

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062918\
 Data File : VN049626.D
 Acq On : 29 Jun 2018 11:19
 Operator : MD\SY
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 30 00:19:43 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	1292347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2043806	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1765167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	843995	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	93452	5.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.96%	
35) Dibromofluoromethane	7.59	113	83029	5.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.86%	
50) Toluene-d8	10.09	98	289720	4.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.68%	
62) 4-Bromofluorobenzene	12.40	95	89426	4.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.76%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	71781	4.929	ug/l 100
3) Chloromethane	2.06	50	94572	5.199	ug/l 99
4) Vinyl Chloride	2.18	62	102604	5.252	ug/l 100
5) Bromomethane	2.56	94	50245	4.896	ug/l 93
6) Chloroethane	2.70	64	68174	5.513	ug/l 99
7) Trichlorofluoromethane	3.01	101	132131	5.921	ug/l 97
8) Diethyl Ether	3.41	74	48003	5.307	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	91272	5.685	ug/l 98
10) Methyl Iodide	3.95	142	97216	4.838	ug/l 97
11) Tert butyl alcohol	4.80	59	25471	26.008	ug/l # 88
12) 1,1-Dichloroethene	3.73	96	83282	5.487	ug/l 94
13) Acrolein	3.61	56	37155	40.616	ug/l 98
14) Allyl chloride	4.32	41	124662	5.979	ug/l 98
15) Acrylonitrile	5.00	53	127483	25.203	ug/l 100
16) Acetone	3.82	43	115879	27.414	ug/l 98
17) Carbon Disulfide	4.05	76	233185	5.068	ug/l 98
18) Methyl Acetate	4.33	43	198118	7.703	ug/l 100
19) Methyl tert-butyl Ether	5.04	73	194403	4.968	ug/l 98
20) Methylene Chloride	4.55	84	98179	5.587	ug/l 94
21) trans-1,2-Dichloroethene	5.04	96	82312	5.269	ug/l 97
22) Diisopropyl ether	5.96	45	238187	5.049	ug/l 97
23) Vinyl Acetate	5.90	43	718231	23.479	ug/l 100
24) 1,1-Dichloroethane	5.85	63	164158	5.524	ug/l 99
25) 2-Butanone	6.84	43	139817	24.678	ug/l 98
26) 2,2-Dichloropropane	6.82	77	135165	5.476	ug/l 98
27) cis-1,2-Dichloroethene	6.83	96	89262	5.115	ug/l 95
28) Bromochloromethane	7.20	49	67199	5.328	ug/l 98
29) Tetrahydrofuran	7.22	42	84238	23.327	ug/l 99
30) Chloroform	7.37	83	168013	5.546	ug/l 97
31) Cyclohexane	7.65	56	148253	5.066	ug/l # 85
32) 1,1,1-Trichloroethane	7.57	97	140368	5.473	ug/l 99
36) 1,1-Dichloropropene	7.79	75	115545	5.025	ug/l 99
37) Ethyl Acetate	6.93	43	65747	4.902	ug/l # 78
38) Carbon Tetrachloride	7.77	117	114792	5.132	ug/l 98

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 Data File : VN049626.D
 Acq On : 29 Jun 2018 11:19
 Operator : MD\SY
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 30 00:19:43 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	120943	4.797	ug/l	97
40) Benzene	8.04	78	365584	5.207	ug/l	99
41) Methacrylonitrile	7.18	41	37154	5.190	ug/l	95
42) 1,2-Dichloroethane	8.13	62	117103	5.226	ug/l	99
43) Isopropyl Acetate	8.17	43	165394	5.219	ug/l #	88
44) Trichloroethene	8.84	130	112397	5.308	ug/l	99
45) 1,2-Dichloropropane	9.12	63	96975	5.346	ug/l	99
46) Dibromomethane	9.21	93	58766	5.355	ug/l	97
47) Bromodichloromethane	9.40	83	120966	5.178	ug/l	98
48) Methyl methacrylate	9.20	41	54278	4.554	ug/l	99
49) 1,4-Dioxane	9.20	88	14848	92.670	ug/l #	84
51) 4-Methyl-2-Pentanone	9.99	43	308407	23.454	ug/l	96
52) Toluene	10.16	92	209150	4.931	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	103793	4.640	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	123040	4.706	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	82024	5.193	ug/l	99
56) Ethyl methacrylate	10.43	69	77203	4.170	ug/l	95
57) 1,3-Dichloropropane	10.71	76	131016	5.116	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	177370	20.581	ug/l	98
59) 2-Hexanone	10.75	43	190163	21.870	ug/l	95
60) Dibromochloromethane	10.90	129	83217	4.875	ug/l	98
61) 1,2-Dibromoethane	11.01	107	74261	4.907	ug/l	97
64) Tetrachloroethene	10.63	164	133328	5.578	ug/l	99
65) Chlorobenzene	11.44	112	238920	5.189	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	87040	5.261	ug/l	99
67) Ethyl Benzene	11.51	91	370761	4.871	ug/l	99
68) m/p-Xylenes	11.62	106	282756	9.693	ug/l	98
69) o-Xylene	11.95	106	136047	4.871	ug/l	99
70) Styrene	11.96	104	208531	4.615	ug/l	99
71) Bromoform	12.13	173	52093	4.738	ug/l #	98
73) Isopropylbenzene	12.25	105	354507	5.273	ug/l	100
74) N-amyl acetate	12.07	43	83371	4.540	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	87459	5.509	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	105480	7.199	ug/l #	100
77) Bromobenzene	12.53	156	95068	5.200	ug/l	99
78) n-propylbenzene	12.59	91	391894	5.086	ug/l	100
79) 2-Chlorotoluene	12.68	91	253494	5.199	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	284232	5.088	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	18630	4.675	ug/l	87
82) 4-Chlorotoluene	12.77	91	252274	5.145	ug/l	100
83) tert-Butylbenzene	12.99	119	252285	5.257	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	288708	5.029	ug/l	99
85) sec-Butylbenzene	13.17	105	330127	5.192	ug/l	99
86) p-Isopropyltoluene	13.29	119	271639	4.932	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	167313	4.958	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	166262	4.935	ug/l	97
89) n-Butylbenzene	13.62	91	214851	4.557	ug/l	97
90) Hexachloroethane	13.88	117	26561	4.591	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	168370	5.133	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12507	4.515	ug/l	95

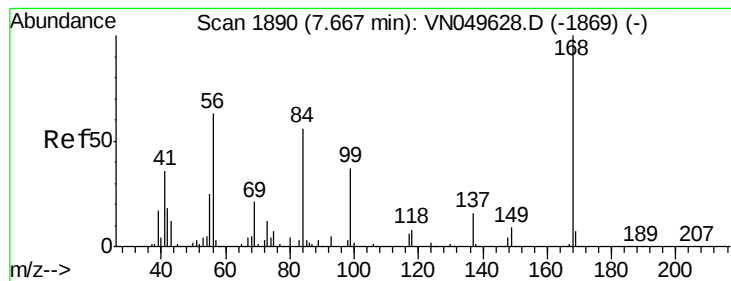
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062918\
Data File : VN049626.D
Acq On : 29 Jun 2018 11:19
Operator : MD\SY
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Jun 30 00:19:43 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	47898	3.171	ug/l	100
94) Hexachlorobutadiene	15.01	225	56123	5.357	ug/l	98
95) Naphthalene	15.14	128	83725	2.583	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	54305	3.494	ug/l	97

(#) = 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: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

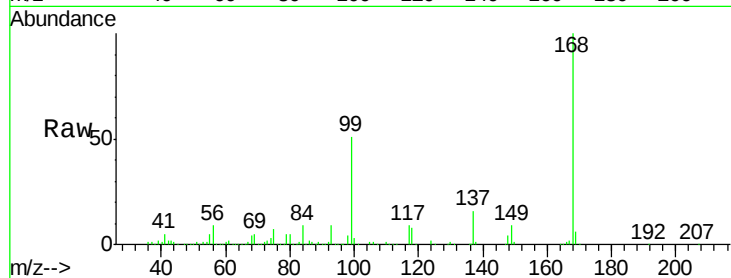
VSTDIC005

Tgt Ion:168 Resp: 1292347

Ion Ratio Lower Upper

168 100

99 51.0 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

500000

400000

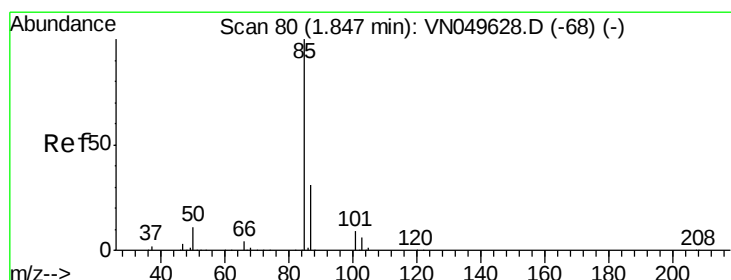
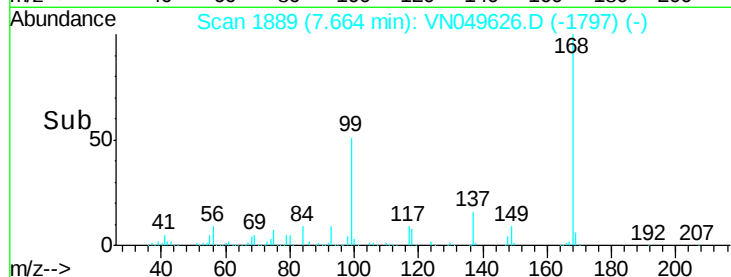
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 4.929 ug/l

RT: 1.85 min Scan# 80

Delta R.T. 0.00 min

Lab File: VN049626.D

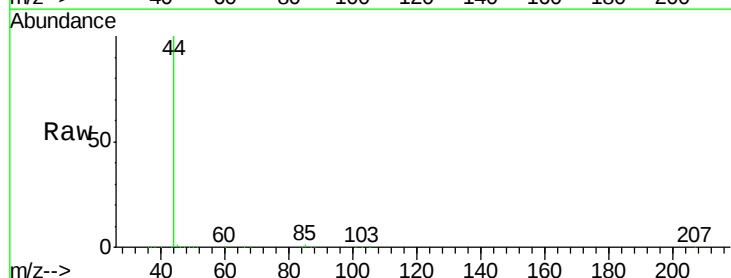
Acq: 29 Jun 2018 11:19

Tgt Ion: 85 Resp: 71781

Ion Ratio Lower Upper

85 100

87 30.9 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

60000

50000

40000

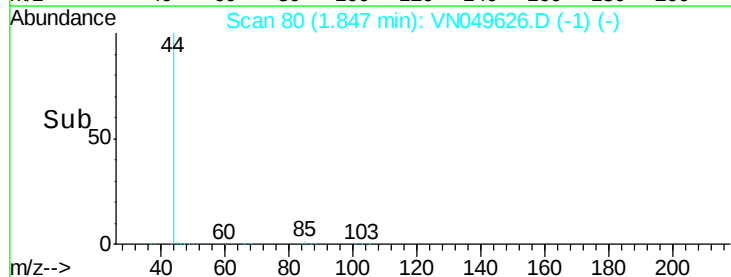
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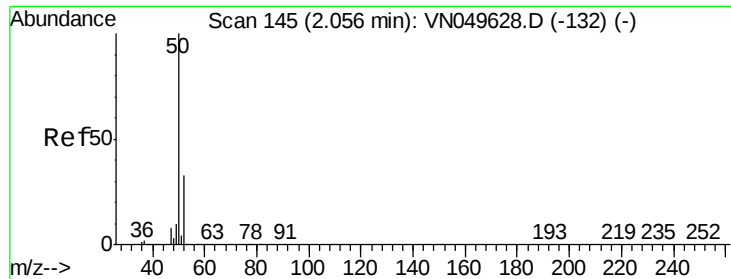
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 5.199 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

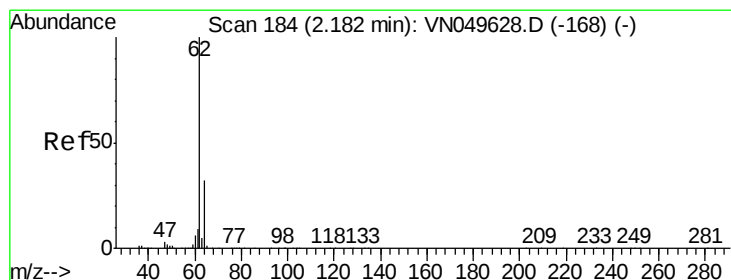
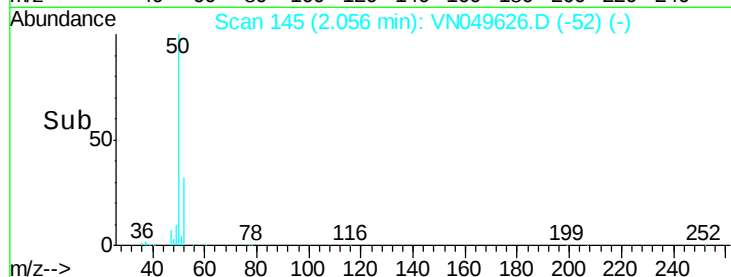
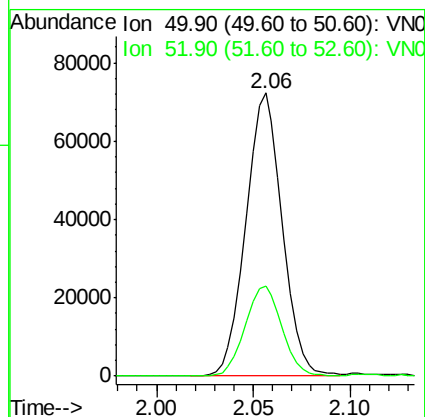
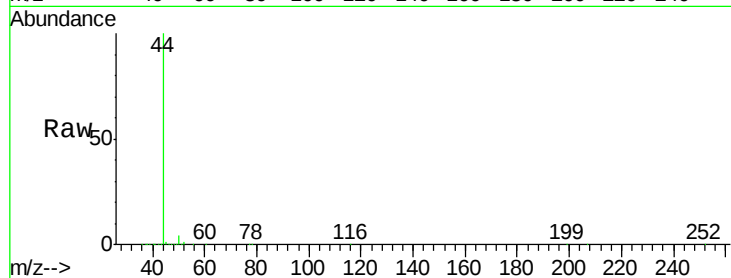
VSTDIC005

Tgt Ion: 50 Resp: 94572

Ion Ratio Lower Upper

50 100

52 32.0 26.1 39.1



#4

Vinyl Chloride

Concen: 5.252 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN049626.D

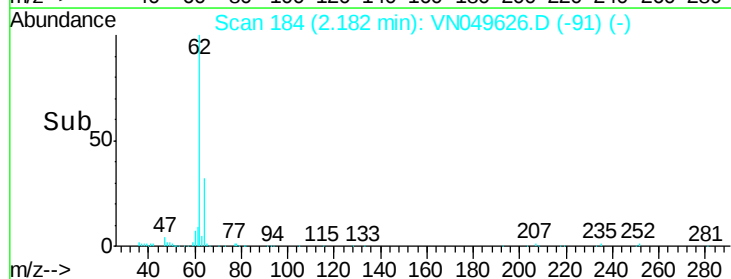
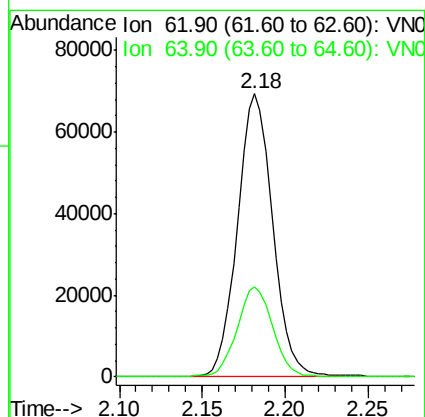
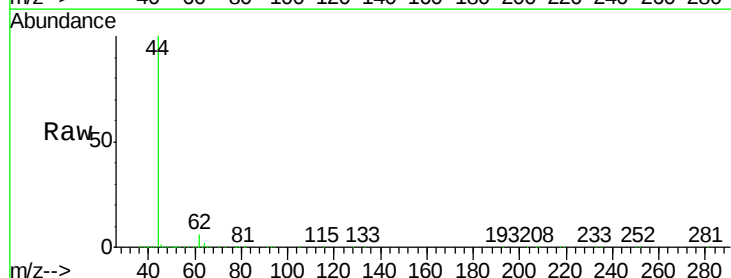
Acq: 29 Jun 2018 11:19

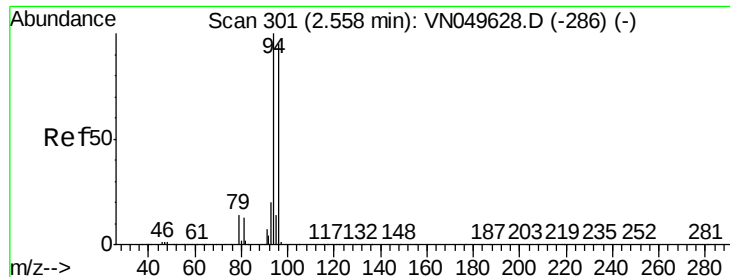
Tgt Ion: 62 Resp: 102604

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0





#5

Bromomethane

Concen: 4.896 ug/l

RT: 2.56 min Scan# 302

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

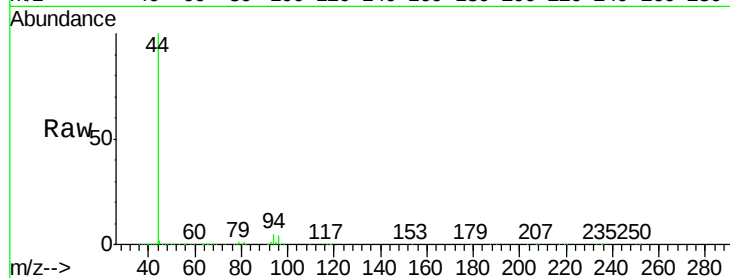
VSTDIC005

Tgt Ion: 94 Resp: 50245

Ion Ratio Lower Upper

94 100

96 87.9 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN049626.D (-208) (-)

Ion 95.90 (95.60 to 96.60): VN049626.D (-208) (-)

2.56

30000

25000

20000

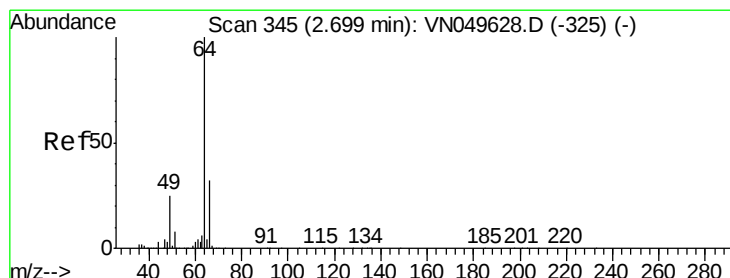
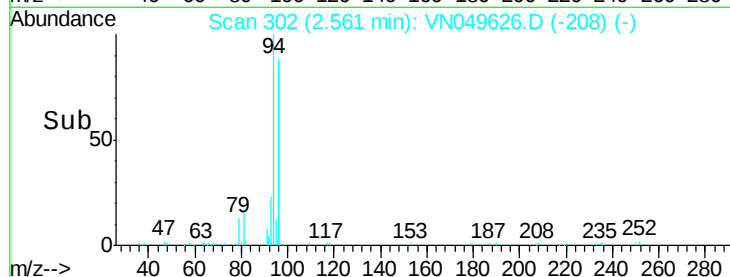
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 5.513 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN049626.D

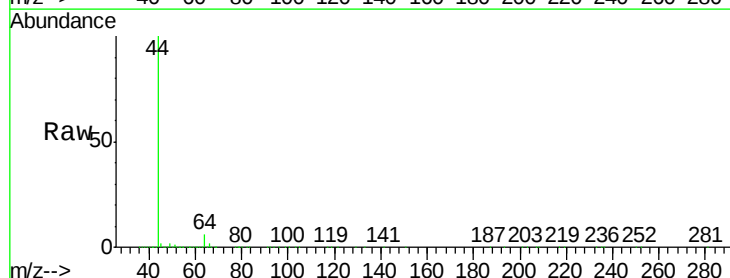
Acq: 29 Jun 2018 11:19

Tgt Ion: 64 Resp: 68174

Ion Ratio Lower Upper

64 100

66 31.7 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN049626.D (-252) (-)

Ion 65.90 (65.60 to 66.60): VN049626.D (-252) (-)

2.70

40000

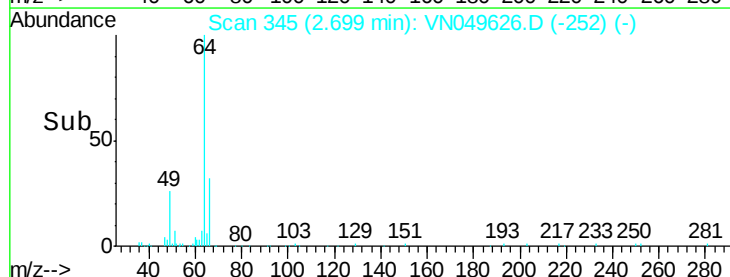
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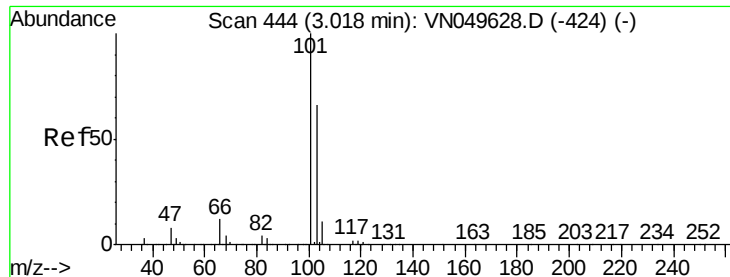
20000

10000

0

Time-->



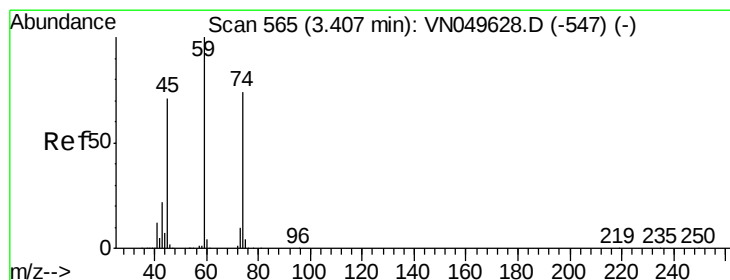
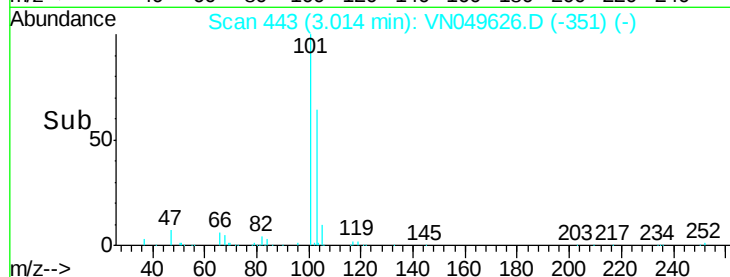
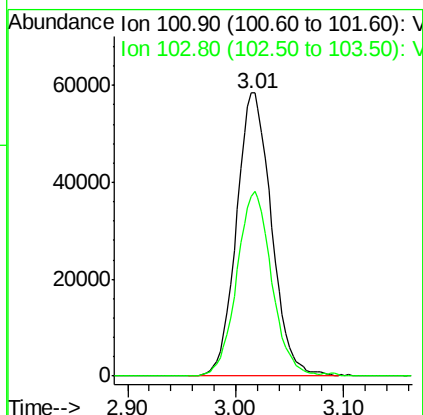
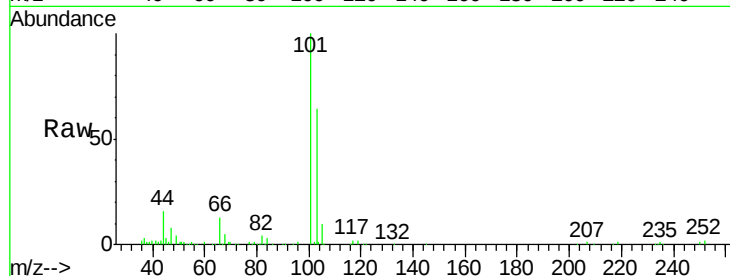


#7

Trichlorofluoromethane
 Concen: 5.921 ug/l
 RT: 3.01 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

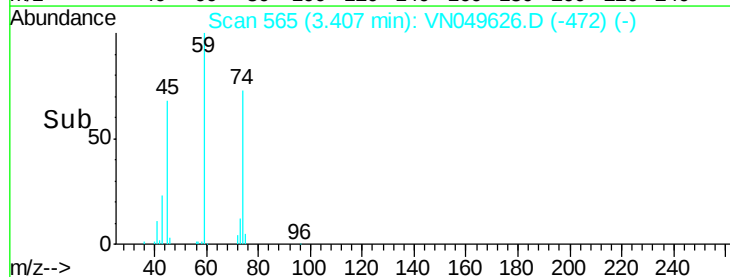
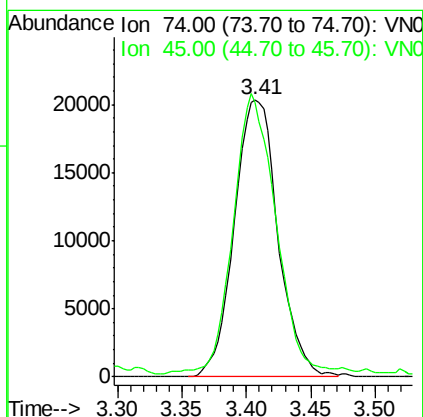
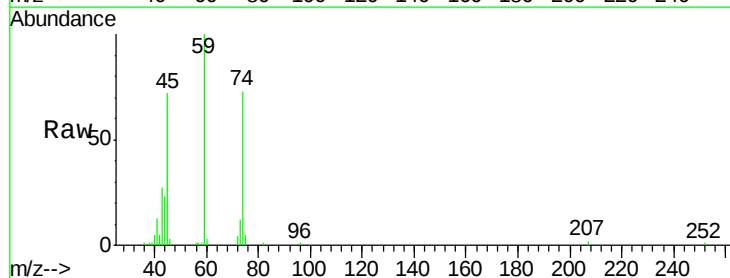
Tgt Ion:101 Resp: 132131
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.8 79.2

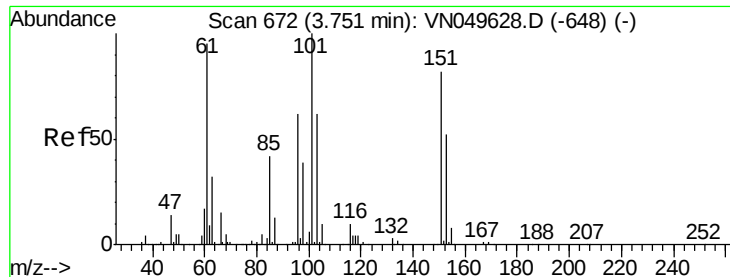


#8

Diethyl Ether
 Concen: 5.307 ug/l
 RT: 3.41 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Tgt Ion: 74 Resp: 48003
 Ion Ratio Lower Upper
 74 100
 45 98.8 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.685 ug/l

RT: 3.75 min Scan# 672

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

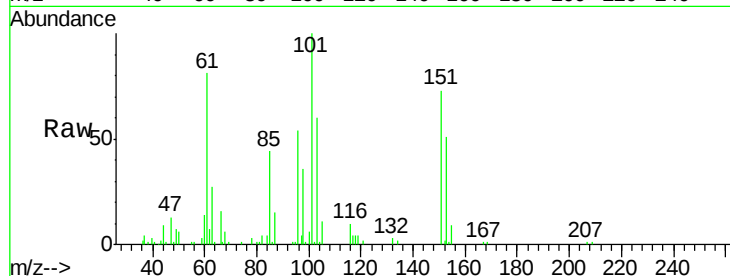
Tgt Ion:101 Resp: 91272

Ion Ratio Lower Upper

101 100

85 43.0 34.4 51.6

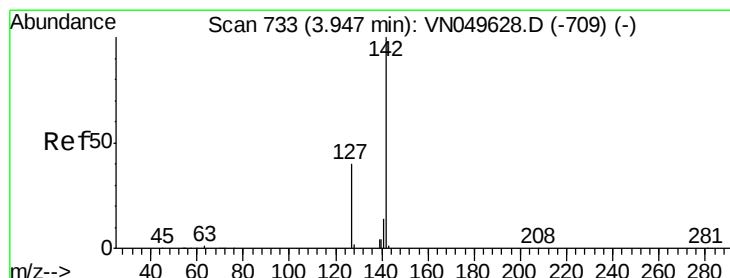
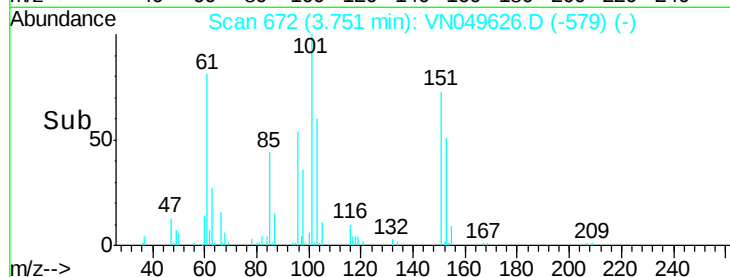
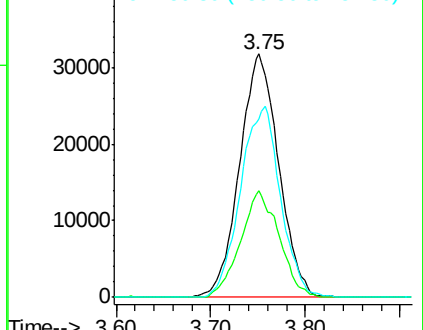
151 80.1 66.2 99.4



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: 4.838 ug/l

RT: 3.95 min Scan# 733

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

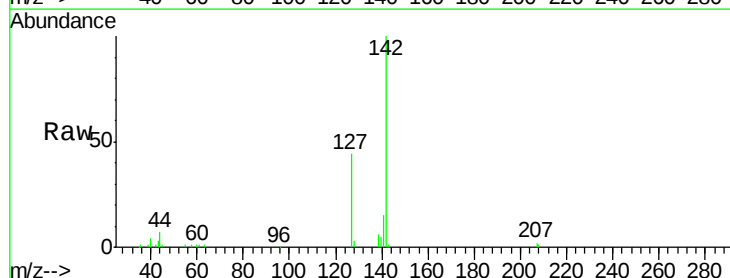
Tgt Ion:142 Resp: 97216

Ion Ratio Lower Upper

142 100

127 42.3 32.5 48.7

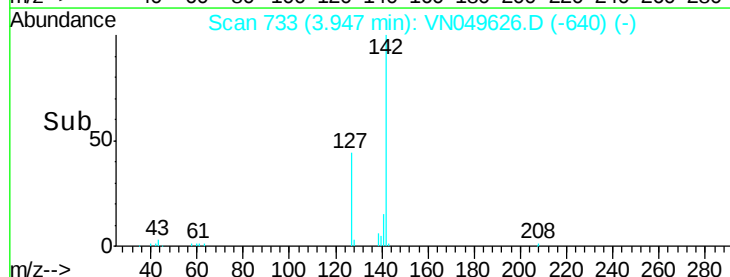
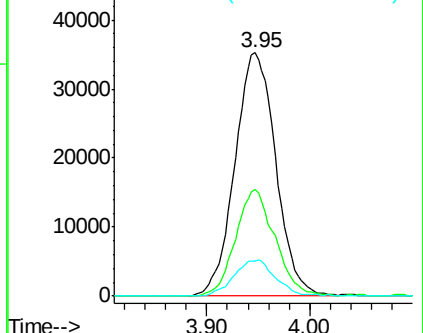
141 14.7 11.1 16.7

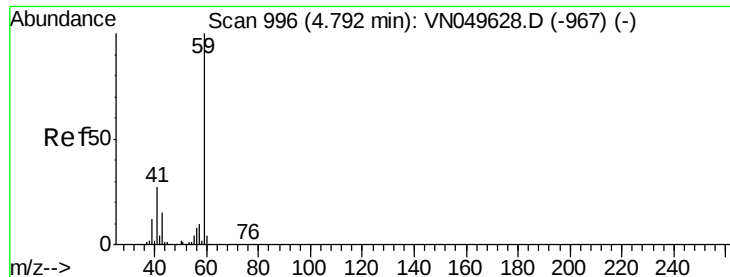


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

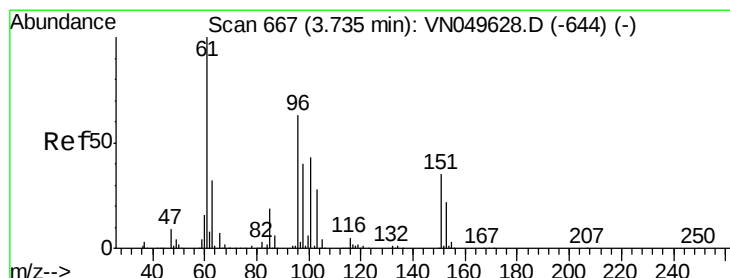
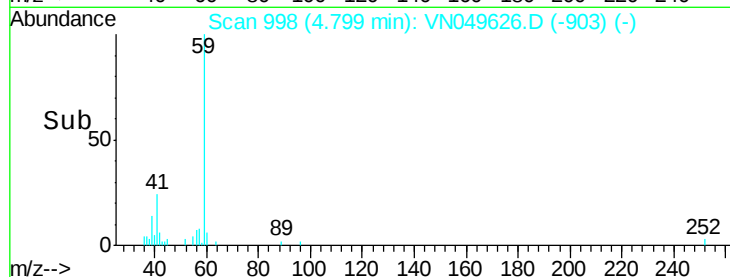
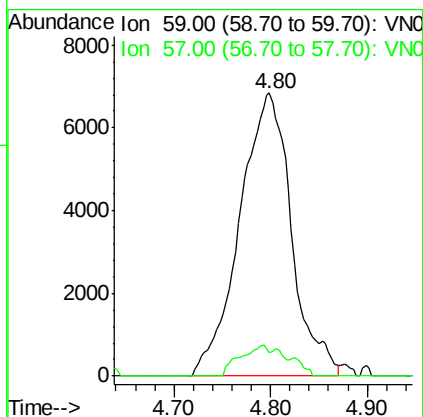
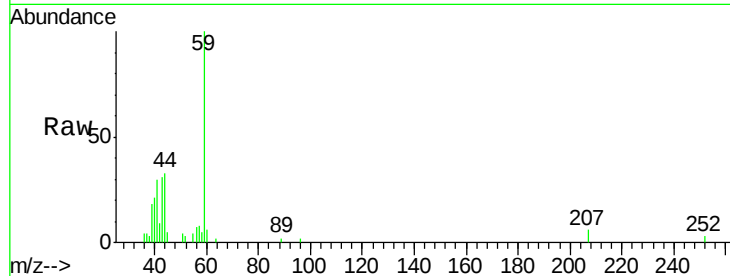




#11
Tert butyl alcohol
Concen: 26.008 ug/l
RT: 4.80 min Scan# 998
Delta R.T. 0.01 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

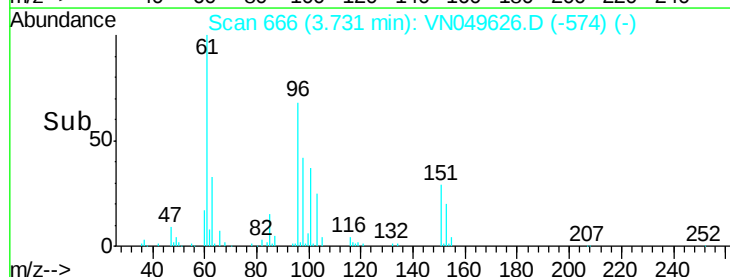
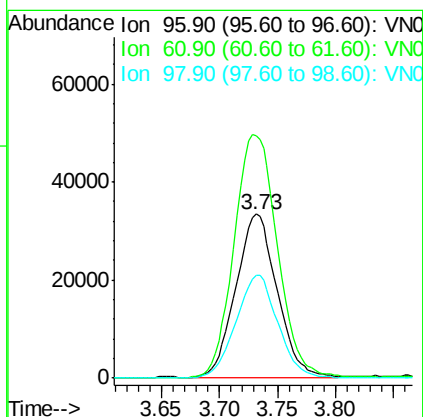
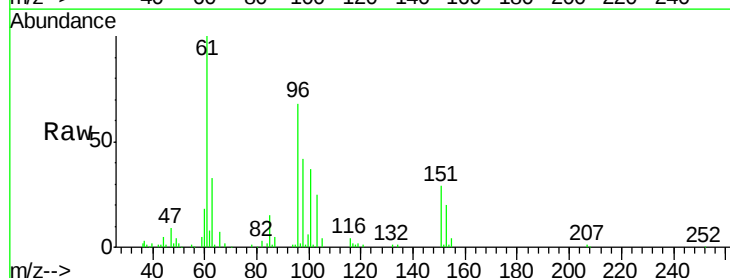
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

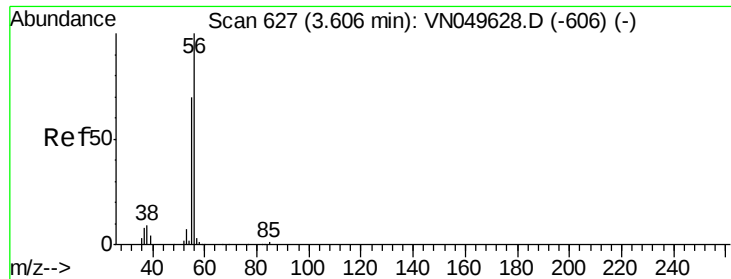
Tgt Ion: 59 Resp: 25471
Ion Ratio Lower Upper
59 100
57 6.0 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 5.487 ug/l
RT: 3.73 min Scan# 666
Delta R.T. -0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion: 96 Resp: 83282
Ion Ratio Lower Upper
96 100
61 147.5 126.5 189.7
98 62.3 51.0 76.6





#13

Acrolein

Concen: 40.616 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

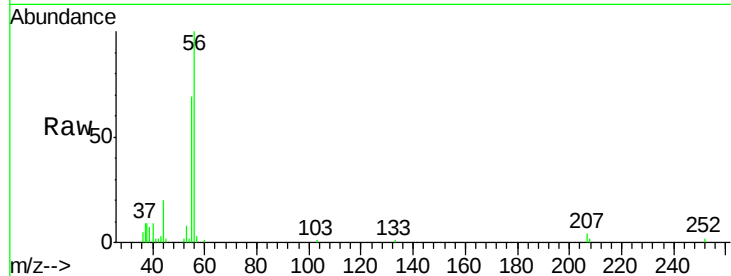
VSTDIC005

Tgt Ion: 56 Resp: 37155

Ion Ratio Lower Upper

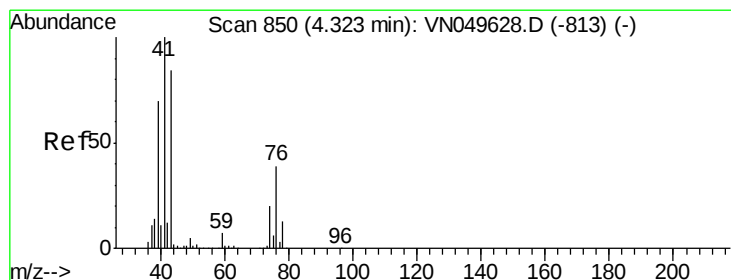
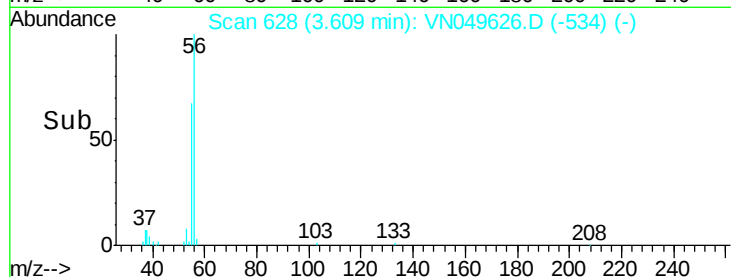
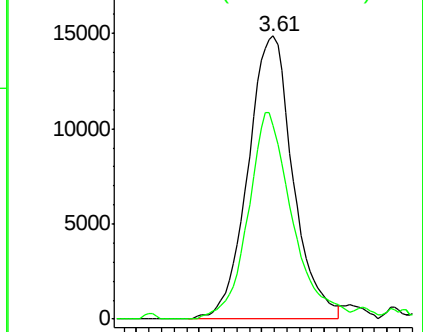
56 100

55 71.6 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 5.979 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

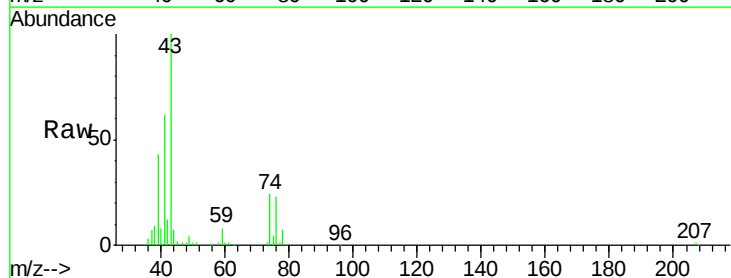
Tgt Ion: 41 Resp: 124662

Ion Ratio Lower Upper

41 100

39 65.0 53.2 79.8

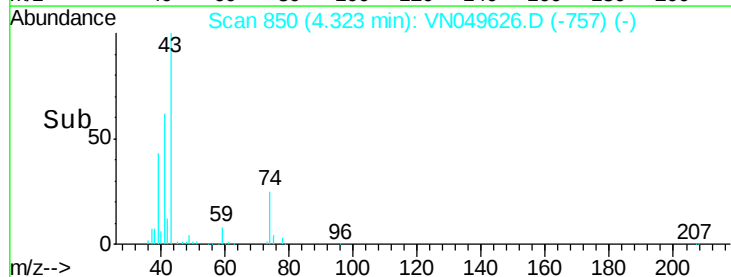
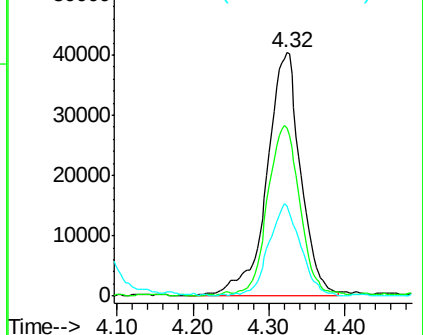
76 35.7 29.0 43.6

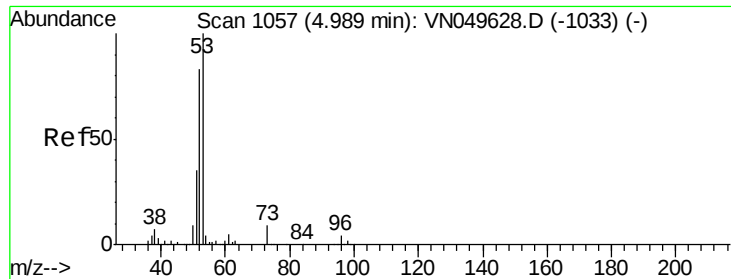


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 25.203 ug/l

RT: 5.00 min Scan# 1059

Delta R.T. 0.01 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

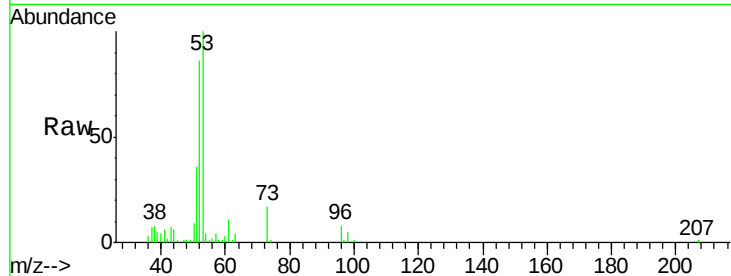
Tgt Ion: 53 Resp: 127483

Ion Ratio Lower Upper

53 100

52 81.0 64.8 97.2

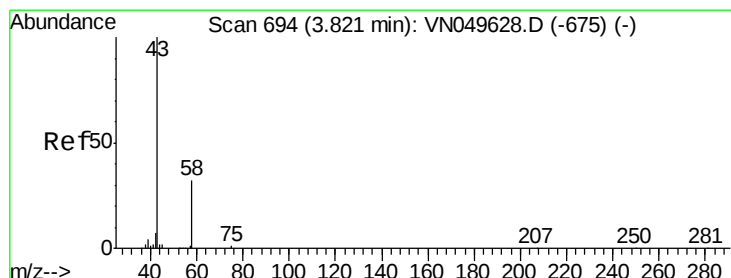
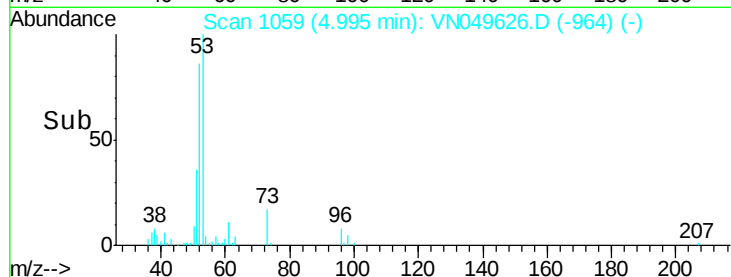
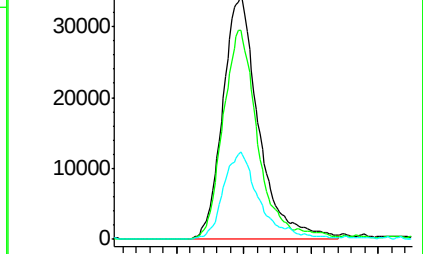
51 35.8 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN049628.D (-1033) (-)

Ion 52.00 (51.70 to 52.70): VN049628.D (-1033) (-)

Ion 51.00 (50.70 to 51.70): VN049628.D (-1033) (-)



#16

Acetone

Concen: 27.414 ug/l

RT: 3.82 min Scan# 693

Delta R.T. -0.00 min

Lab File: VN049626.D

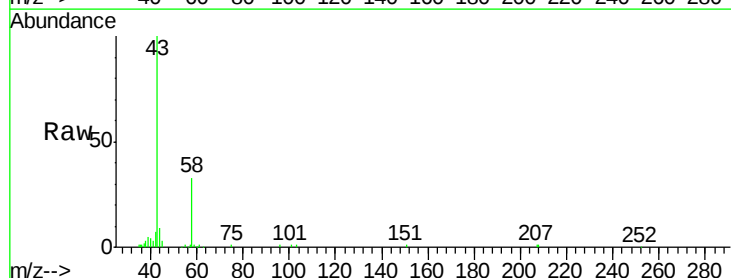
Acq: 29 Jun 2018 11:19

Tgt Ion: 43 Resp: 115879

Ion Ratio Lower Upper

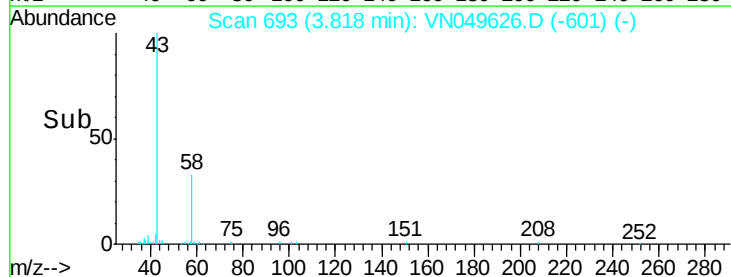
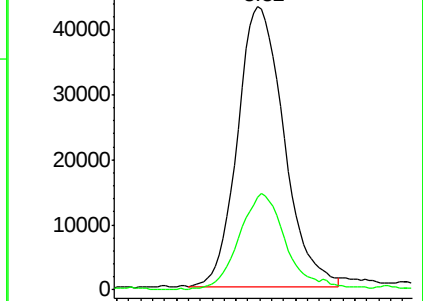
43 100

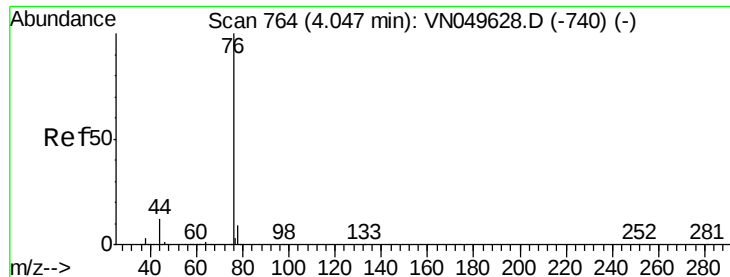
58 33.4 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-675) (-)

Ion 58.00 (57.70 to 58.70): VN049628.D (-675) (-)

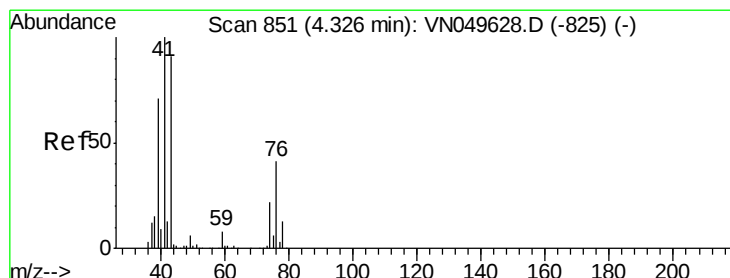
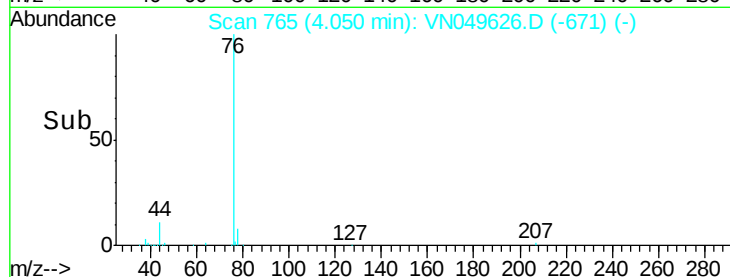
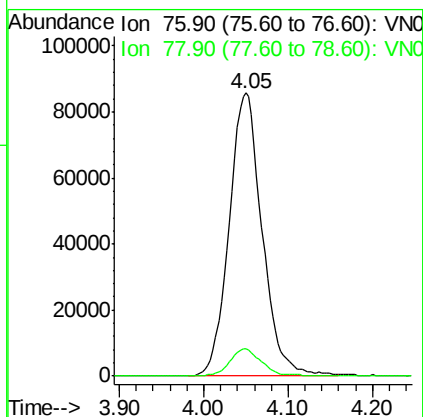
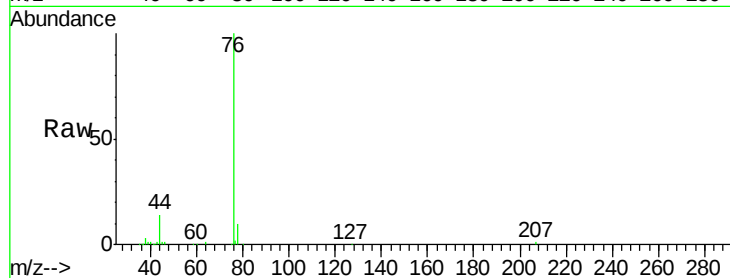




#17
Carbon Disulfide
Concen: 5.068 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

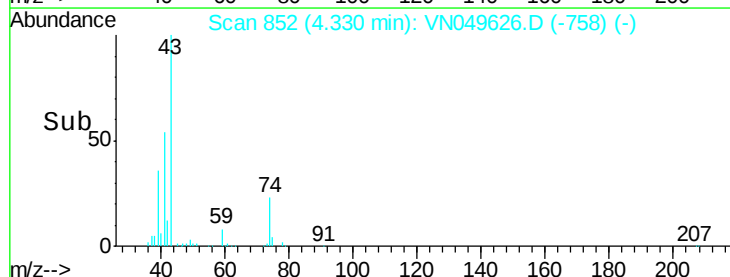
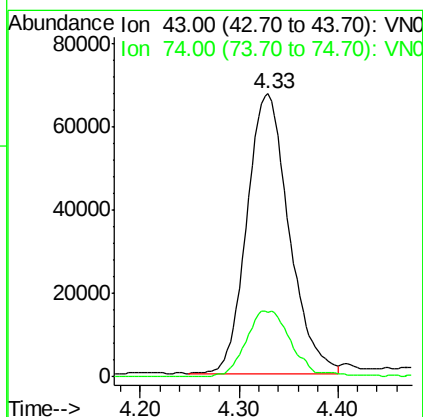
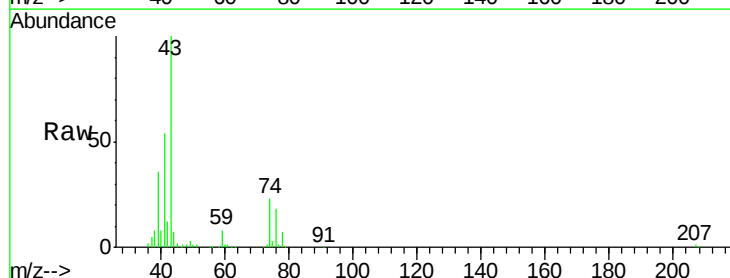
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

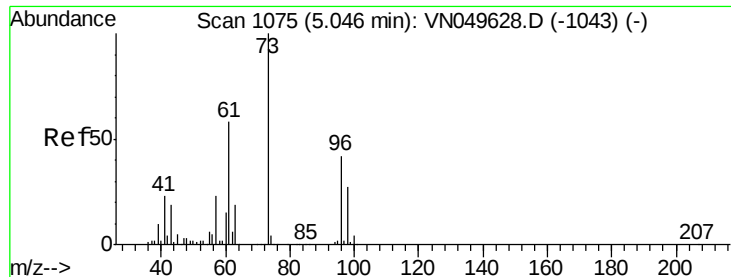
Tgt Ion: 76 Resp: 233185
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7



#18
Methyl Acetate
Concen: 7.703 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion: 43 Resp: 198118
Ion Ratio Lower Upper
43 100
74 24.6 19.8 29.8



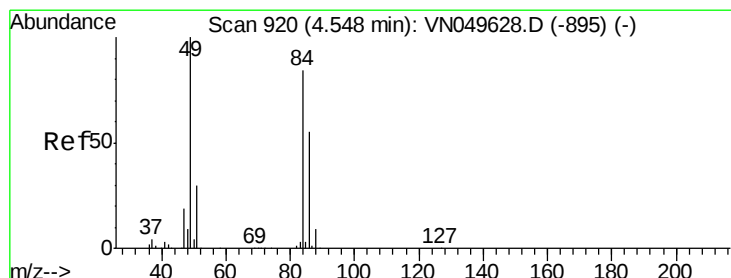
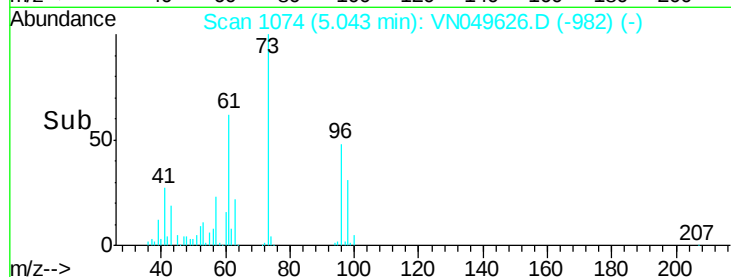
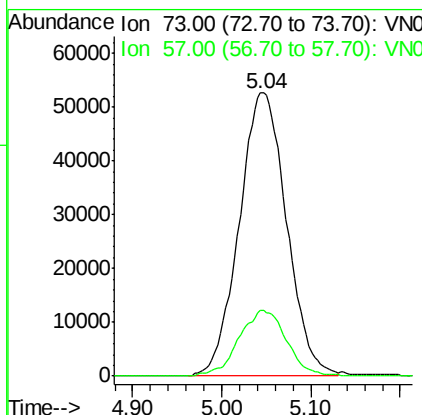
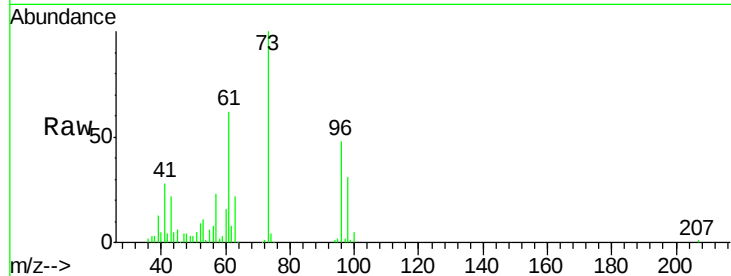


#19

Methyl tert-butyl Ether
 Concen: 4.968 ug/l
 RT: 5.04 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

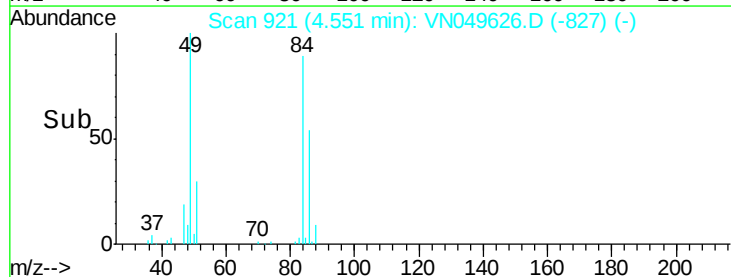
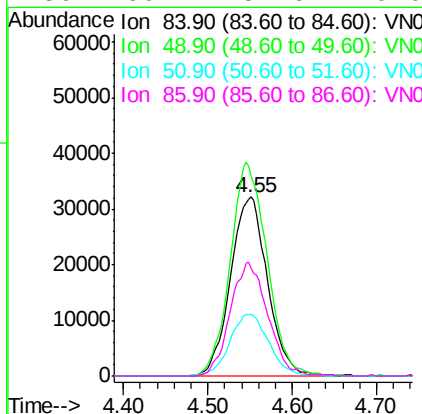
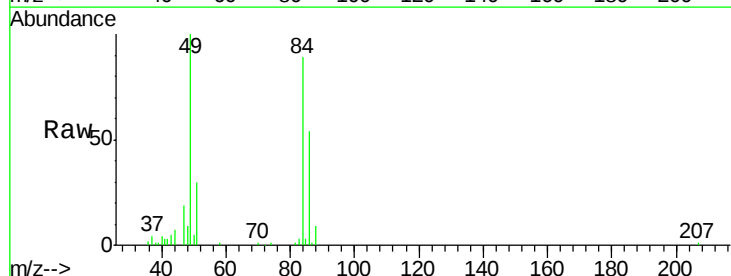
Tgt Ion: 73 Resp: 194403
 Ion Ratio Lower Upper
 73 100
 57 23.3 18.1 27.1

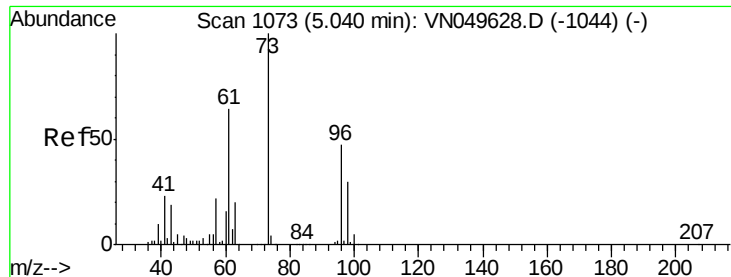


#20

Methylene Chloride
 Concen: 5.587 ug/l
 RT: 4.55 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Tgt Ion: 84 Resp: 98179
 Ion Ratio Lower Upper
 84 100
 49 111.7 95.4 143.2
 51 34.0 28.4 42.6
 86 60.4 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 5.269 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

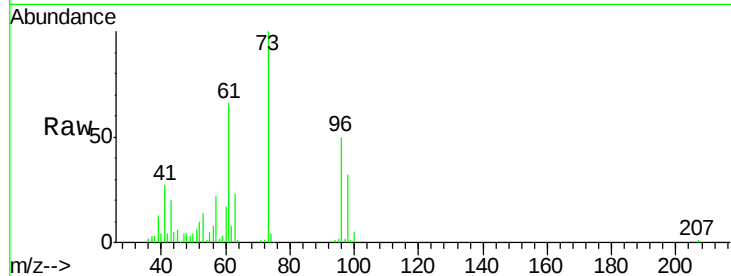
Tgt Ion: 96 Resp: 82312

Ion Ratio Lower Upper

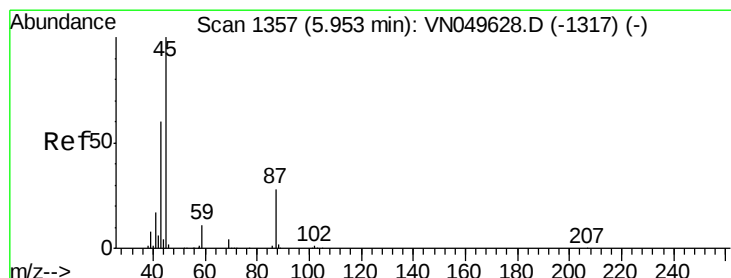
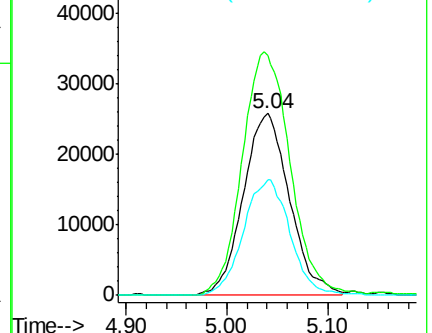
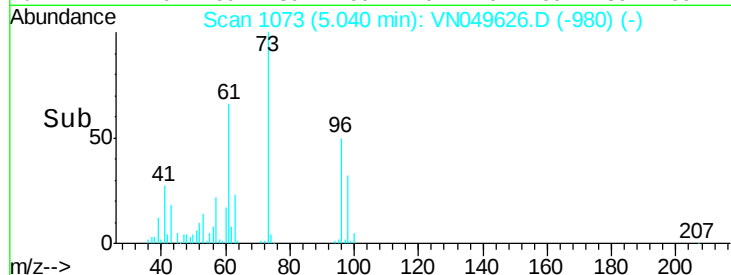
96 100

61 131.8 109.0 163.6

98 63.4 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VN049626.D (-980) (-)



#22

Diisopropyl ether

Concen: 5.049 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Tgt Ion: 45 Resp: 238187

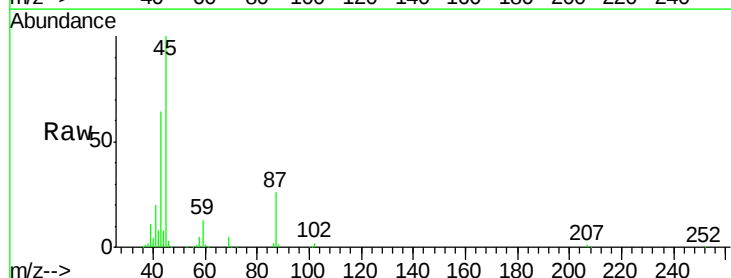
Ion Ratio Lower Upper

45 100

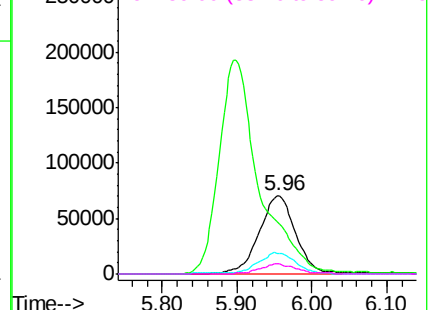
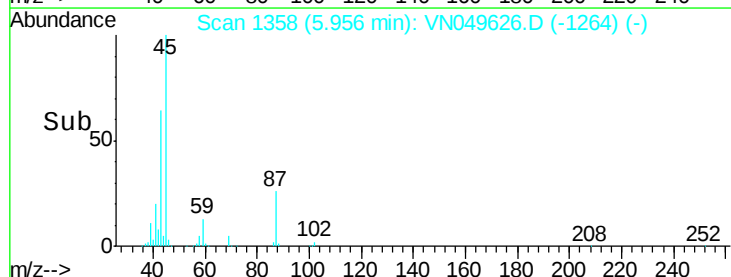
43 61.2 48.1 72.1

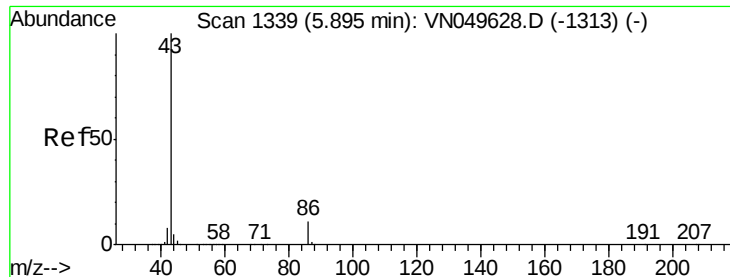
87 25.6 22.6 34.0

59 12.3 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VN049626.D (-1264) (-)

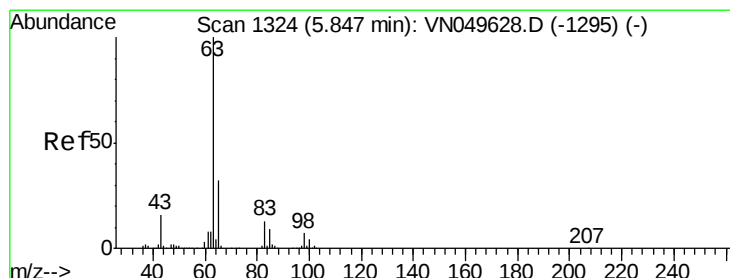
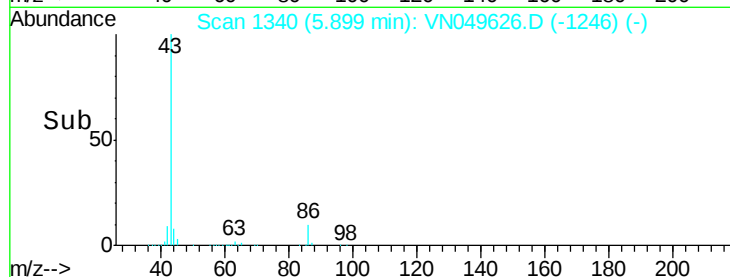
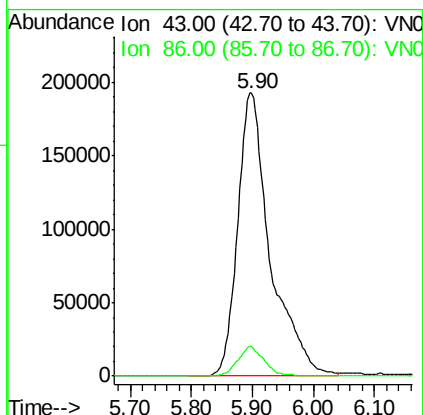
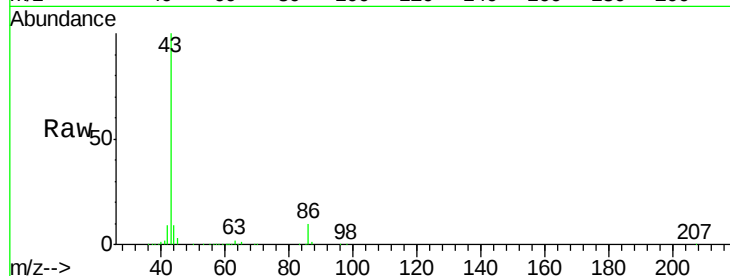




#23
 Vinyl Acetate
 Concen: 23.479 ug/l
 RT: 5.90 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

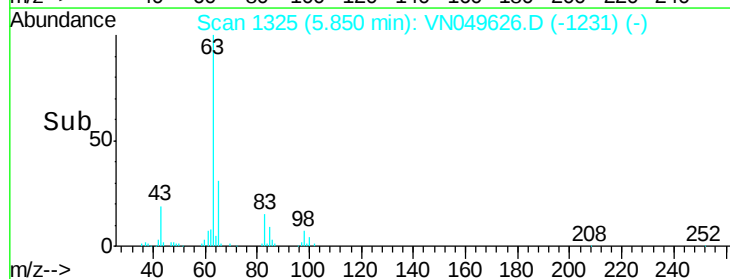
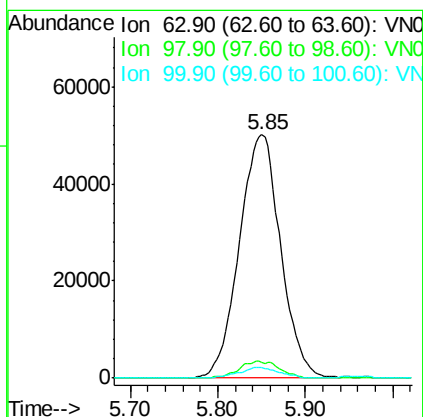
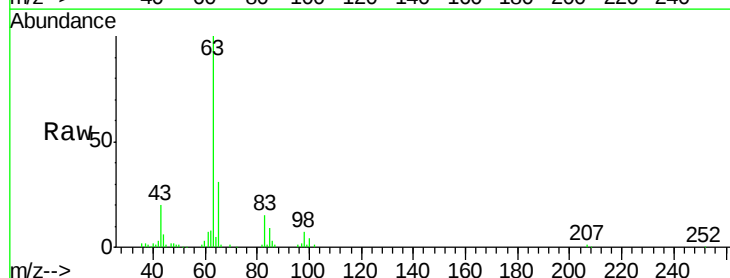
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

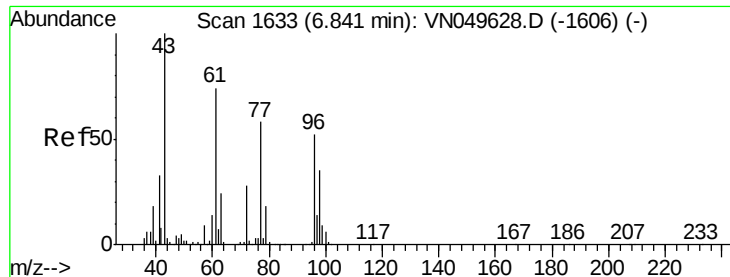
Tgt Ion: 43 Resp: 718231
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 5.524 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Tgt Ion: 63 Resp: 164158
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.2
 100 4.2 2.2 6.6

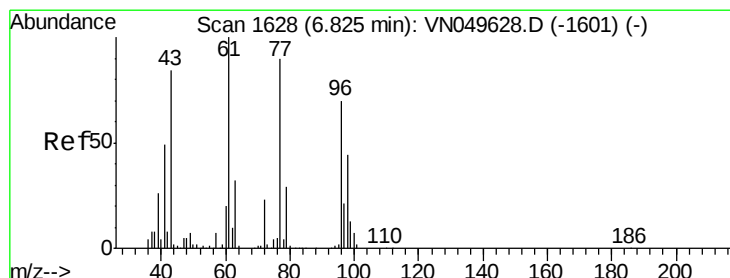
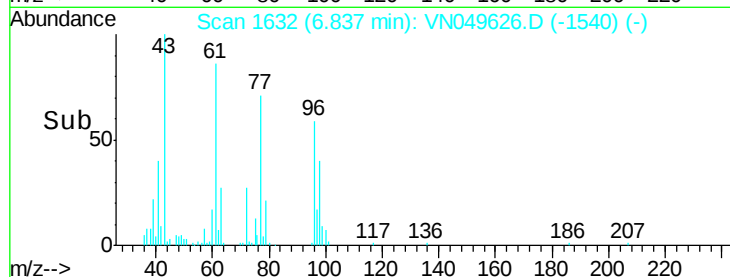
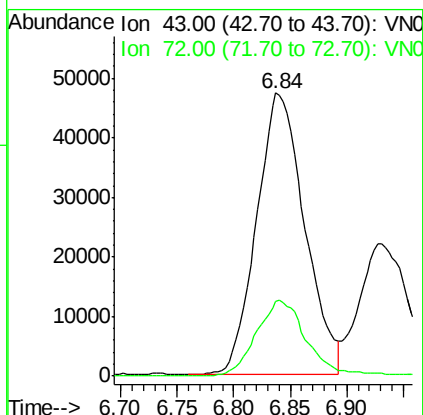
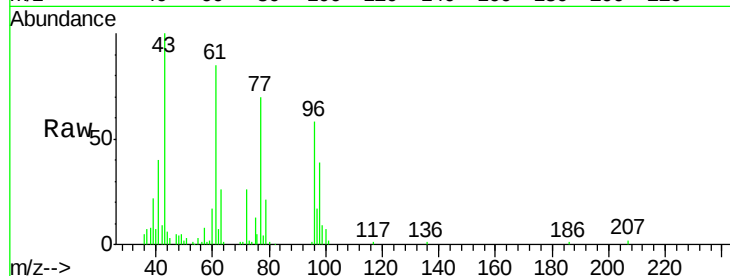




#25
2-Butanone
Concen: 24.678 ug/l
RT: 6.84 min Scan# 1632
Delta R.T. -0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

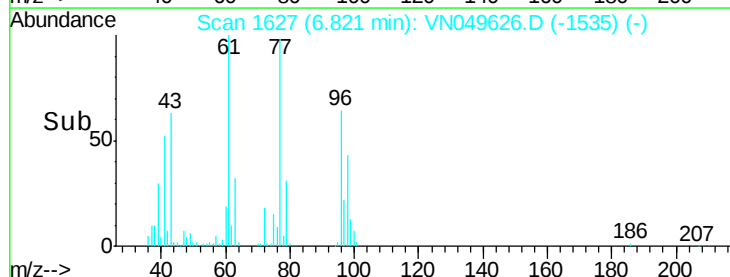
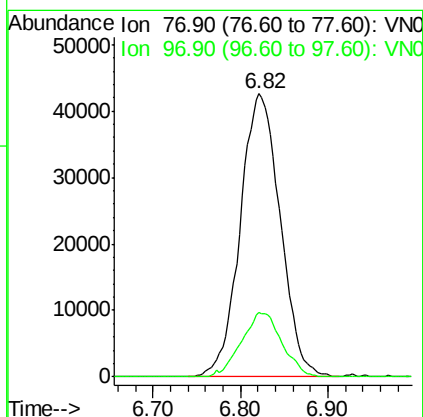
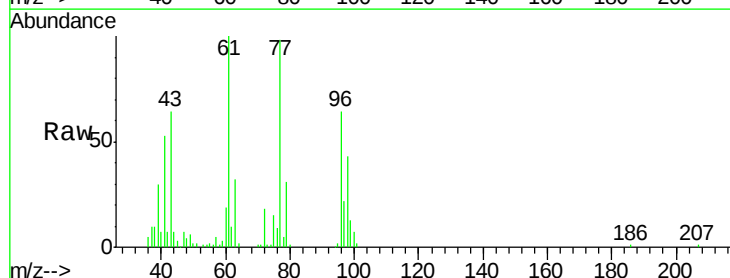
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

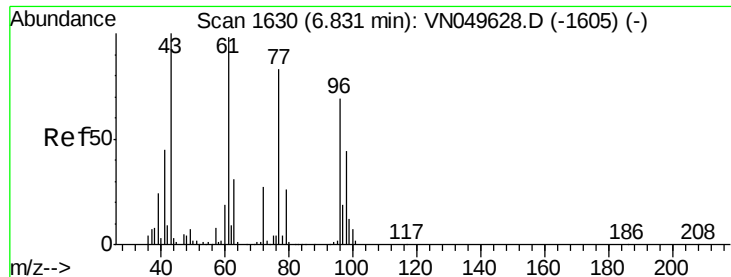
Tgt Ion: 43 Resp: 139817
Ion Ratio Lower Upper
43 100
72 26.5 22.1 33.1



#26
2,2-Dichloropropane
Concen: 5.476 ug/l
RT: 6.82 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion: 77 Resp: 135165
Ion Ratio Lower Upper
77 100
97 22.9 11.9 35.5

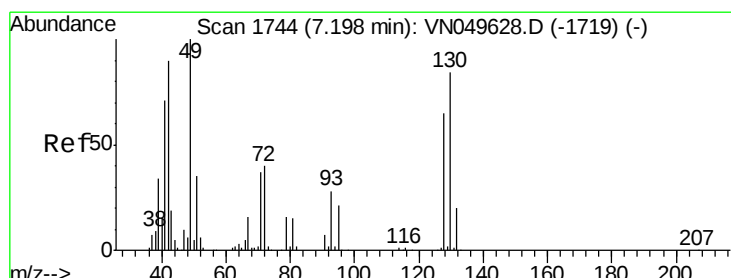
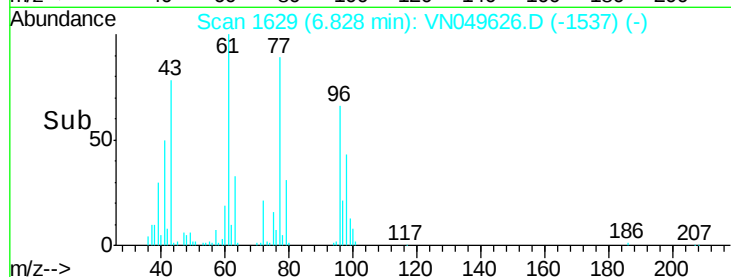
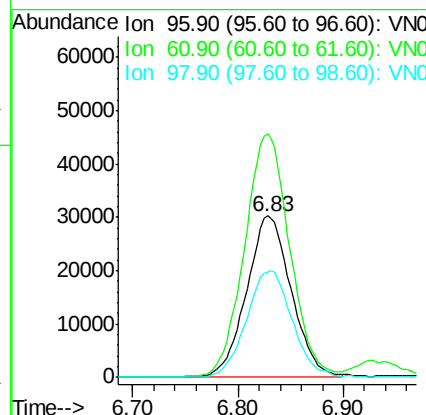
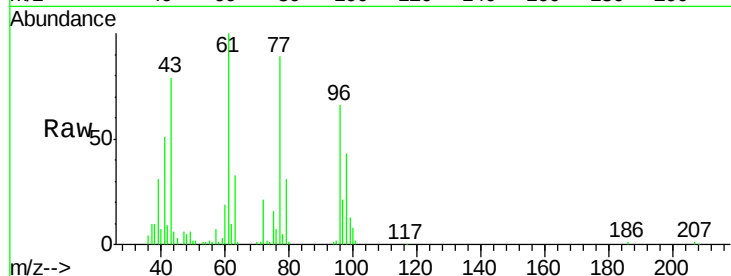




#27
 cis-1,2-Dichloroethene
 Concen: 5.115 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

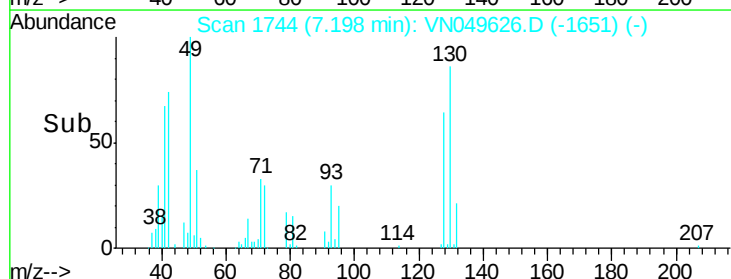
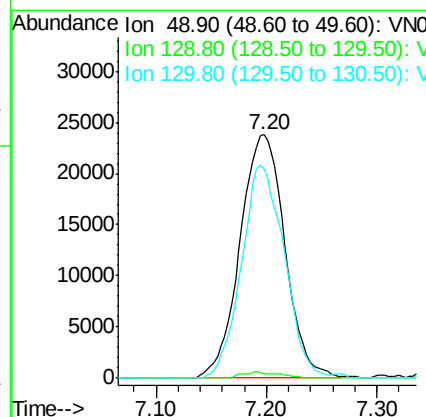
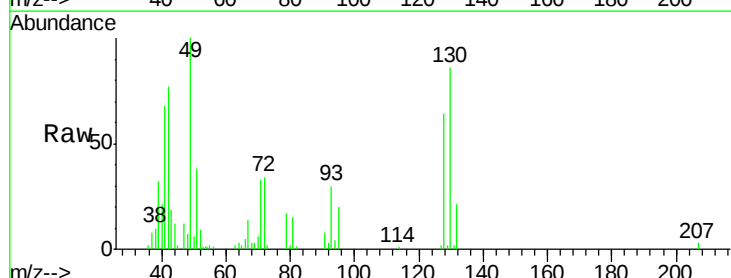
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

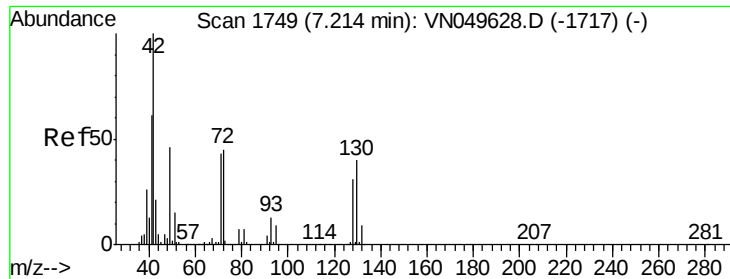
Tgt Ion: 96 Resp: 89262
 Ion Ratio Lower Upper
 96 100
 61 152.3 0.0 289.0
 98 67.3 0.0 130.2



#28
 Bromochloromethane
 Concen: 5.328 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Tgt Ion: 49 Resp: 67199
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 83.4 65.5 98.3





#29

Tetrahydrofuran

Concen: 23.327 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

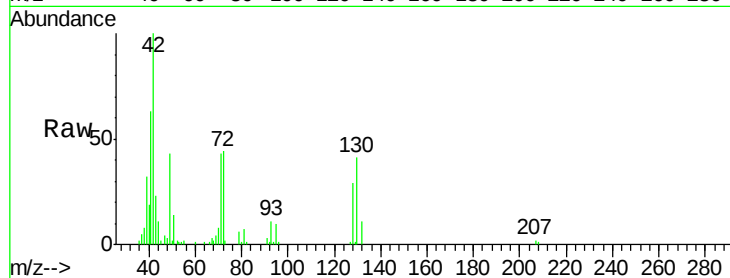
Tgt Ion: 42 Resp: 84238

Ion Ratio Lower Upper

42 100

72 44.9 35.6 53.4

71 42.2 34.0 51.0

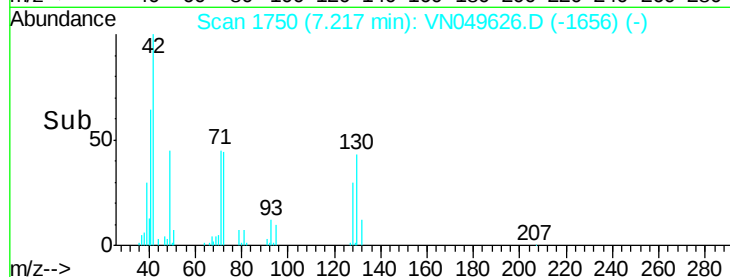


Abundance Ion 42.00 (41.70 to 42.70): VN049628.D (-1717) (-)

Ion 72.00 (71.70 to 72.70): VN049628.D (-1717) (-)

Ion 71.00 (70.70 to 71.70): VN049628.D (-1717) (-)

Time-->



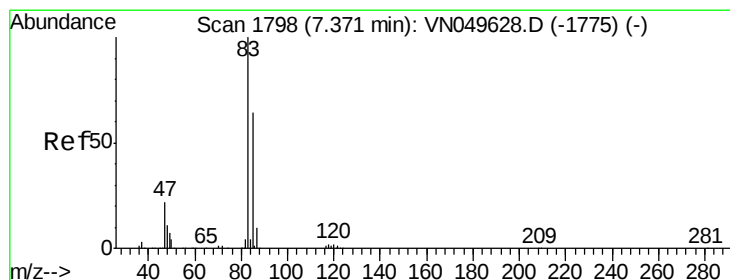
Abundance

Ion 42.00 (41.70 to 42.70): VN049628.D (-1717) (-)

Ion 72.00 (71.70 to 72.70): VN049628.D (-1717) (-)

Ion 71.00 (70.70 to 71.70): VN049628.D (-1717) (-)

Time-->



#30

Chloroform

Concen: 5.546 ug/l

RT: 7.37 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN049626.D

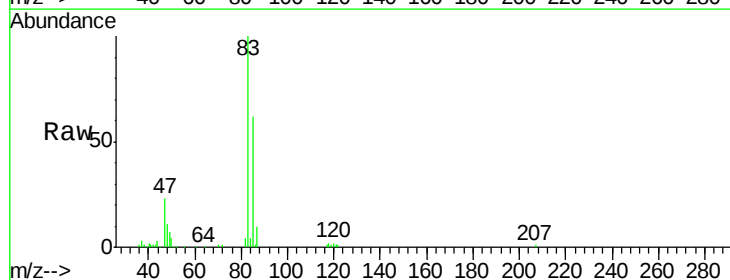
Acq: 29 Jun 2018 11:19

Tgt Ion: 83 Resp: 168013

Ion Ratio Lower Upper

83 100

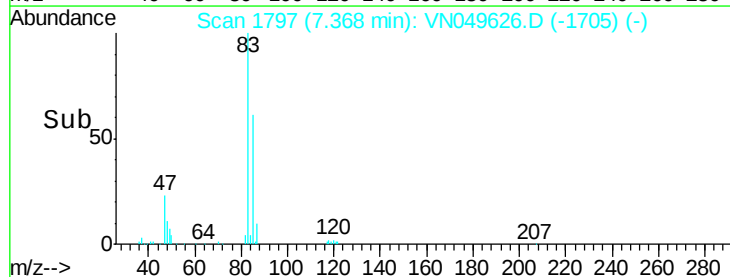
85 61.8 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN049628.D (-1775) (-)

Ion 84.90 (84.60 to 85.60): VN049628.D (-1775) (-)

Time-->

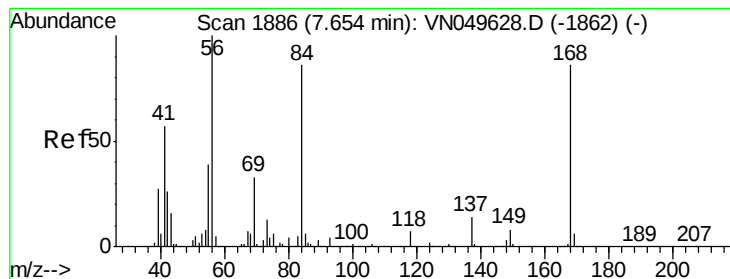


Abundance

Ion 82.90 (82.60 to 83.60): VN049628.D (-1775) (-)

Ion 84.90 (84.60 to 85.60): VN049628.D (-1775) (-)

Time-->



#31

Cyclohexane

Concen: 5.066 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

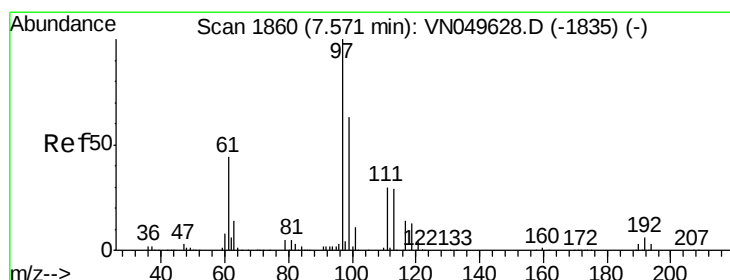
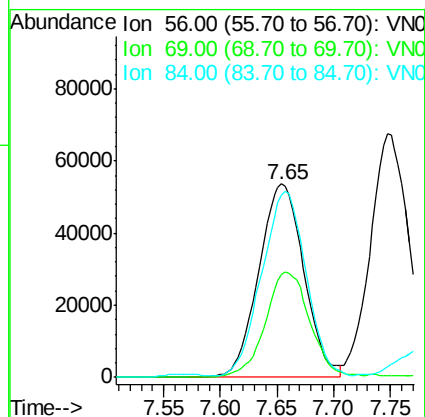
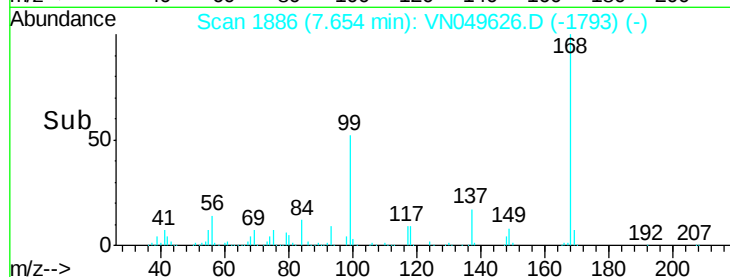
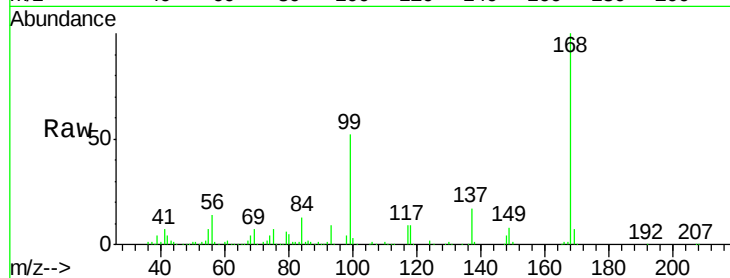
Tgt Ion: 56 Resp: 148253

Ion Ratio Lower Upper

56 100

69 53.0 26.6 40.0#

84 93.0 69.0 103.6



#32

1,1,1-Trichloroethane

Concen: 5.473 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

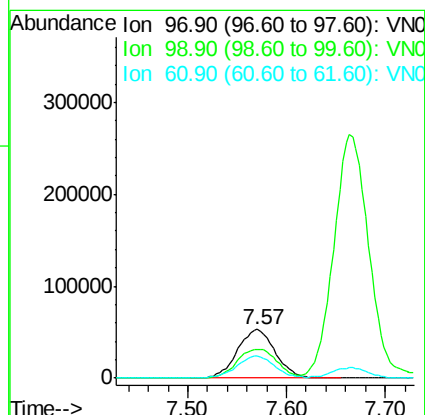
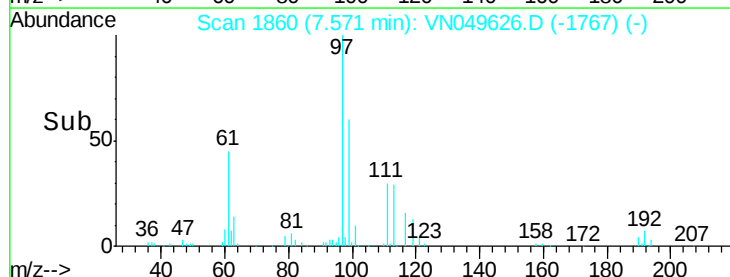
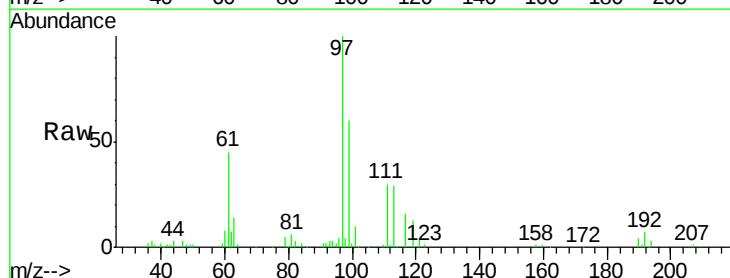
Tgt Ion: 97 Resp: 140368

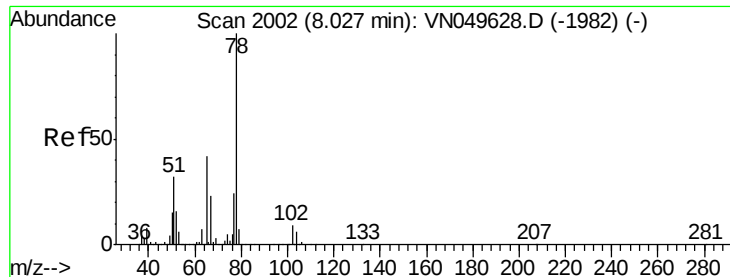
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

61 45.3 35.5 53.3

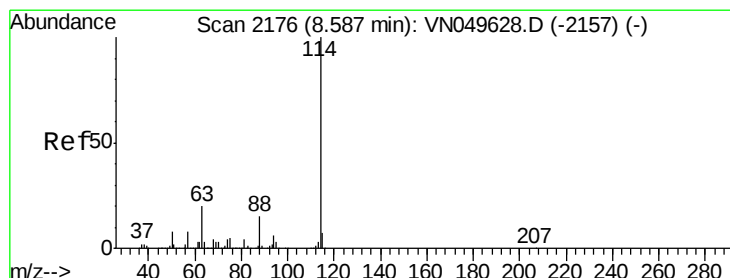
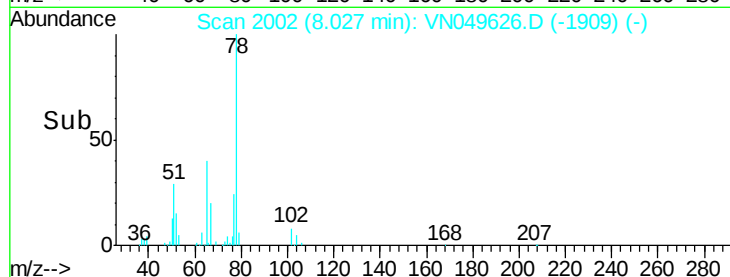
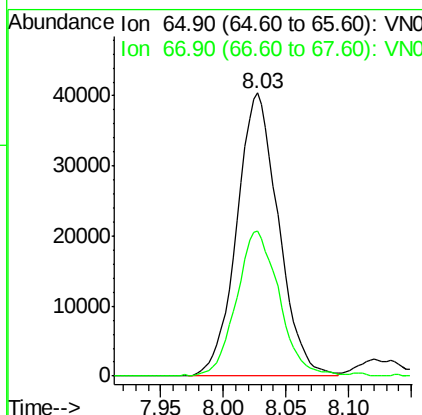
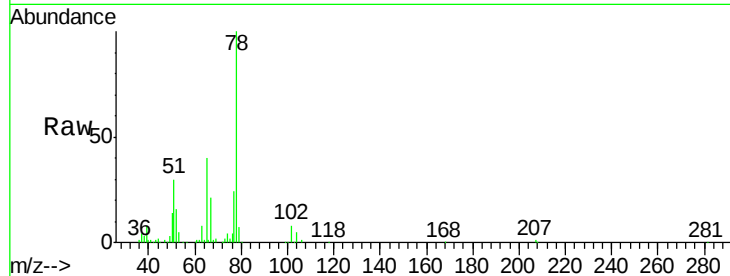




#33
 1,2-Dichloroethane-d4
 Concen: 5.476 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

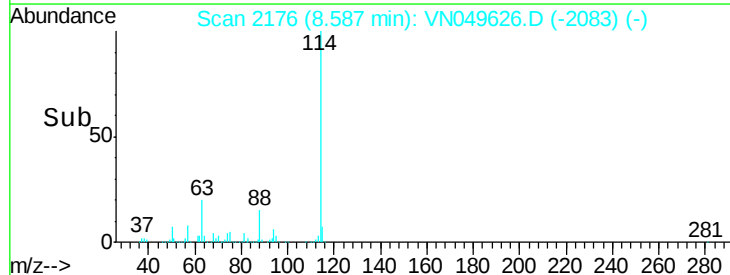
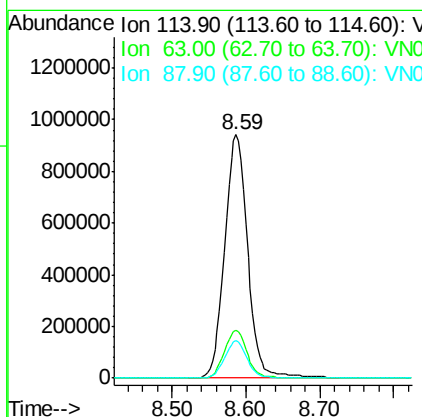
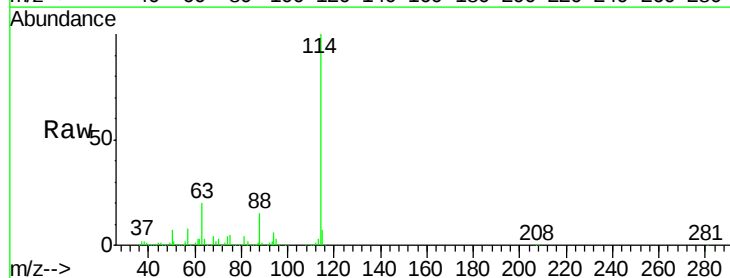
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

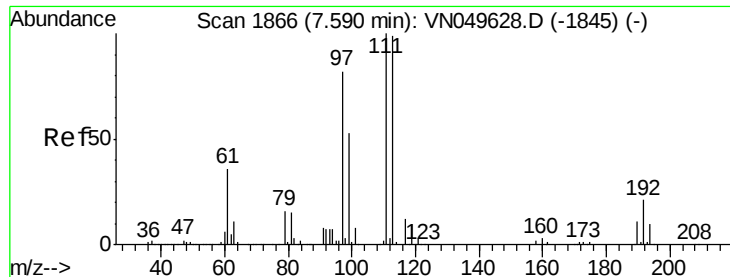
Tgt Ion: 65 Resp: 93452
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Tgt Ion: 114 Resp: 2043806
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.5 0.0 30.6

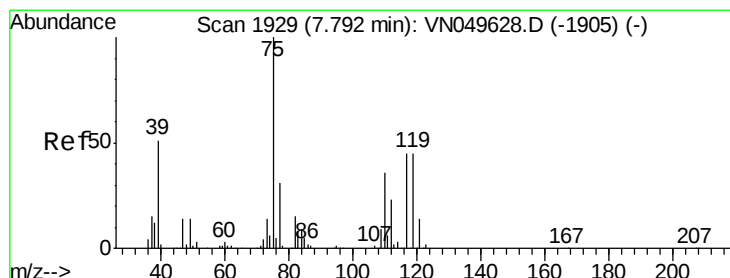
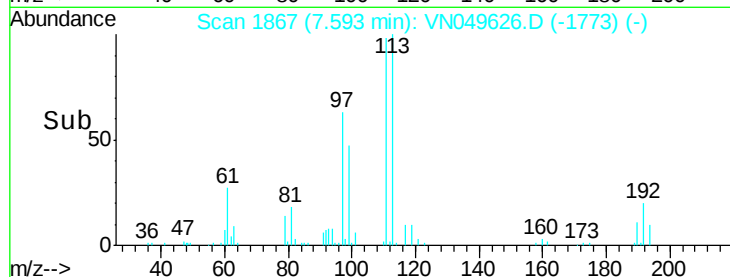
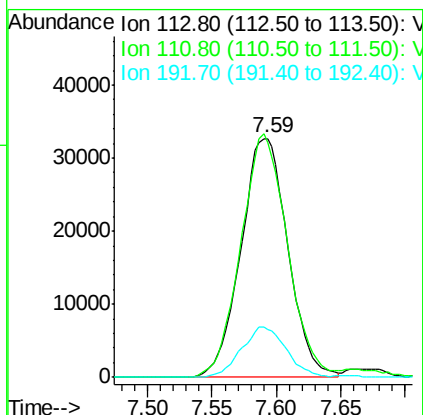
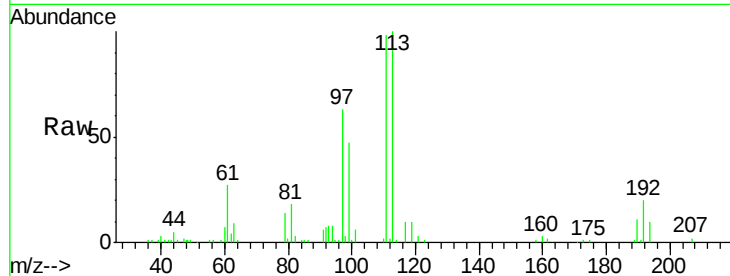




#35
 Dibromofluoromethane
 Concen: 5.434 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

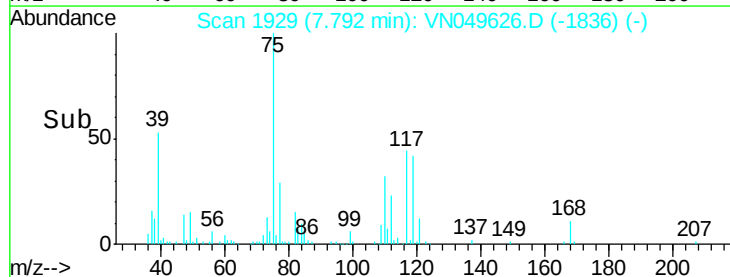
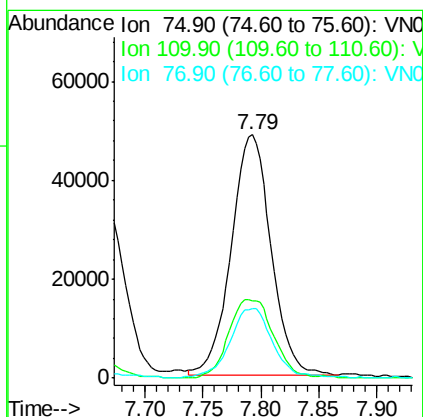
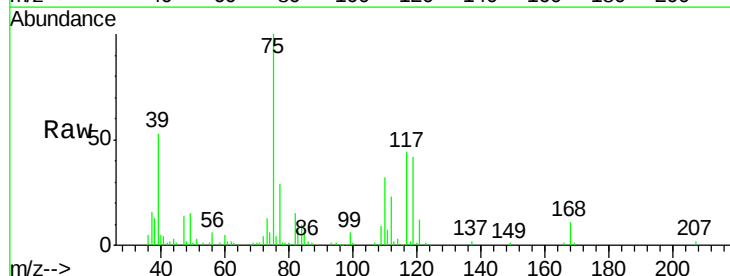
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

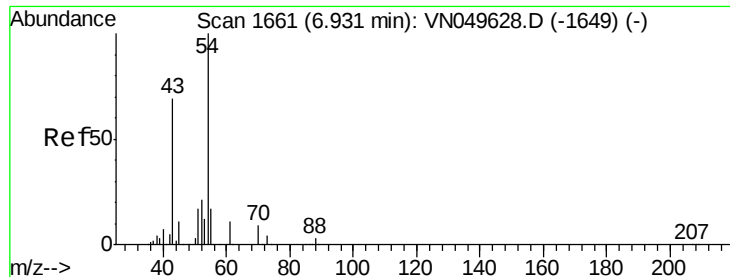
Tgt Ion:113 Resp: 83029
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.8 122.8
 192 20.1 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 5.025 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Tgt Ion: 75 Resp: 115545
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.1 54.4
 77 31.6 24.9 37.3

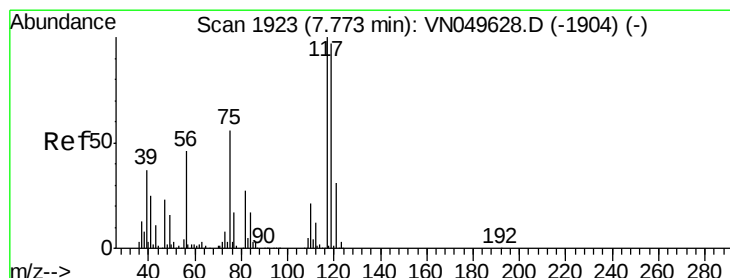
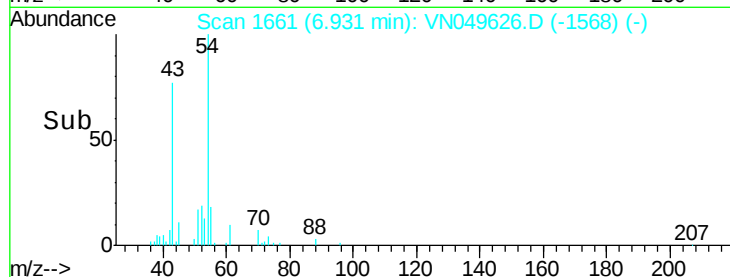
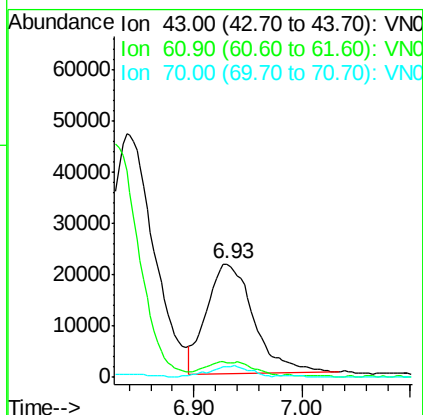
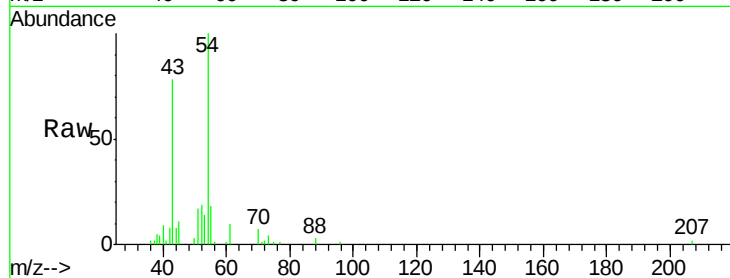




#37
Ethyl Acetate
Concen: 4.902 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

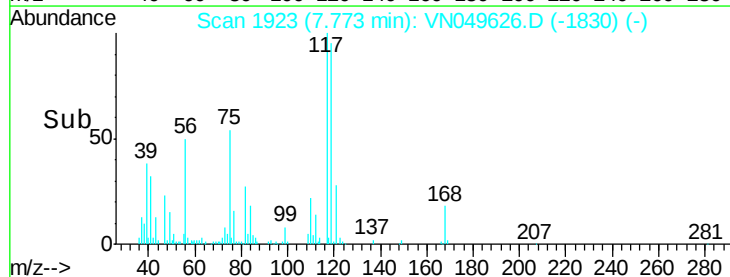
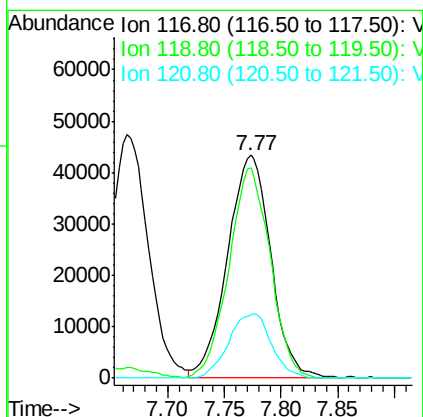
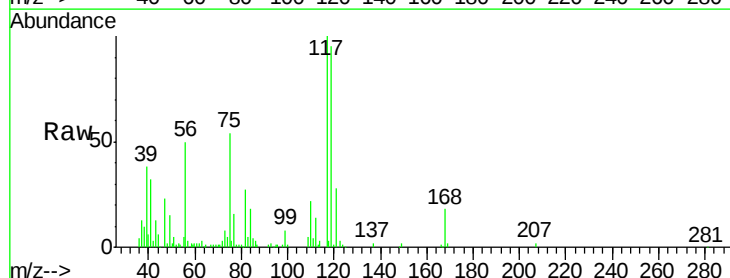
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

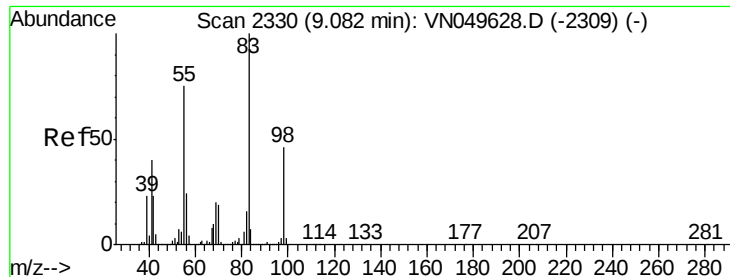
Tgt Ion: 43 Resp: 65747
Ion Ratio Lower Upper
43 100
61 0.0 11.7 17.5#
70 9.1 8.4 12.6



#38
Carbon Tetrachloride
Concen: 5.132 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion: 117 Resp: 114792
Ion Ratio Lower Upper
117 100
119 95.1 77.2 115.8
121 28.3 25.0 37.6

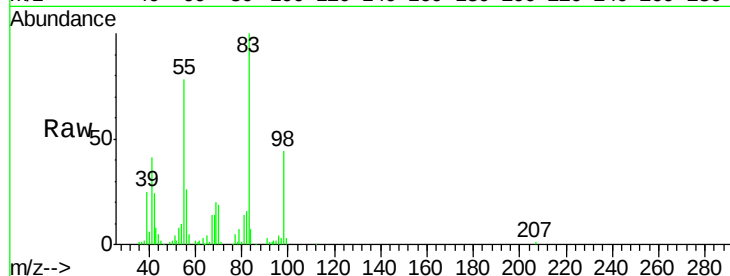




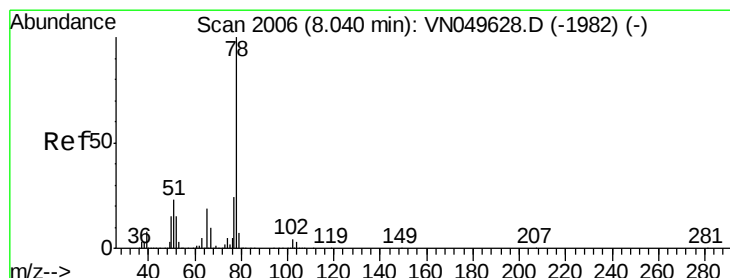
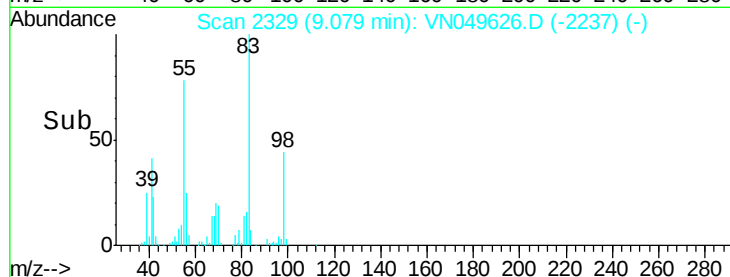
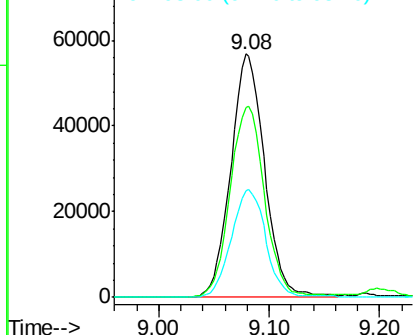
#39
Methylcyclohexane
Concen: 4.797 ug/l
RT: 9.08 min Scan# 2329
Delta R.T. -0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 120943
Ion Ratio Lower Upper
83 100
55 78.0 59.7 89.5
98 43.9 36.5 54.7

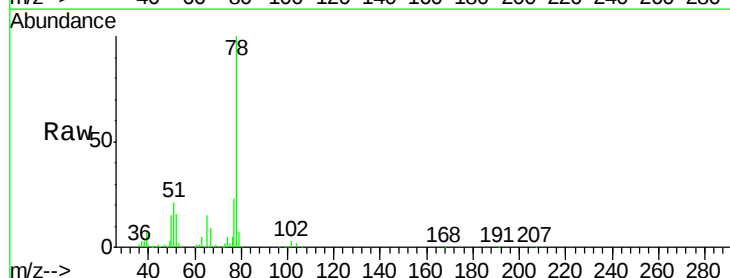


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

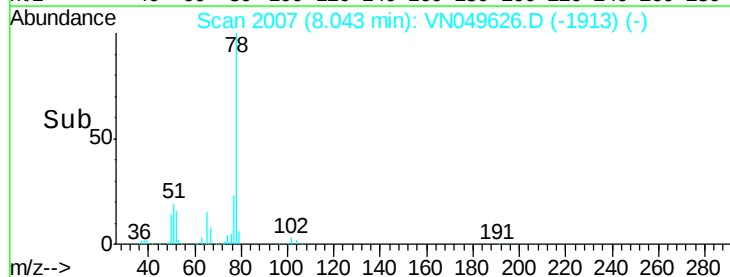
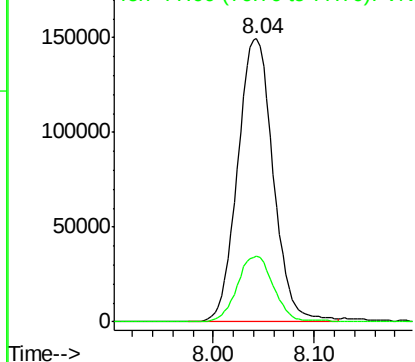


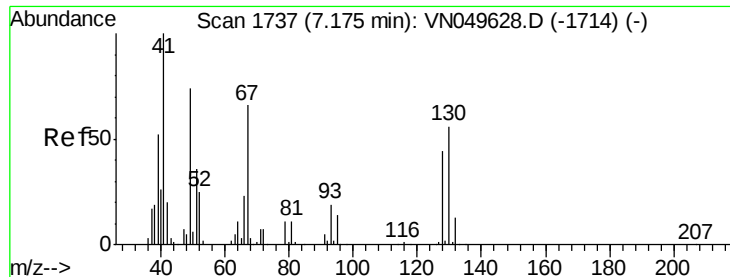
#40
Benzene
Concen: 5.207 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion: 78 Resp: 365584
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4



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

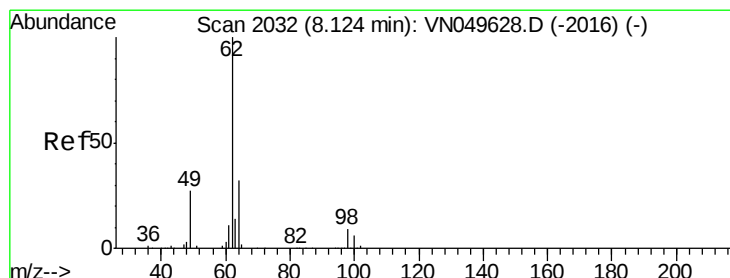
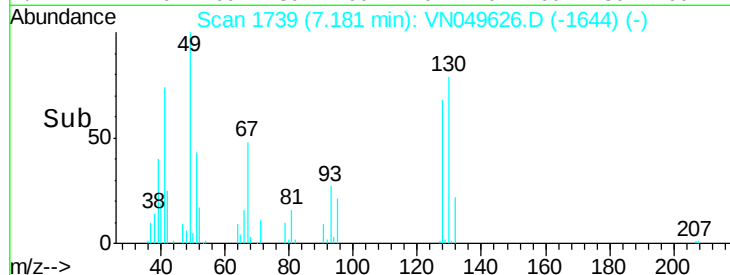
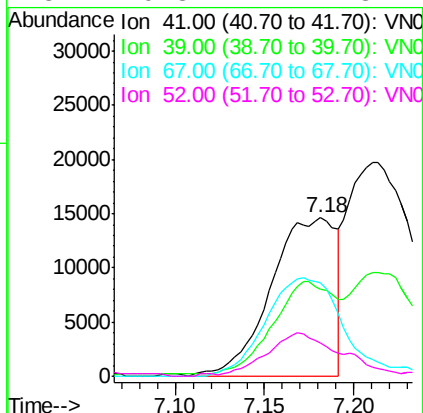
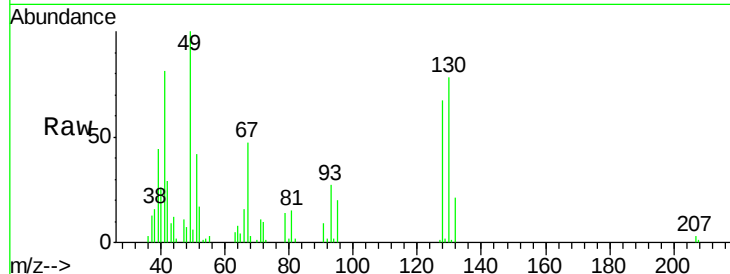




#41
Methacrylonitrile
Concen: 5.190 ug/l
RT: 7.18 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

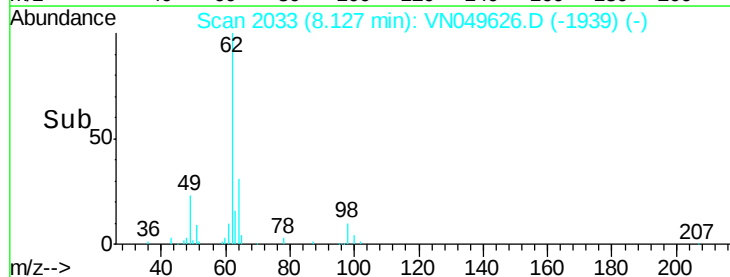
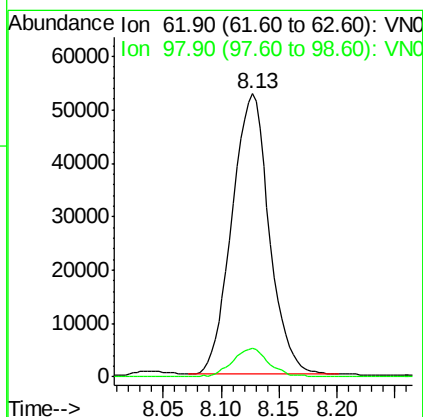
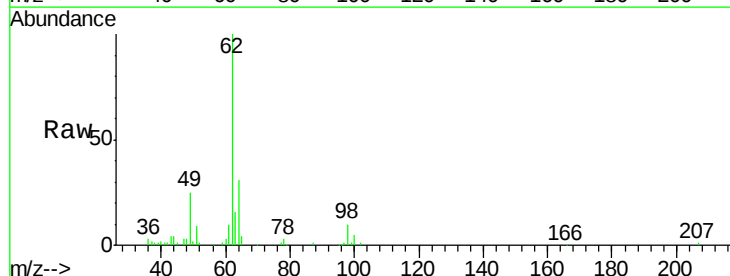
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

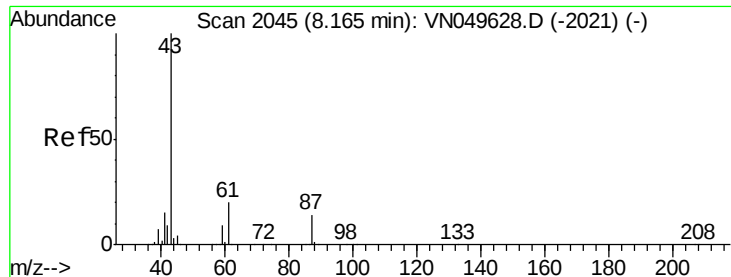
Tgt Ion:	41	Resp:	37154
Ion	Ratio	Lower	Upper
41	100		
39	53.9	45.4	68.2
67	76.5	65.4	98.0
52	29.3	24.7	37.1



#42
1,2-Dichloroethane
Concen: 5.226 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion:	62	Resp:	117103
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.0





#43

Isopropyl Acetate

Concen: 5.219 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

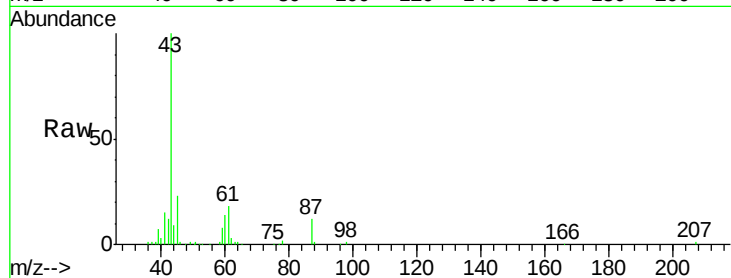
Tgt Ion: 43 Resp: 165394

Ion Ratio Lower Upper

43 100

61 12.3 14.9 22.3#

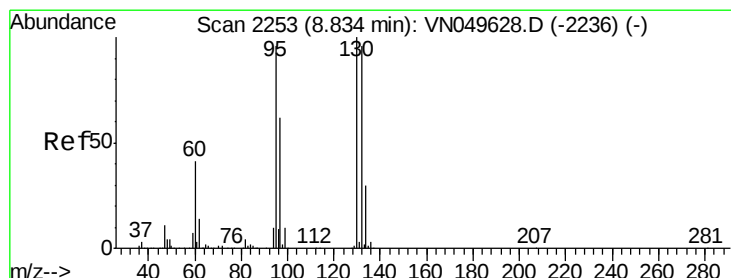
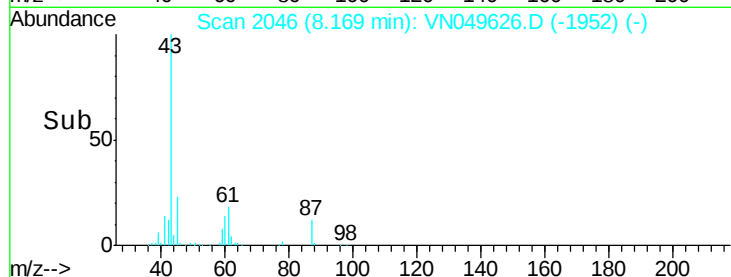
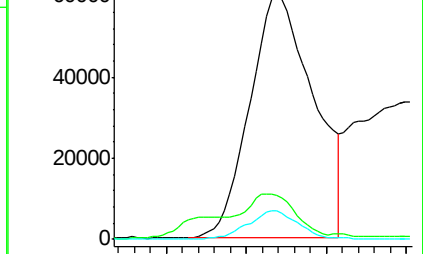
87 9.3 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VN049626.D (-1952) (-)

Ion 61.00 (60.70 to 61.70): VN049626.D (-1952) (-)

Ion 87.00 (86.70 to 87.70): VN049626.D (-1952) (-)



#44

Trichloroethene

Concen: 5.308 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049626.D

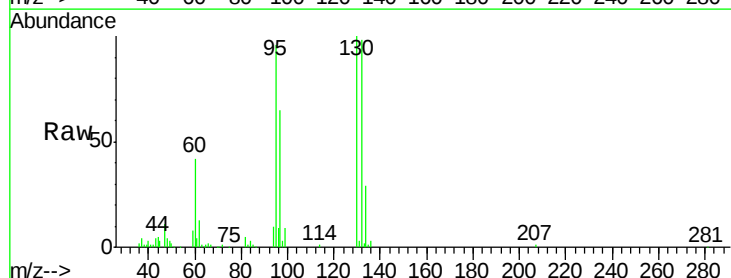
Acq: 29 Jun 2018 11:19

Tgt Ion: 130 Resp: 112397

Ion Ratio Lower Upper

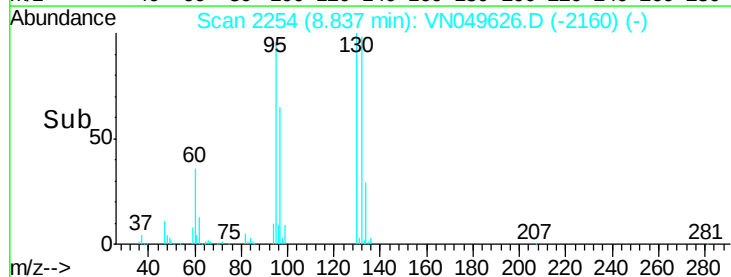
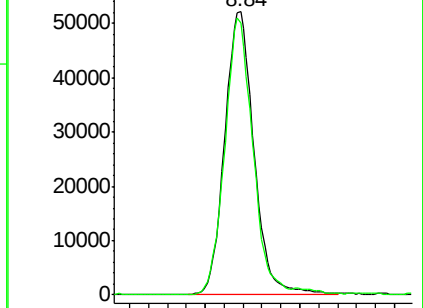
130 100

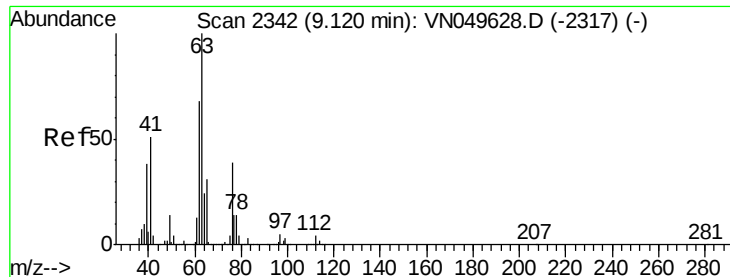
95 95.5 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VN049626.D (-2160) (-)

Ion 94.90 (94.60 to 95.60): VN049626.D (-2160) (-)

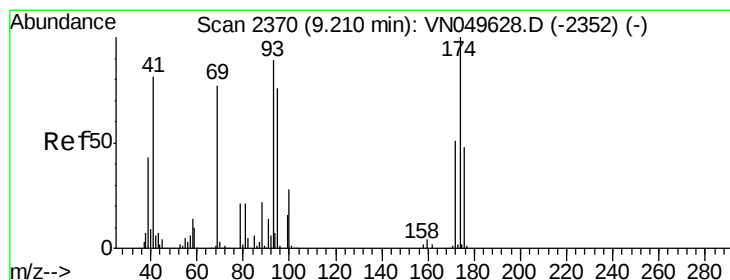
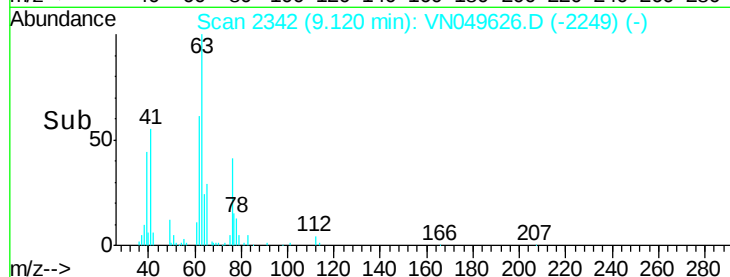
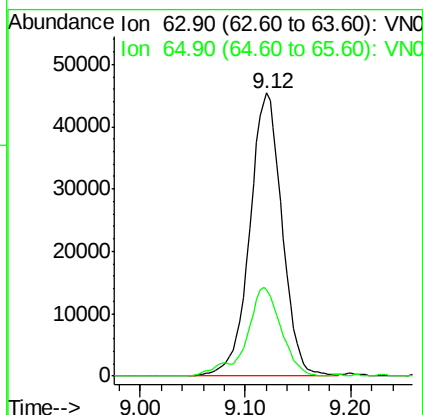
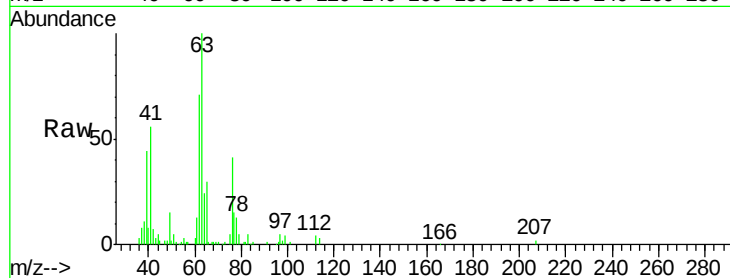




#45
 1,2-Dichloropropane
 Concen: 5.346 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

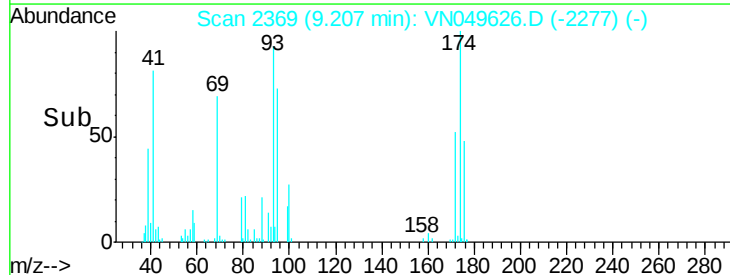
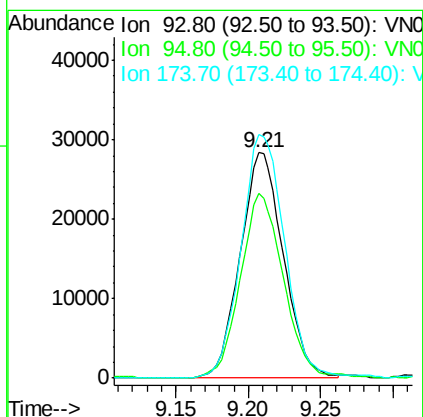
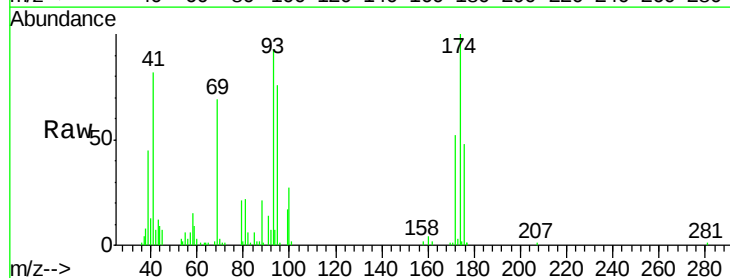
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

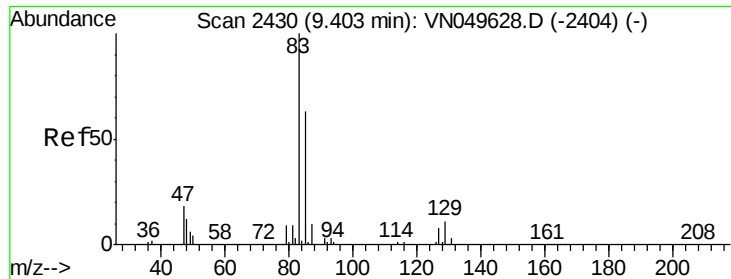
Tgt Ion: 63 Resp: 96975
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.7 37.1



#46
 Dibromomethane
 Concen: 5.355 ug/l
 RT: 9.21 min Scan# 2369
 Delta R.T. -0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Tgt Ion: 93 Resp: 58766
 Ion Ratio Lower Upper
 93 100
 95 81.6 67.9 101.9
 174 108.7 89.4 134.0





#47

Bromodichloromethane

Concen: 5.178 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

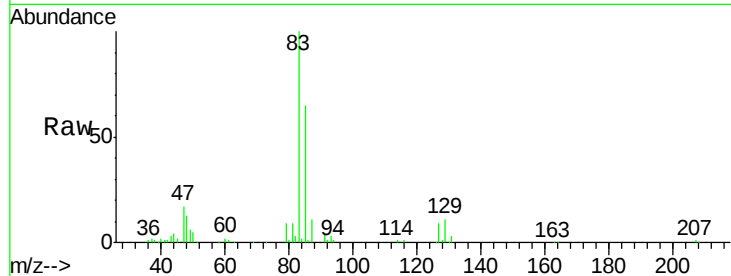
Tgt Ion: 83 Resp: 120966

Ion Ratio Lower Upper

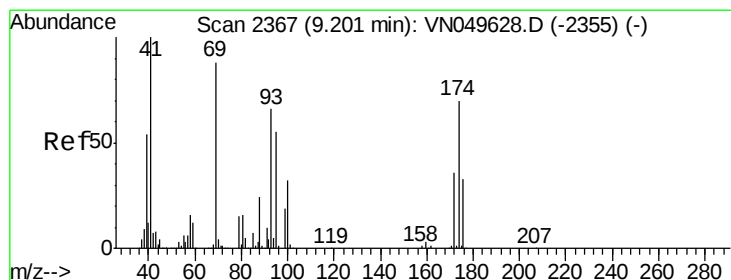
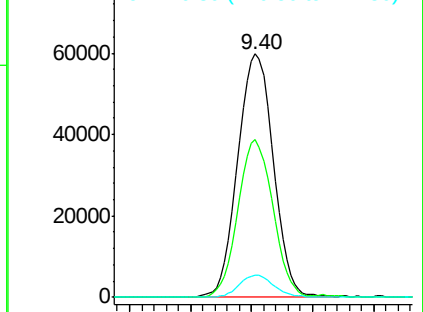
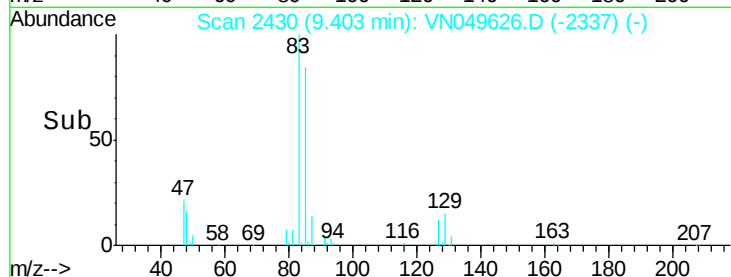
83 100

85 64.6 50.5 75.7

127 9.3 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN049626.D (-2337) (-)



#48

Methyl methacrylate

Concen: 4.554 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

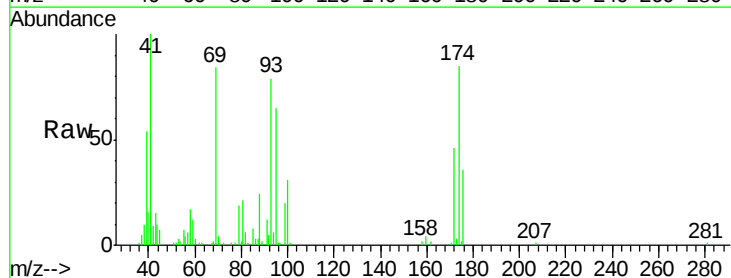
Tgt Ion: 41 Resp: 54278

Ion Ratio Lower Upper

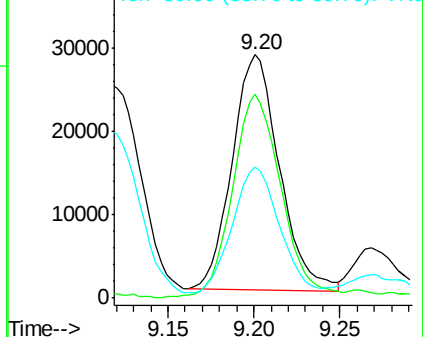
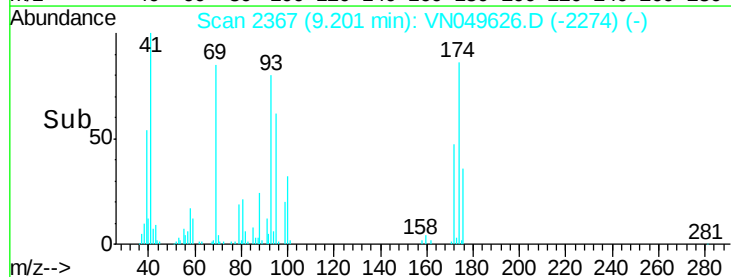
41 100

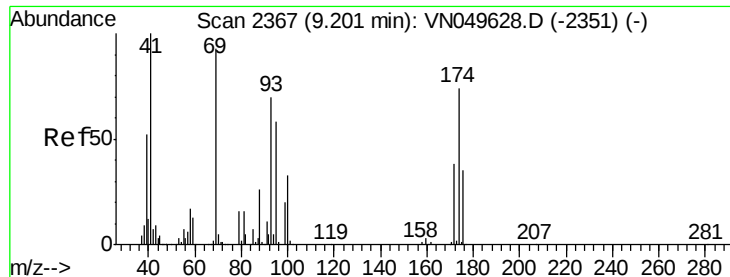
69 89.1 71.5 107.3

39 54.6 44.7 67.1



Abundance Ion 41.00 (40.70 to 41.70): VN049626.D (-2274) (-)

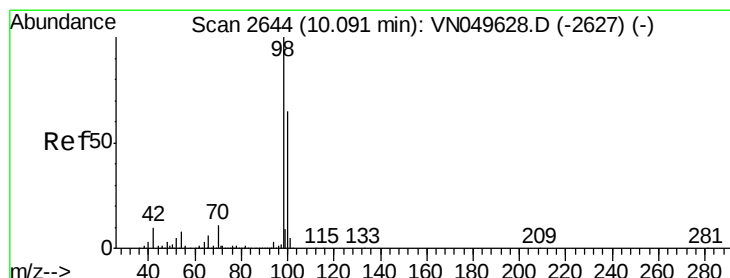
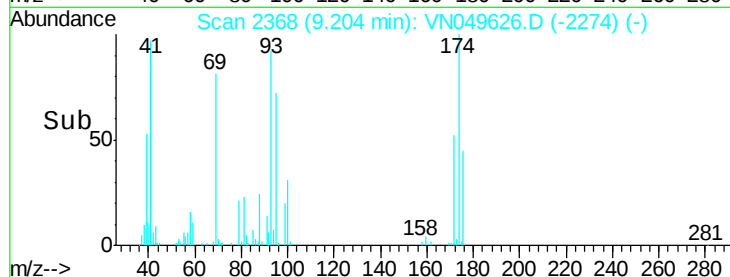
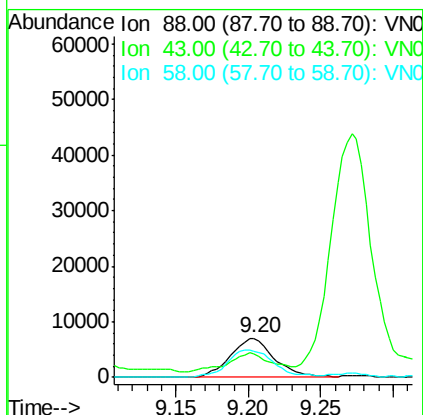
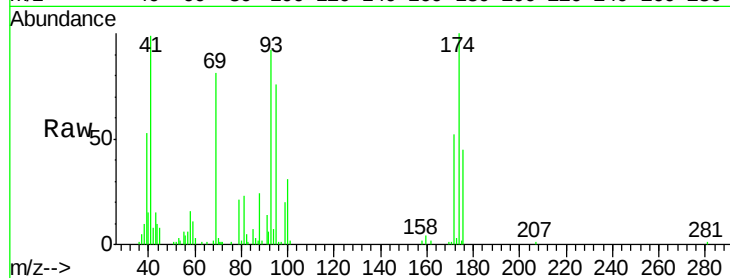




#49
1,4-Dioxane
Concen: 92.670 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

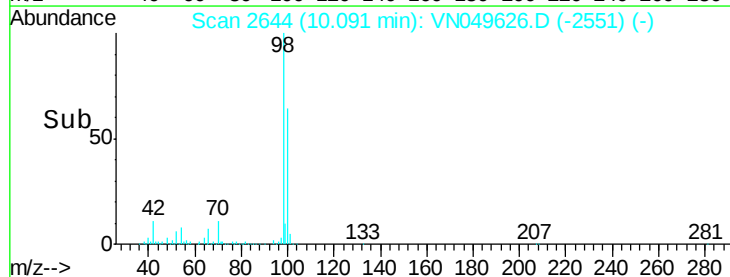
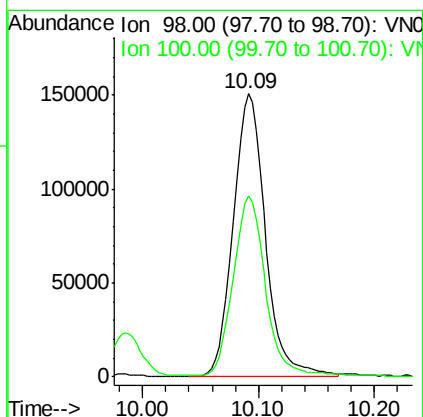
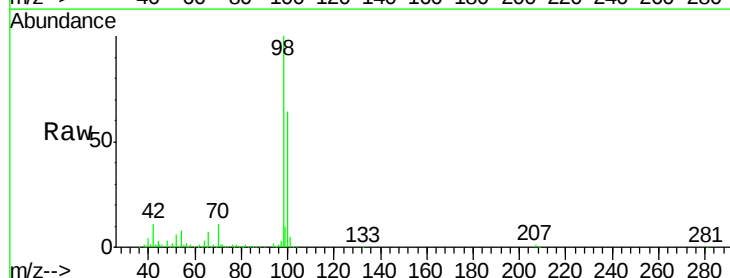
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

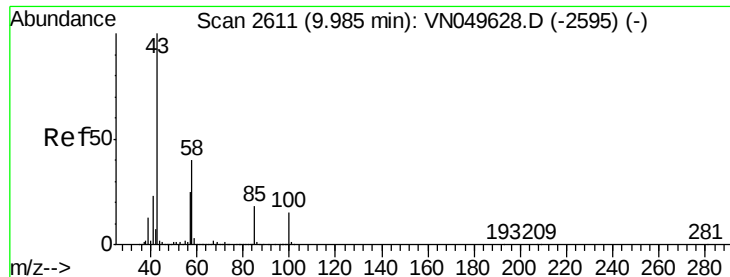
Tgt Ion: 88 Resp: 14848
Ion Ratio Lower Upper
88 100
43 47.3 25.1 37.7#
58 73.9 52.5 78.7



#50
Toluene-d8
Concen: 4.844 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion: 98 Resp: 289720
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5

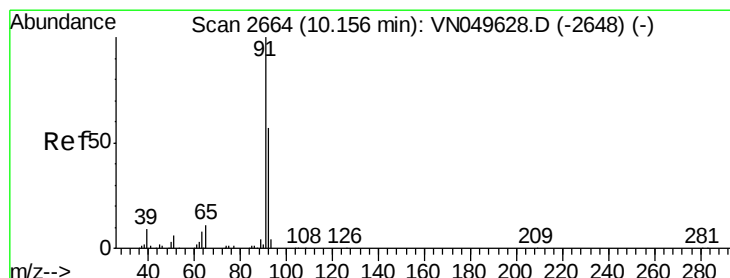
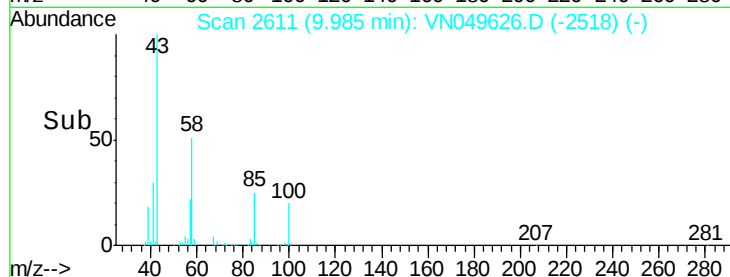
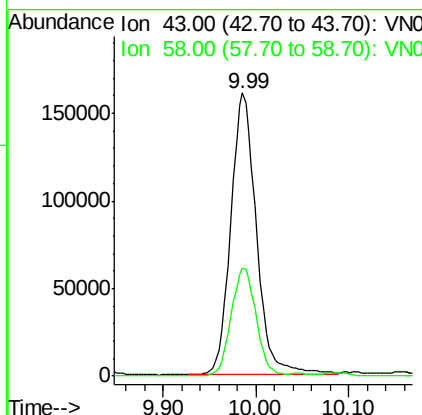
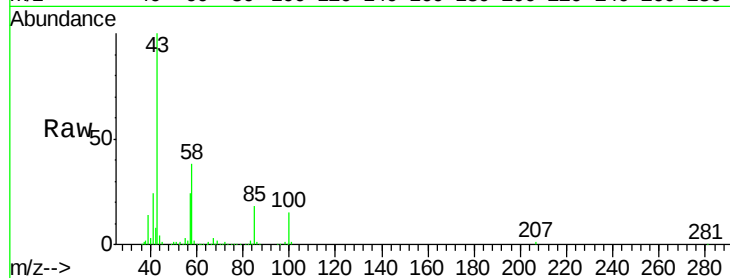




#51
 4-Methyl-2-Pentanone
 Concen: 23.454 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

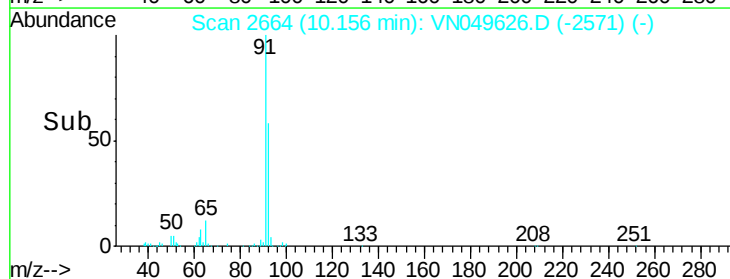
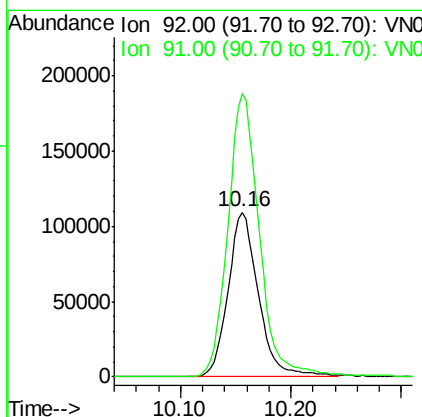
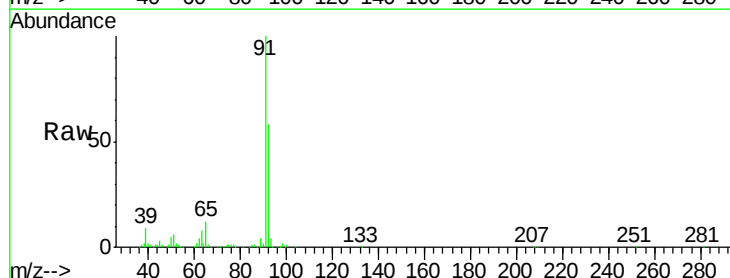
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

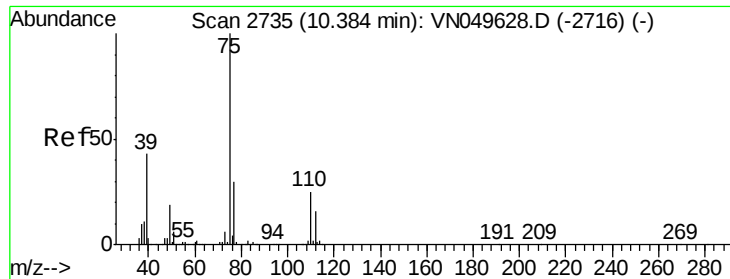
Tgt Ion: 43 Resp: 308407
 Ion Ratio Lower Upper
 43 100
 58 37.4 31.8 47.8



#52
 Toluene
 Concen: 4.931 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Tgt Ion: 92 Resp: 209150
 Ion Ratio Lower Upper
 92 100
 91 178.3 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 4.640 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

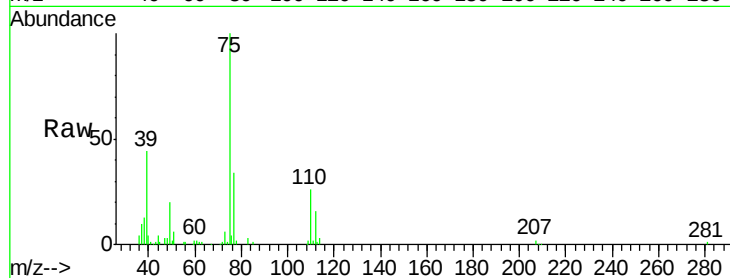
VSTDIC005

Tgt Ion: 75 Resp: 103793

Ion Ratio Lower Upper

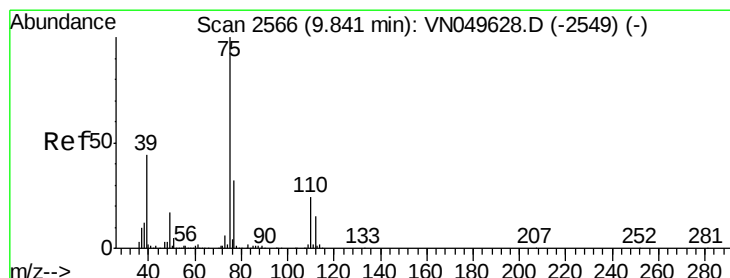
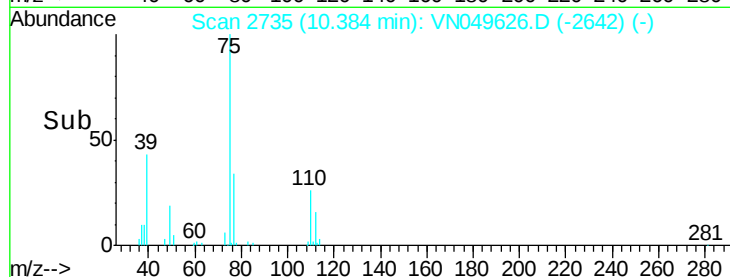
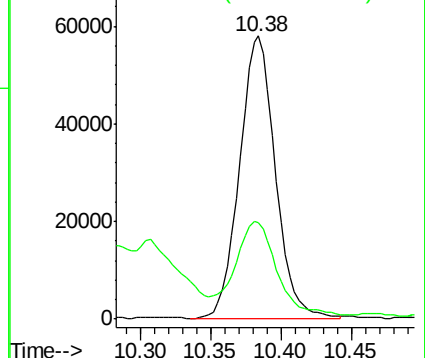
75 100

77 32.4 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 4.706 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

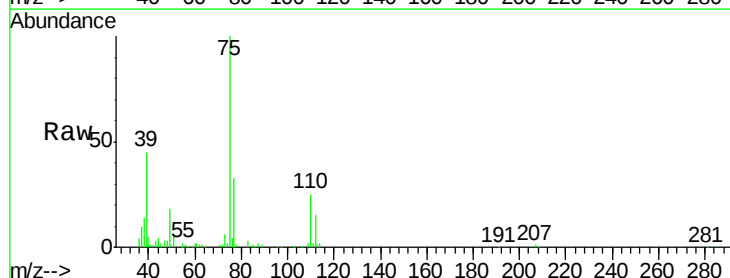
Tgt Ion: 75 Resp: 123040

Ion Ratio Lower Upper

75 100

77 33.5 25.3 37.9

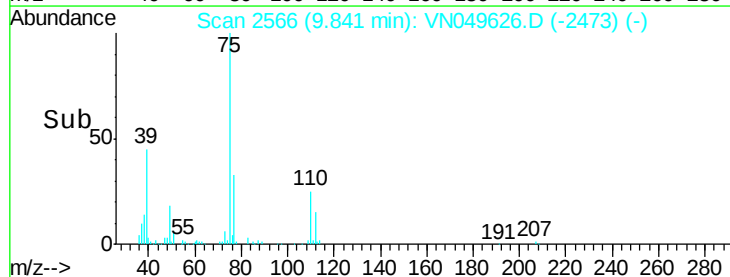
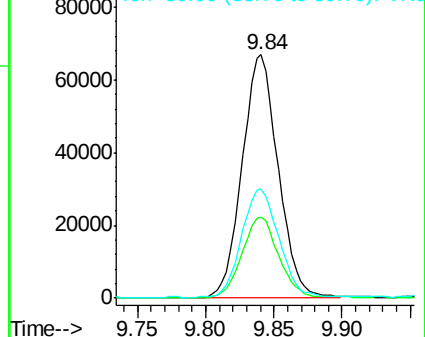
39 44.3 35.5 53.3

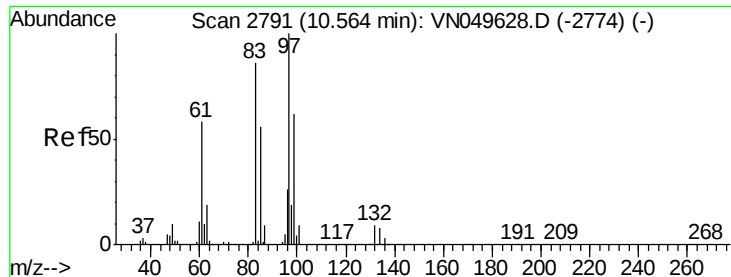


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

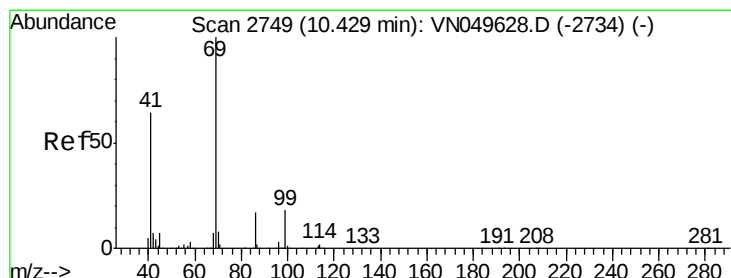
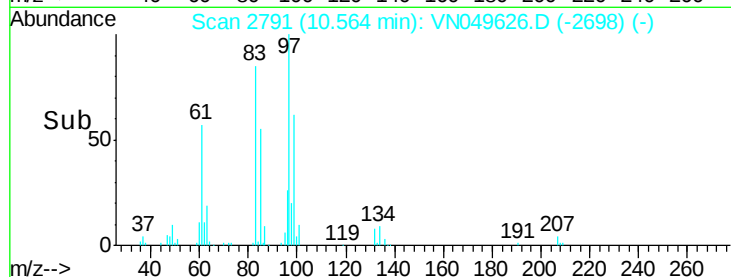
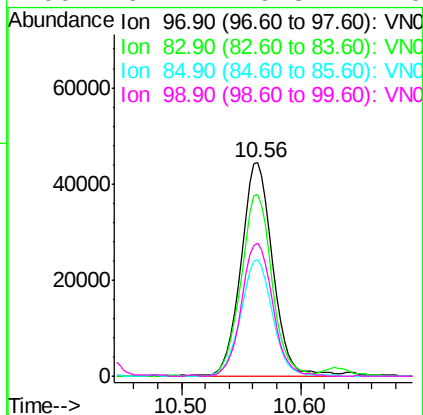
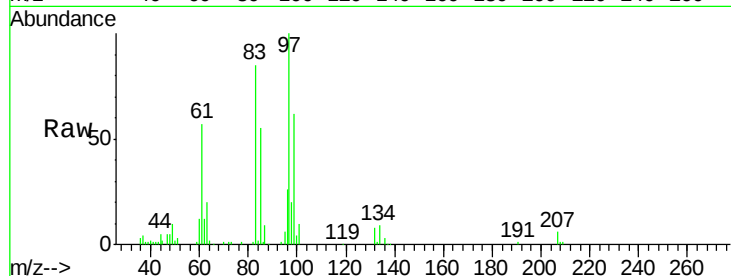




#55
 1,1,2-Trichloroethane
 Concen: 5.193 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

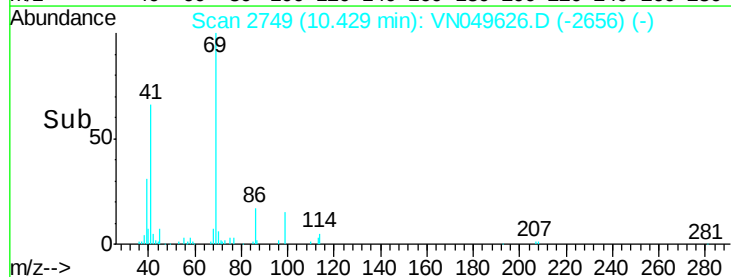
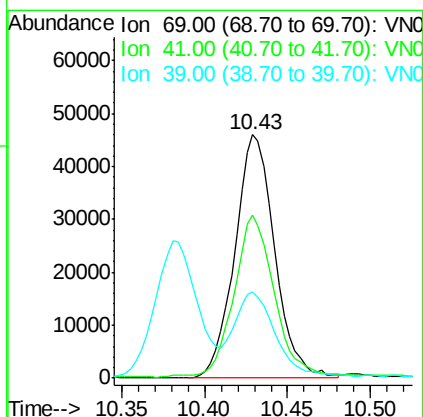
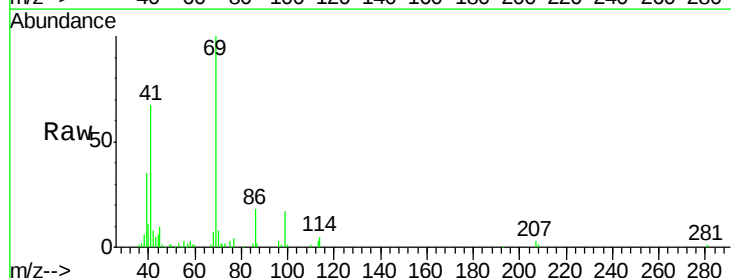
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

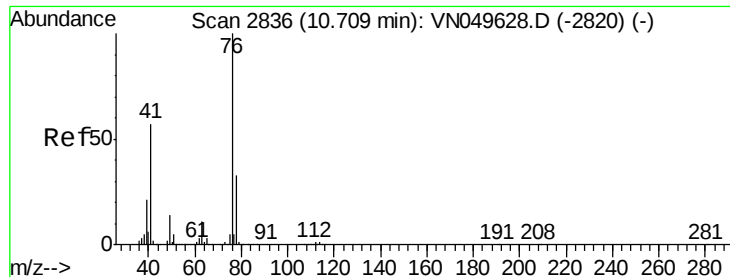
Tgt Ion:	97	Resp:	82024
Ion	Ratio	Lower	Upper
97	100		
83	85.2	69.0	103.6
85	54.7	44.9	67.3
99	62.1	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 4.170 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Tgt Ion:	69	Resp:	77203
Ion	Ratio	Lower	Upper
69	100		
41	68.0	51.6	77.4
39	35.2	25.8	38.8





#57

1,3-Dichloropropane

Concen: 5.116 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

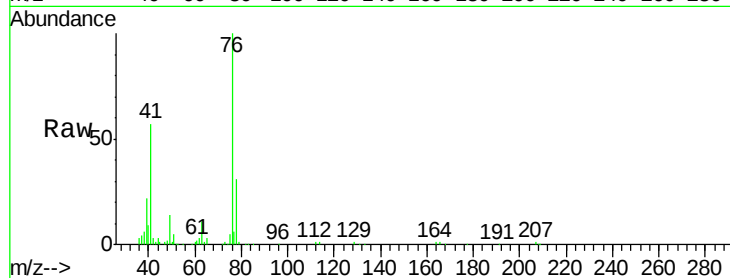
VSTDIC005

Tgt Ion: 76 Resp: 131016

Ion Ratio Lower Upper

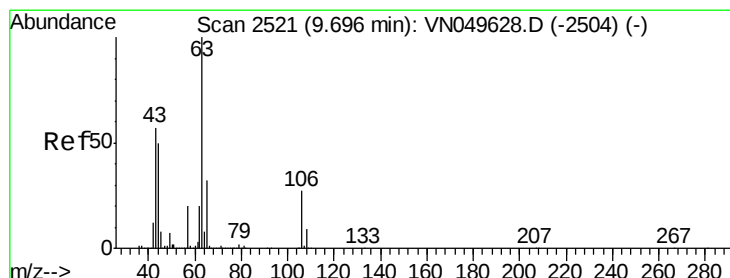
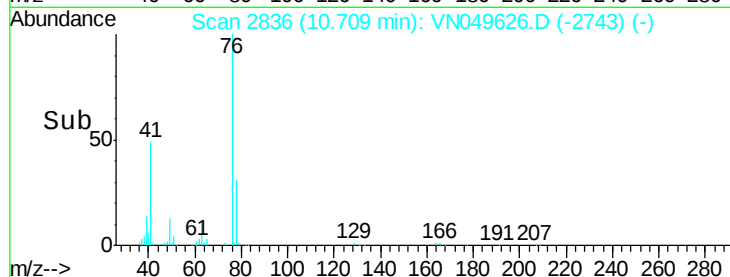
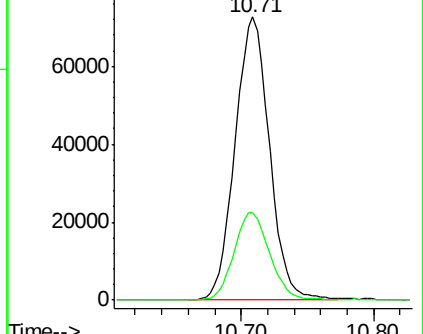
76 100

78 32.2 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 20.581 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049626.D

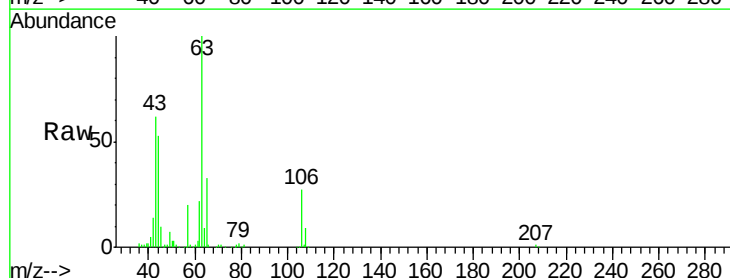
Acq: 29 Jun 2018 11:19

Tgt Ion: 63 Resp: 177370

Ion Ratio Lower Upper

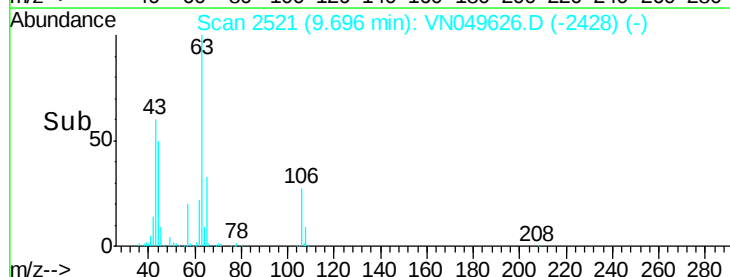
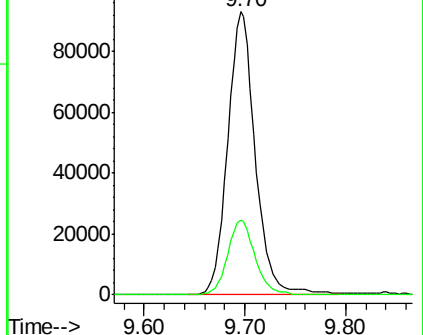
63 100

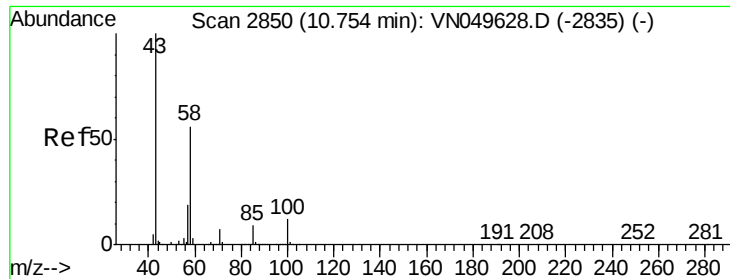
106 26.3 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

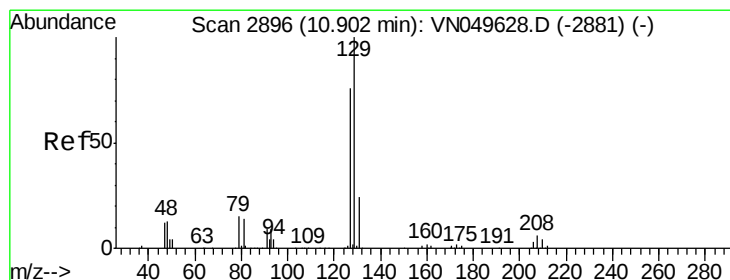
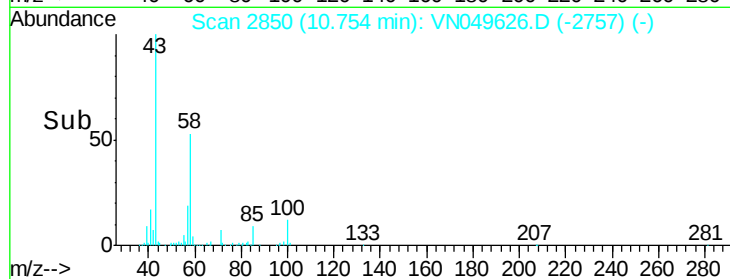
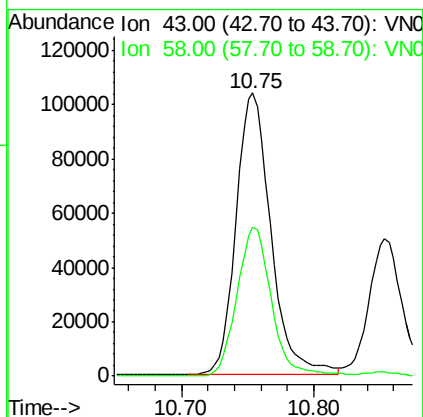
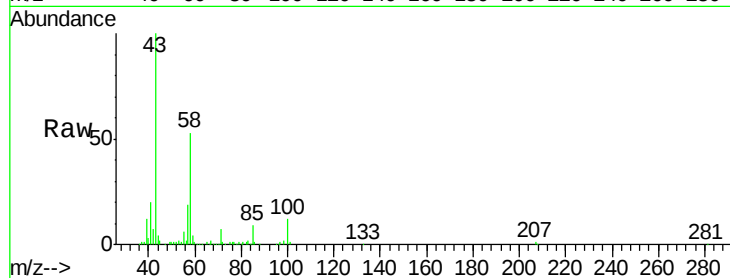




#59
2-Hexanone
Concen: 21.870 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

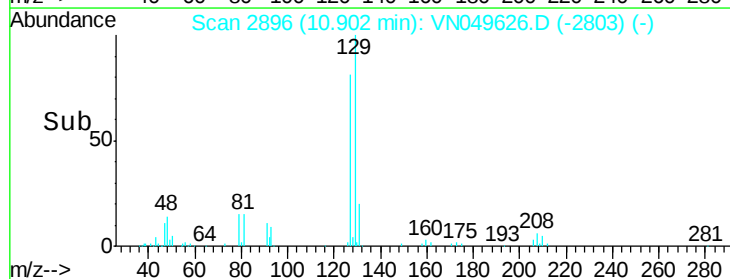
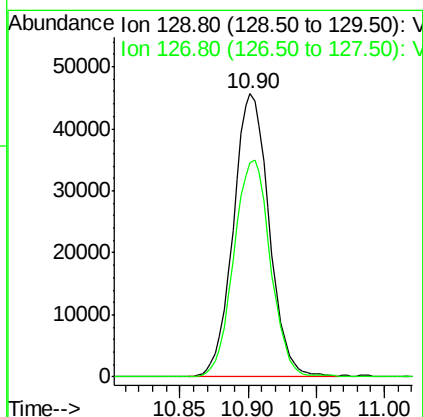
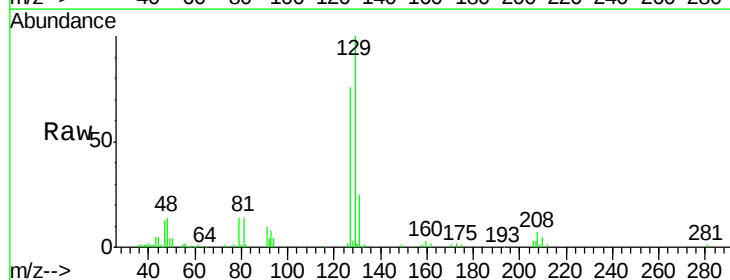
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

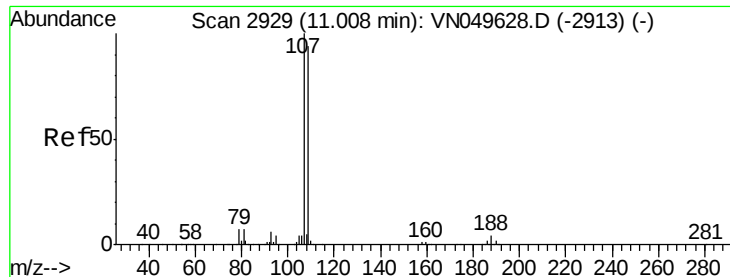
Tgt Ion: 43 Resp: 190163
Ion Ratio Lower Upper
43 100
58 52.3 27.8 83.4



#60
Dibromochloromethane
Concen: 4.875 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion: 129 Resp: 83217
Ion Ratio Lower Upper
129 100
127 78.5 38.3 114.9

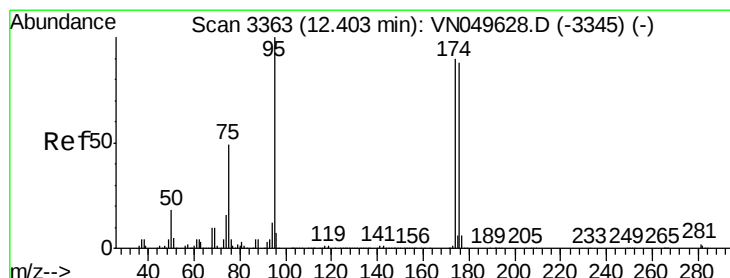
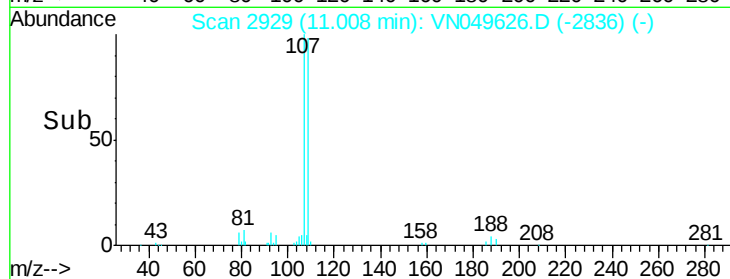
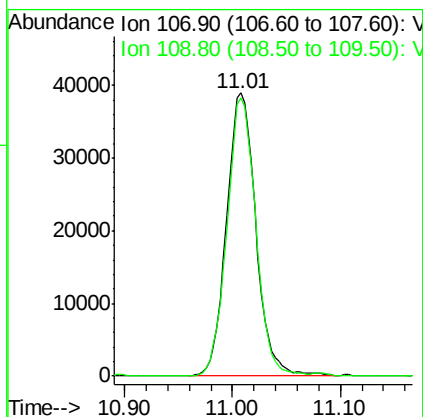
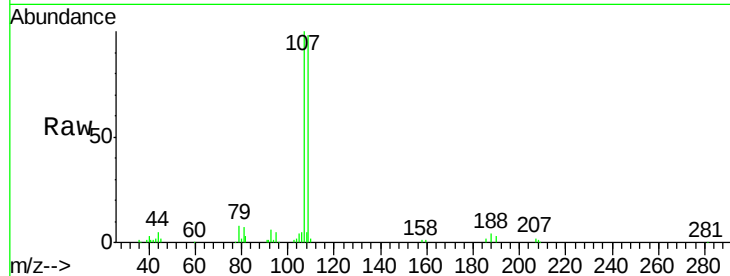




#61
 1,2-Dibromoethane
 Concen: 4.907 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

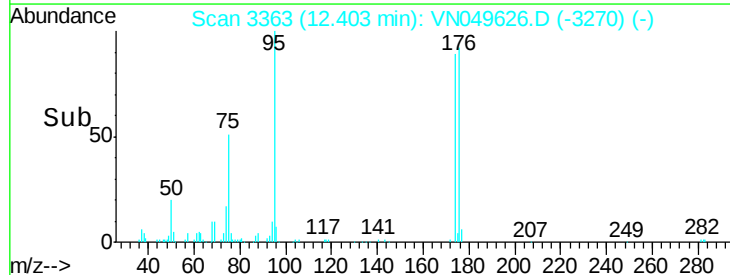
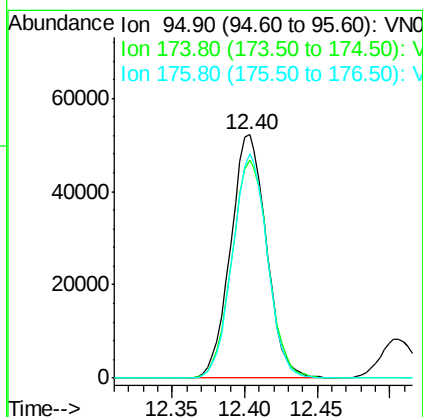
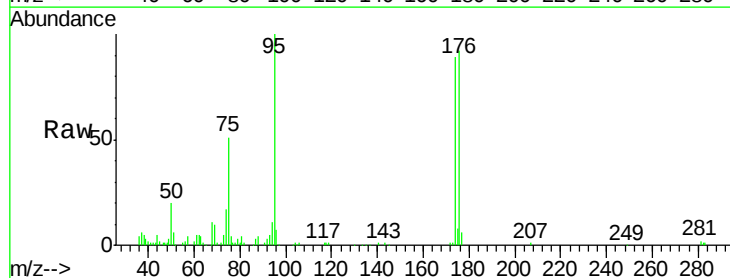
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

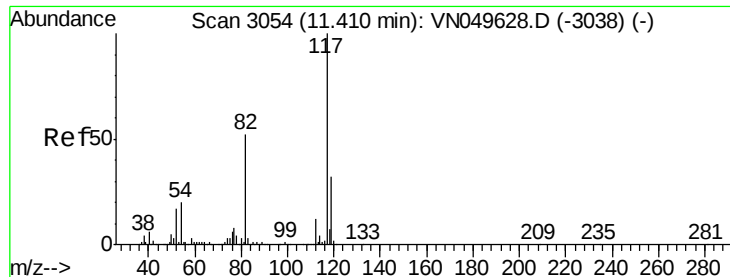
Tgt Ion: 107 Resp: 74261
 Ion Ratio Lower Upper
 107 100
 109 96.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 4.380 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Tgt Ion: 95 Resp: 89426
 Ion Ratio Lower Upper
 95 100
 174 90.5 0.0 179.6
 176 89.2 0.0 174.0

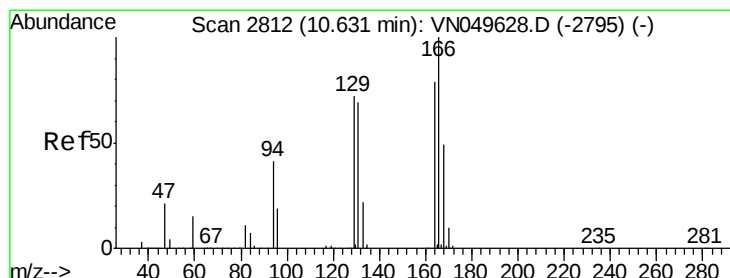
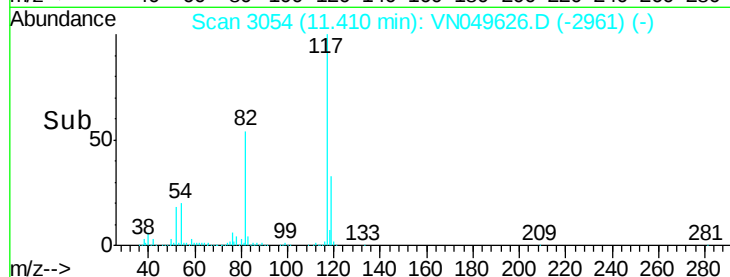
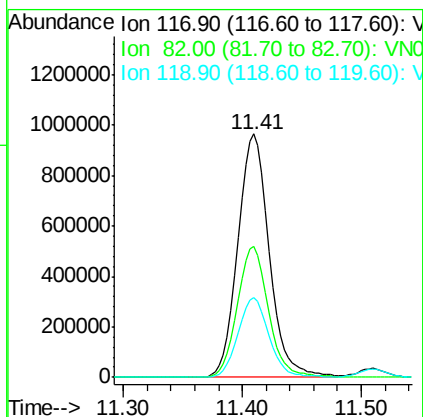
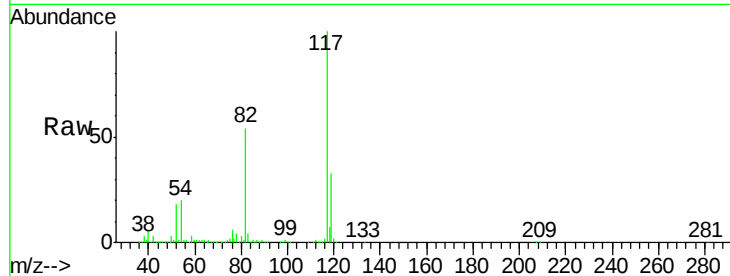




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

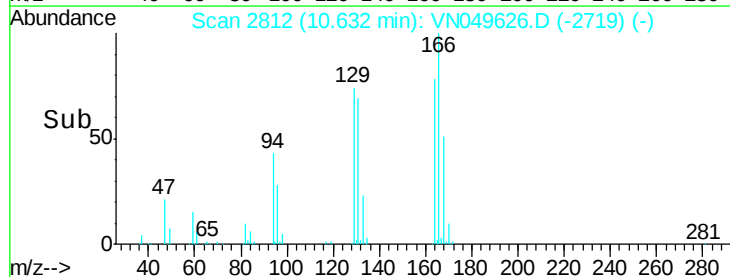
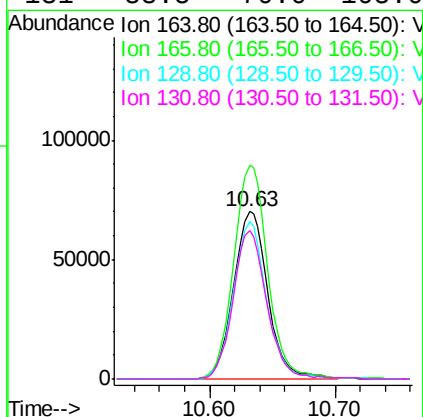
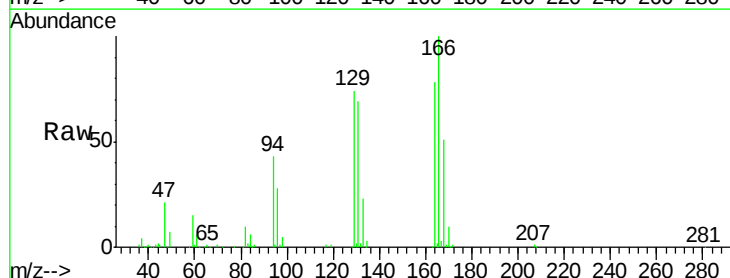
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

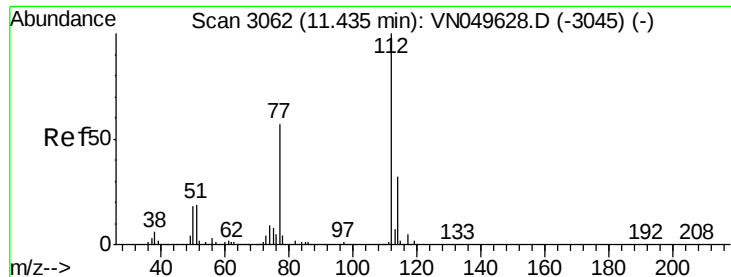
Tgt Ion:117 Resp: 1765167
Ion Ratio Lower Upper
117 100
82 53.7 41.9 62.9
119 32.8 25.4 38.2



#64
Tetrachloroethene
Concen: 5.578 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion:164 Resp: 133328
Ion Ratio Lower Upper
164 100
166 127.6 101.8 152.6
129 93.9 72.8 109.2
131 88.5 70.0 105.0

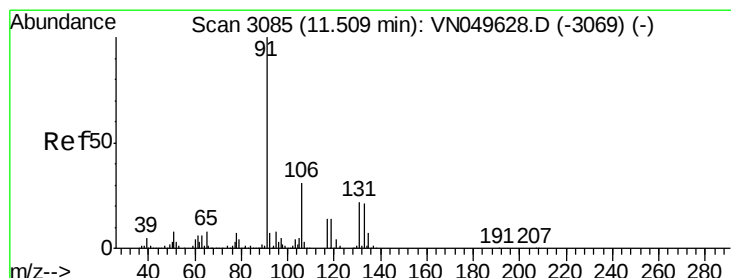
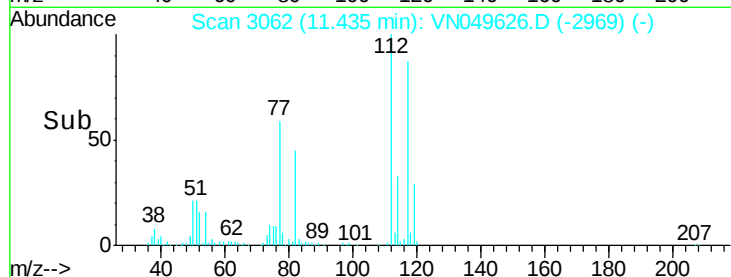
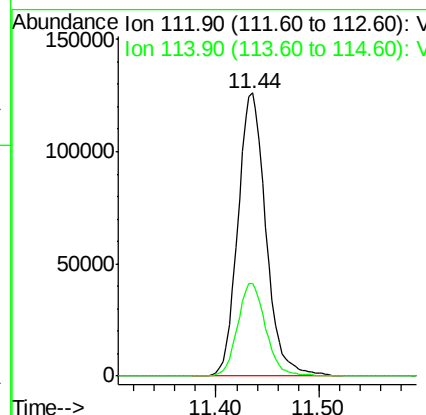
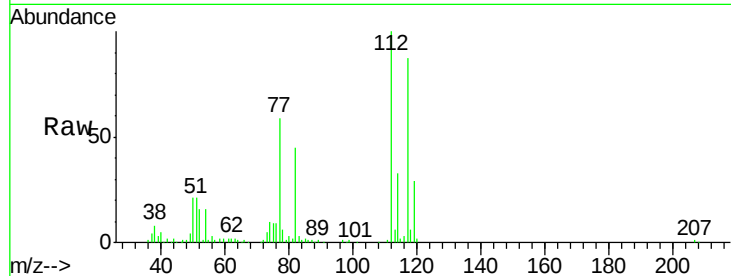




#65
Chlorobenzene
Concen: 5.189 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

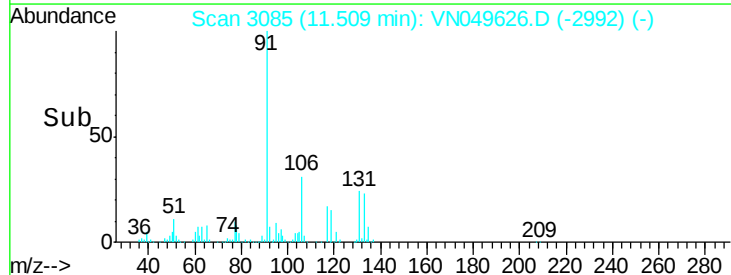
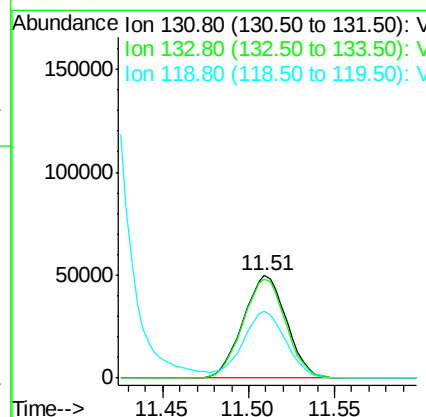
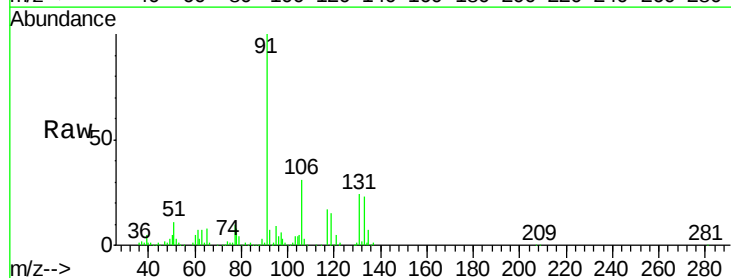
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

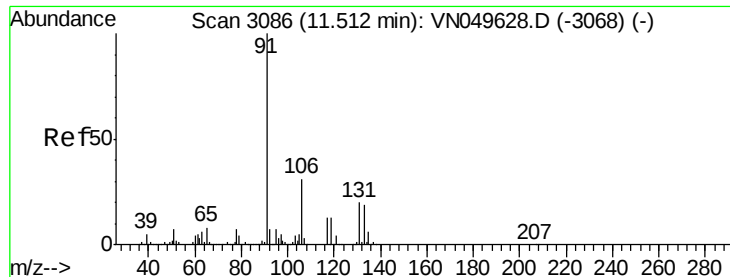
Tgt Ion:112 Resp: 238920
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 5.261 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion:131 Resp: 87040
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.6
119 64.8 33.1 99.3

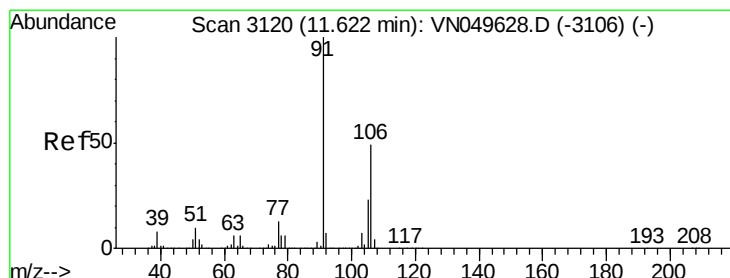
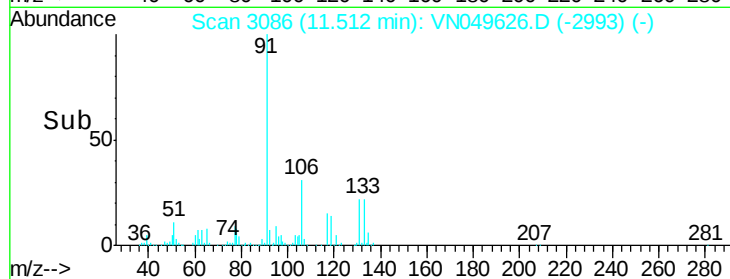
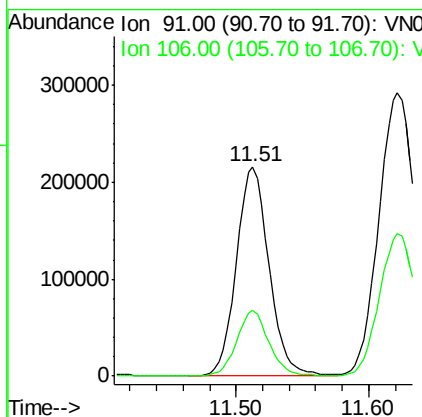
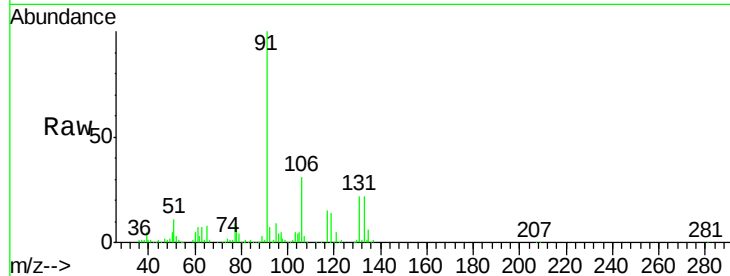




#67
Ethyl Benzene
Concen: 4.871 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

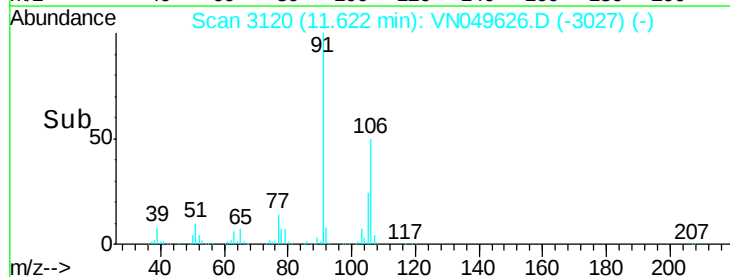
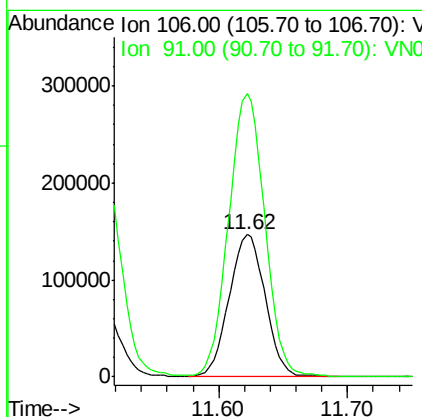
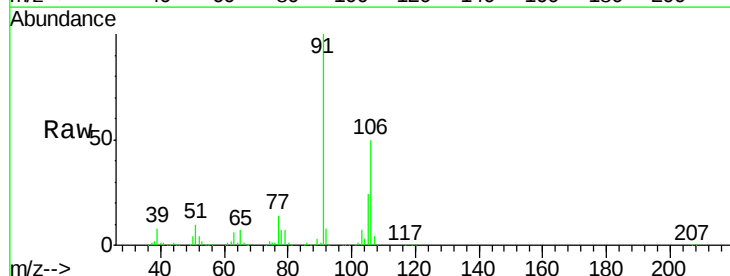
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

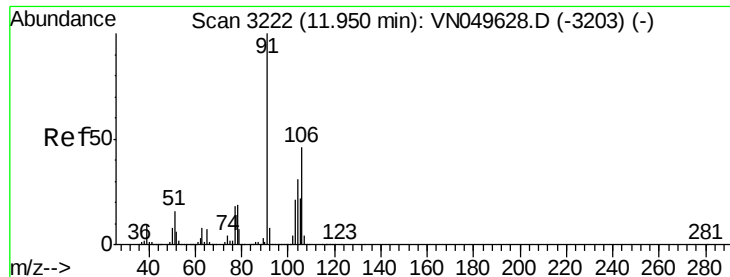
Tgt Ion: 91 Resp: 370761
Ion Ratio Lower Upper
91 100
106 31.5 24.8 37.2



#68
m/p-Xylenes
Concen: 9.693 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion: 106 Resp: 282756
Ion Ratio Lower Upper
106 100
91 201.6 163.4 245.2

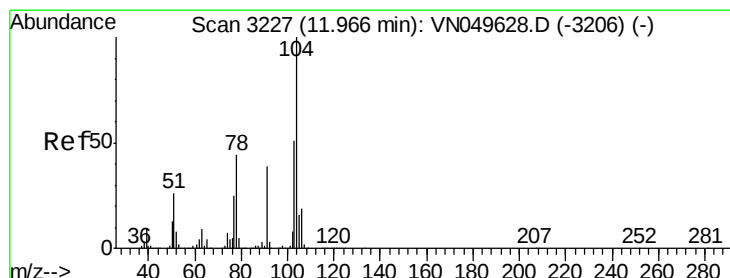
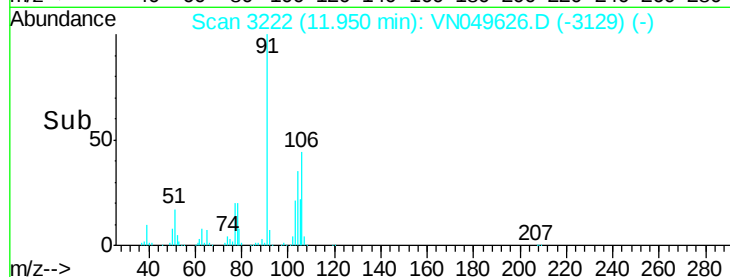
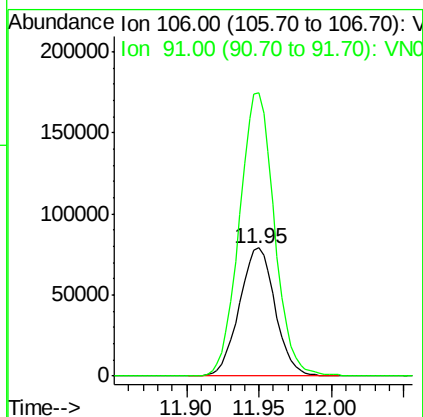
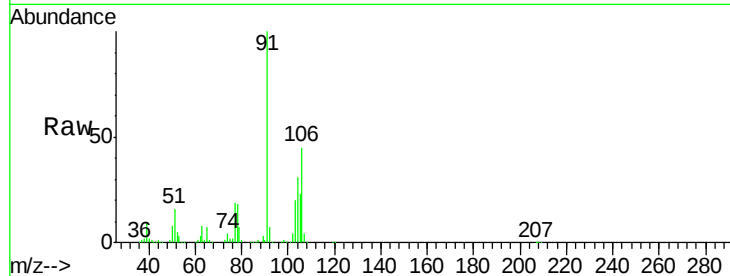




#69
o-Xylene
Concen: 4.871 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

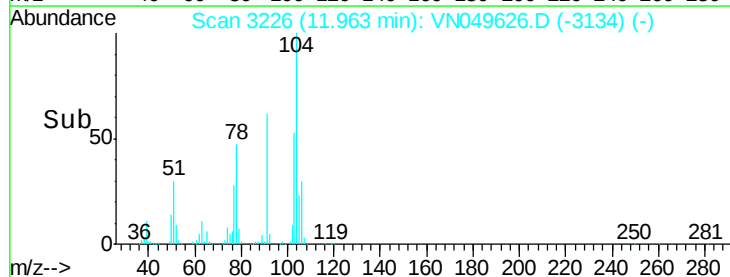
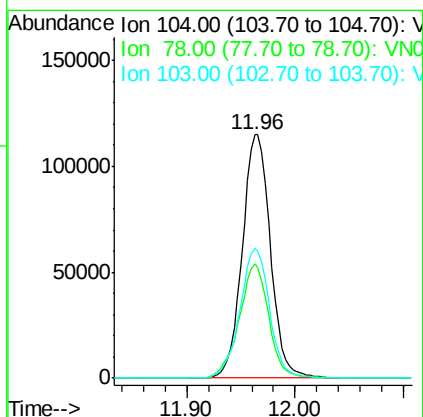
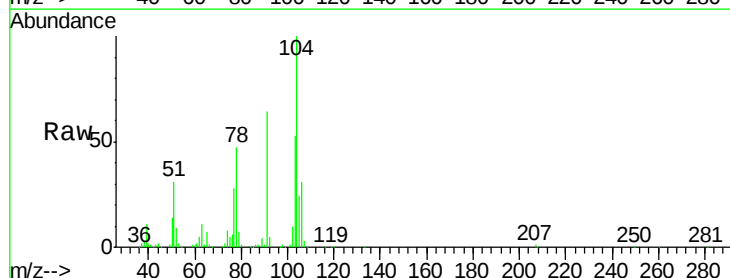
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

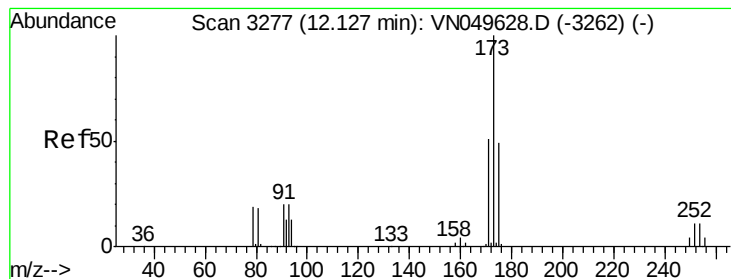
Tgt Ion:106 Resp: 136047
Ion Ratio Lower Upper
106 100
91 216.1 108.7 326.1



#70
Styrene
Concen: 4.615 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion:104 Resp: 208531
Ion Ratio Lower Upper
104 100
78 49.4 39.2 58.8
103 56.2 44.6 67.0





#71

Bromoform

Concen: 4.738 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

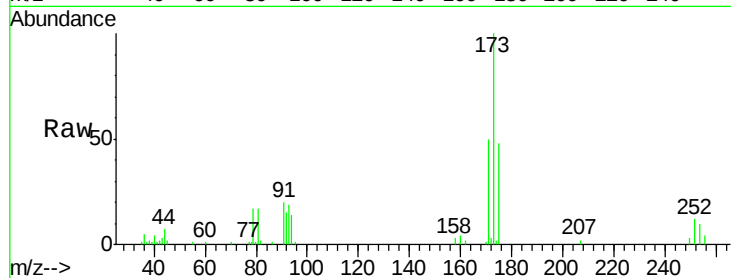
Tgt Ion:173 Resp: 52093

Ion Ratio Lower Upper

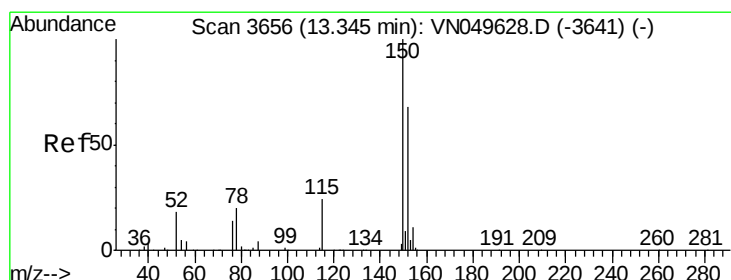
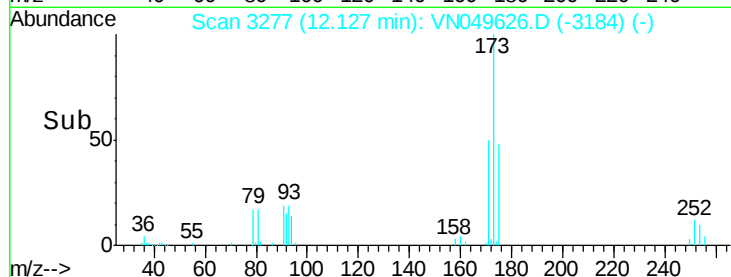
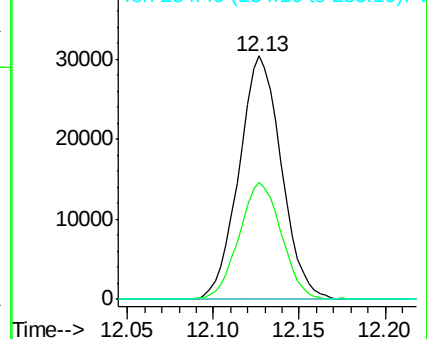
173 100

175 48.1 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: VN049626.D

Acq: 29 Jun 2018 11:19

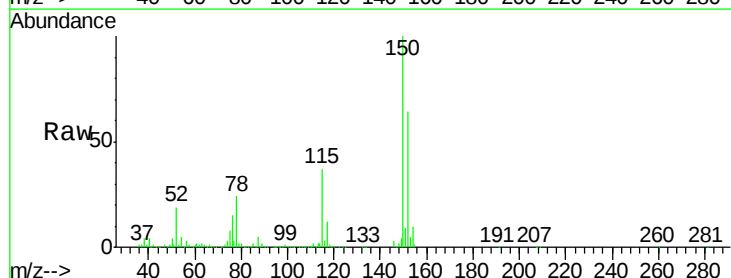
Tgt Ion:152 Resp: 843995

Ion Ratio Lower Upper

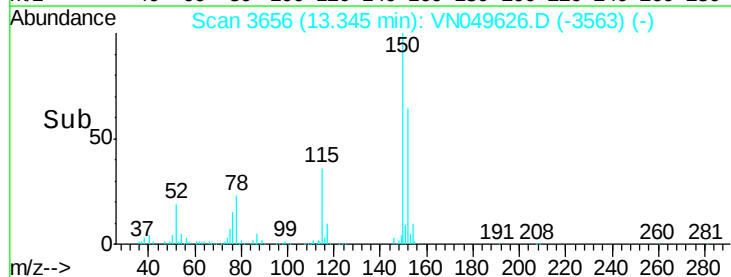
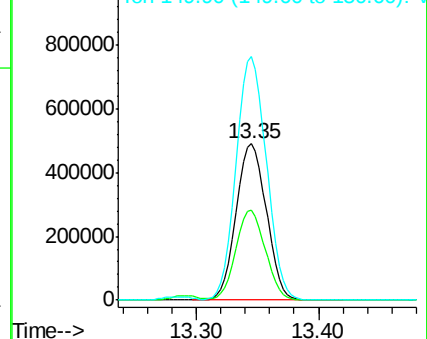
152 100

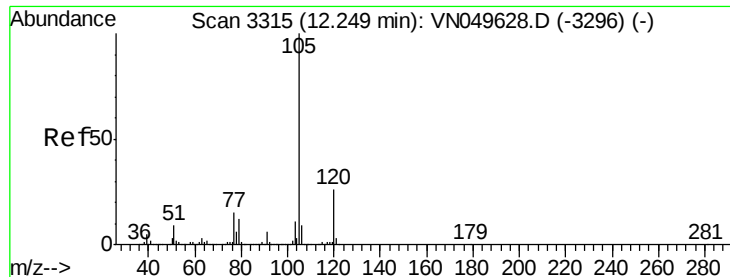
115 56.3 28.1 84.2

150 156.4 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: 5.273 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

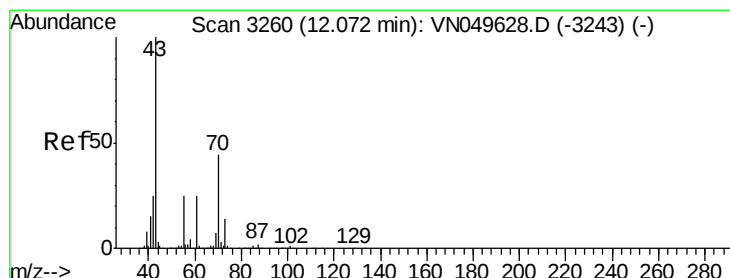
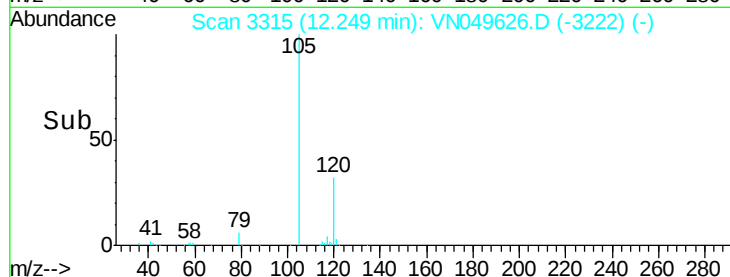
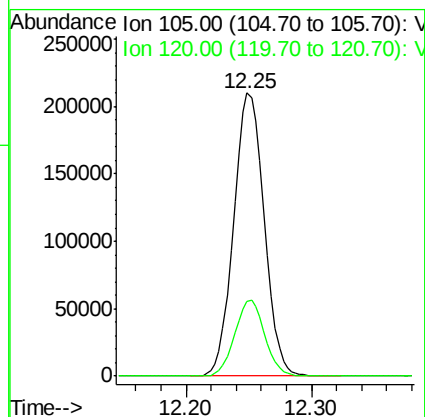
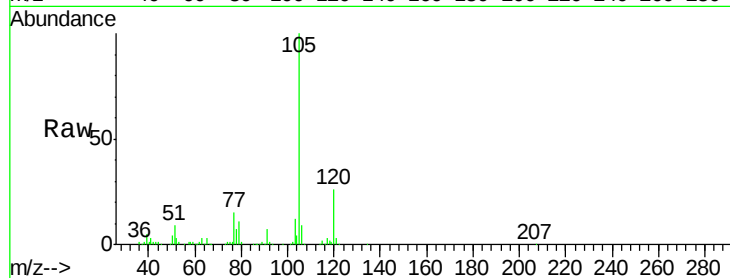
VSTDIC005

Tgt Ion: 105 Resp: 354507

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.8



#74

N-ethyl acetate

Concen: 4.540 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Tgt Ion: 43 Resp: 83371

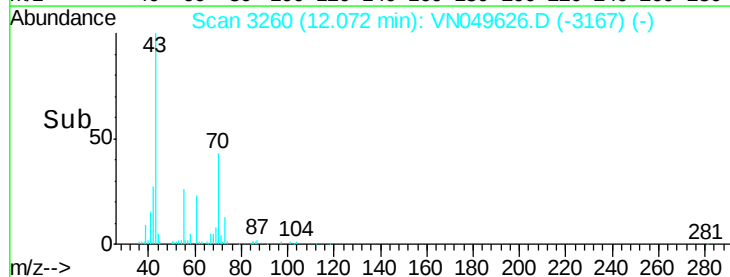
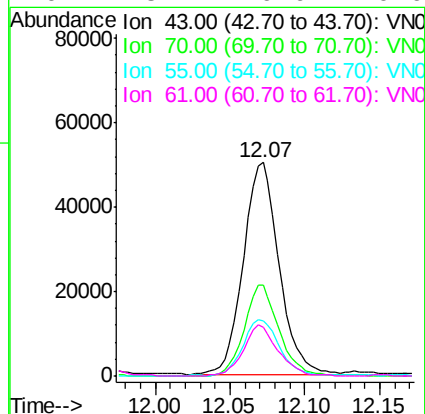
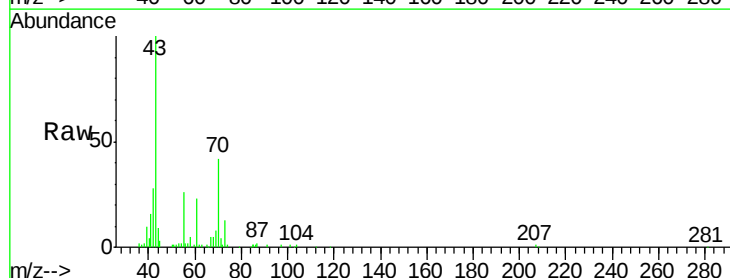
Ion Ratio Lower Upper

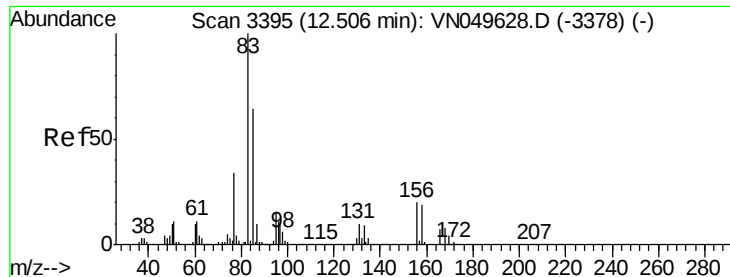
43 100

70 41.5 34.8 52.2

55 26.5 20.9 31.3

61 23.2 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 5.509 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

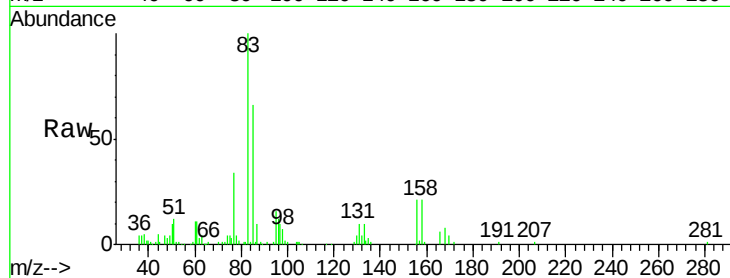
Tgt Ion: 83 Resp: 87459

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

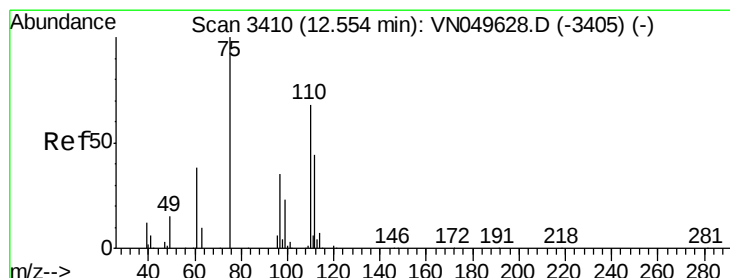
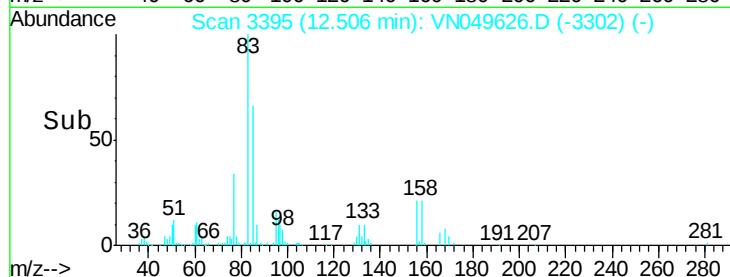
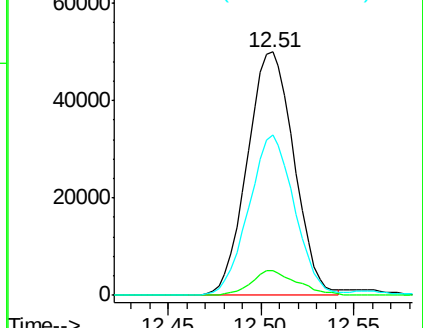
85 64.4 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 7.199 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049626.D

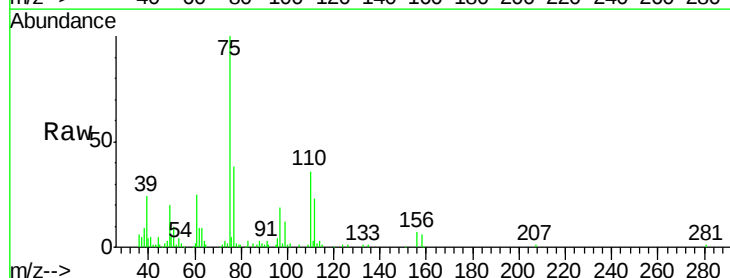
Acq: 29 Jun 2018 11:19

Tgt Ion: 75 Resp: 105480

Ion Ratio Lower Upper

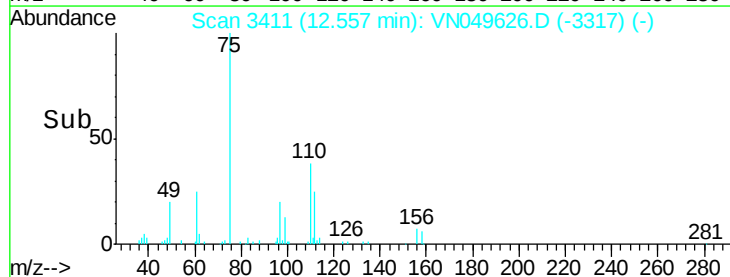
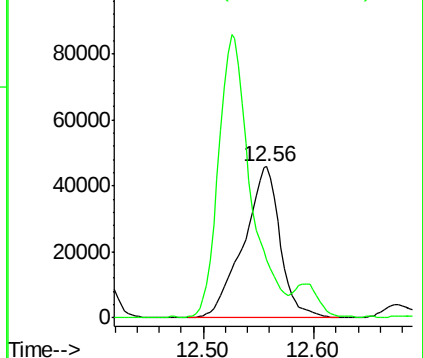
75 100

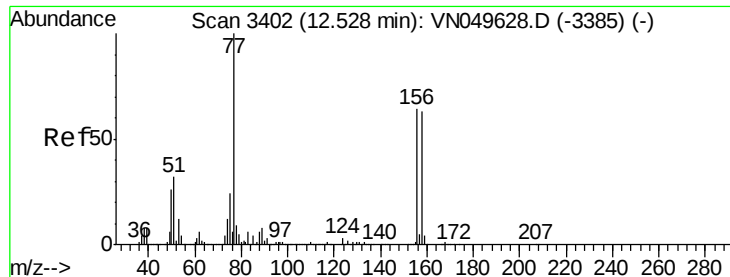
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 5.200 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

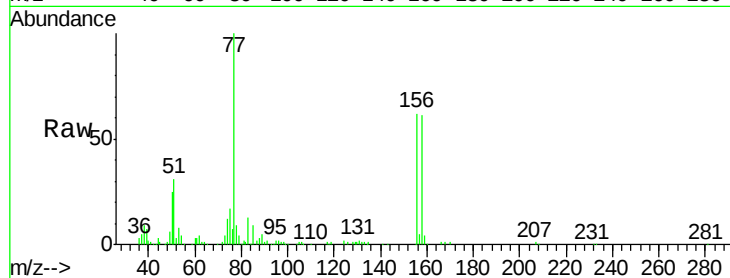
Tgt Ion:156 Resp: 95068

Ion Ratio Lower Upper

156 100

77 181.5 90.2 270.6

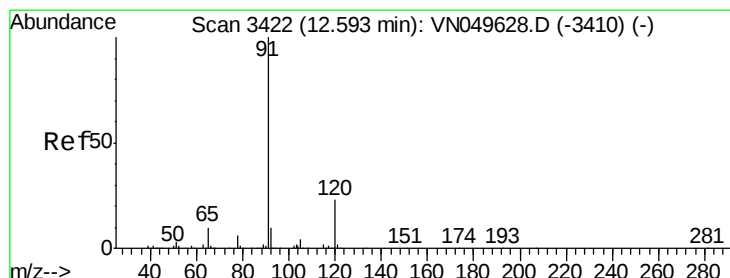
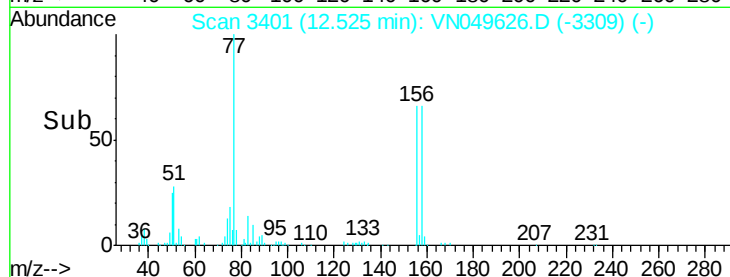
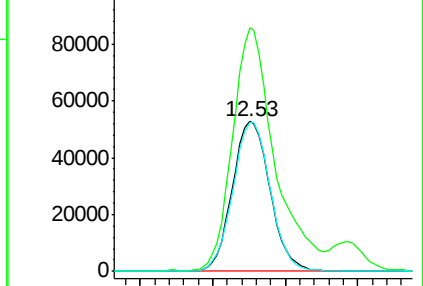
158 98.8 49.1 147.3



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: 5.086 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049626.D

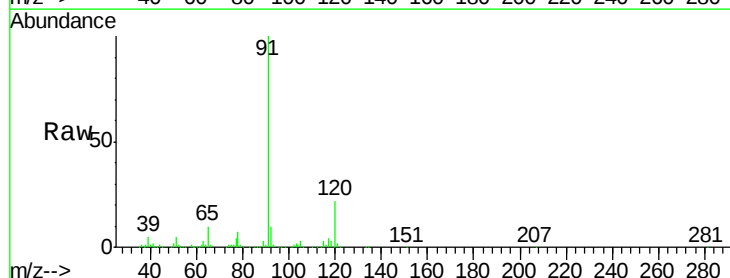
Acq: 29 Jun 2018 11:19

Tgt Ion: 91 Resp: 391894

Ion Ratio Lower Upper

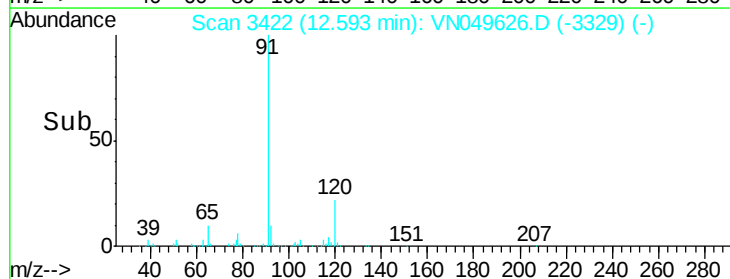
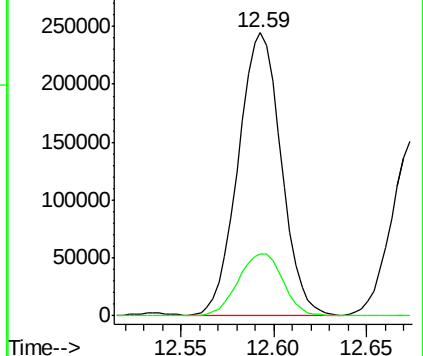
91 100

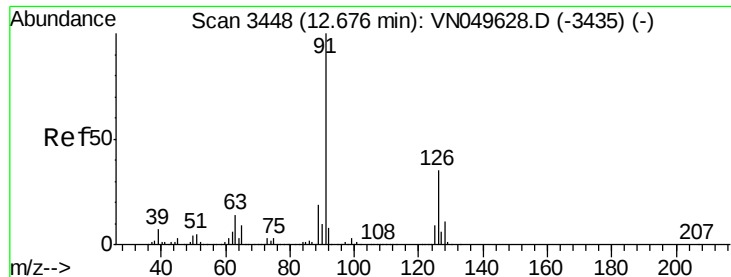
120 23.0 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.199 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

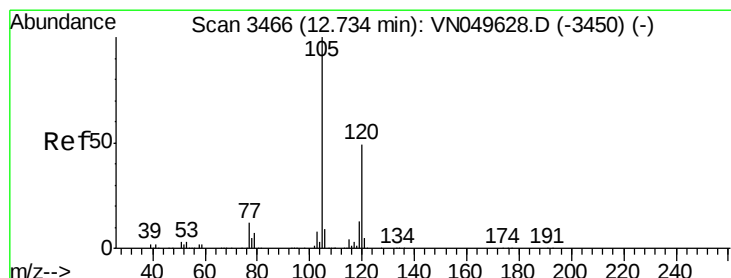
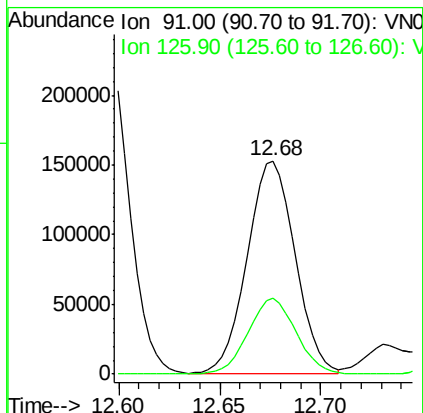
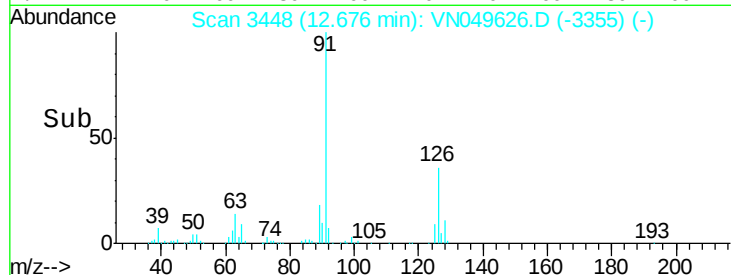
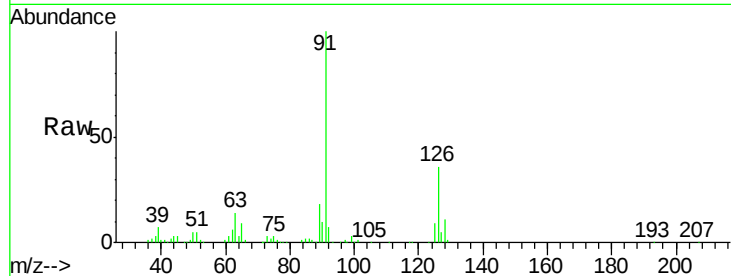
VSTDIC005

Tgt Ion: 91 Resp: 253494

Ion Ratio Lower Upper

91 100

126 35.9 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 5.088 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049626.D

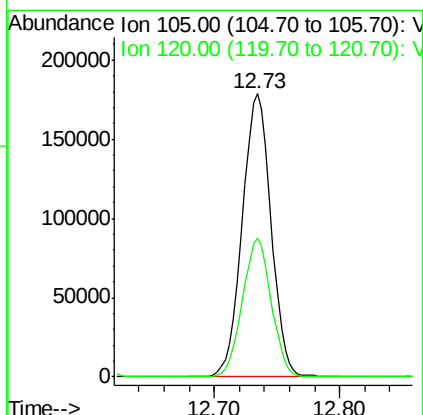
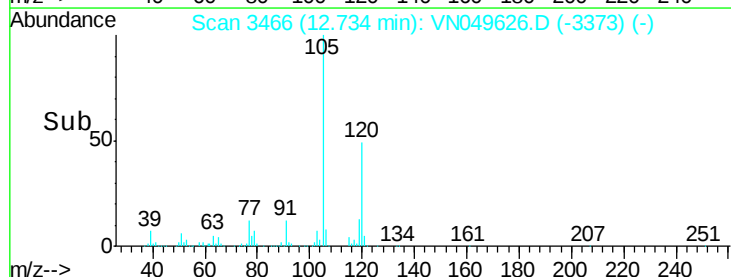
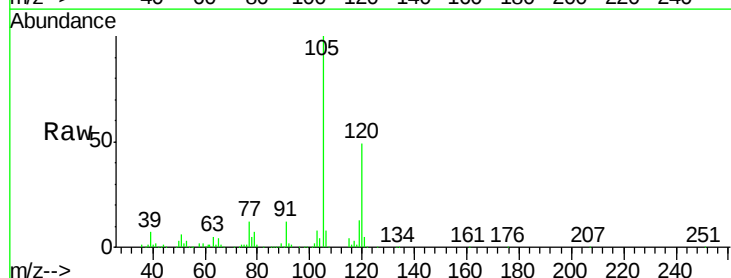
Acq: 29 Jun 2018 11:19

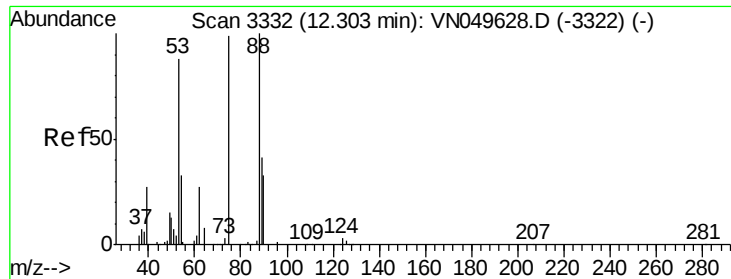
Tgt Ion: 105 Resp: 284232

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 4.675 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

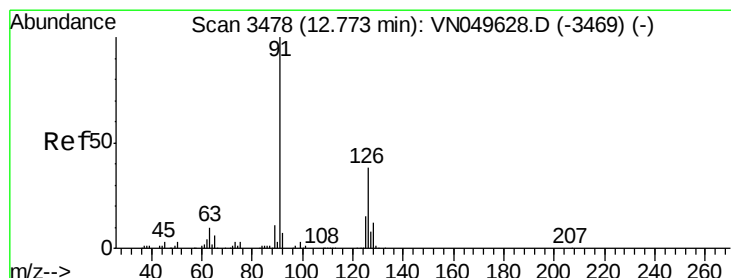
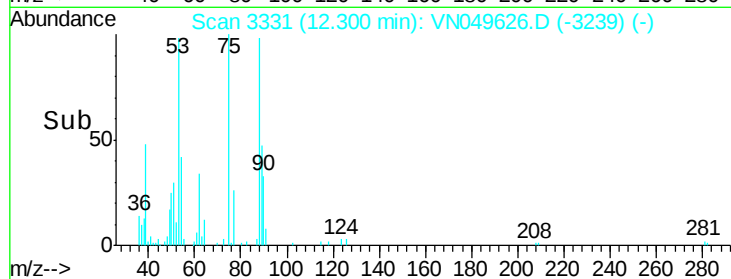
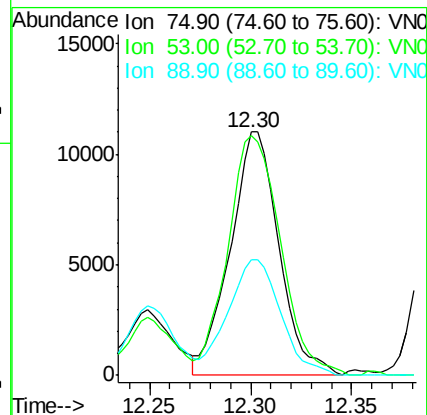
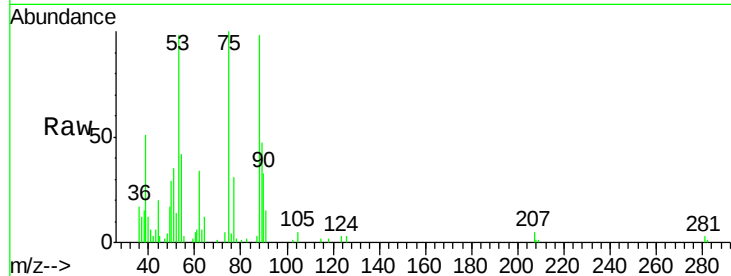
Tgt Ion: 75 Resp: 18630

Ion Ratio Lower Upper

75 100

53 106.6 73.9 110.9

89 51.1 35.9 53.9



#82

4-Chlorotoluene

Concen: 5.145 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. 0.00 min

Lab File: VN049626.D

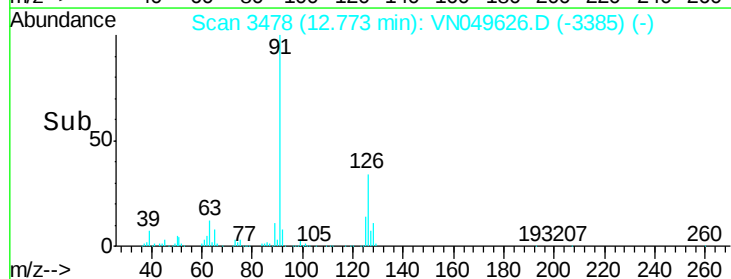
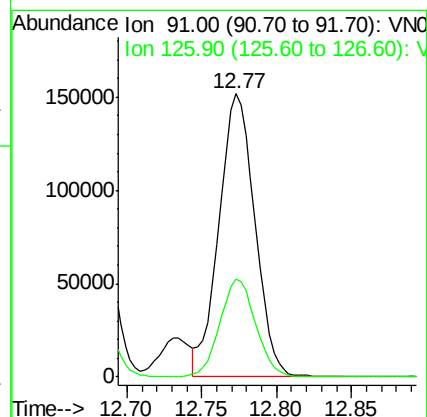
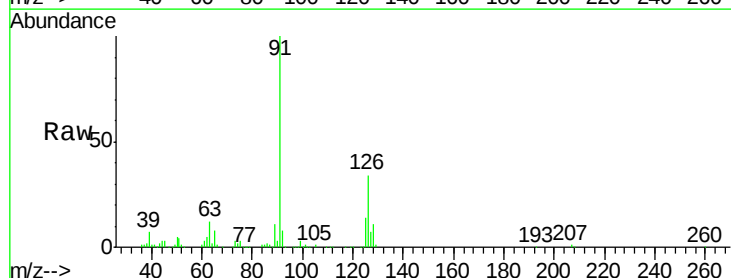
Acq: 29 Jun 2018 11:19

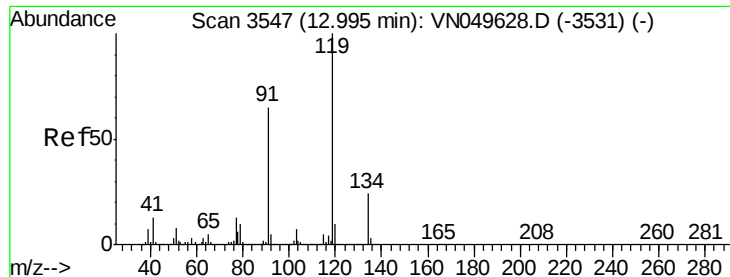
Tgt Ion: 91 Resp: 252274

Ion Ratio Lower Upper

91 100

126 34.6 17.2 51.6

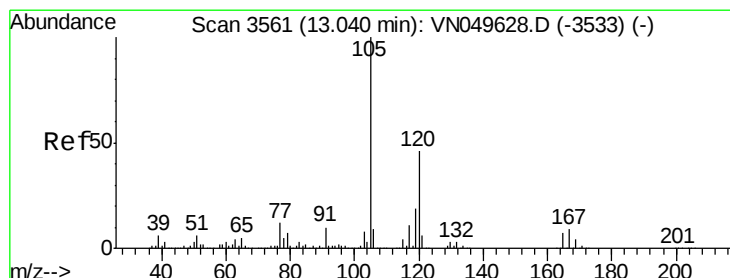
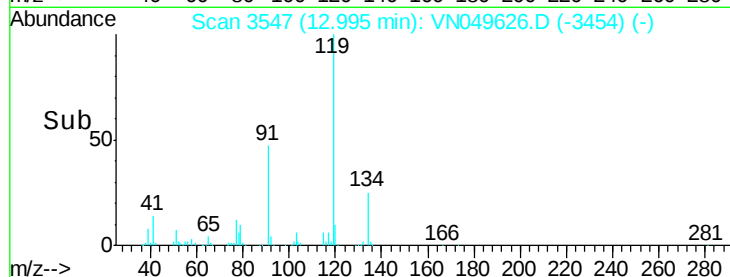
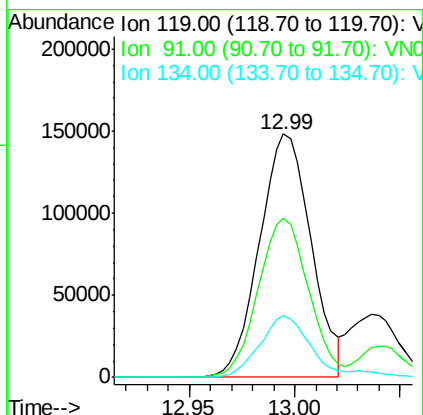
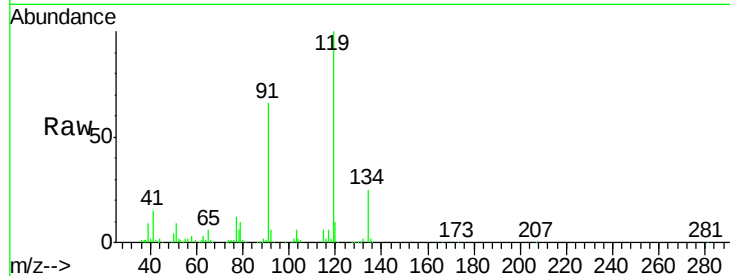




#83
 tert-Butylbenzene
 Concen: 5.257 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

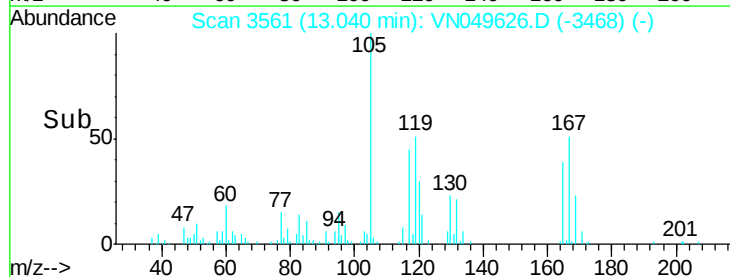
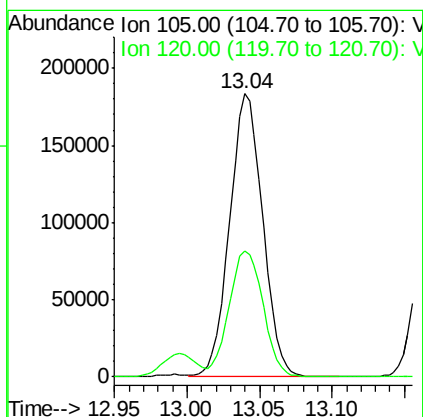
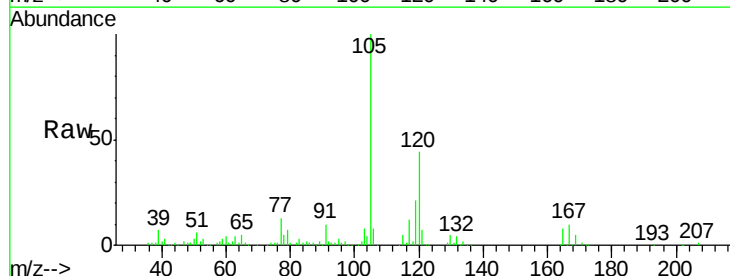
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

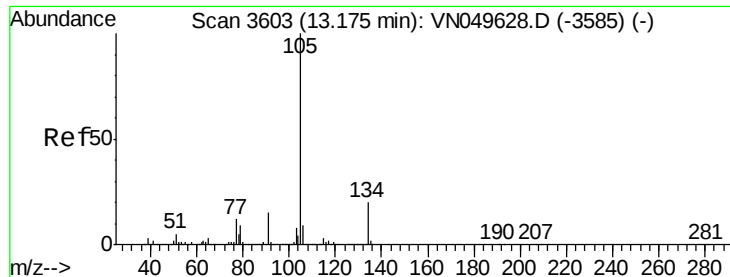
Tgt Ion:119 Resp: 252285
 Ion Ratio Lower Upper
 119 100
 91 64.0 32.0 96.2
 134 24.2 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 5.029 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Tgt Ion:105 Resp: 288708
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.7 68.1





#85

sec-Butylbenzene

Concen: 5.192 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

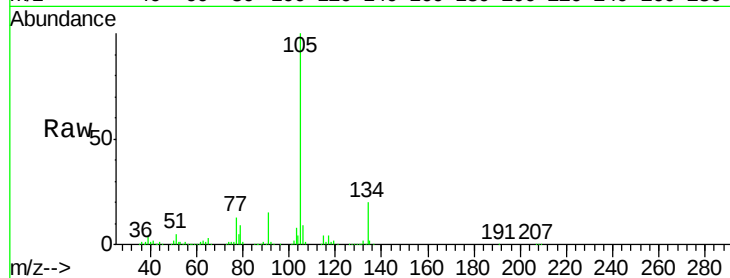
VSTDIC005

Tgt Ion:105 Resp: 330127

Ion Ratio Lower Upper

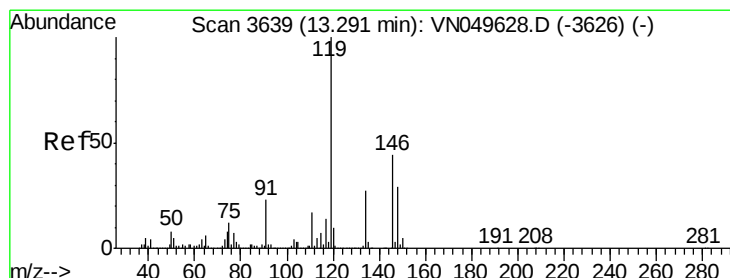
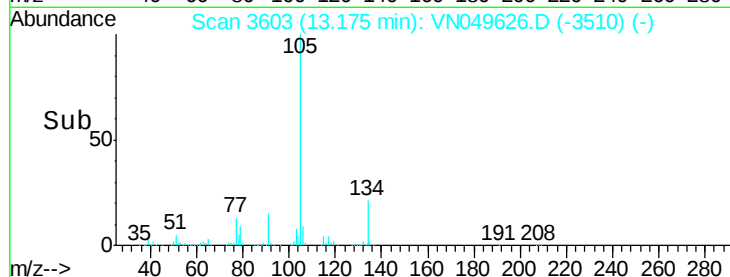
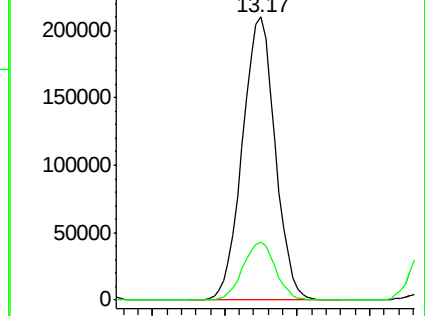
105 100

134 20.4 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.932 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

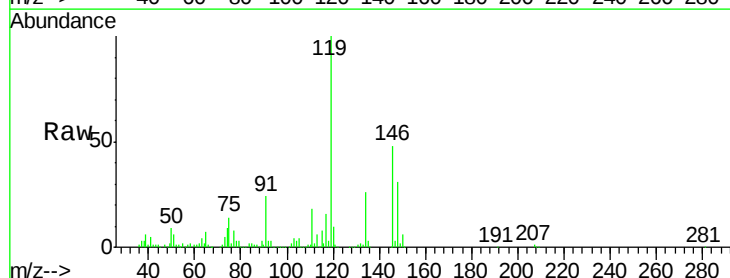
Tgt Ion:119 Resp: 271639

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

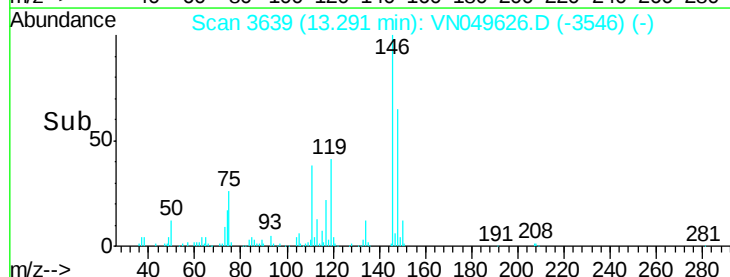
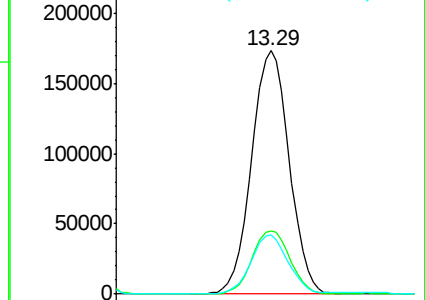
91 24.0 11.4 34.1

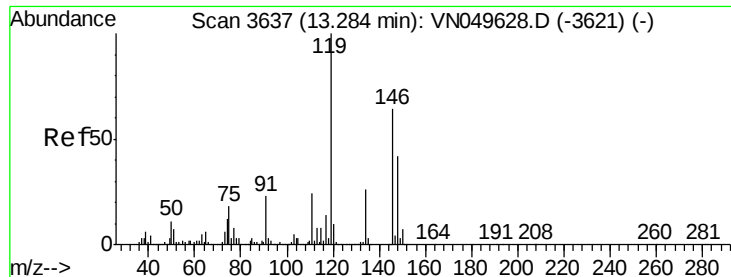


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

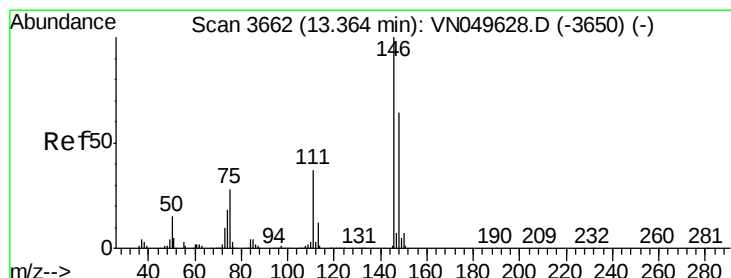
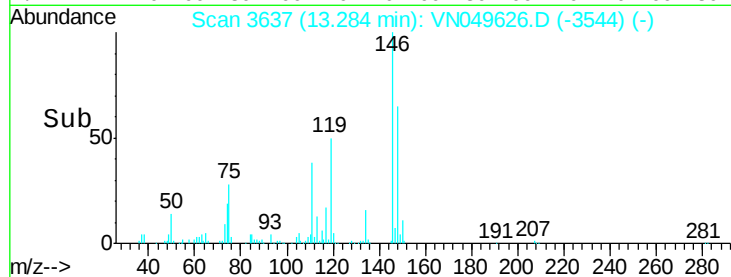
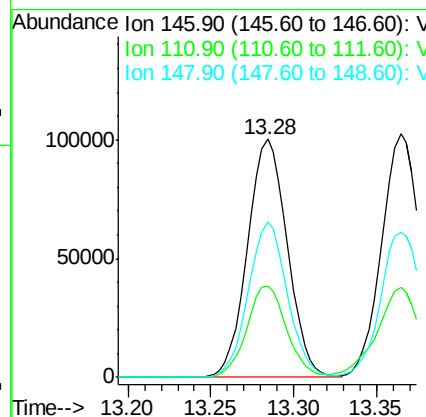
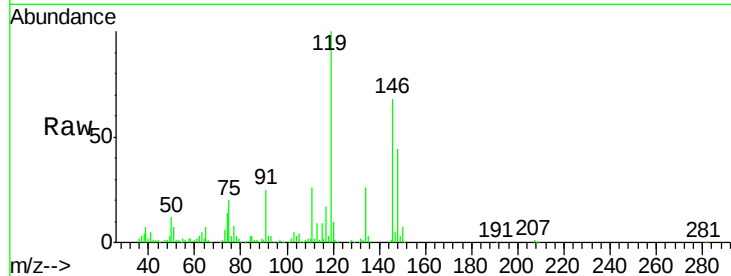




#87
 1,3-Dichlorobenzene
 Concen: 4.958 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

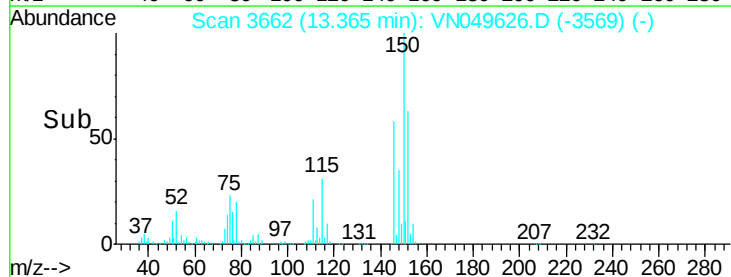
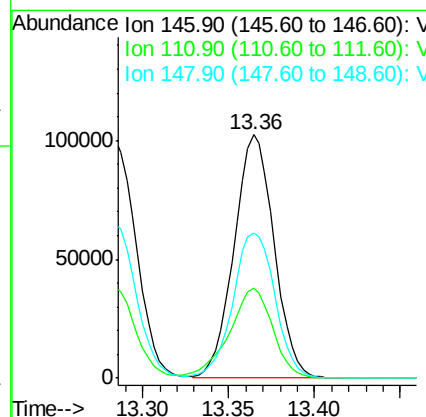
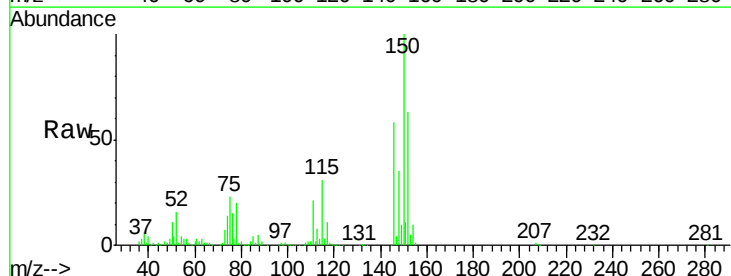
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

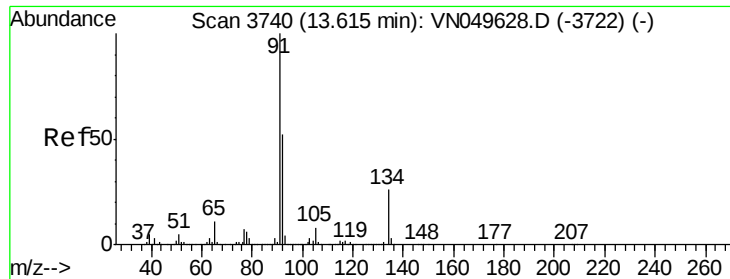
Tgt Ion:146 Resp: 167313
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.0 57.0
 148 64.0 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 4.935 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Tgt Ion:146 Resp: 166262
 Ion Ratio Lower Upper
 146 100
 111 40.6 18.9 56.5
 148 63.1 32.1 96.3

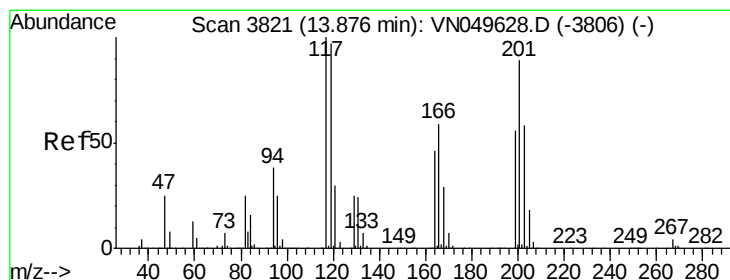
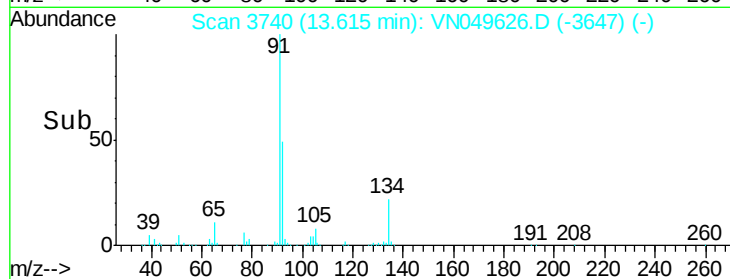
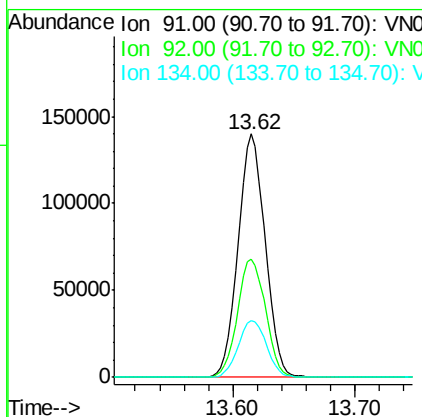
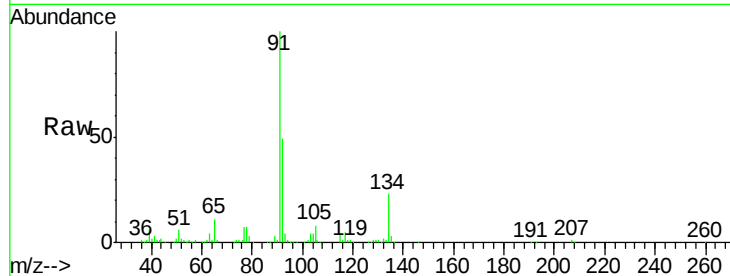




#89
n-Butylbenzene
Concen: 4.557 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

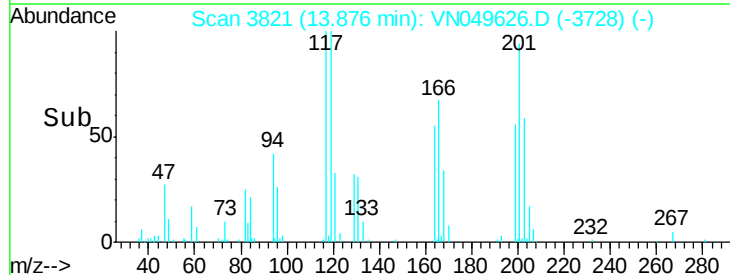
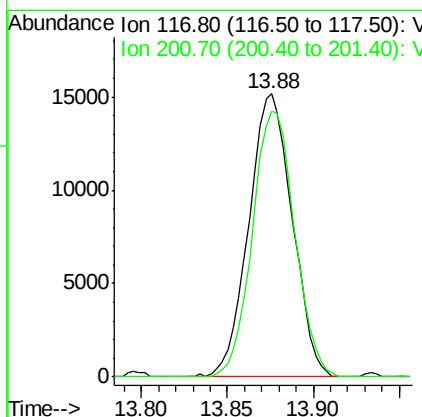
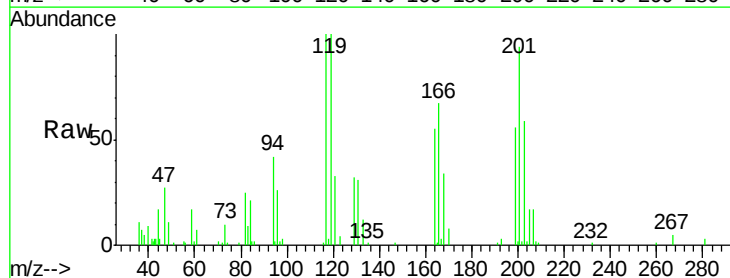
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

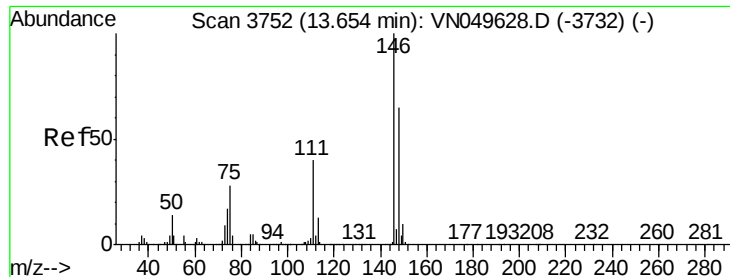
Tgt Ion: 91 Resp: 214851
Ion Ratio Lower Upper
91 100
92 49.9 25.8 77.3
134 24.4 13.0 38.9



#90
Hexachloroethane
Concen: 4.591 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion: 117 Resp: 26561
Ion Ratio Lower Upper
117 100
201 91.3 45.3 135.8





#91

1,2-Dichlorobenzene

Concen: 5.133 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

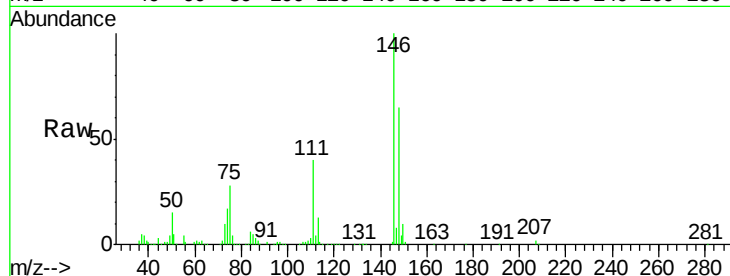
Tgt Ion:146 Resp: 168370

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.1

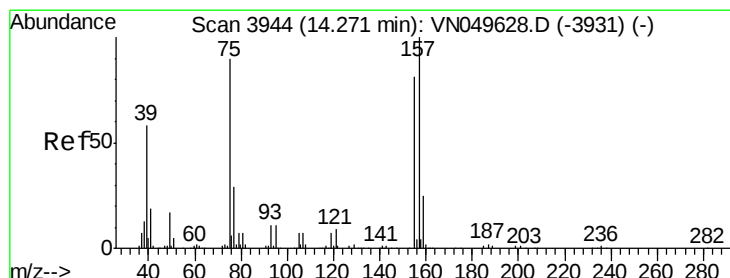
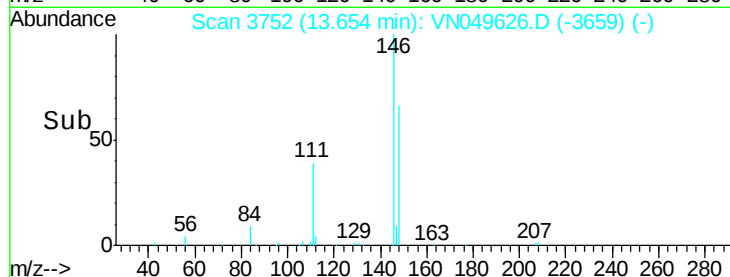
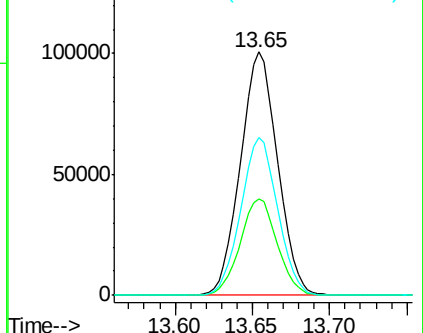
148 64.1 32.0 96.2



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: 4.515 ug/l

RT: 14.27 min Scan# 3943

Delta R.T. -0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

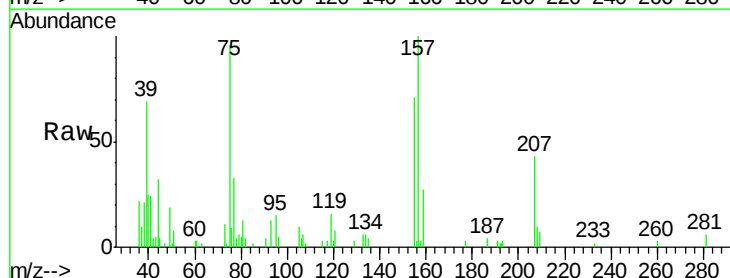
Tgt Ion: 75 Resp: 12507

Ion Ratio Lower Upper

75 100

155 82.4 45.7 137.1

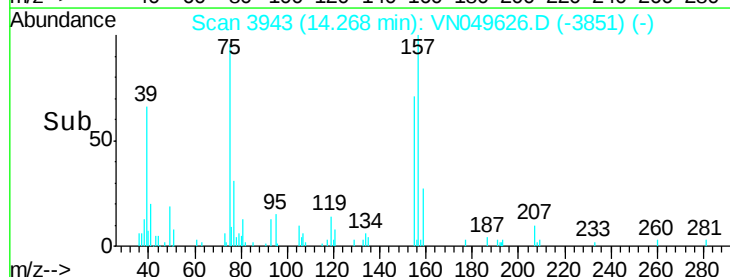
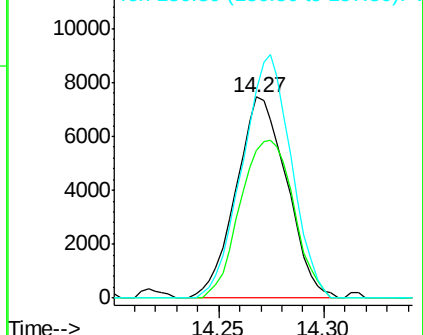
157 116.3 56.9 170.7

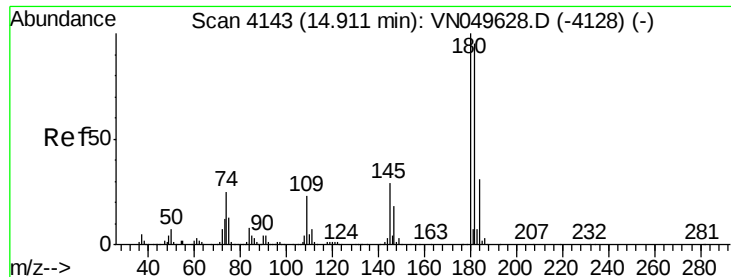


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

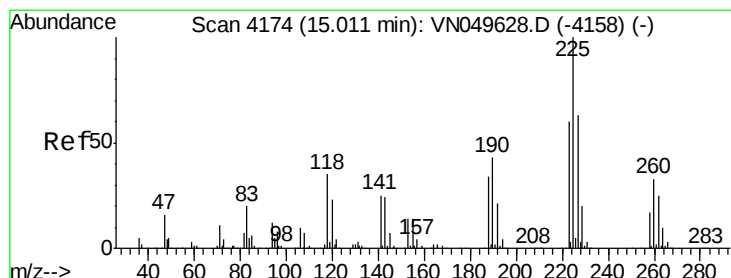
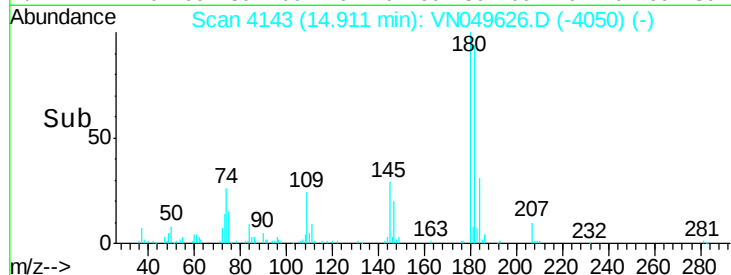
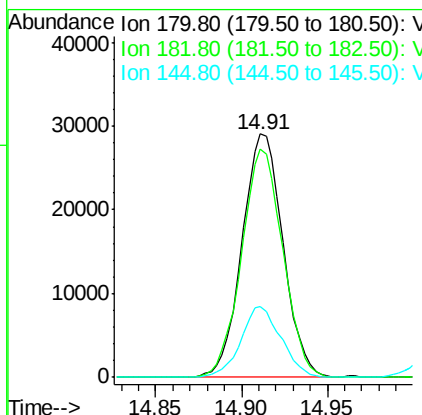
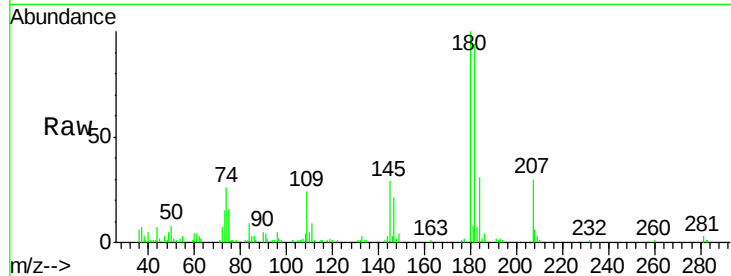




#93
 1,2,4-Trichlorobenzene
 Concen: 3.171 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

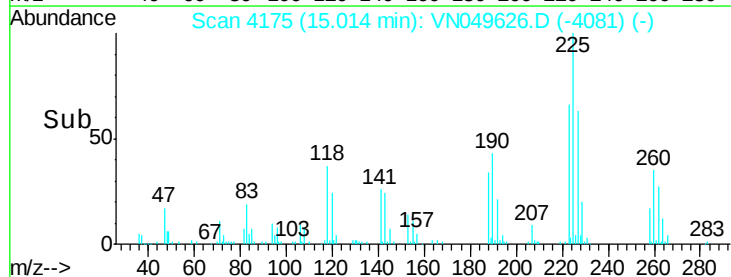
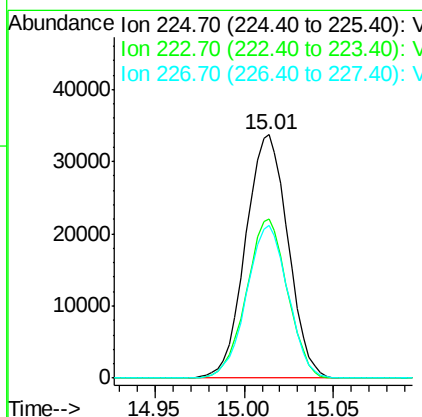
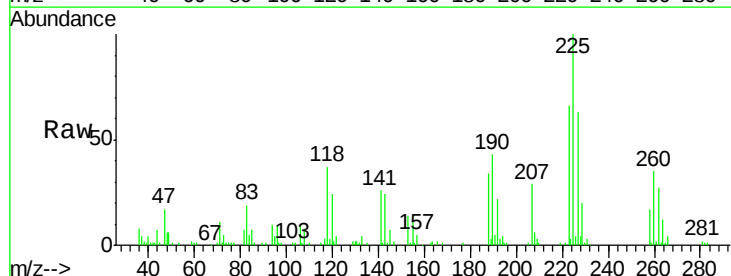
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

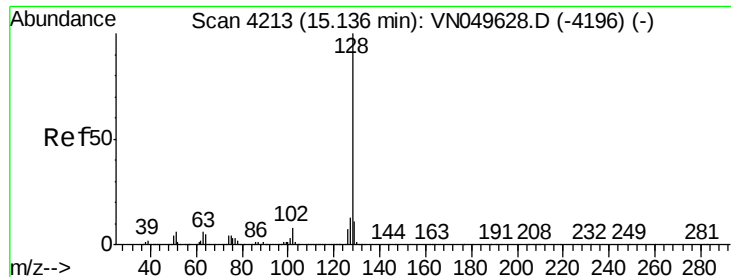
Tgt Ion:180 Resp: 47898
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.3 141.9
 145 28.6 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 5.357 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Tgt Ion:225 Resp: 56123
 Ion Ratio Lower Upper
 225 100
 223 63.2 30.9 92.7
 227 61.2 31.8 95.4





#95

Naphthalene

Concen: 2.583 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

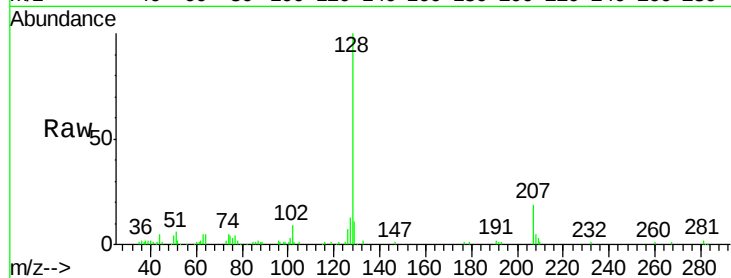
Tgt Ion:128 Resp: 83725

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

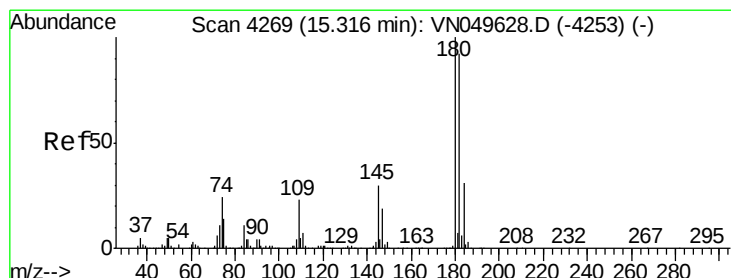
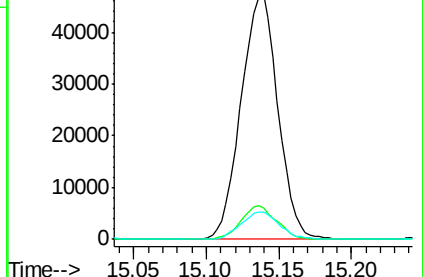
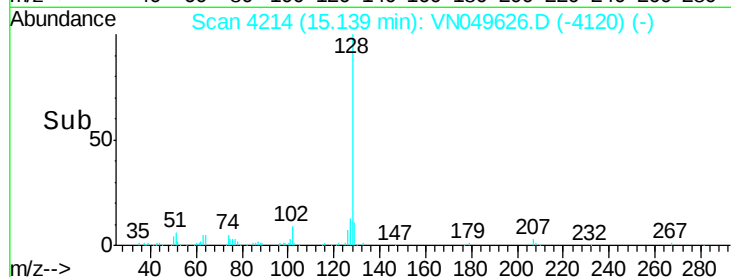
129 11.7 8.6 13.0



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: 3.494 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

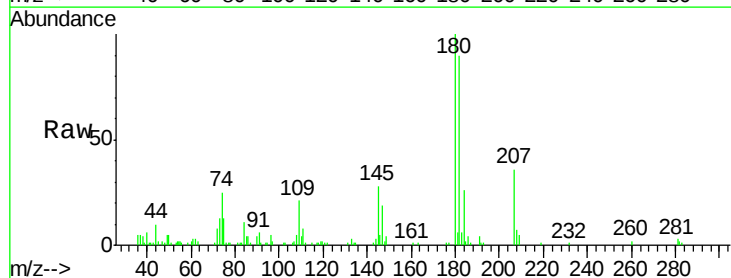
Tgt Ion:180 Resp: 54305

Ion Ratio Lower Upper

180 100

182 92.3 47.4 142.2

145 29.2 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

