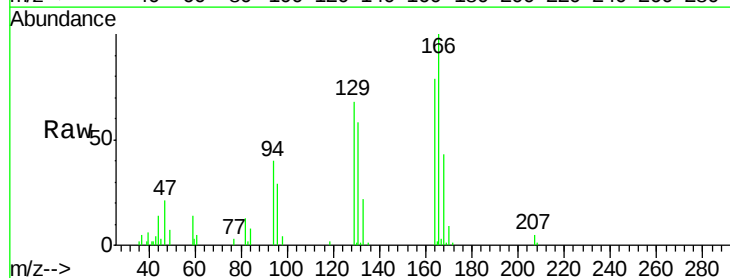


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

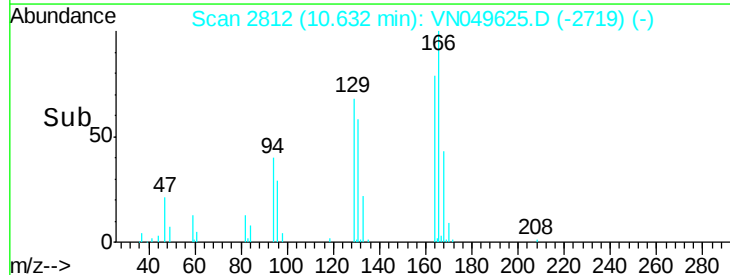
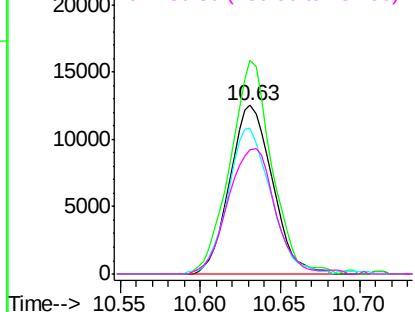


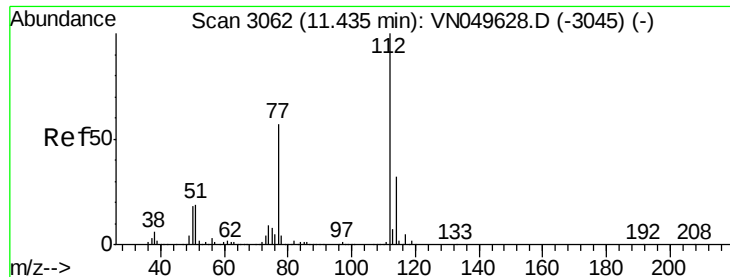
#64
Tetrachloroethene
Concen: 1.056 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN049625.D
Acq: 29 Jun 2018 10:54

Tgt Ion:164 Resp: 22767
Ion Ratio Lower Upper
164 100
166 126.5 101.8 152.6
129 84.8 72.8 109.2
131 73.3 70.0 105.0



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





#65

Chlorobenzene

Concen: 1.016 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampled :

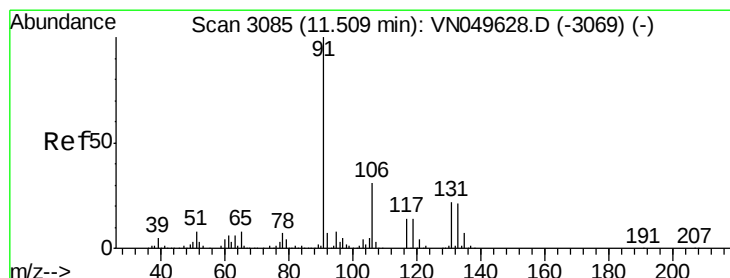
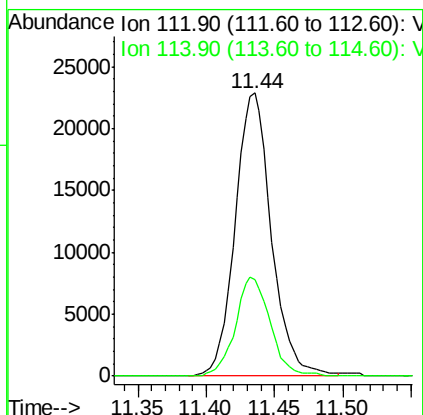
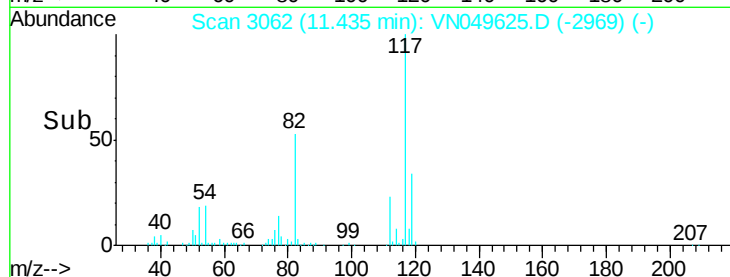
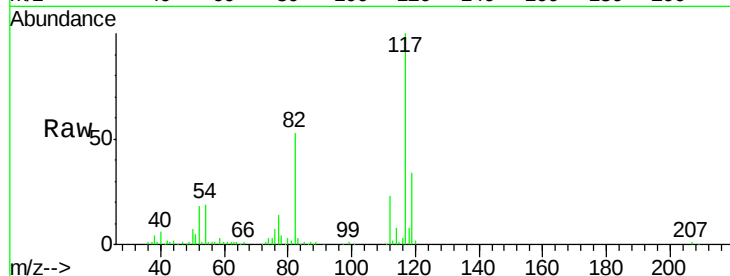
VSTDIC001

Tgt Ion:112 Resp: 42192

Ion Ratio Lower Upper

112 100

114 33.9 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 1.016 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

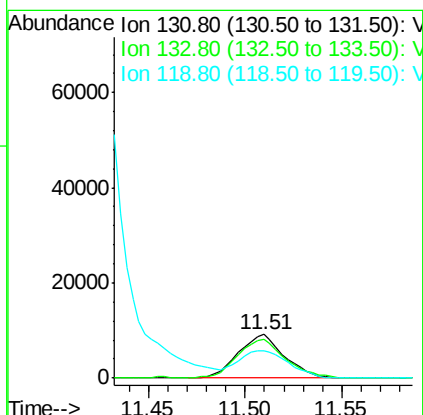
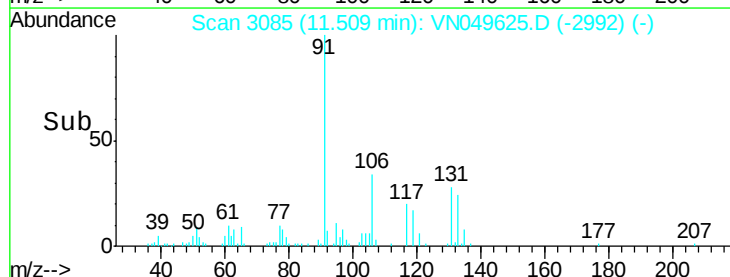
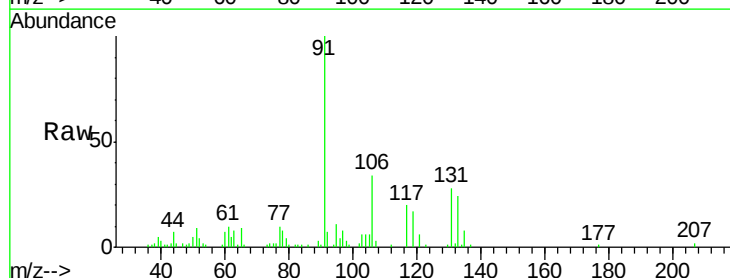
Tgt Ion:131 Resp: 15169

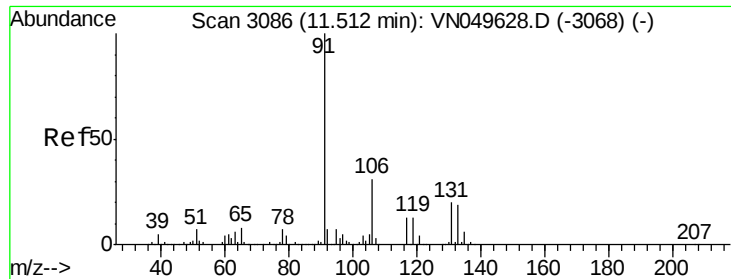
Ion Ratio Lower Upper

131 100

133 93.9 47.5 142.6

119 0.0 33.1 99.3#

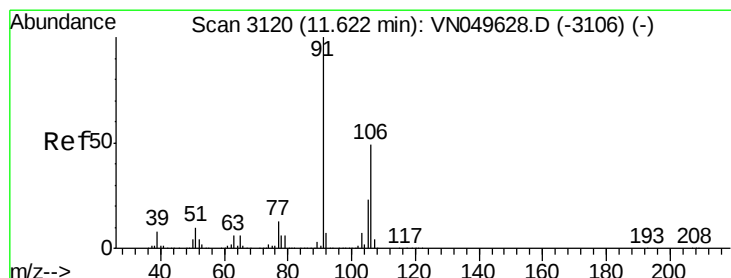
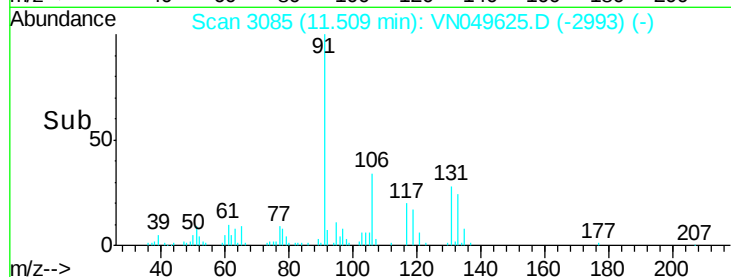
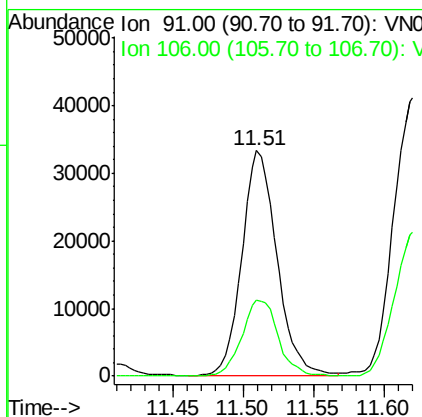
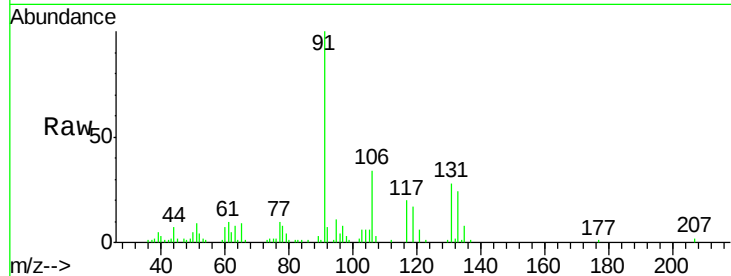




#67
Ethyl Benzene
Concen: 0.852 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN049625.D
Acq: 29 Jun 2018 10:54

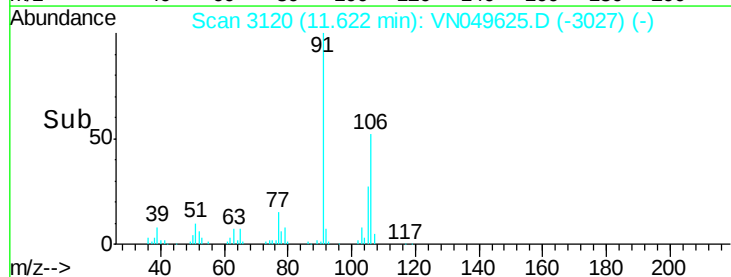
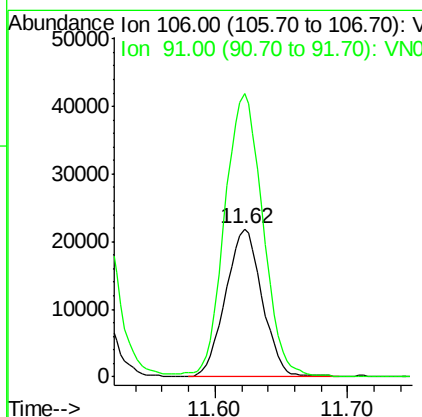
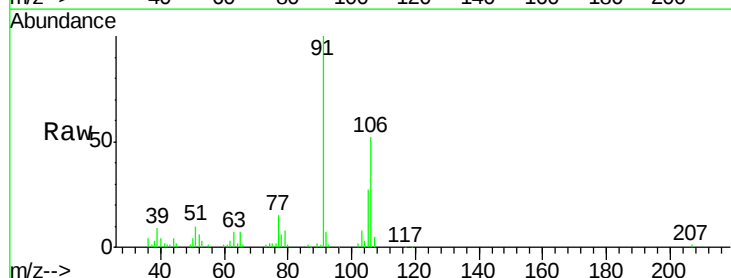
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

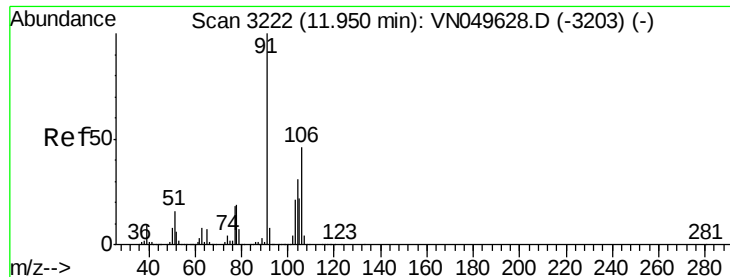
Tgt Ion: 91 Resp: 58490
Ion Ratio Lower Upper
91 100
106 33.8 24.8 37.2



#68
m/p-Xylenes
Concen: 1.592 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049625.D
Acq: 29 Jun 2018 10:54

Tgt Ion: 106 Resp: 41901
Ion Ratio Lower Upper
106 100
91 200.3 163.4 245.2

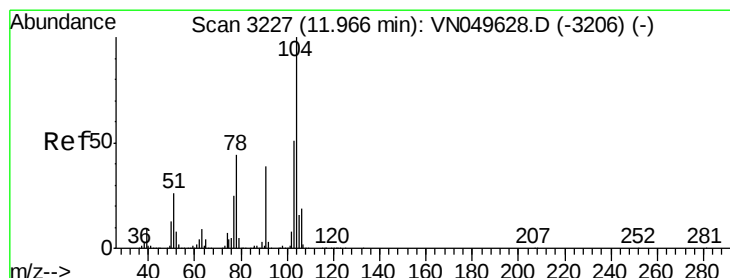
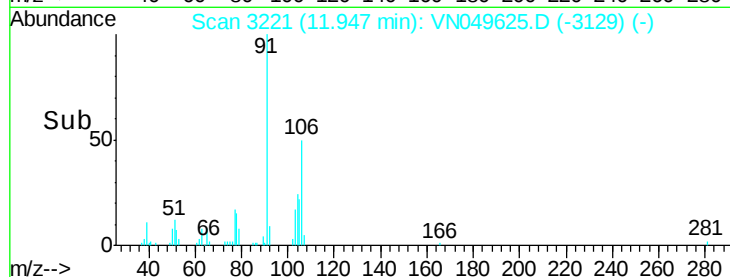
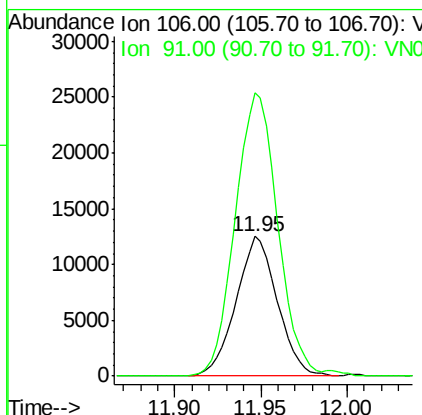
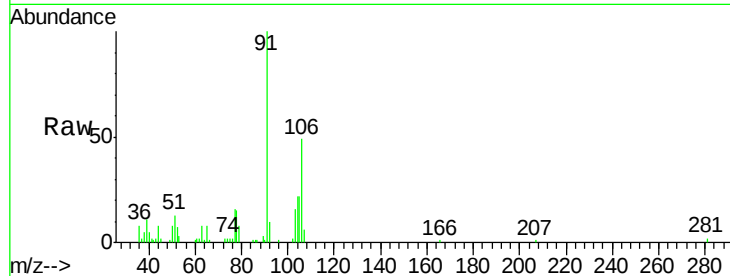




#69
o-Xylene
Concen: 0.828 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN049625.D
Acq: 29 Jun 2018 10:54

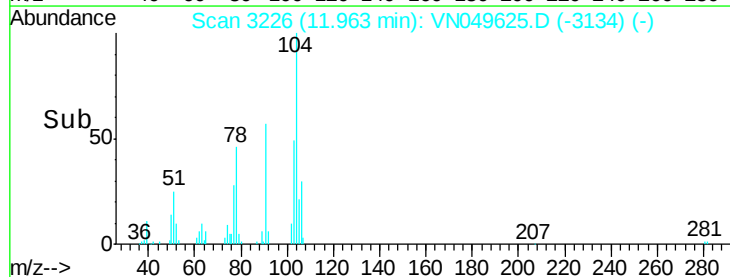
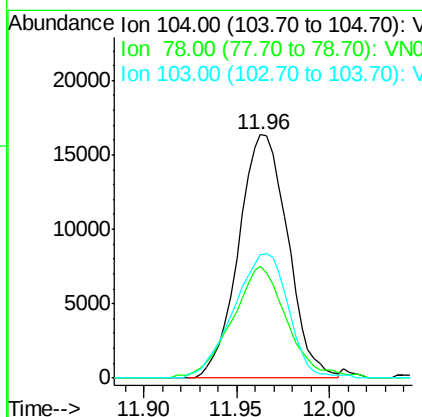
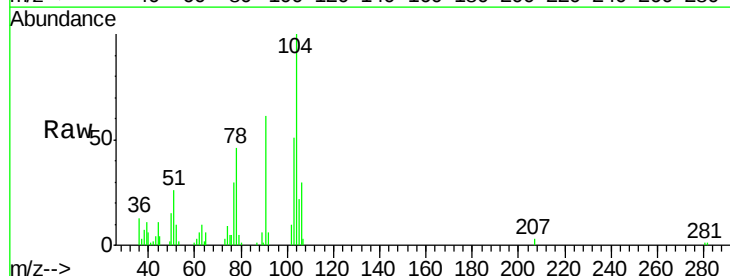
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

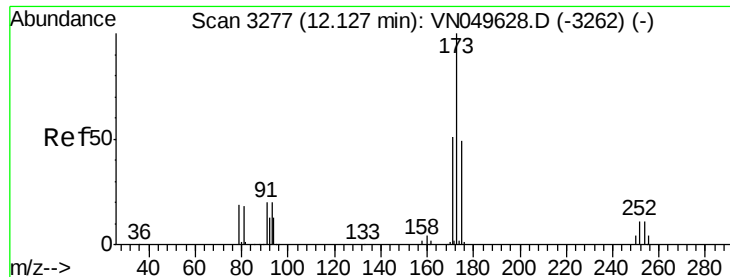
Tgt Ion:106 Resp: 20860
Ion Ratio Lower Upper
106 100
91 209.6 108.7 326.1



#70
Styrene
Concen: 0.742 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN049625.D
Acq: 29 Jun 2018 10:54

Tgt Ion:104 Resp: 30240
Ion Ratio Lower Upper
104 100
78 51.1 39.2 58.8
103 56.8 44.6 67.0

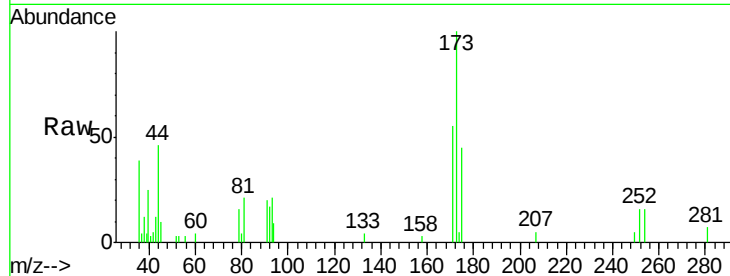




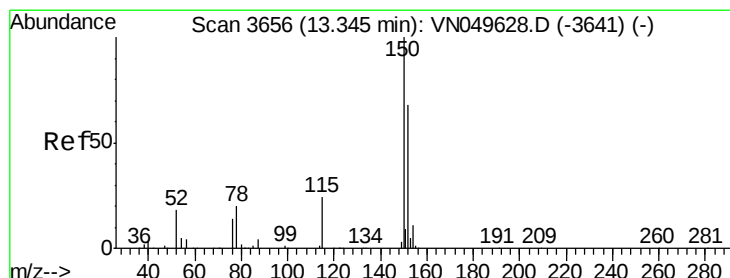
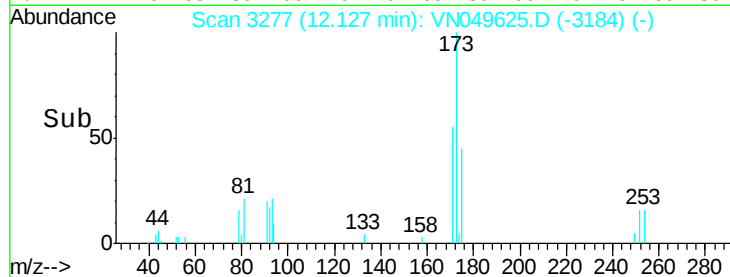
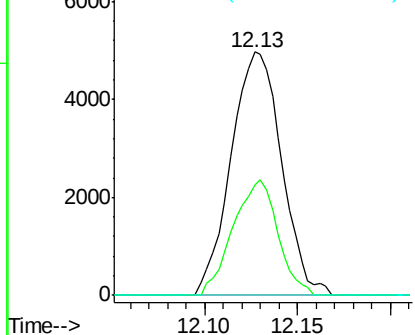
#71
Bromoform
Concen: 0.949 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN049625.D
Acq: 29 Jun 2018 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:173 Resp: 9416
Ion Ratio Lower Upper
173 100
175 42.2 24.6 73.8
254 0.0 0.2 0.2#

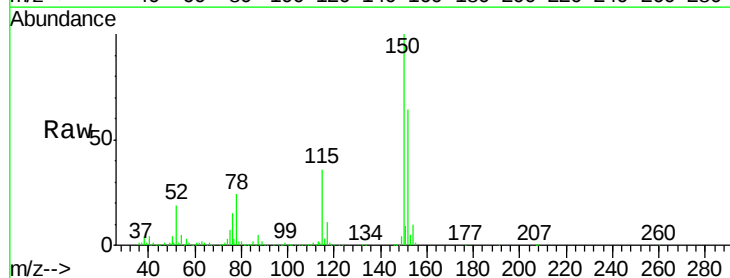


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

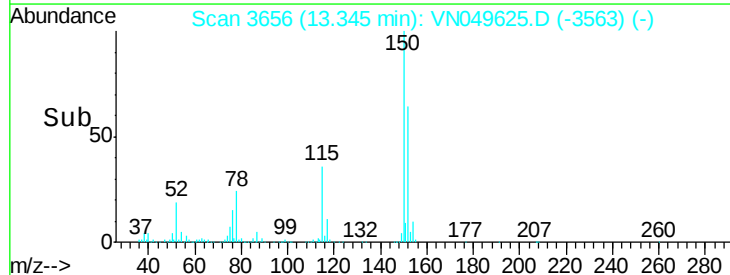
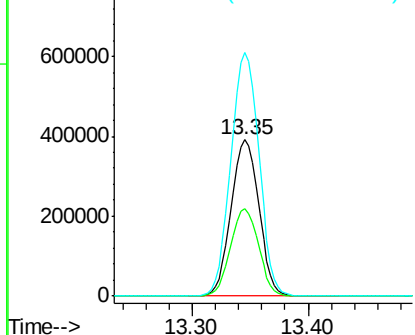


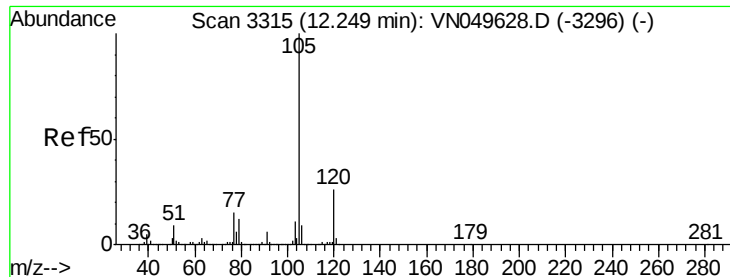
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049625.D
Acq: 29 Jun 2018 10:54

Tgt Ion:152 Resp: 646987
Ion Ratio Lower Upper
152 100
115 56.5 28.1 84.2
150 157.7 0.0 347.6



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





#73

Isopropylbenzene

Concen: 0.916 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampleId :

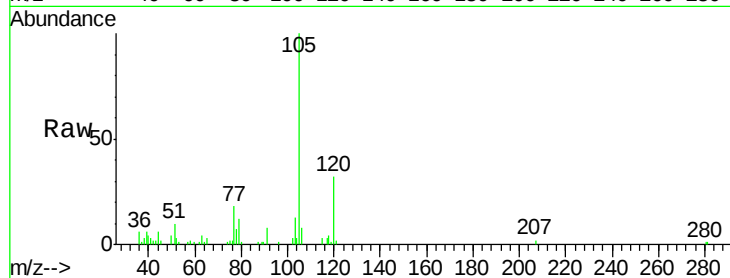
VSTDIC001

Tgt Ion: 105 Resp: 47205

Ion Ratio Lower Upper

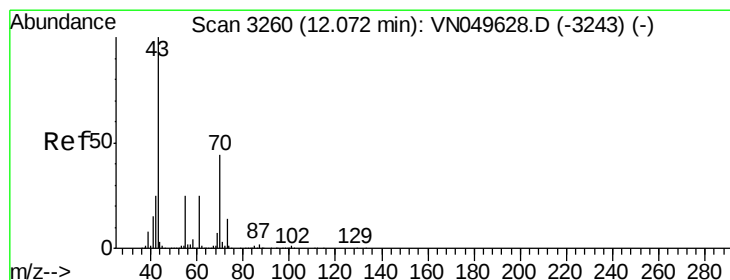
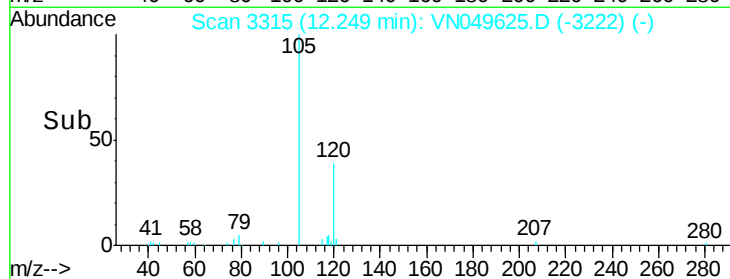
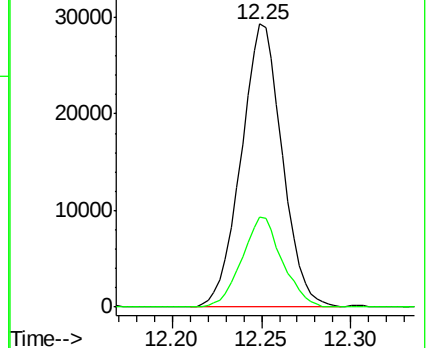
105 100

120 31.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.809 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Tgt Ion: 43 Resp: 11393

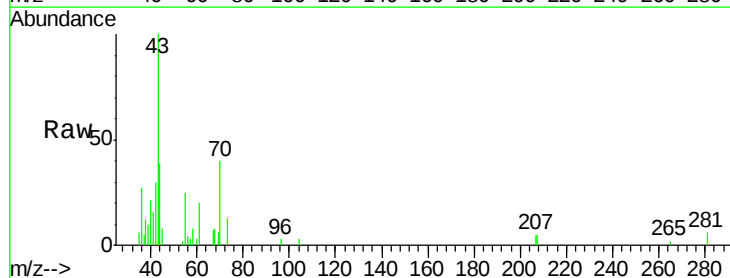
Ion Ratio Lower Upper

43 100

70 42.8 34.8 52.2

55 30.1 20.9 31.3

61 23.0 19.9 29.9

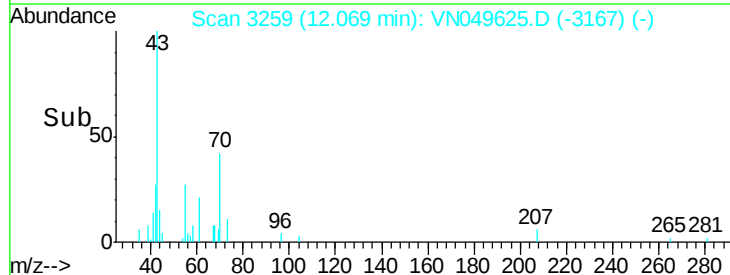
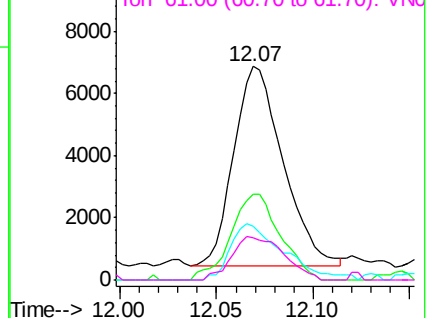


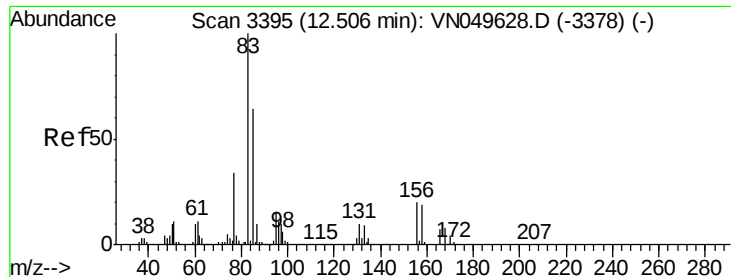
Abundance Ion 43.00 (42.70 to 43.70): V

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: 1.203 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

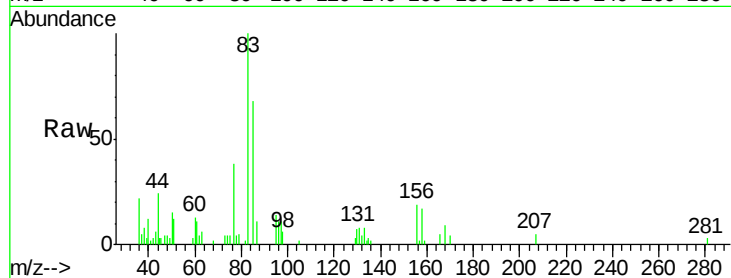
Tgt Ion: 83 Resp: 14638

Ion Ratio Lower Upper

83 100

131 6.1 5.2 15.6

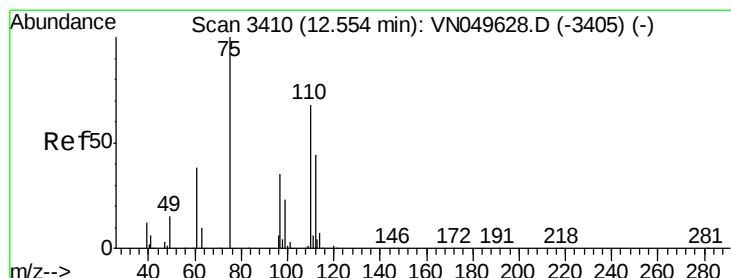
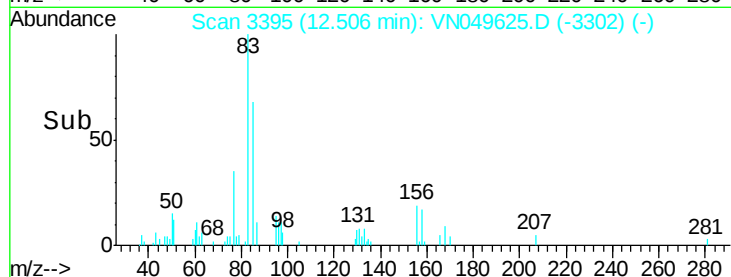
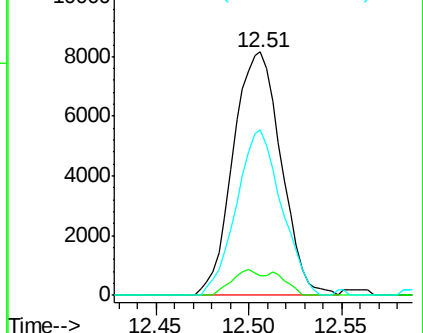
85 63.9 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN049625.D (-3378) (-)

Ion 130.80 (130.50 to 131.50): VN049625.D (-3378) (-)

Ion 84.90 (84.60 to 85.60): VN049625.D (-3378) (-)



#76

1,2,3-Trichloropropane

Concen: 1.534 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN049625.D

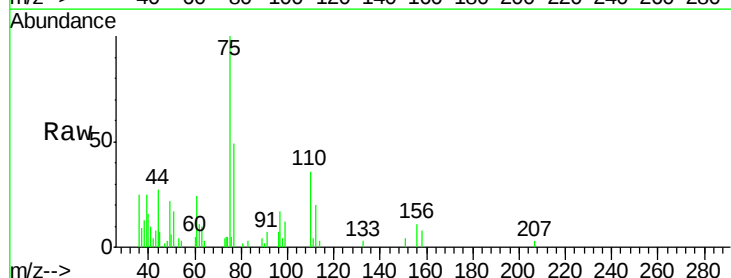
Acq: 29 Jun 2018 10:54

Tgt Ion: 75 Resp: 17235

Ion Ratio Lower Upper

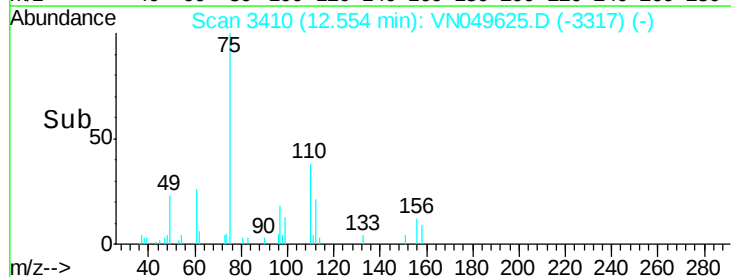
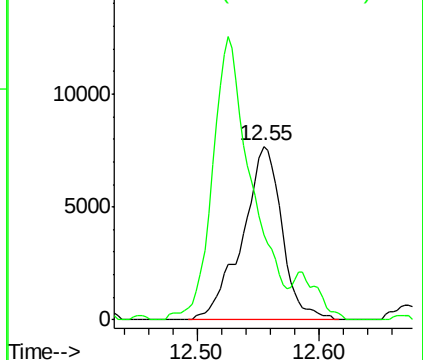
75 100

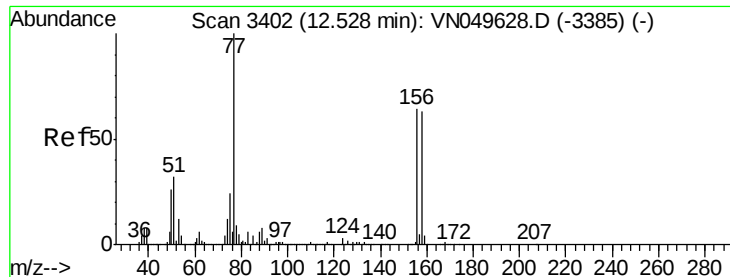
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049625.D (-3410) (-)

Ion 77.00 (76.70 to 77.70): VN049625.D (-3410) (-)





#77

Bromobenzene

Concen: 1.072 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

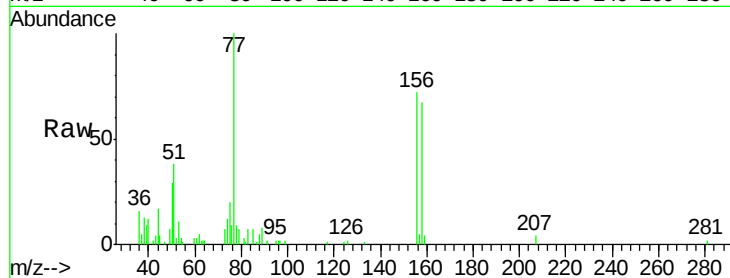
Tgt Ion:156 Resp: 15024

Ion Ratio Lower Upper

156 100

77 185.8 90.2 270.6

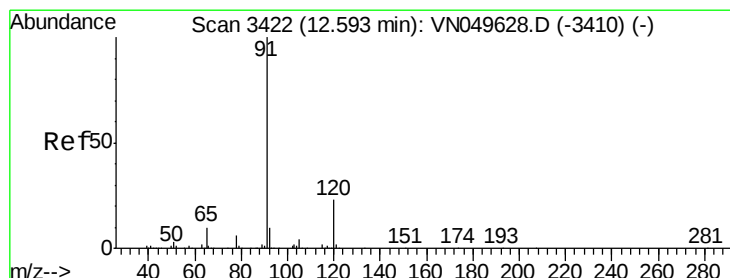
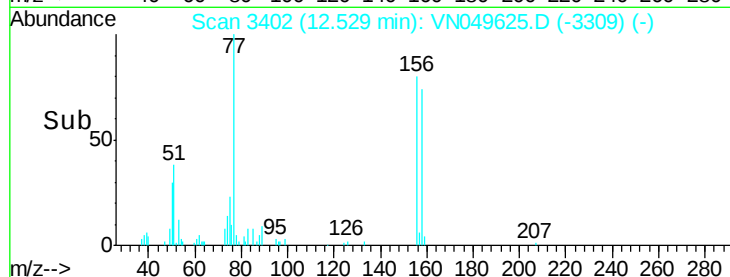
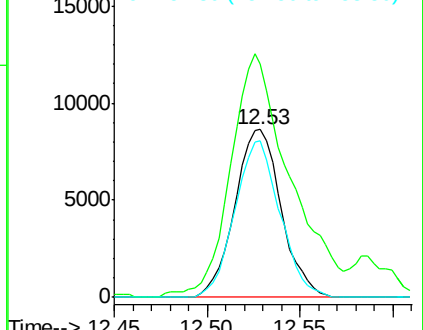
158 91.0 49.1 147.3



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: 0.873 ug/l

RT: 12.59 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN049625.D

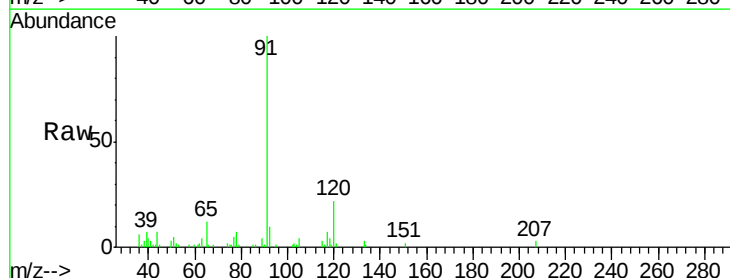
Acq: 29 Jun 2018 10:54

Tgt Ion: 91 Resp: 51552

Ion Ratio Lower Upper

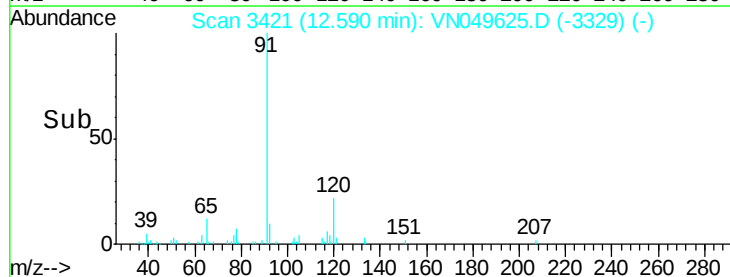
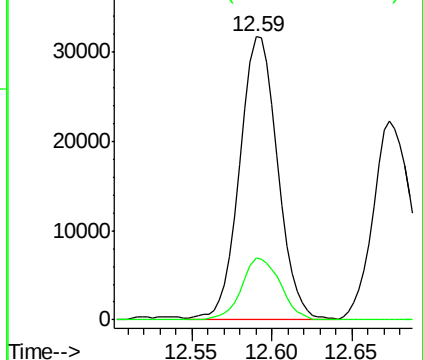
91 100

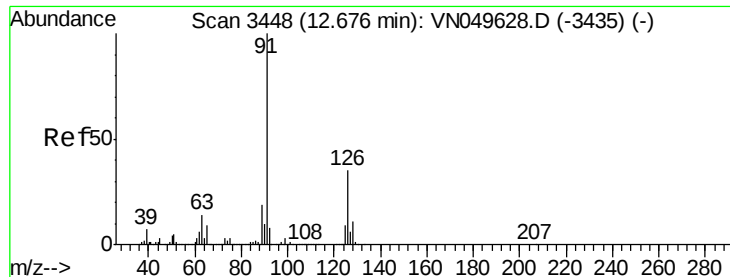
120 22.1 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.002 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. -0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampleId :

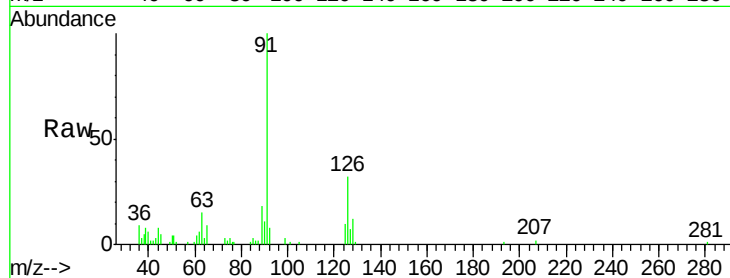
VSTDIC001

Tgt Ion: 91 Resp: 37473

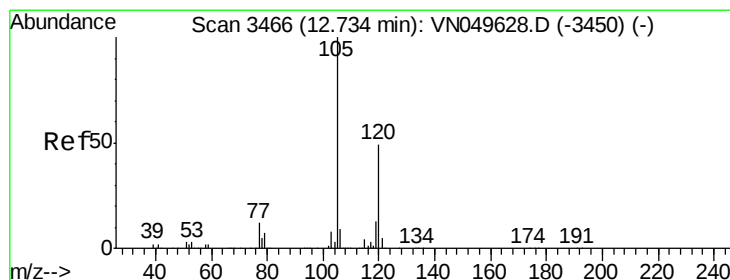
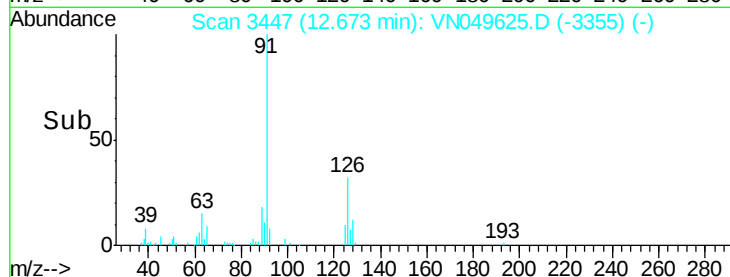
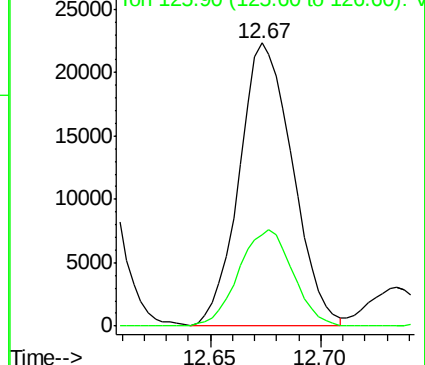
Ion Ratio Lower Upper

91 100

126 34.3 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN049628.D (-3435) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.836 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049625.D

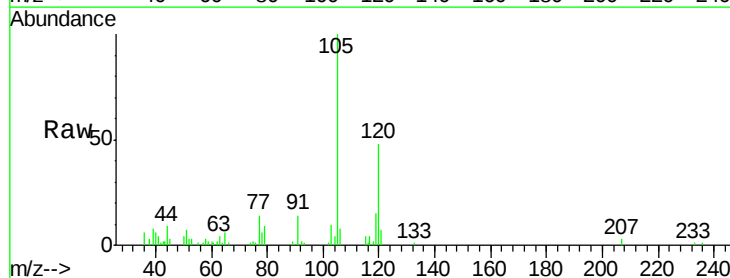
Acq: 29 Jun 2018 10:54

Tgt Ion: 105 Resp: 35798

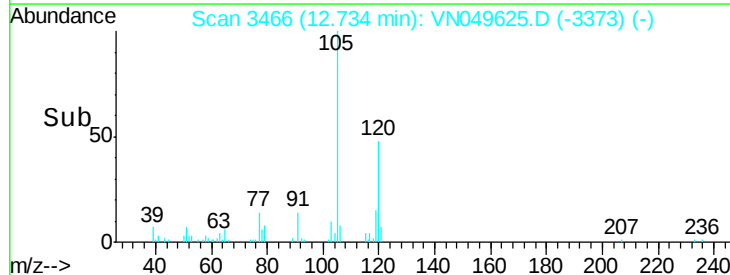
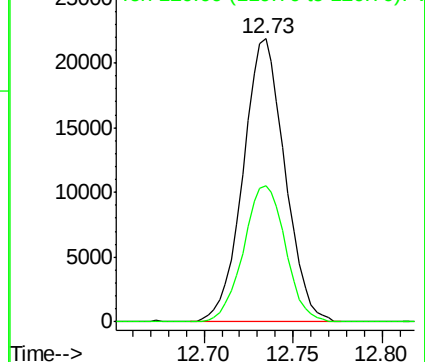
Ion Ratio Lower Upper

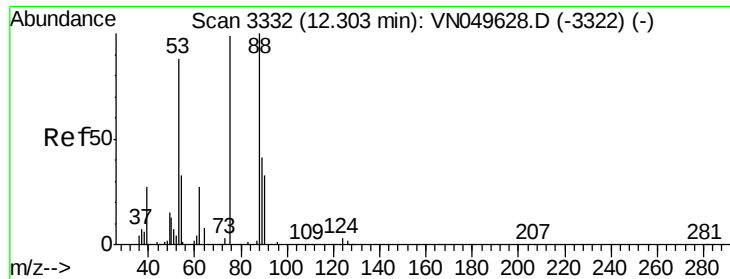
105 100

120 48.3 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN049628.D (-3450) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 0.995 ug/l

RT: 12.31 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

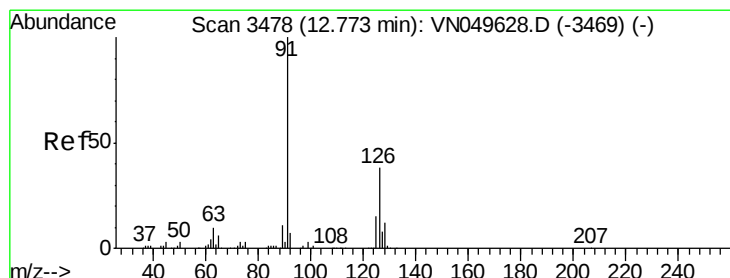
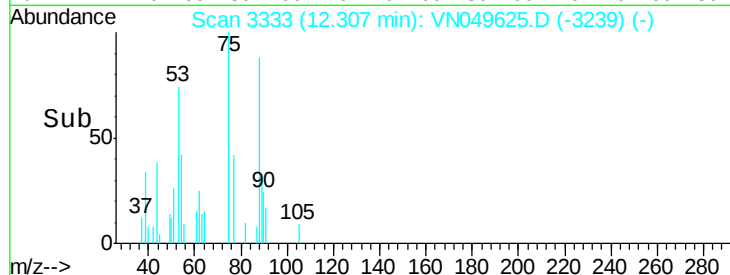
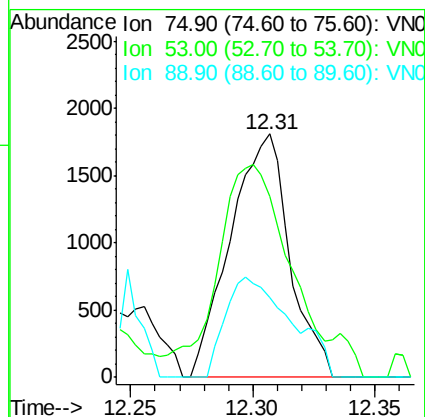
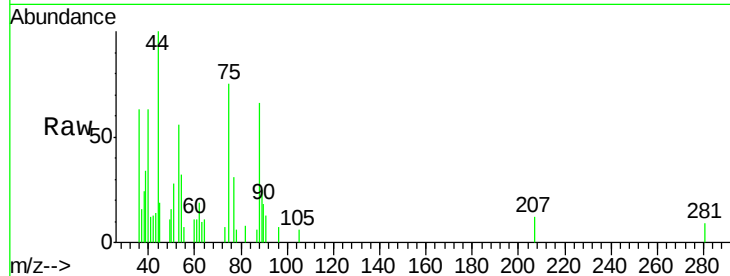
Tgt Ion: 75 Resp: 3041

Ion Ratio Lower Upper

75 100

53 112.3 73.9 110.9#

89 45.9 35.9 53.9



#82

4-Chlorotoluene

Concen: 0.894 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049625.D

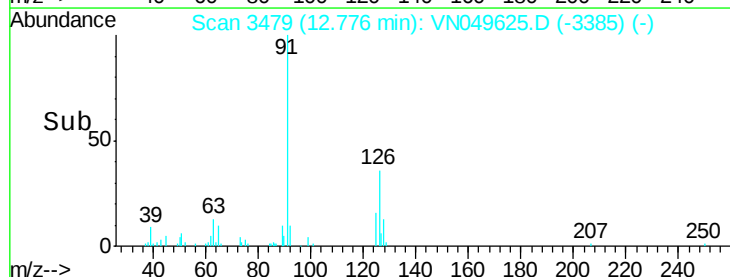
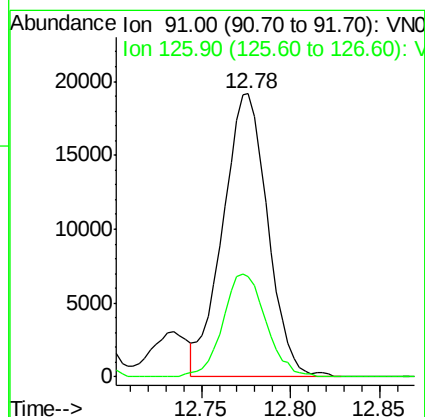
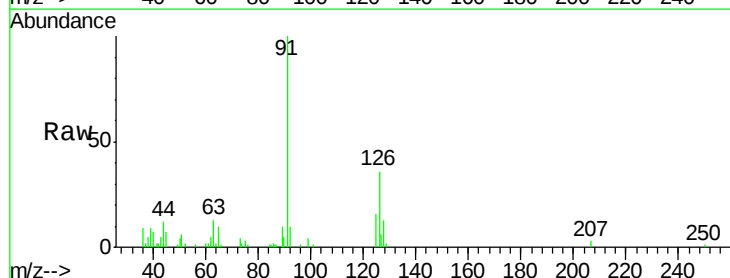
Acq: 29 Jun 2018 10:54

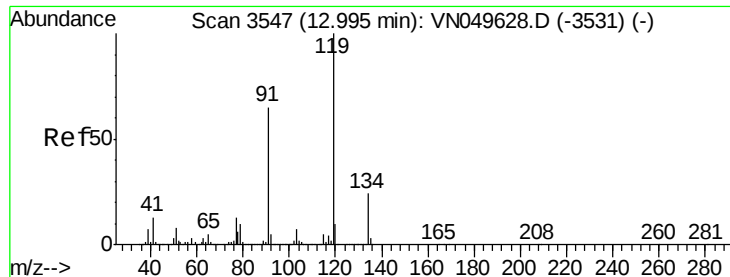
Tgt Ion: 91 Resp: 33594

Ion Ratio Lower Upper

91 100

126 34.9 17.2 51.6

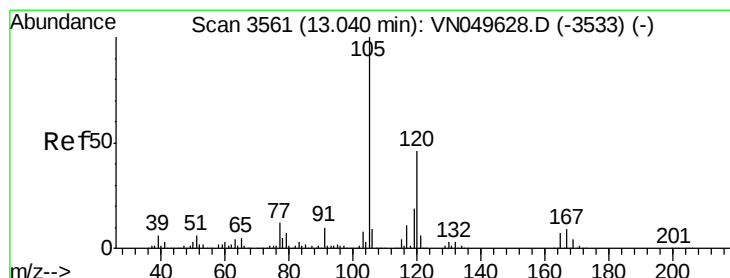
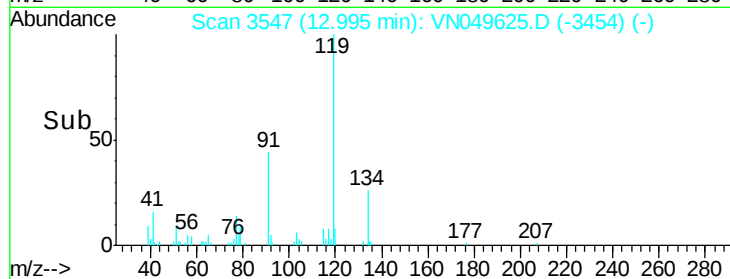
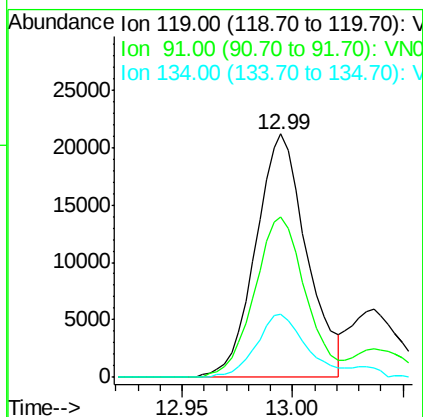
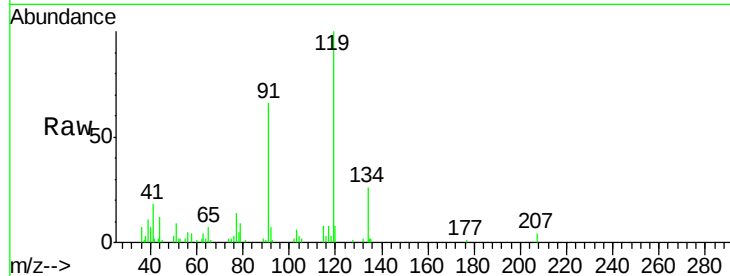




#83
 tert-Butylbenzene
 Concen: 0.920 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN049625.D
 Acq: 29 Jun 2018 10:54

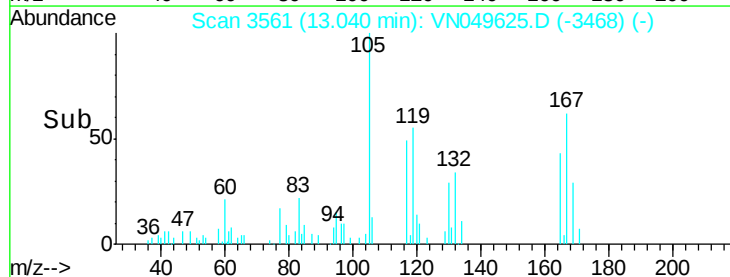
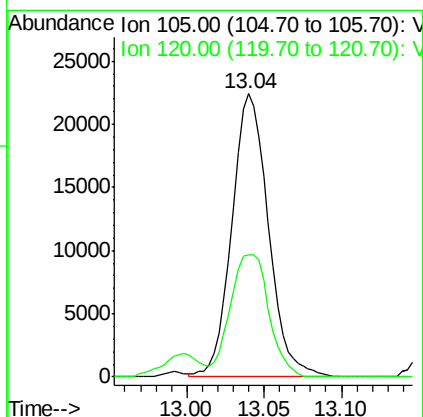
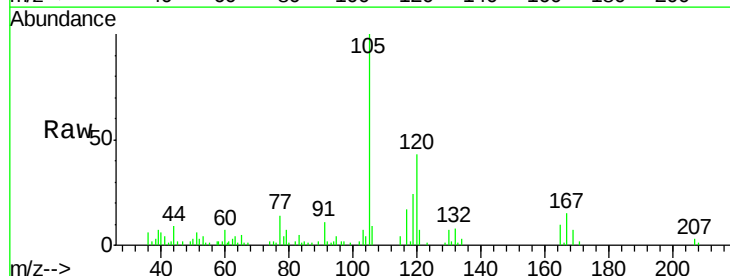
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

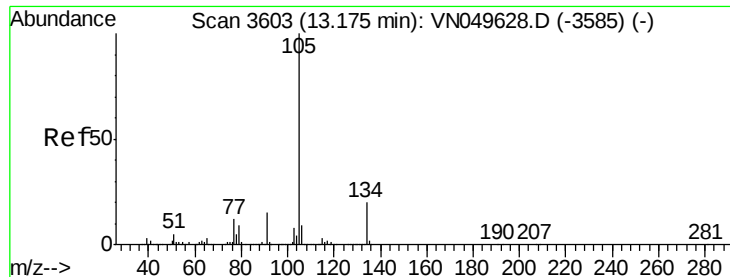
Tgt Ion:119 Resp: 33846
 Ion Ratio Lower Upper
 119 100
 91 66.6 32.0 96.2
 134 26.0 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 0.834 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN049625.D
 Acq: 29 Jun 2018 10:54

Tgt Ion:105 Resp: 36719
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.7 68.1





#85

sec-Butylbenzene

Concen: 0.896 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampleId :

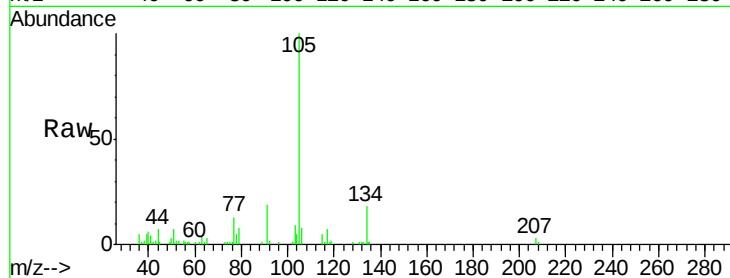
VSTDIC001

Tgt Ion:105 Resp: 43661

Ion Ratio Lower Upper

105 100

134 20.9 10.1 30.1

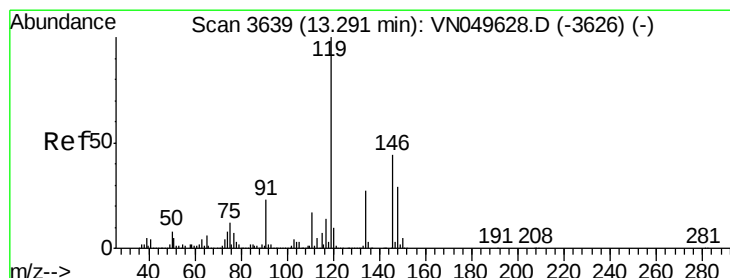
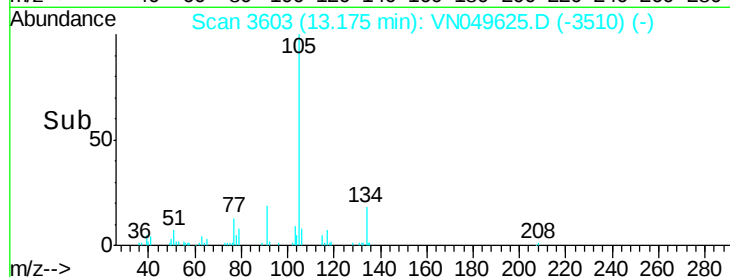


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

Time--> 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 0.770 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

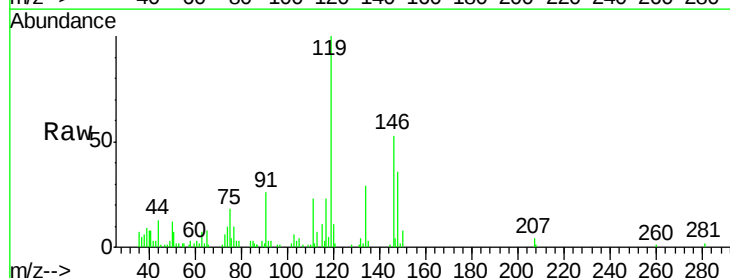
Tgt Ion:119 Resp: 32489

Ion Ratio Lower Upper

119 100

134 28.0 13.3 39.9

91 28.4 11.4 34.1



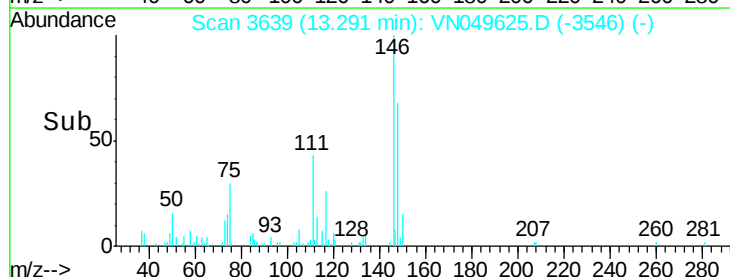
Abundance Ion 119.00 (118.70 to 119.70): V

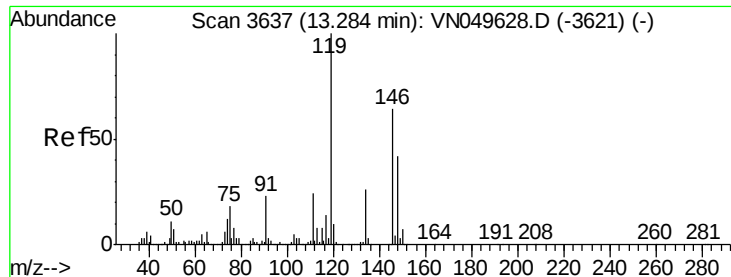
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

Time--> 13.20 13.25 13.30 13.35





#87

1,3-Dichlorobenzene

Concen: 0.887 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

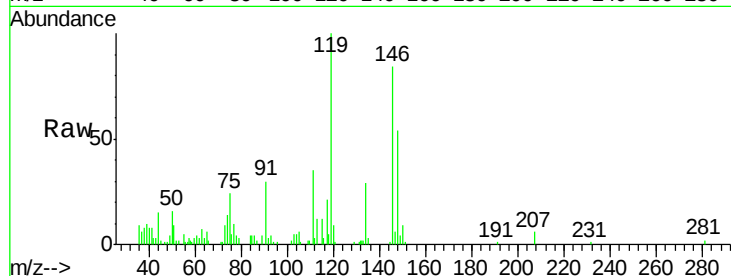
Tgt Ion:146 Resp: 22952

Ion Ratio Lower Upper

146 100

111 42.0 19.0 57.0

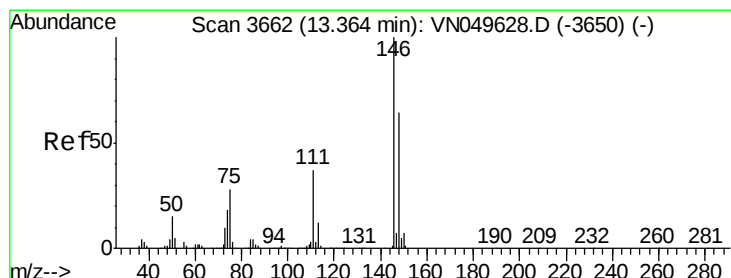
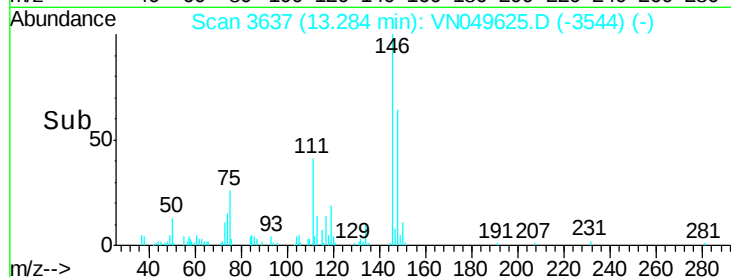
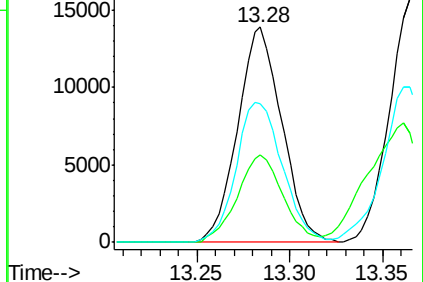
148 68.4 32.5 97.5



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



#88

1,4-Dichlorobenzene

Concen: 0.889 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.08 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

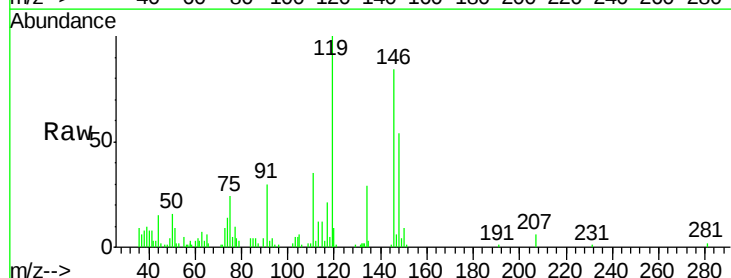
Tgt Ion:146 Resp: 22952

Ion Ratio Lower Upper

146 100

111 42.0 18.9 56.5

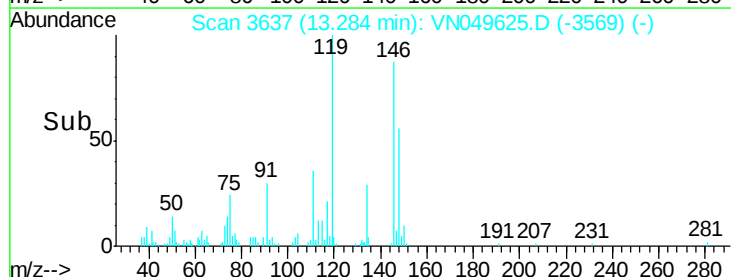
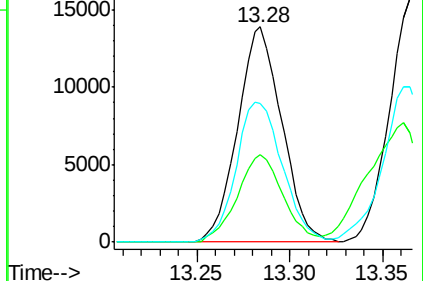
148 68.4 32.1 96.3

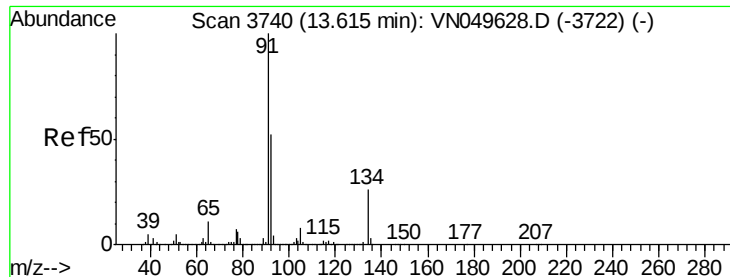


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.769 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. 0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

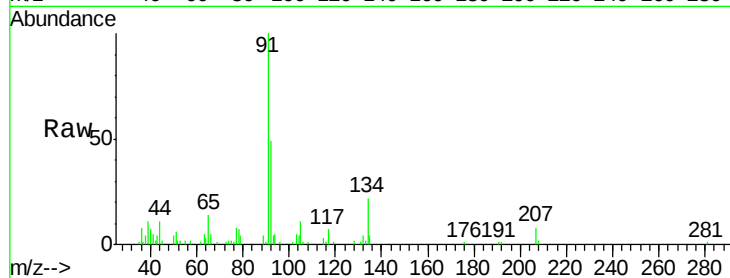
Tgt Ion: 91 Resp: 27789

Ion Ratio Lower Upper

91 100

92 48.8 25.8 77.3

134 25.7 13.0 38.9

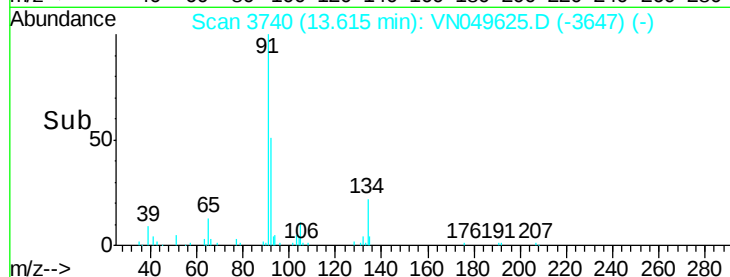


Abundance Ion 91.00 (90.70 to 91.70): VN049625.D (-3722) (-)

Ion 92.00 (91.70 to 92.70): VN049625.D (-3722) (-)

Ion 134.00 (133.70 to 134.70): VN049625.D (-3722) (-)

Time-->

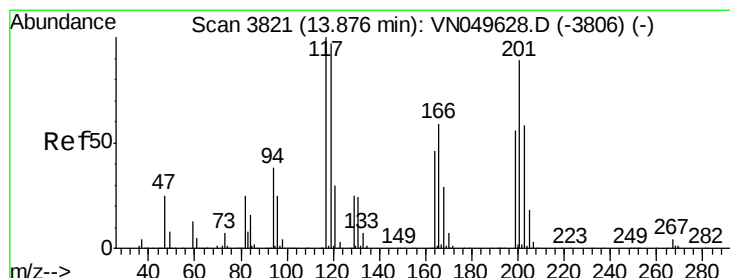


Abundance Ion 91.00 (90.70 to 91.70): VN049625.D (-3647) (-)

Ion 92.00 (91.70 to 92.70): VN049625.D (-3647) (-)

Ion 134.00 (133.70 to 134.70): VN049625.D (-3647) (-)

Time-->



#90

Hexachloroethane

Concen: 1.387 ug/l

RT: 13.87 min Scan# 3820

Delta R.T. -0.00 min

Lab File: VN049625.D

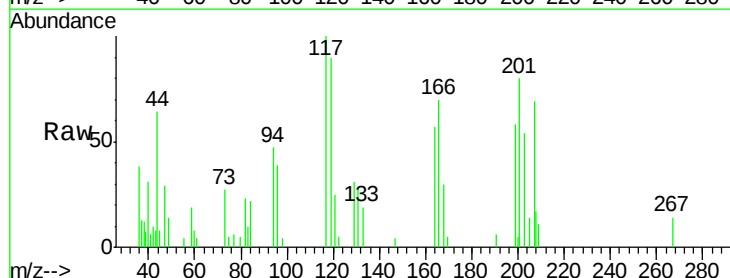
Acq: 29 Jun 2018 10:54

Tgt Ion: 117 Resp: 6150

Ion Ratio Lower Upper

117 100

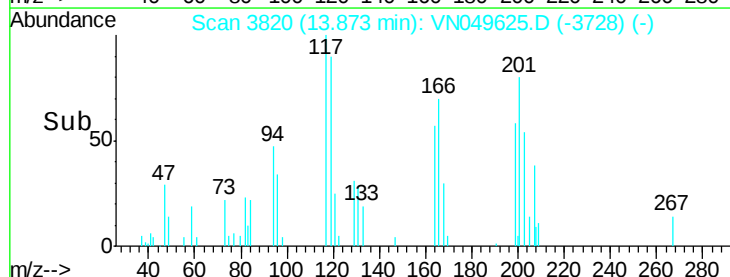
201 90.2 45.3 135.8



Abundance Ion 116.80 (116.50 to 117.50): VN049625.D (-3806) (-)

Ion 200.70 (200.40 to 201.40): VN049625.D (-3806) (-)

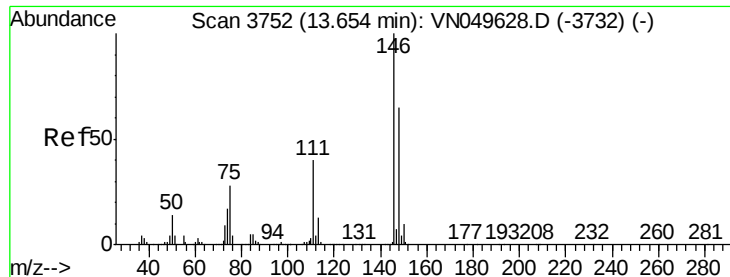
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN049625.D (-3728) (-)

Ion 200.70 (200.40 to 201.40): VN049625.D (-3728) (-)

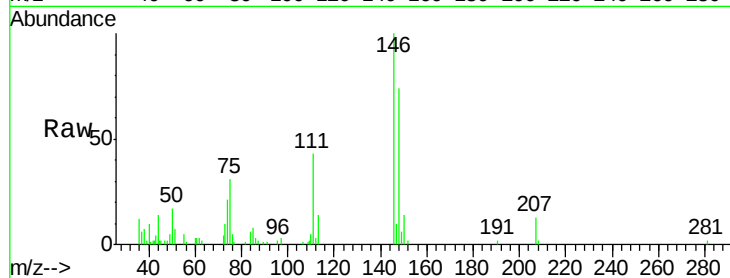
Time-->



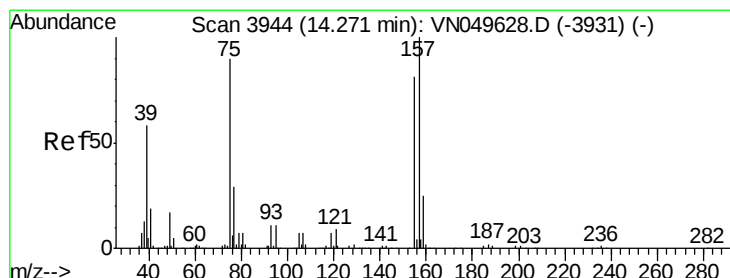
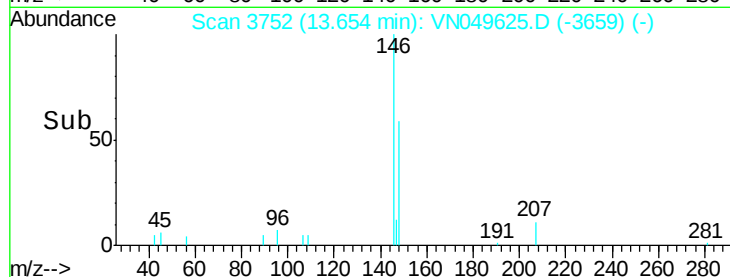
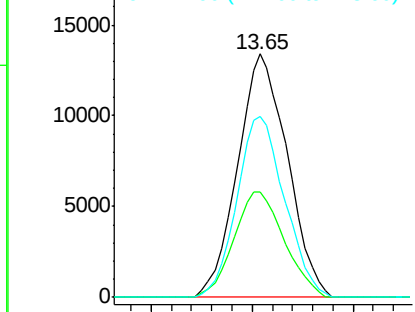
#91
 1,2-Dichlorobenzene
 Concen: 0.918 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN049625.D
 Acq: 29 Jun 2018 10:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 146 Resp: 23081
 Ion Ratio Lower Upper
 146 100
 111 43.8 19.7 59.1
 148 71.5 32.0 96.2

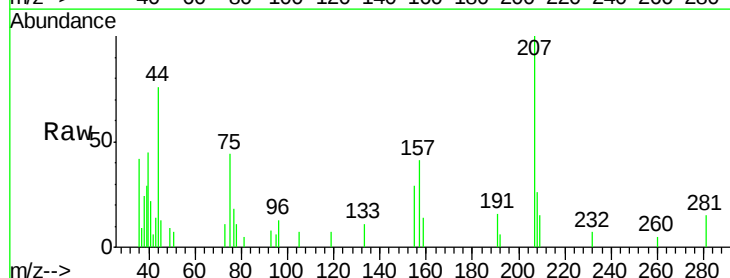


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

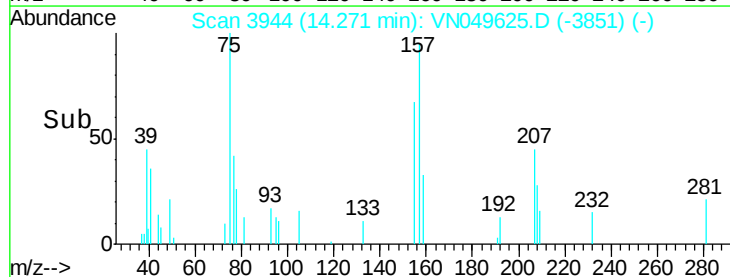
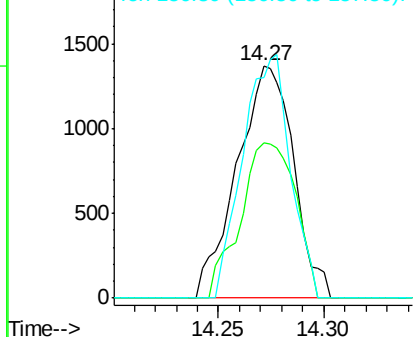


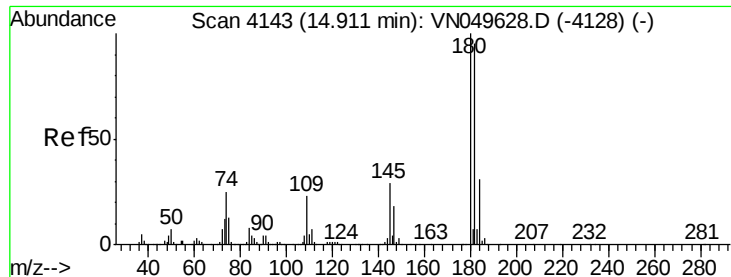
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.202 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049625.D
 Acq: 29 Jun 2018 10:54

Tgt Ion: 75 Resp: 2553
 Ion Ratio Lower Upper
 75 100
 155 65.4 45.7 137.1
 157 88.2 56.9 170.7



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

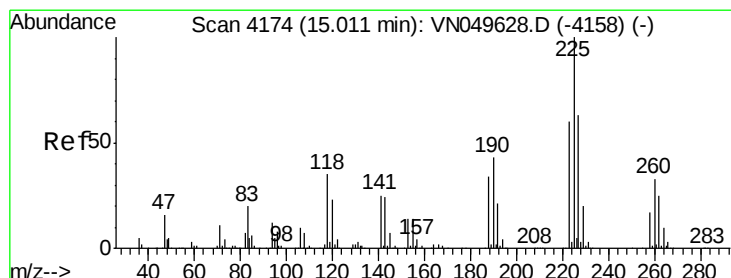
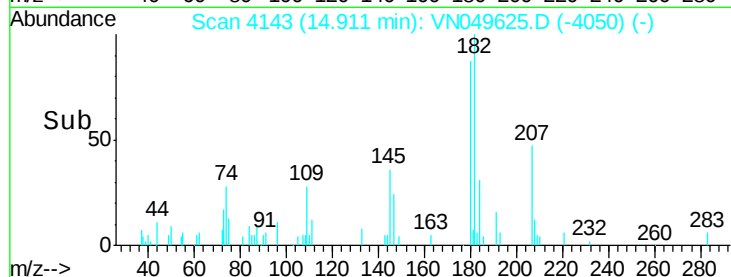
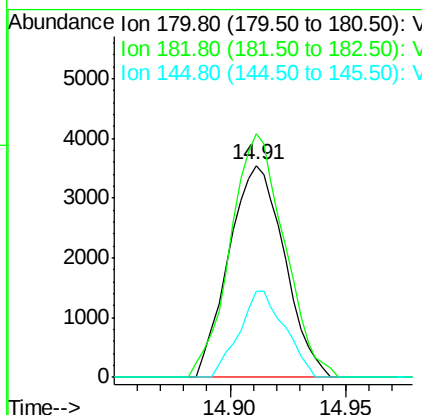
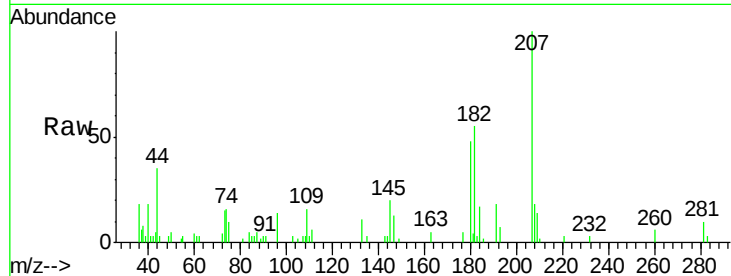




#93
 1,2,4-Trichlorobenzene
 Concen: 0.509 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049625.D
 Acq: 29 Jun 2018 10:54

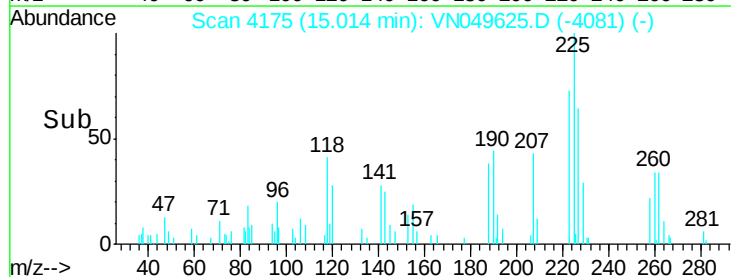
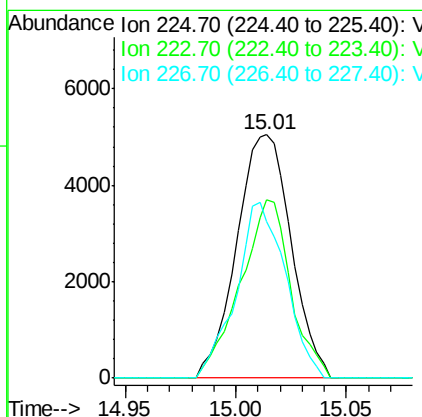
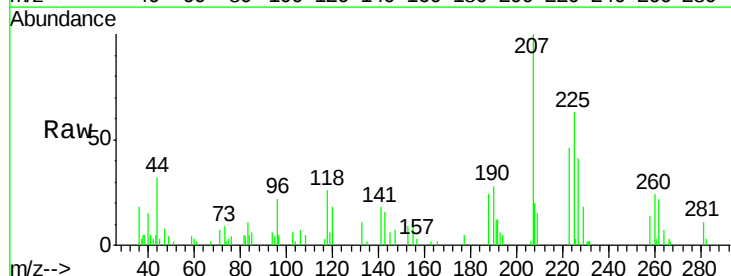
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

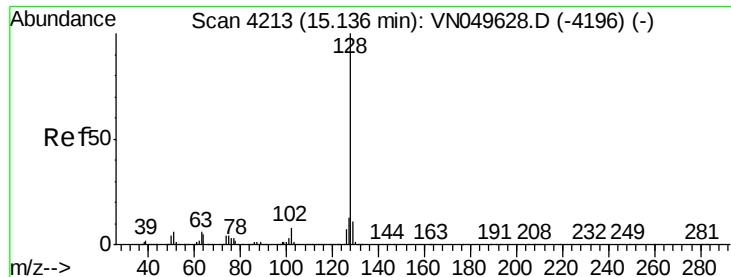
Tgt Ion:180 Resp: 5898
 Ion Ratio Lower Upper
 180 100
 182 111.3 47.3 141.9
 145 33.4 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 1.078 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049625.D
 Acq: 29 Jun 2018 10:54

Tgt Ion:225 Resp: 8660
 Ion Ratio Lower Upper
 225 100
 223 67.3 30.9 92.7
 227 65.5 31.8 95.4





#95

Naphthalene

Concen: 0.512 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

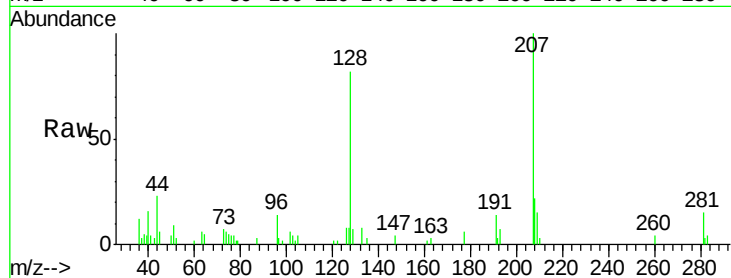
Tgt Ion:128 Resp: 12718

Ion Ratio Lower Upper

128 100

127 10.4 10.4 15.6#

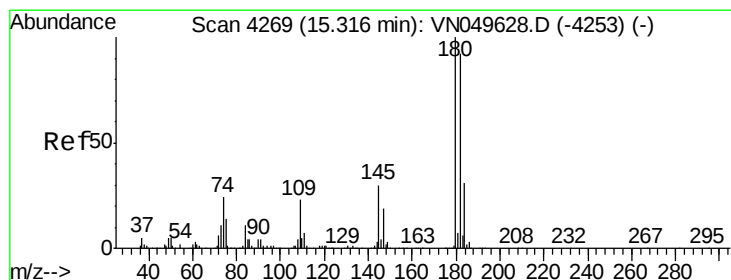
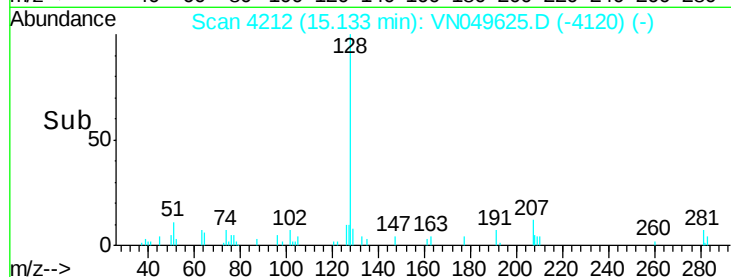
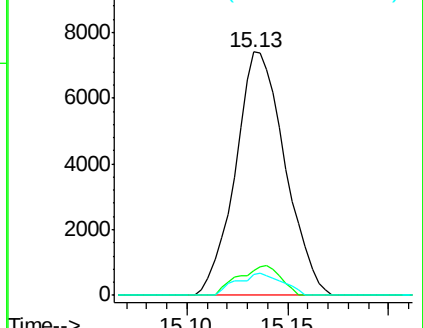
129 8.4 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.641 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN049625.D

Acq: 29 Jun 2018 10:54

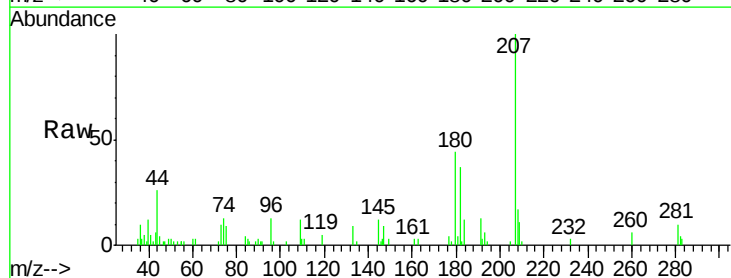
Tgt Ion:180 Resp: 7631

Ion Ratio Lower Upper

180 100

182 87.3 47.4 142.2

145 26.3 15.2 45.6



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

