

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062918\
 Data File : VN049632.D
 Acq On : 29 Jun 2018 14:26
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Jun 30 00:23:36 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	7.67	168	1232995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1948901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1627337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	683047	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	15694	0.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.92%	
35) Dibromofluoromethane	7.59	113	13208	0.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.82%	
50) Toluene-d8	10.09	98	49086	0.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.72%	
62) 4-Bromofluorobenzene	12.40	95	18315	0.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.88%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	13292	0.957 ug/l	94
3) Chloromethane	2.06	50	19384	1.117 ug/l	96
4) Vinyl Chloride	2.18	62	19335	1.037 ug/l	95
5) Bromomethane	2.57	94	12659	1.293 ug/l	95
6) Chloroethane	2.70	64	12895	1.093 ug/l	97
7) Trichlorofluoromethane	3.02	101	23706	1.113 ug/l	91
8) Diethyl Ether	3.41	74	9425	1.092 ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.74	101	7856	0.513 ug/l #	4
10) Methyl Iodide	3.95	142	24243	1.265 ug/l	99
11) Tert butyl alcohol	4.78	59	3743	4.006 ug/l #	82
12) 1,1-Dichloroethene	3.73	96	16617	1.147 ug/l	86
13) Acrolein	3.61	56	9386	10.754 ug/l	91
14) Allyl chloride	4.32	41	22411	1.127 ug/l	97
15) Acrylonitrile	5.00	53	25611	5.307 ug/l #	88
16) Acetone	3.82	43	33538	8.316 ug/l	100
17) Carbon Disulfide	4.05	76	60705	1.383 ug/l	98
18) Methyl Acetate	4.33	43	51766	2.110 ug/l	100
19) Methyl tert-butyl Ether	5.04	73	21382	0.573 ug/l	92
20) Methylene Chloride	4.55	84	20698	1.234 ug/l	92
21) trans-1,2-Dichloroethene	5.04	96	16160	1.084 ug/l	90
22) Diisopropyl ether	5.95	45	42224	0.938 ug/l #	84
23) Vinyl Acetate	5.90	43	131679	4.512 ug/l	97
24) 1,1-Dichloroethane	5.85	63	30429	1.073 ug/l	97
25) 2-Butanone	6.84	43	29961	5.543 ug/l	91
26) 2,2-Dichloropropane	6.83	77	25517	1.084 ug/l	76
27) cis-1,2-Dichloroethene	6.83	96	17153	1.030 ug/l	92
28) Bromochloromethane	7.20	49	11599	0.964 ug/l	96
29) Tetrahydrofuran	7.23	42	17156	4.980 ug/l	96
30) Chloroform	7.37	83	30626	1.060 ug/l	86
31) Cyclohexane	7.66	56	42566	1.525 ug/l #	28
32) 1,1,1-Trichloroethane	7.56	97	25008	1.022 ug/l #	49
36) 1,1-Dichloropropene	7.80	75	20628	0.941 ug/l	97
37) Ethyl Acetate	6.94	43	11478	0.897 ug/l #	90
38) Carbon Tetrachloride	7.77	117	21672	1.016 ug/l	90

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	23947	0.996	ug/l	96
40) Benzene	8.04	78	66910	0.999	ug/l	91
41) Methacrylonitrile	7.18	41	5962	0.873	ug/l #	73
42) 1,2-Dichloroethane	8.12	62	22887	1.071	ug/l	99
43) Isopropyl Acetate	8.18	43	49671	1.644	ug/l #	81
44) Trichloroethene	8.84	130	21796	1.079	ug/l	94
45) 1,2-Dichloropropane	9.12	63	15669	0.906	ug/l	92
46) Dibromomethane	9.21	93	10208	0.975	ug/l #	91
47) Bromodichloromethane	9.40	83	21657	0.972	ug/l #	99
48) Methyl methacrylate	9.20	41	10577	0.931	ug/l	98
49) 1,4-Dioxane	9.21	88	2861	18.726	ug/l #	53
51) 4-Methyl-2-Pentanone	9.99	43	61178	4.879	ug/l	94
52) Toluene	10.16	92	38143	0.943	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	19714	0.924	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	22576	0.906	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	15749	1.046	ug/l	96
56) Ethyl methacrylate	10.43	69	15340	0.869	ug/l	98
57) 1,3-Dichloropropane	10.71	76	22516	0.922	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.70	63	36668	4.462	ug/l	100
59) 2-Hexanone	10.75	43	41023	4.948	ug/l	98
60) Dibromochloromethane	10.90	129	14967	0.919	ug/l	92
61) 1,2-Dibromoethane	11.01	107	14359	0.995	ug/l	98
64) Tetrachloroethene	10.63	164	24256	1.101	ug/l	95
65) Chlorobenzene	11.44	112	46532	1.096	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	15228	0.998	ug/l #	61
67) Ethyl Benzene	11.51	91	68549	0.977	ug/l	96
68) m/p-Xylenes	11.62	106	49357	1.835	ug/l	97
69) o-Xylene	11.95	106	22990	0.893	ug/l	98
70) Styrene	11.97	104	35454	0.851	ug/l	97
71) Bromoform	12.13	173	10001	0.987	ug/l #	98
73) Isopropylbenzene	12.25	105	58146	1.069	ug/l	99
74) N-amyl acetate	12.07	43	17271	1.162	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	17343	1.350	ug/l	96
76) 1,2,3-Trichloropropane	12.56	75	21650	1.826	ug/l #	100
77) Bromobenzene	12.53	156	18908	1.278	ug/l	98
78) n-propylbenzene	12.59	91	65599	1.052	ug/l	97
79) 2-Chlorotoluene	12.68	91	47991	1.216	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	44919	0.994	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.31	75	3435	1.065	ug/l	94
82) 4-Chlorotoluene	12.78	91	45945	1.158	ug/l	98
83) tert-Butylbenzene	12.99	119	41125	1.059	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	46316	0.997	ug/l	95
85) sec-Butylbenzene	13.17	105	50646	0.984	ug/l	100
86) p-Isopropyltoluene	13.29	119	40376	0.906	ug/l	97
87) 1,3-Dichlorobenzene	13.29	146	36750	1.345	ug/l	94
88) 1,4-Dichlorobenzene	13.36	146	38821	1.424	ug/l	87
89) n-Butylbenzene	13.62	91	40582	1.064	ug/l	95
90) Hexachloroethane	13.87	117	5372	1.147	ug/l	88
91) 1,2-Dichlorobenzene	13.66	146	35438	1.335	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	3838	1.712	ug/l	72

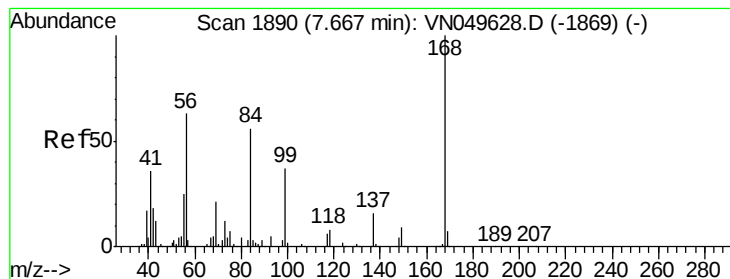
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062918\
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Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:18:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	17502	1.432	ug/l	95
94) Hexachlorobutadiene	15.01	225	12364	1.458	ug/l	98
95) Naphthalene	15.14	128	40891	1.559	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	20567	1.635	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampled :

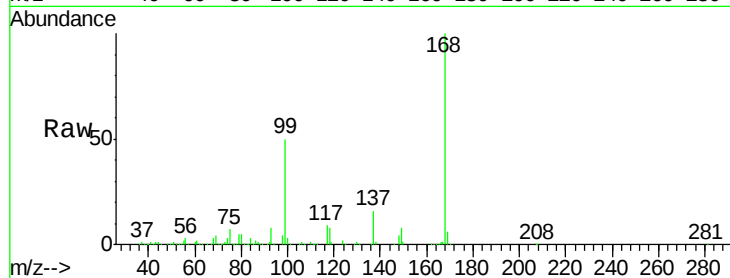
VSTDIC001

Tgt Ion:168 Resp: 1232995

Ion Ratio Lower Upper

168 100

99 49.9 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

500000

400000

300000

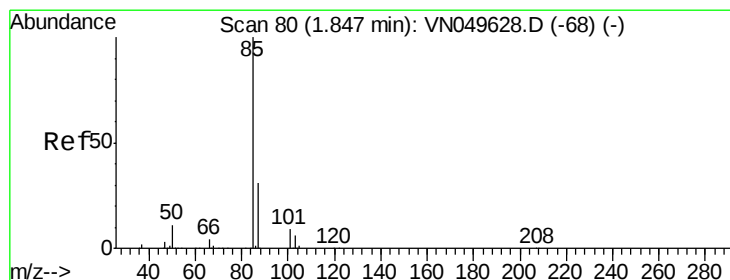
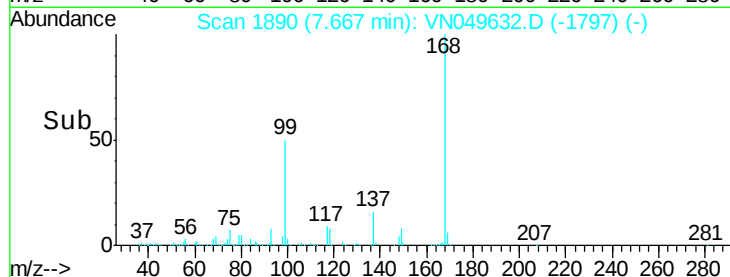
200000

100000

0

Time-->

7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 0.957 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049632.D

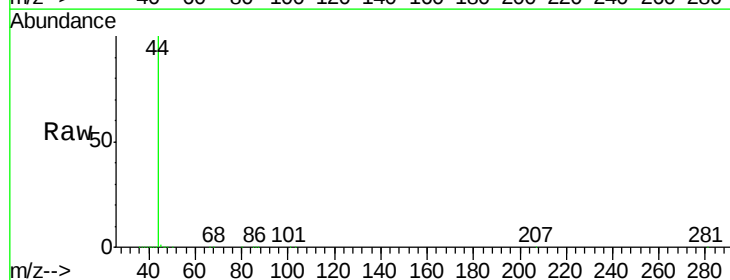
Acq: 29 Jun 2018 14:26

Tgt Ion: 85 Resp: 13292

Ion Ratio Lower Upper

85 100

87 27.3 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

10000

8000

6000

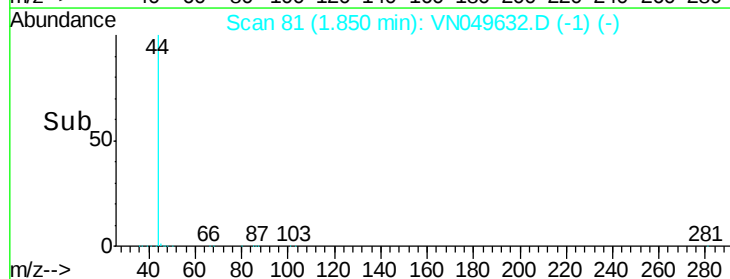
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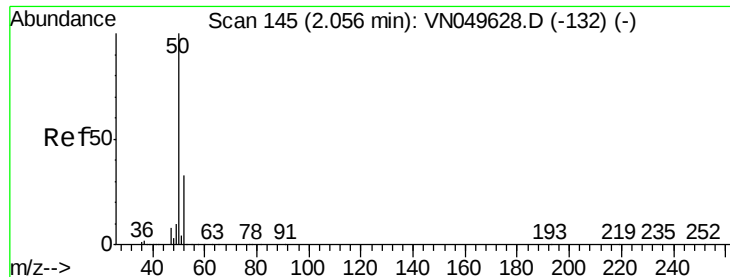
2000

0

Time-->

1.80 1.85 1.90





#3

Chloromethane

Concen: 1.117 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

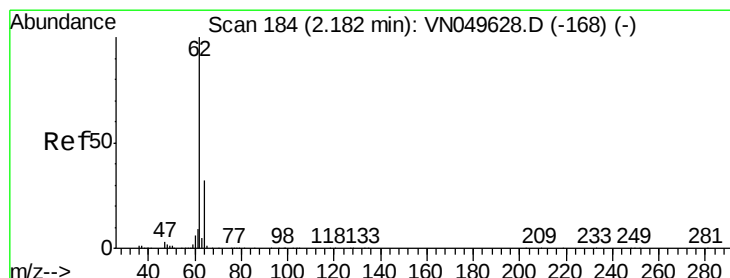
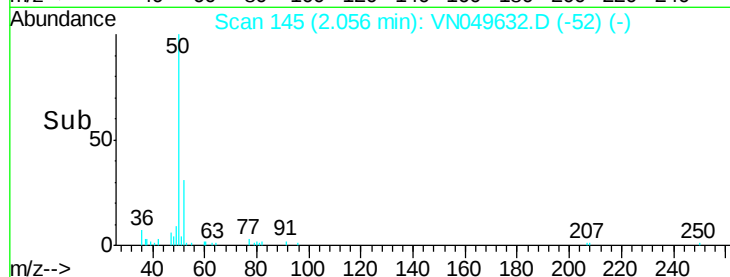
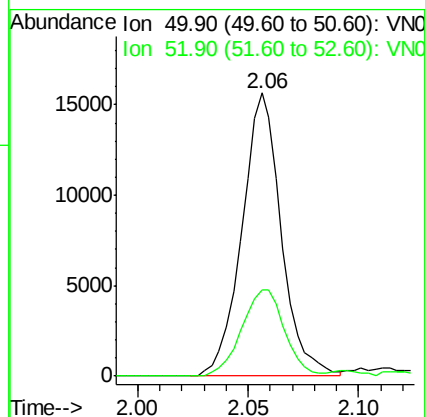
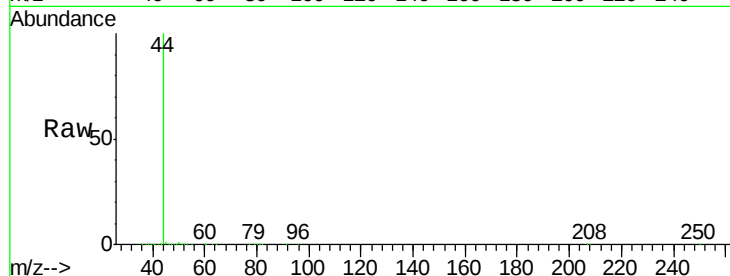
VSTDIC001

Tgt Ion: 50 Resp: 19384

Ion Ratio Lower Upper

50 100

52 30.6 26.1 39.1



#4

Vinyl Chloride

Concen: 1.037 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049632.D

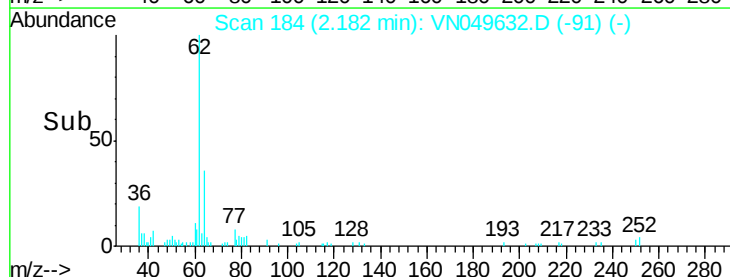
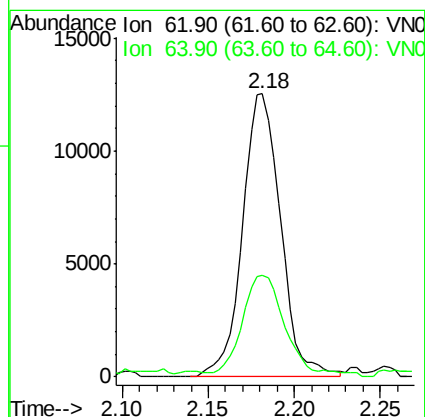
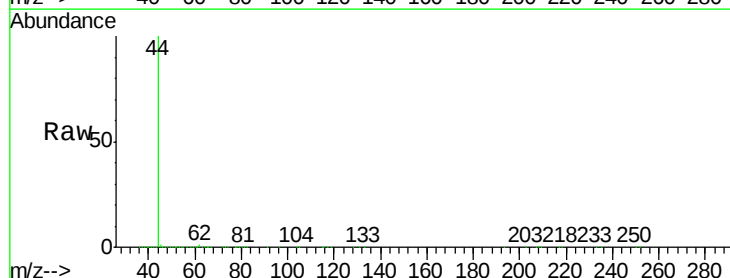
Acq: 29 Jun 2018 14:26

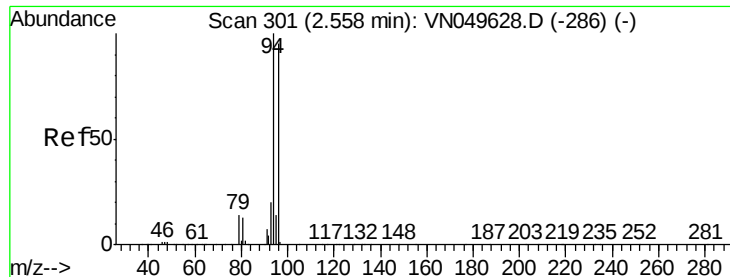
Tgt Ion: 62 Resp: 19335

Ion Ratio Lower Upper

62 100

64 34.4 25.4 38.0





#5

Bromomethane

Concen: 1.293 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

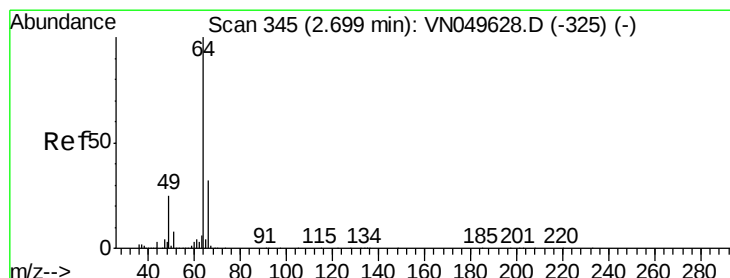
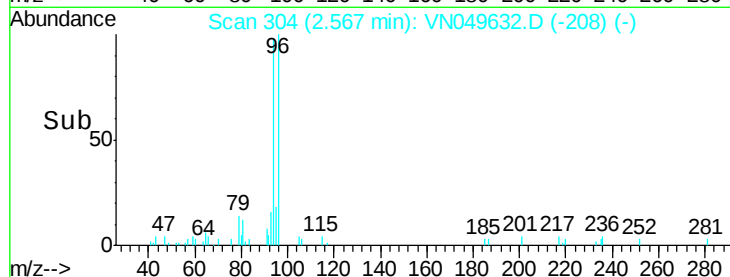
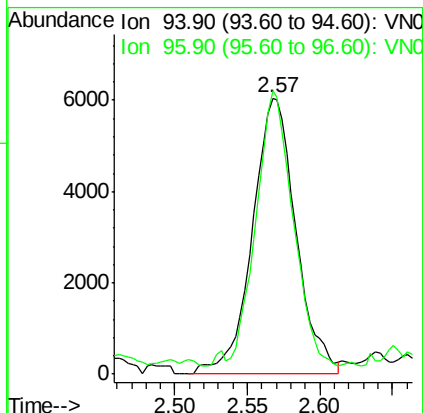
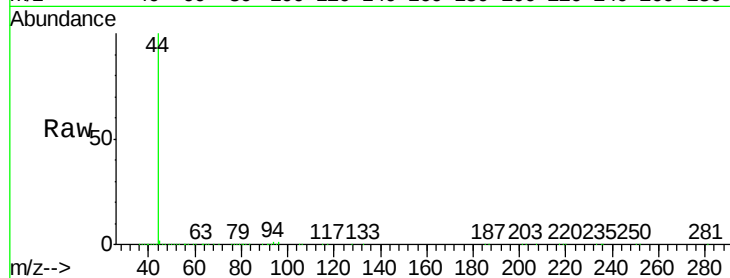
VSTDIC001

Tgt Ion: 94 Resp: 12659

Ion Ratio Lower Upper

94 100

96 99.5 75.7 113.5



#6

Chloroethane

Concen: 1.093 ug/l

RT: 2.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VN049632.D

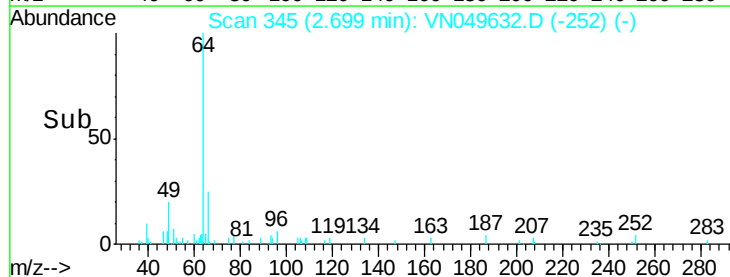
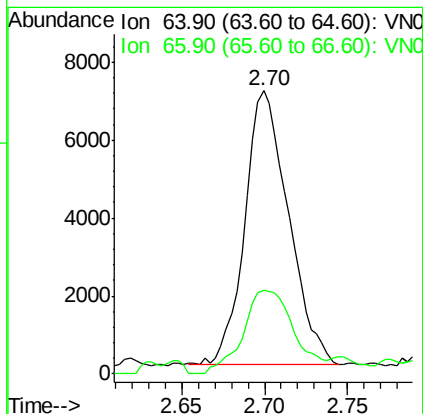
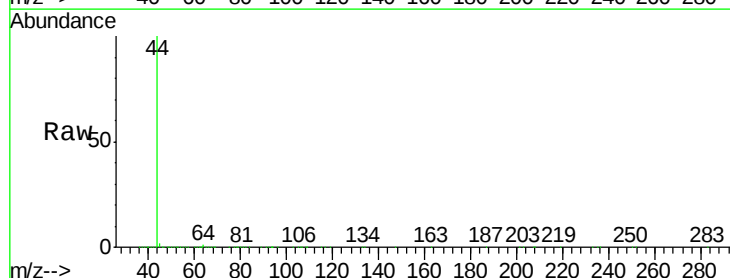
Acq: 29 Jun 2018 14:26

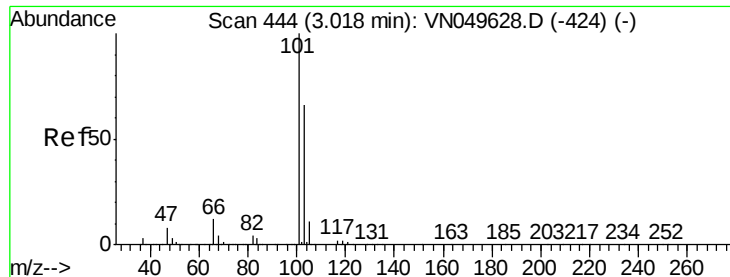
Tgt Ion: 64 Resp: 12895

Ion Ratio Lower Upper

64 100

66 30.5 25.6 38.4



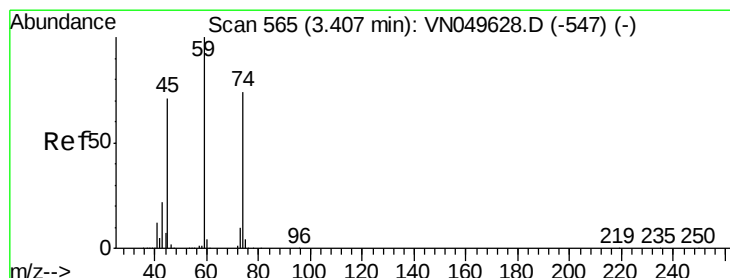
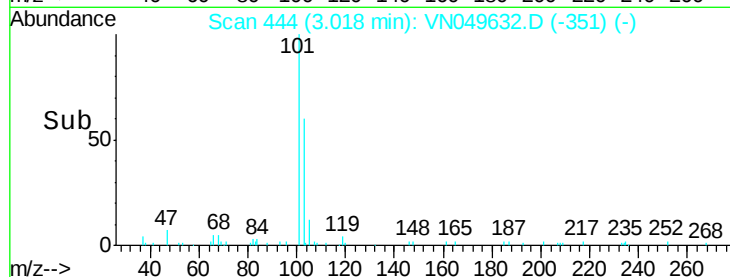
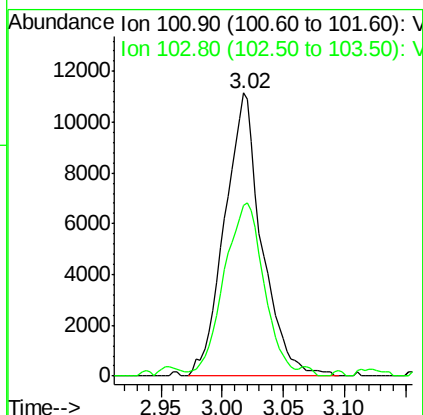
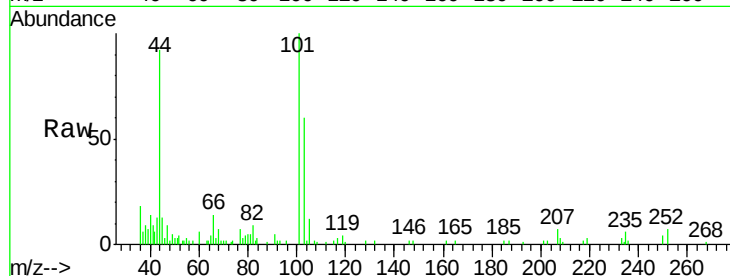


#7

Trichlorofluoromethane
Concen: 1.113 ug/l
RT: 3.02 min Scan# 444
Delta R.T. -0.00 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

Instrument :
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ClientSampleId :
VSTDIC001

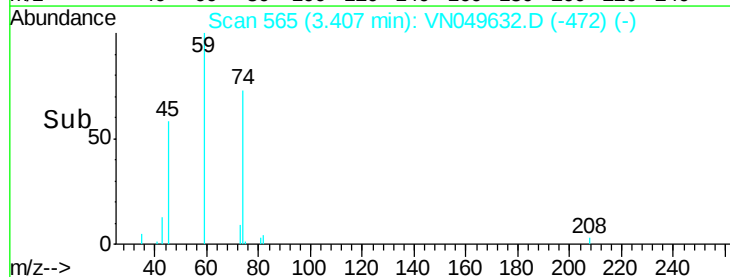
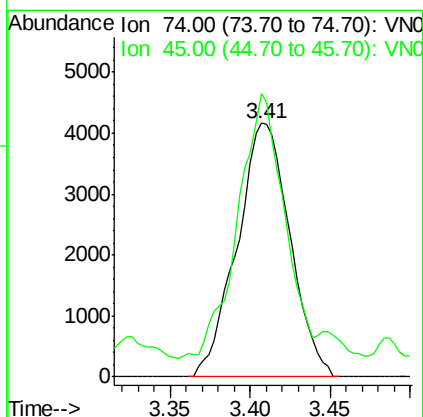
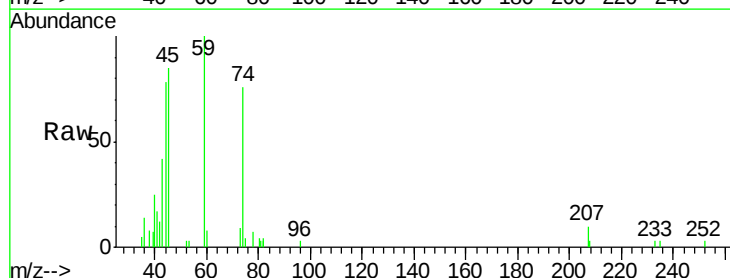
Tgt Ion: 101 Resp: 23706
Ion Ratio Lower Upper
101 100
103 58.5 52.8 79.2

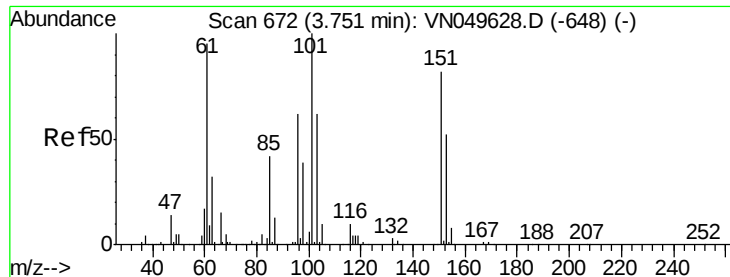


#8

Diethyl Ether
Concen: 1.092 ug/l
RT: 3.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

Tgt Ion: 74 Resp: 9425
Ion Ratio Lower Upper
74 100
45 88.6 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.513 ug/l

RT: 3.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

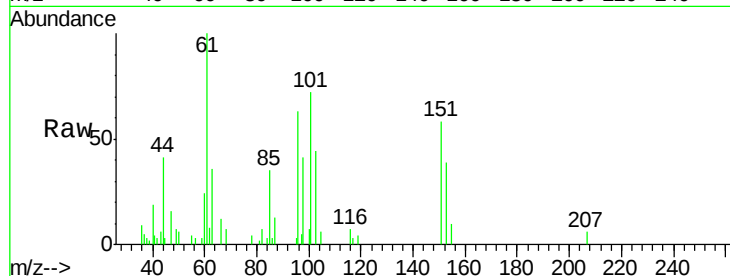
Tgt Ion:101 Resp: 7856

Ion Ratio Lower Upper

101 100

85 88.9 34.4 51.6#

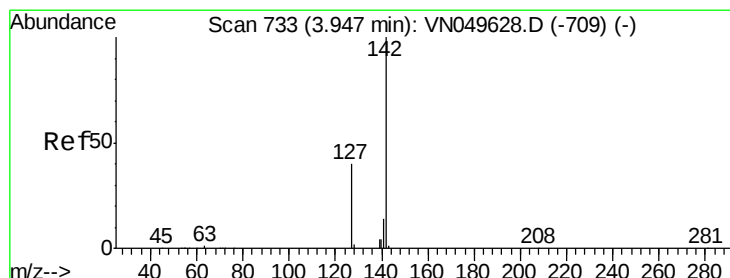
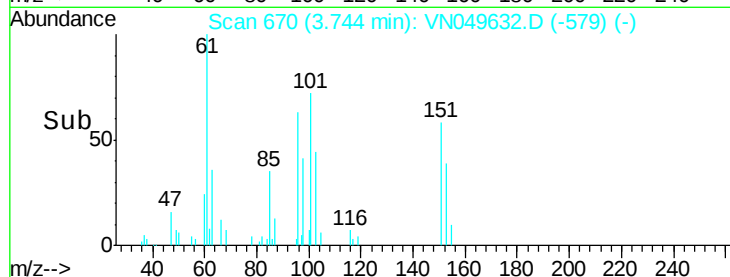
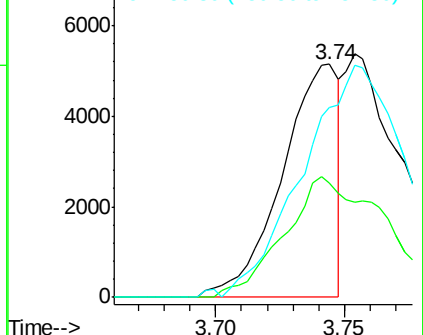
151 180.8 66.2 99.4#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 1.265 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

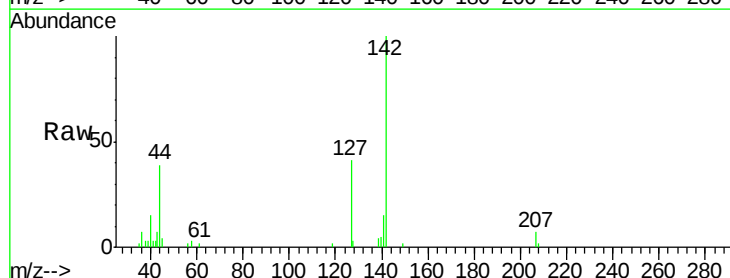
Tgt Ion:142 Resp: 24243

Ion Ratio Lower Upper

142 100

127 41.0 32.5 48.7

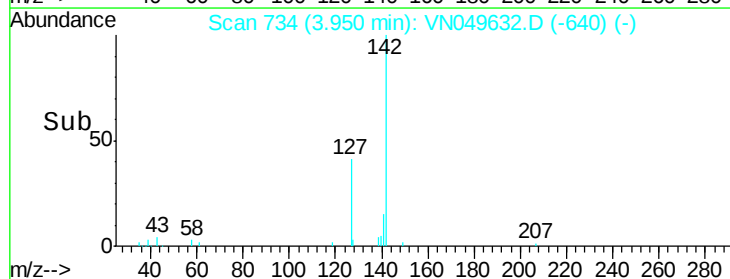
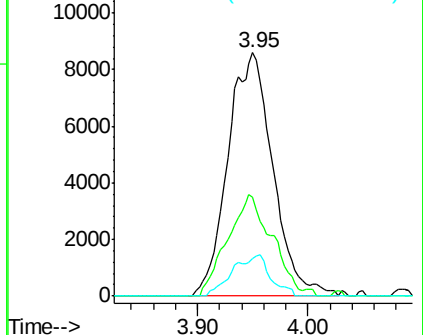
141 14.1 11.1 16.7

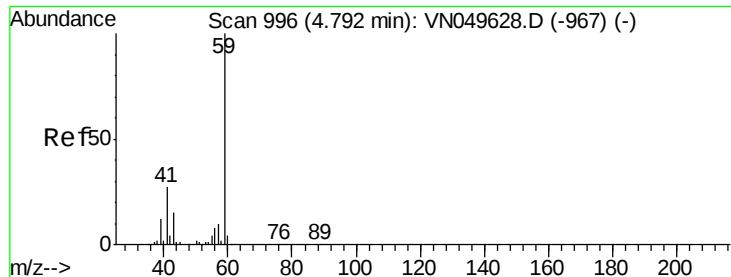


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



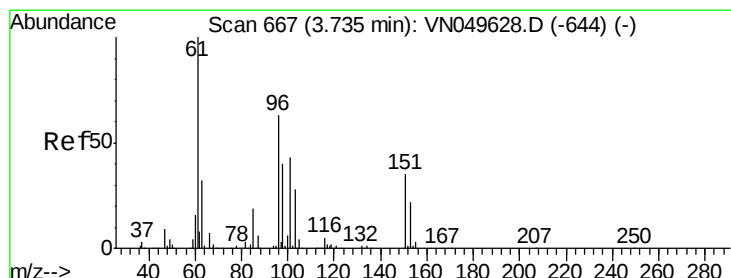
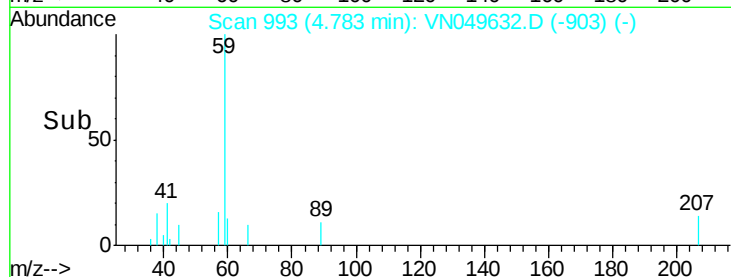
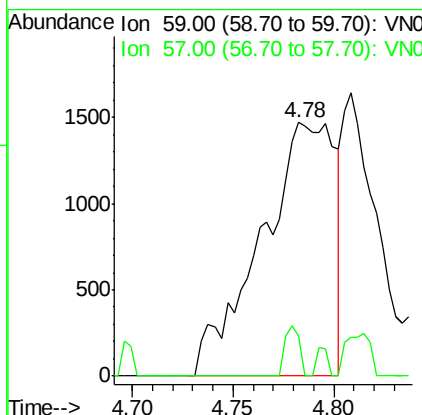
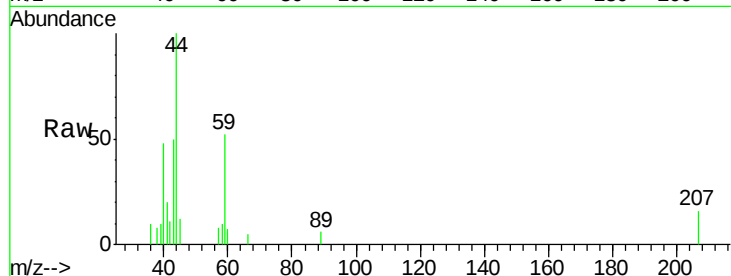


#11

Tert butyl alcohol
Concen: 4.006 ug/l
RT: 4.78 min Scan# 993
Delta R.T. -0.01 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

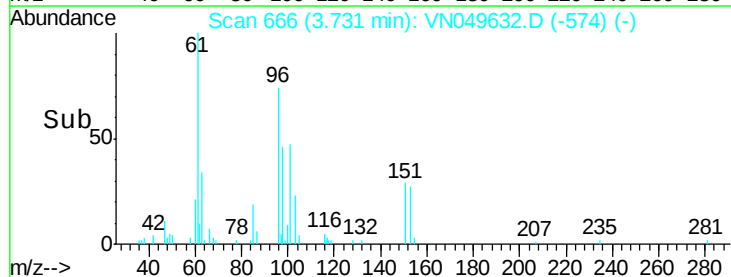
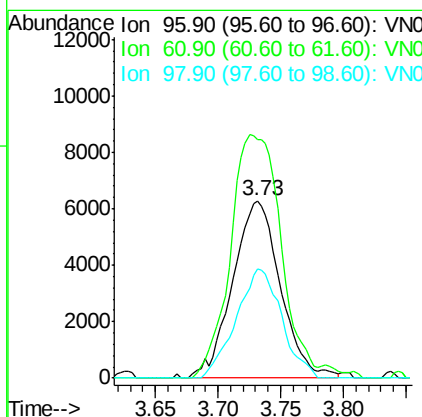
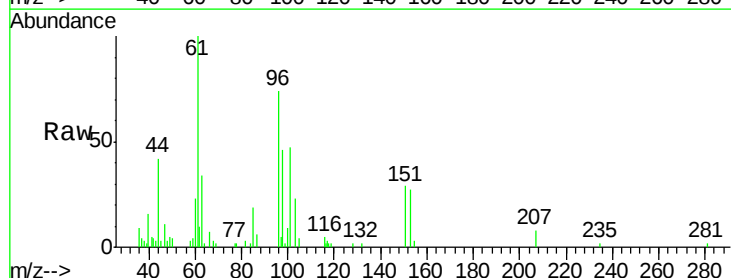
Tgt Ion: 59 Resp: 3743
Ion Ratio Lower Upper
59 100
57 3.9 8.5 12.7#

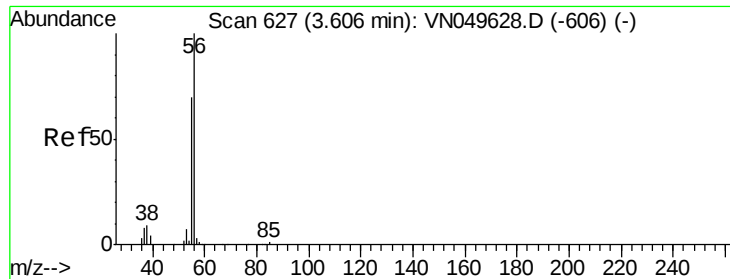


#12

1,1-Dichloroethene
Concen: 1.147 ug/l
RT: 3.73 min Scan# 666
Delta R.T. -0.00 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

Tgt Ion: 96 Resp: 16617
Ion Ratio Lower Upper
96 100
61 134.4 126.5 189.7
98 61.7 51.0 76.6





#13

Acrolein

Concen: 10.754 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

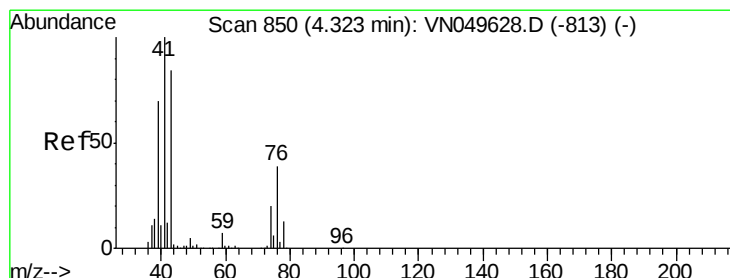
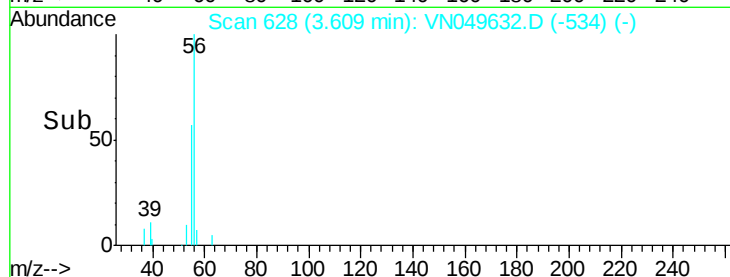
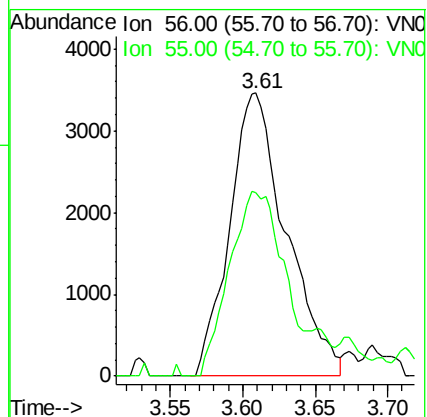
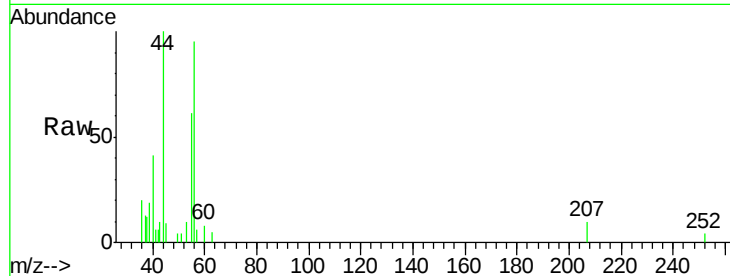
VSTDIC001

Tgt Ion: 56 Resp: 9386

Ion Ratio Lower Upper

56 100

55 62.8 55.8 83.8



#14

Allyl chloride

Concen: 1.127 ug/l

RT: 4.32 min Scan# 848

Delta R.T. -0.01 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

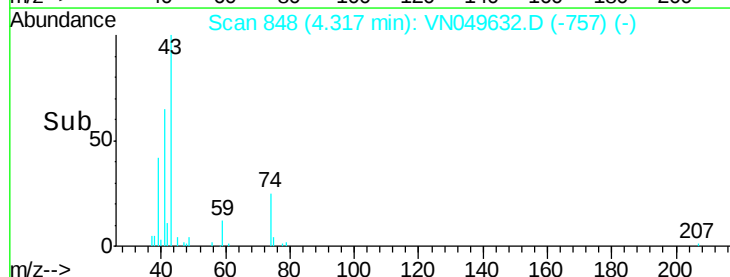
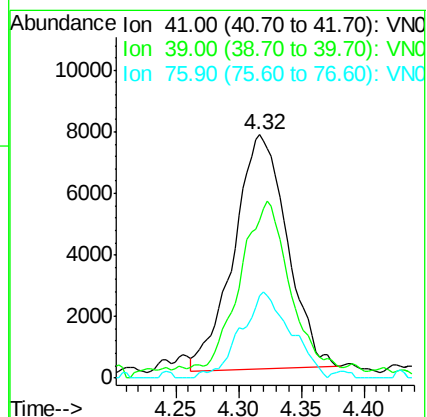
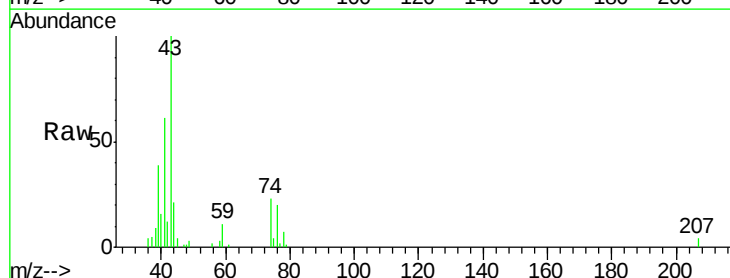
Tgt Ion: 41 Resp: 22411

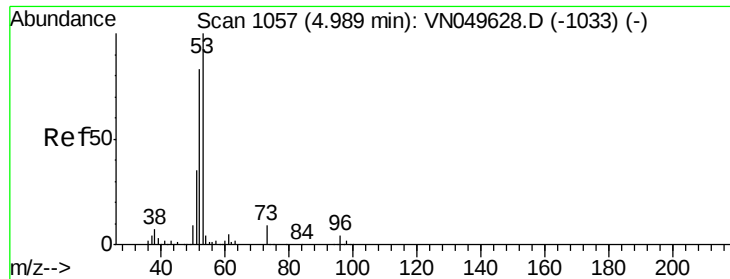
Ion Ratio Lower Upper

41 100

39 64.6 53.2 79.8

76 34.6 29.0 43.6





#15

Acrylonitrile

Concen: 5.307 ug/l

RT: 5.00 min Scan# 1060

Delta R.T. 0.01 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

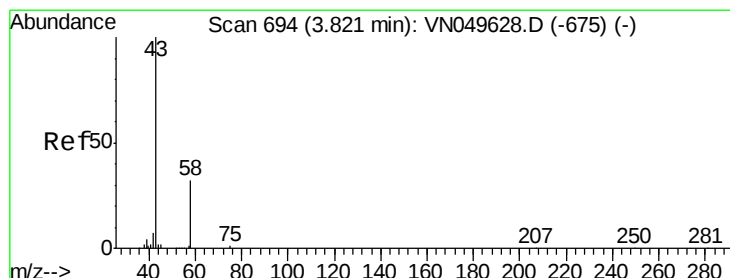
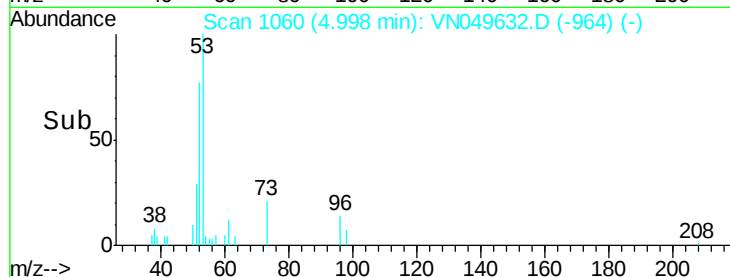
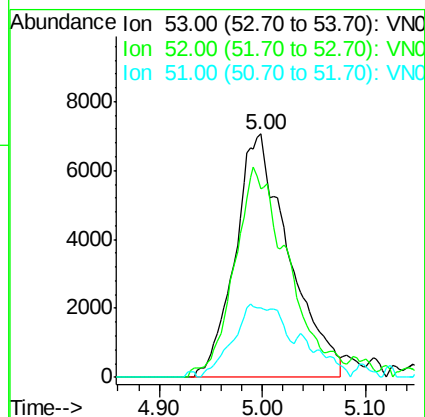
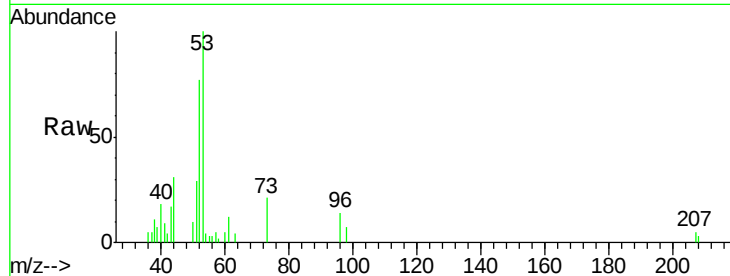
Tgt Ion: 53 Resp: 25611

Ion Ratio Lower Upper

53 100

52 84.2 64.8 97.2

51 18.4 28.9 43.3#



#16

Acetone

Concen: 8.316 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049632.D

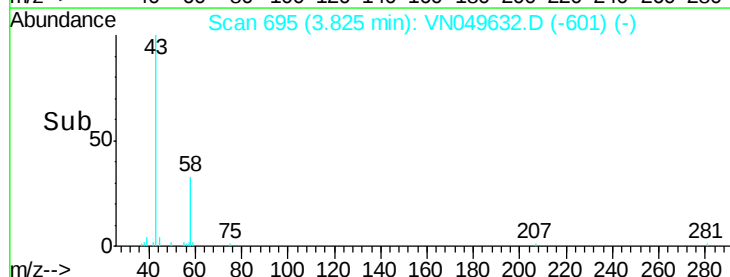
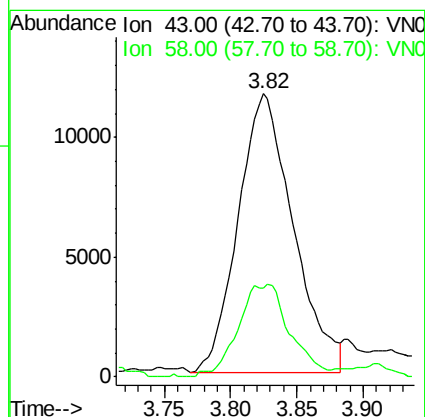
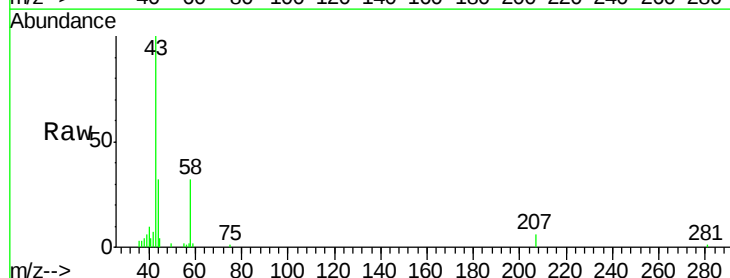
Acq: 29 Jun 2018 14:26

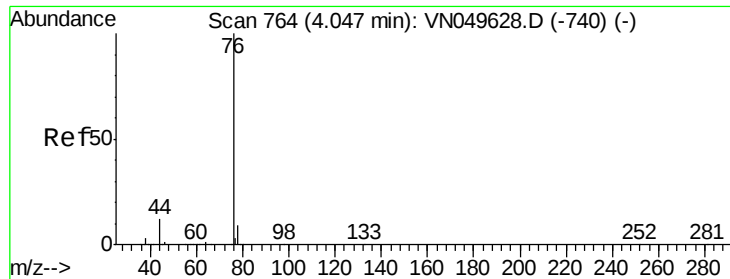
Tgt Ion: 43 Resp: 33538

Ion Ratio Lower Upper

43 100

58 32.1 25.9 38.9

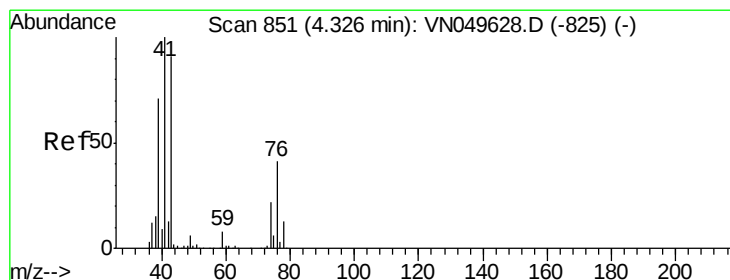
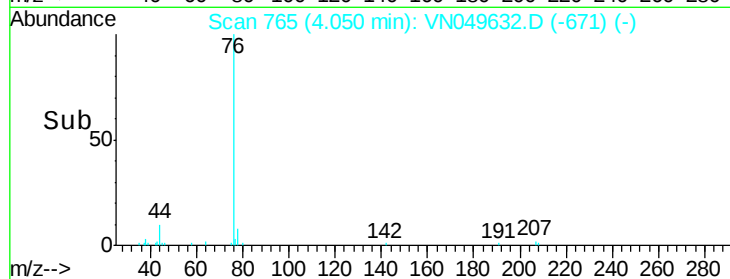
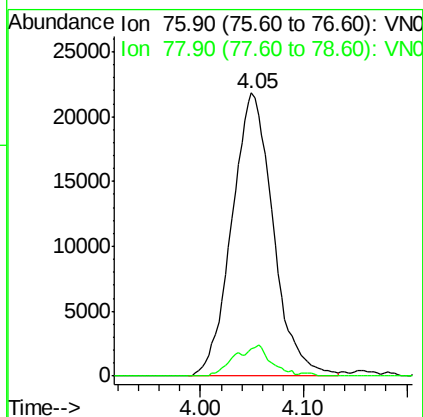
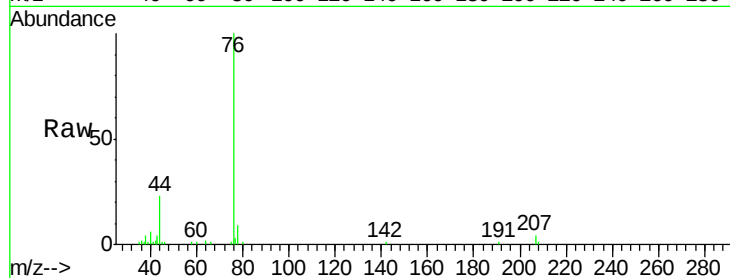




#17
Carbon Disulfide
Concen: 1.383 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

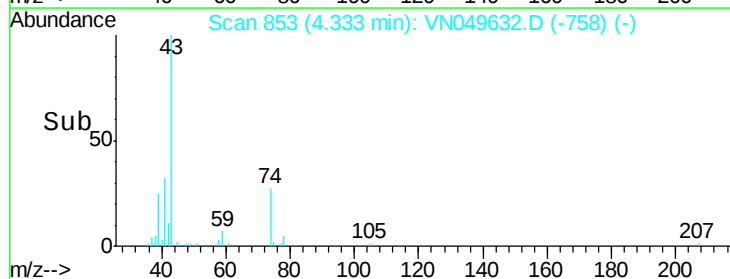
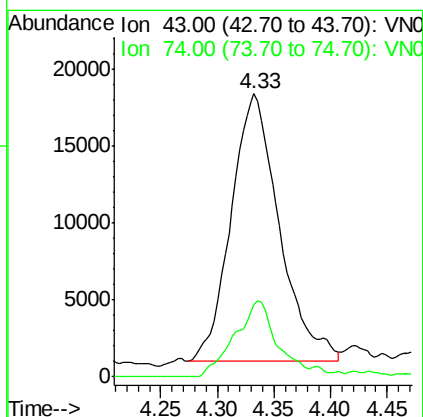
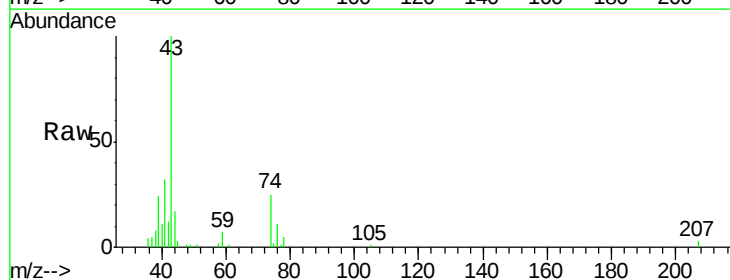
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

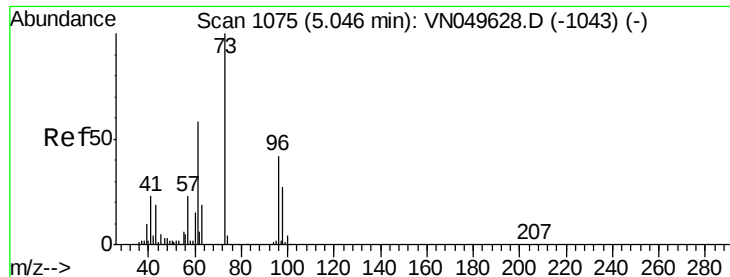
Tgt Ion: 76 Resp: 60705
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 2.110 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

Tgt Ion: 43 Resp: 51766
Ion Ratio Lower Upper
43 100
74 24.7 19.8 29.8





#19

Methyl tert-butyl Ether

Concen: 0.573 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

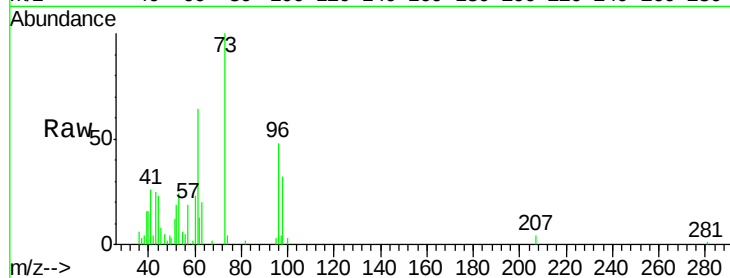
VSTDIC001

Tgt Ion: 73 Resp: 21382

Ion Ratio Lower Upper

73 100

57 18.7 18.1 27.1

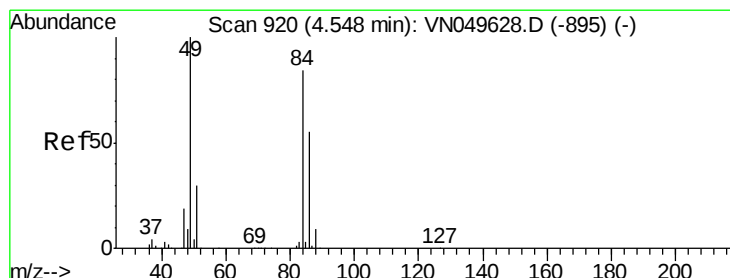
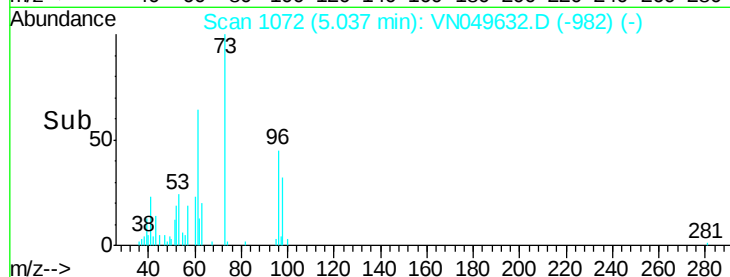


Abundance Ion 73.00 (72.70 to 73.70): VN049632.D (-1043) (-)

Ion 57.00 (56.70 to 57.70): VN049632.D (-1043) (-)

5.04

Time-->



#20

Methylene Chloride

Concen: 1.234 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Tgt Ion: 84 Resp: 20698

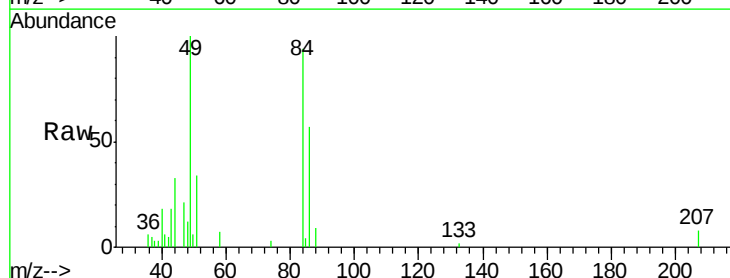
Ion Ratio Lower Upper

84 100

49 106.5 95.4 143.2

51 35.8 28.4 42.6

86 60.5 52.6 79.0



Abundance Ion 83.90 (83.60 to 84.60): VN049632.D (-895) (-)

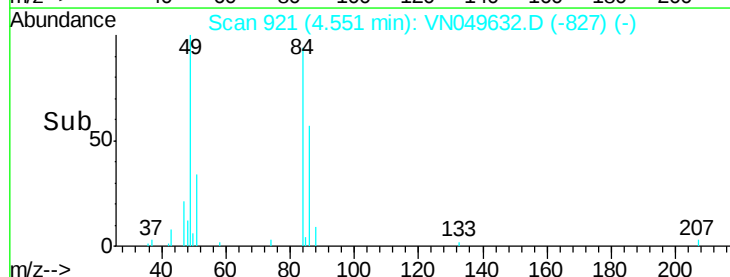
Ion 48.90 (48.60 to 49.60): VN049632.D (-895) (-)

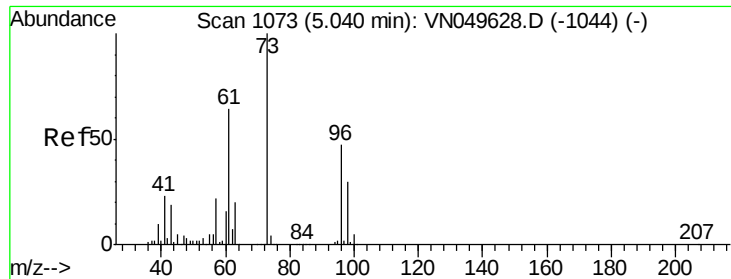
Ion 50.90 (50.60 to 51.60): VN049632.D (-895) (-)

Ion 85.90 (85.60 to 86.60): VN049632.D (-895) (-)

4.55

Time-->





#21

trans-1,2-Dichloroethene

Concen: 1.084 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

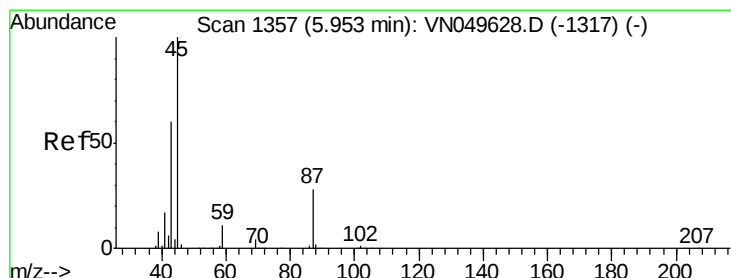
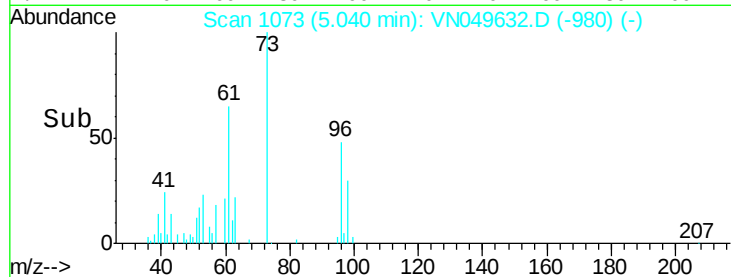
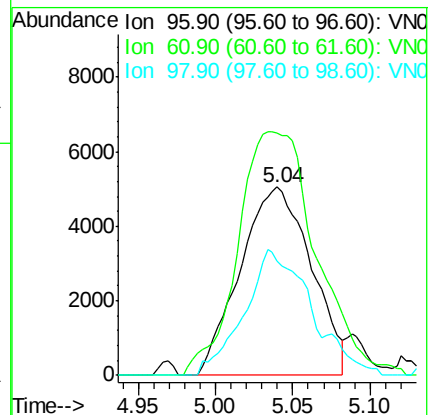
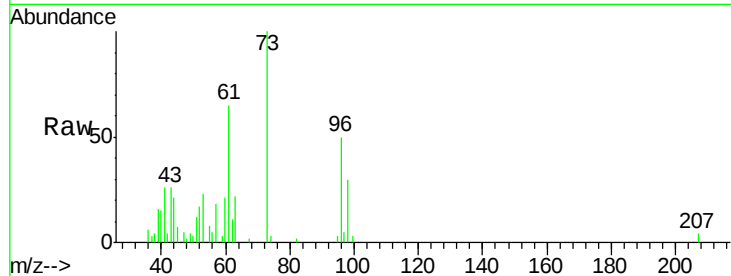
Tgt Ion: 96 Resp: 16160

Ion Ratio Lower Upper

96 100

61 120.2 109.0 163.6

98 60.5 51.1 76.7



#22

Diisopropyl ether

Concen: 0.938 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Tgt Ion: 45 Resp: 42224

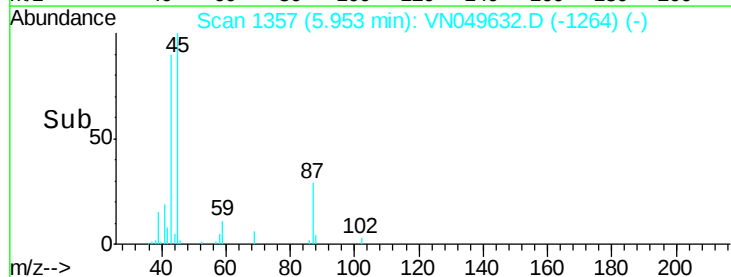
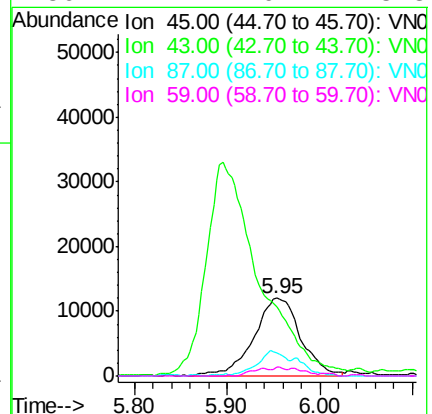
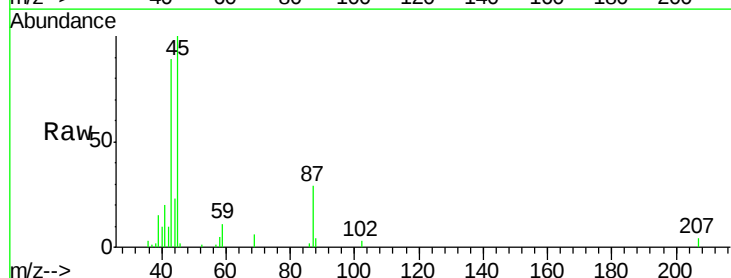
Ion Ratio Lower Upper

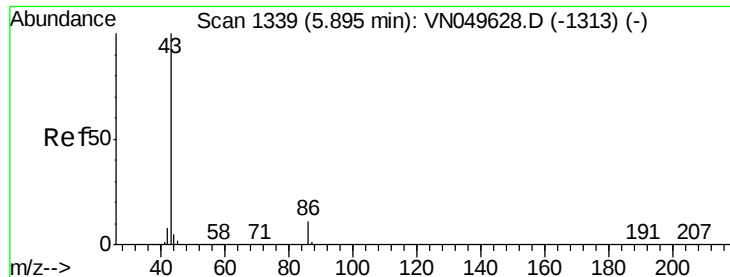
45 100

43 80.0 48.1 72.1#

87 29.0 22.6 34.0

59 11.1 9.2 13.8





#23

Vinyl Acetate

Concen: 4.512 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

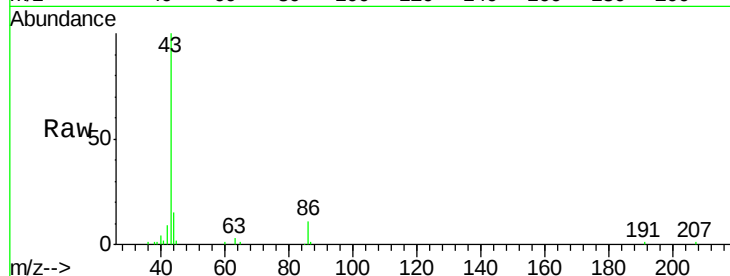
VSTDIC001

Tgt Ion: 43 Resp: 131679

Ion Ratio Lower Upper

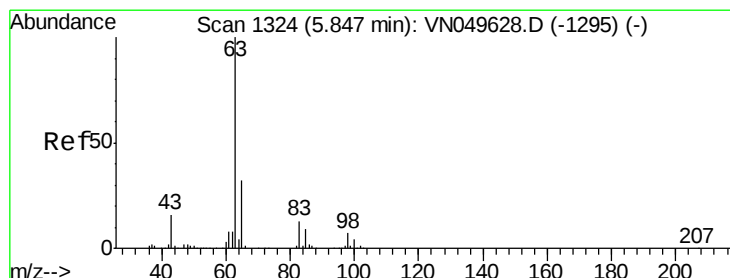
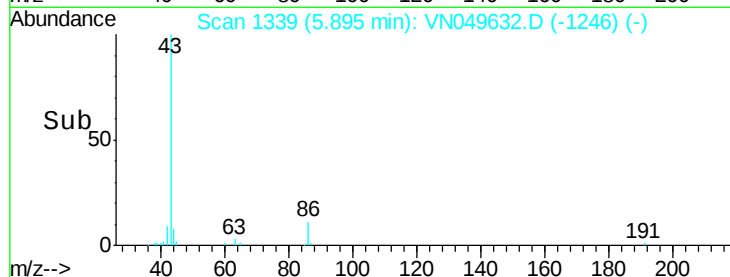
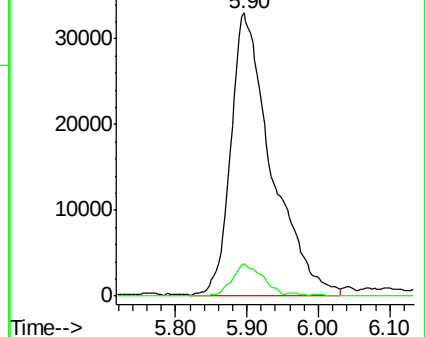
43 100

86 11.5 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN049632.D (-1246) (-)

Ion 86.00 (85.70 to 86.70): VN049632.D (-1246) (-)



#24

1,1-Dichloroethane

Concen: 1.073 ug/l

RT: 5.85 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

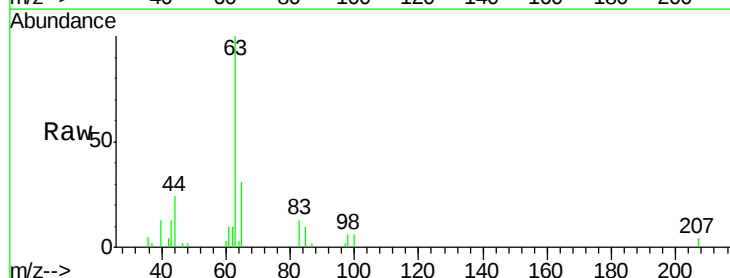
Tgt Ion: 63 Resp: 30429

Ion Ratio Lower Upper

63 100

98 6.1 3.4 10.2

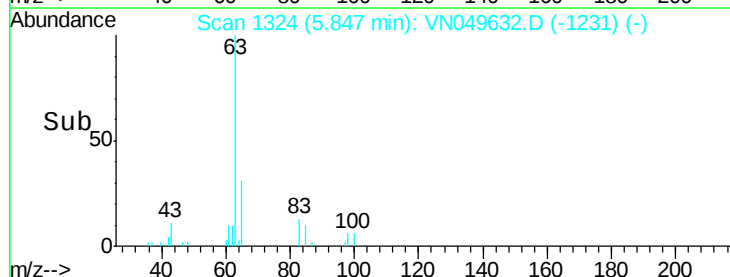
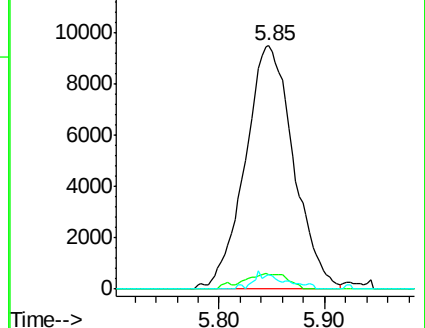
100 5.8 2.2 6.6

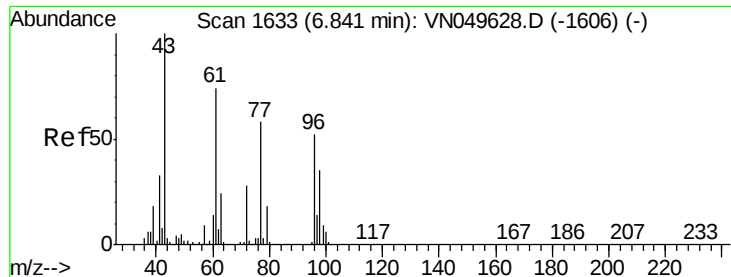


Abundance Ion 62.90 (62.60 to 63.60): VN049632.D (-1231) (-)

Ion 97.90 (97.60 to 98.60): VN049632.D (-1231) (-)

Ion 99.90 (99.60 to 100.60): VN049632.D (-1231) (-)

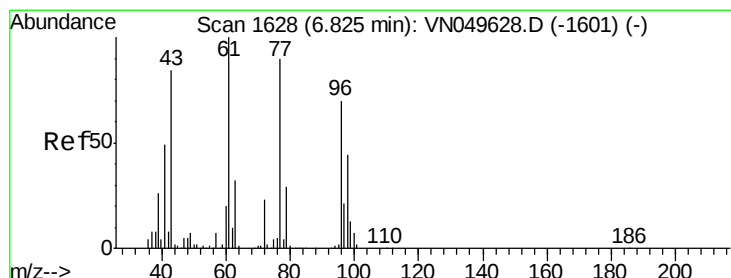
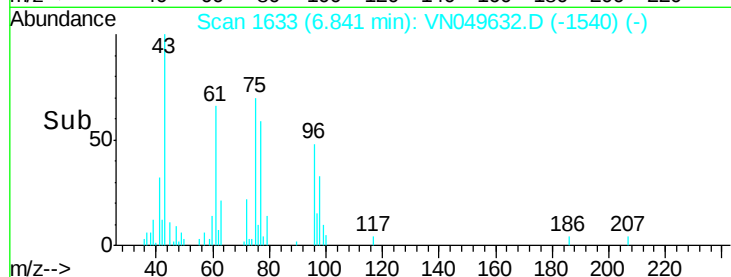
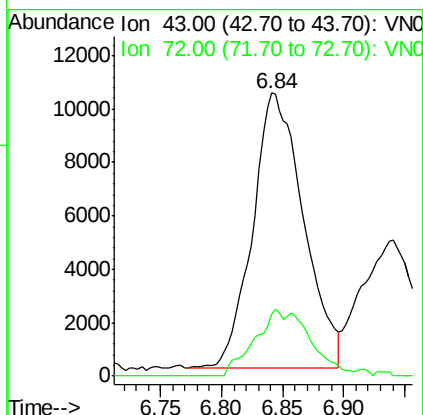
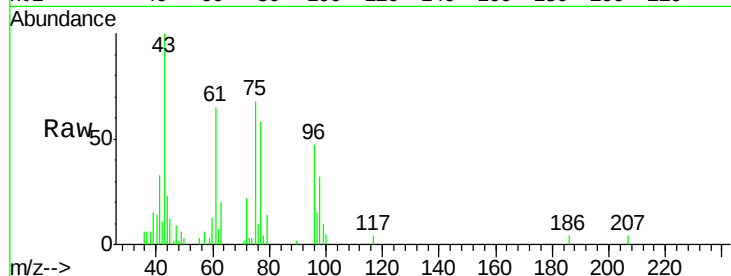




#25
2-Butanone
Concen: 5.543 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

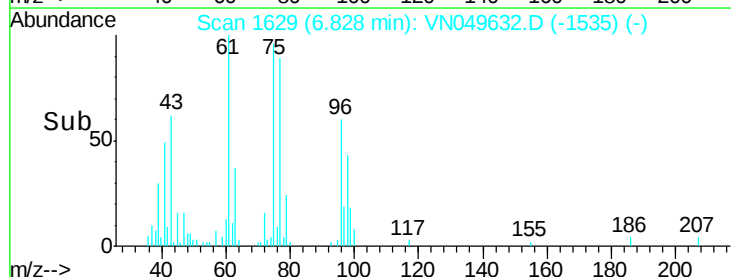
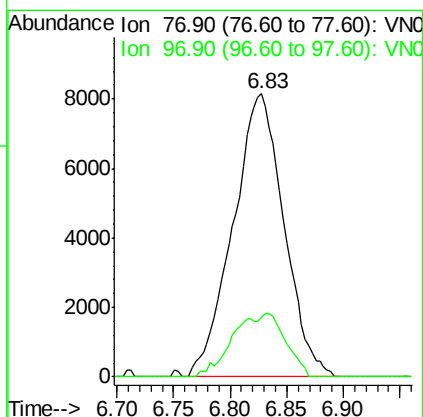
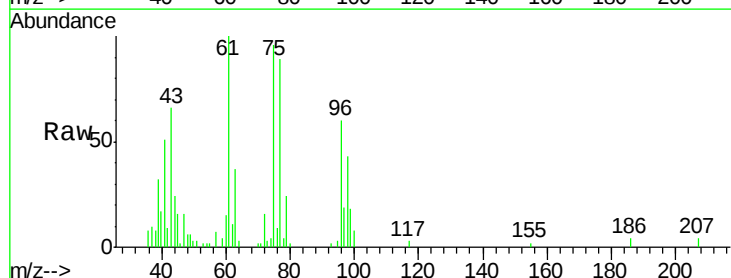
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

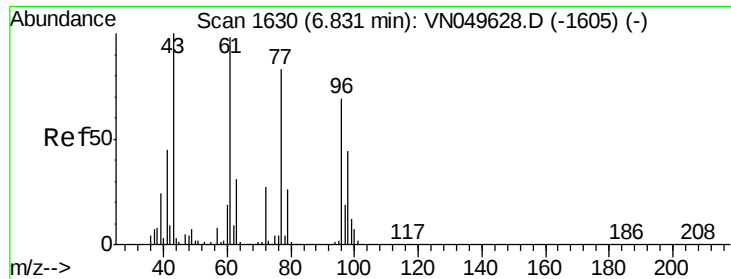
Tgt Ion: 43 Resp: 29961
Ion Ratio Lower Upper
43 100
72 22.6 22.1 33.1



#26
2,2-Dichloropropane
Concen: 1.084 ug/l
RT: 6.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

Tgt Ion: 77 Resp: 25517
Ion Ratio Lower Upper
77 100
97 12.1 11.9 35.5

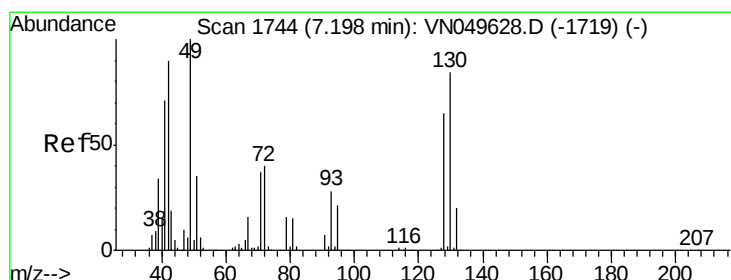
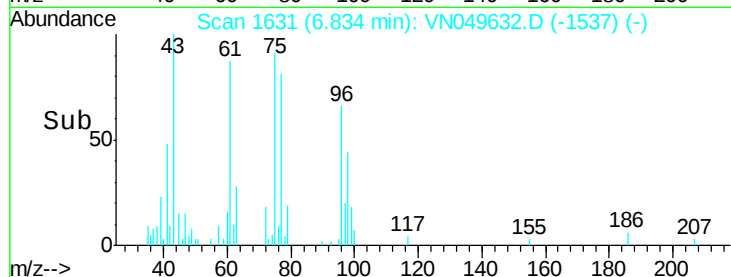
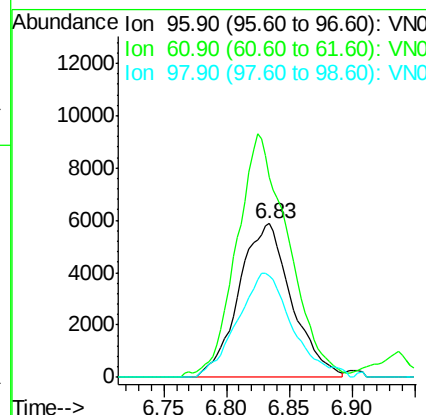
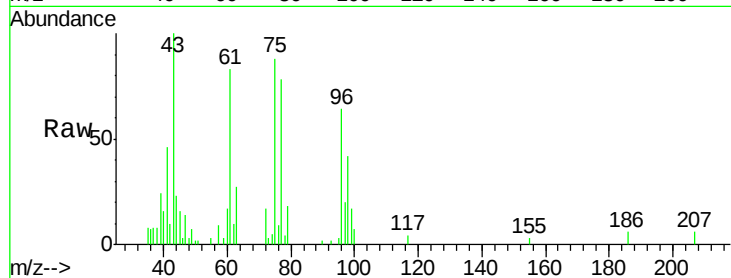




#27
 cis-1,2-Dichloroethene
 Concen: 1.030 ug/l
 RT: 6.83 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VN049632.D
 Acq: 29 Jun 2018 14:26

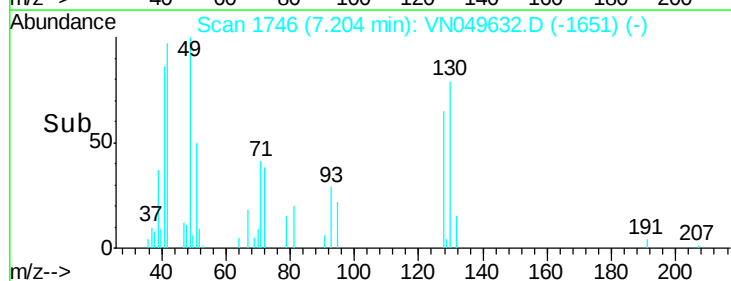
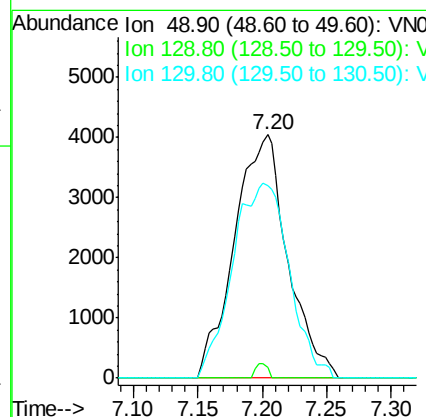
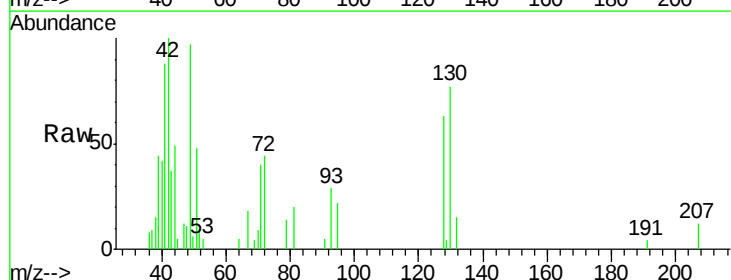
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

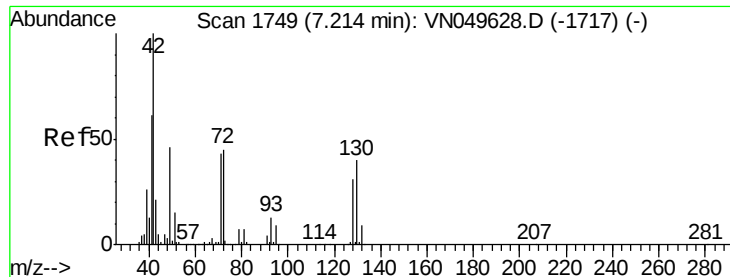
Tgt Ion: 96 Resp: 17153
 Ion Ratio Lower Upper
 96 100
 61 155.9 0.0 289.0
 98 70.5 0.0 130.2



#28
 Bromochloromethane
 Concen: 0.964 ug/l
 RT: 7.20 min Scan# 1746
 Delta R.T. 0.01 min
 Lab File: VN049632.D
 Acq: 29 Jun 2018 14:26

Tgt Ion: 49 Resp: 11599
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.2
 130 85.4 65.5 98.3





#29

Tetrahydrofuran

Concen: 4.980 ug/l

RT: 7.23 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

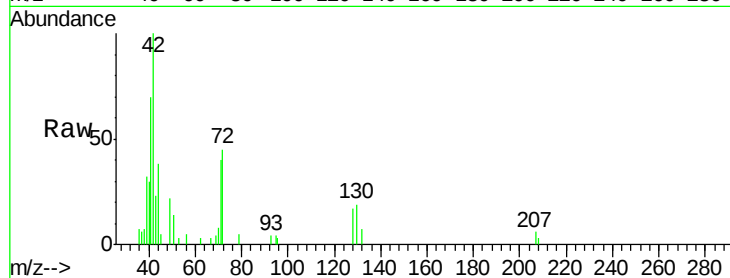
Tgt Ion: 42 Resp: 17156

Ion Ratio Lower Upper

42 100

72 49.1 35.6 53.4

71 42.0 34.0 51.0

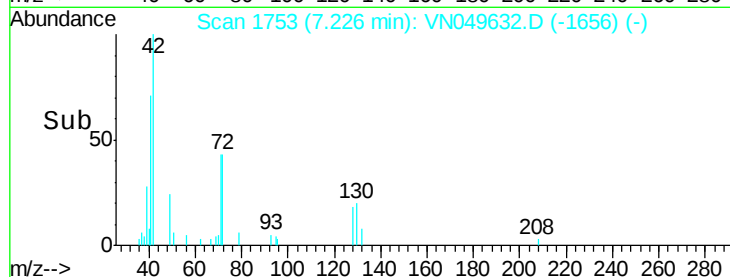


Abundance Ion 42.00 (41.70 to 42.70): VN049632.D (-1656) (-)

Ion 72.00 (71.70 to 72.70): VN049632.D (-1656) (-)

Ion 71.00 (70.70 to 71.70): VN049632.D (-1656) (-)

Time-->



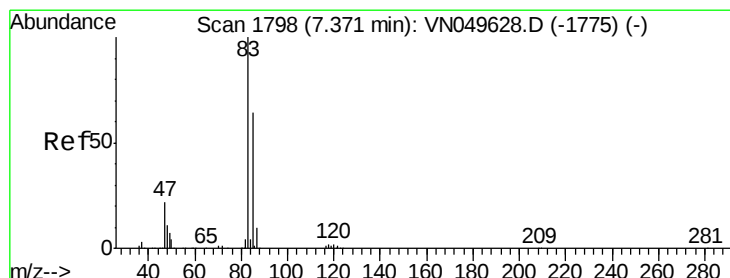
Abundance

Ion 42.00 (41.70 to 42.70): VN049632.D (-1656) (-)

Ion 72.00 (71.70 to 72.70): VN049632.D (-1656) (-)

Ion 71.00 (70.70 to 71.70): VN049632.D (-1656) (-)

Time-->



#30

Chloroform

Concen: 1.060 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN049632.D

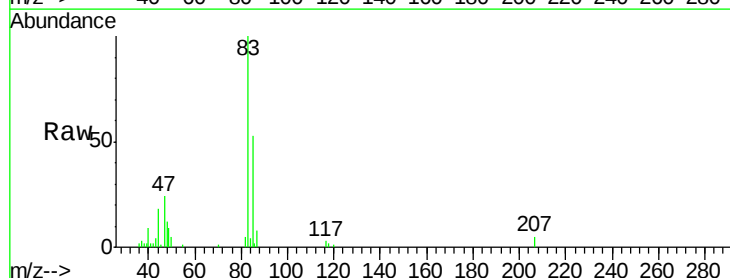
Acq: 29 Jun 2018 14:26

Tgt Ion: 83 Resp: 30626

Ion Ratio Lower Upper

83 100

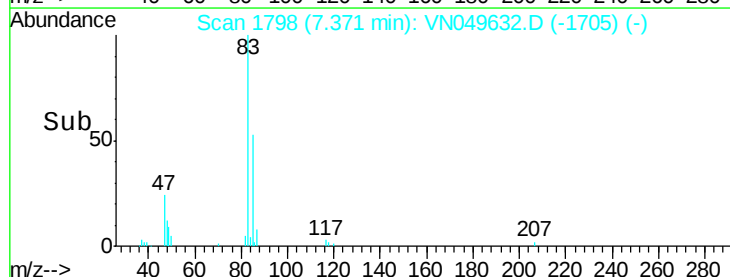
85 53.4 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN049632.D (-1705) (-)

Ion 84.90 (84.60 to 85.60): VN049632.D (-1705) (-)

Time-->

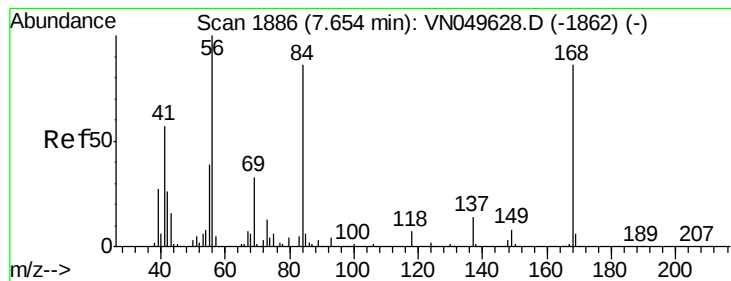


Abundance

Ion 82.90 (82.60 to 83.60): VN049632.D (-1705) (-)

Ion 84.90 (84.60 to 85.60): VN049632.D (-1705) (-)

Time-->



#31

Cyclohexane

Concen: 1.525 ug/l

RT: 7.66 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

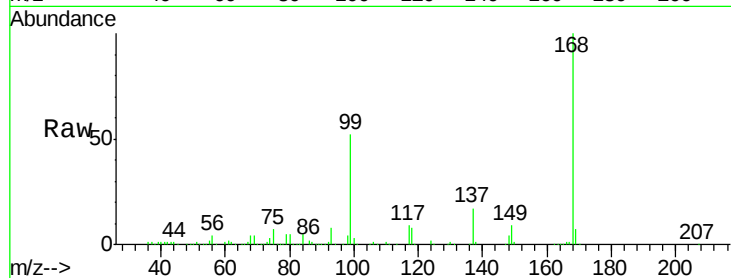
Tgt Ion: 56 Resp: 42566

Ion Ratio Lower Upper

56 100

69 114.9 26.6 40.0#

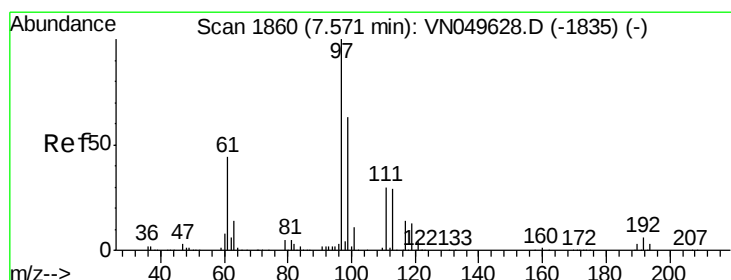
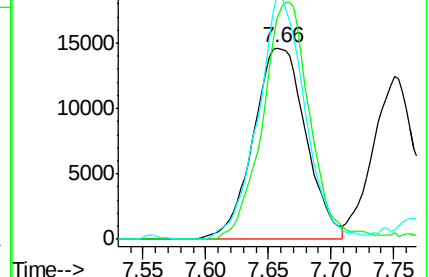
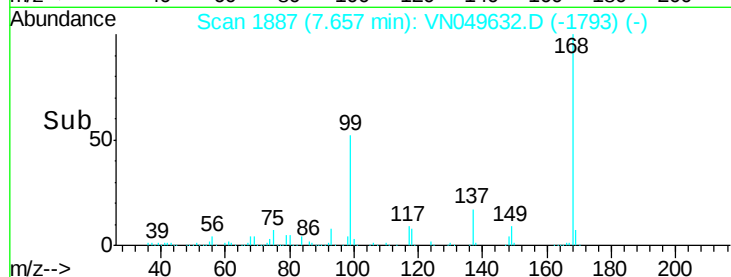
84 127.0 69.0 103.6#



Abundance Ion 56.00 (55.70 to 56.70): VN049632.D (-1793) (-)

Ion 69.00 (68.70 to 69.70): VN049632.D (-1793) (-)

Ion 84.00 (83.70 to 84.70): VN049632.D (-1793) (-)



#32

1,1,1-Trichloroethane

Concen: 1.022 ug/l

RT: 7.56 min Scan# 1857

Delta R.T. -0.01 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

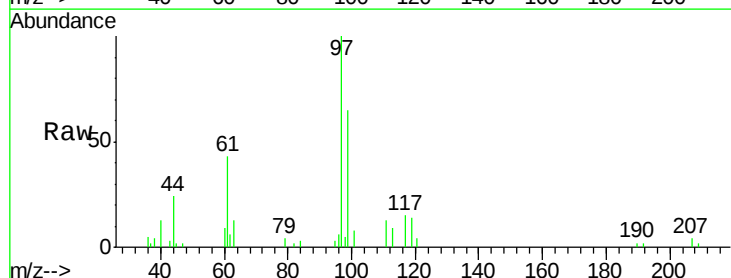
Tgt Ion: 97 Resp: 25008

Ion Ratio Lower Upper

97 100

99 0.0 51.0 76.4#

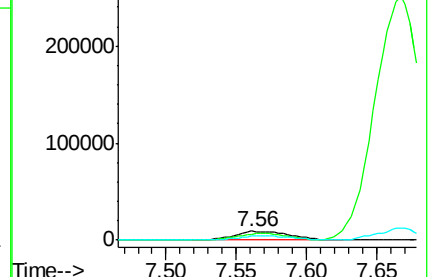
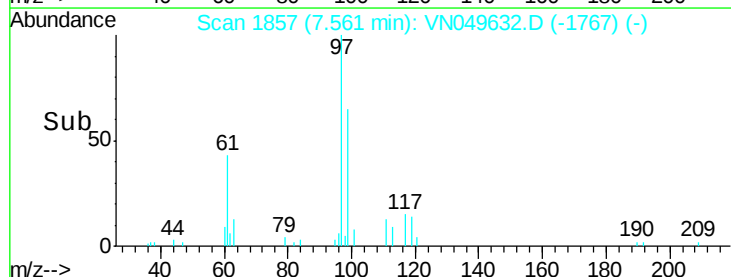
61 49.5 35.5 53.3

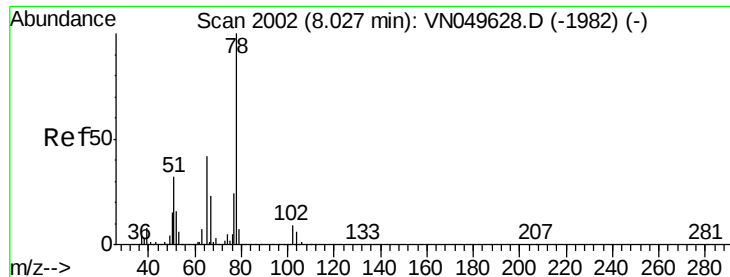


Abundance Ion 96.90 (96.60 to 97.60): VN049632.D (-1767) (-)

Ion 98.90 (98.60 to 99.60): VN049632.D (-1767) (-)

Ion 60.90 (60.60 to 61.60): VN049632.D (-1767) (-)

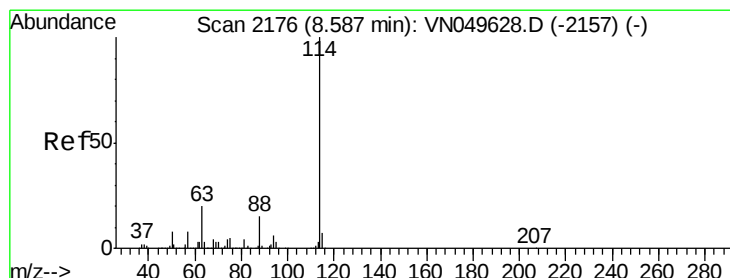
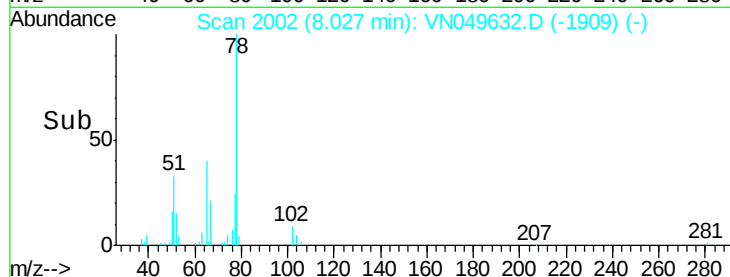
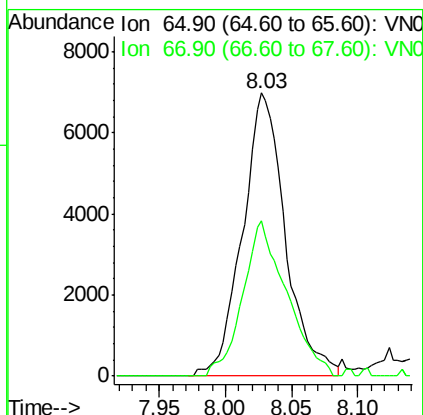
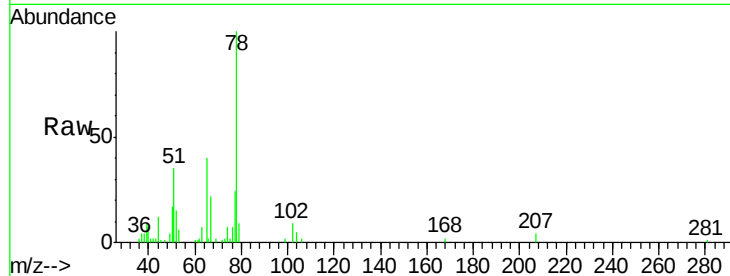




#33
 1,2-Dichloroethane-d4
 Concen: 0.964 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN049632.D
 Acq: 29 Jun 2018 14:26

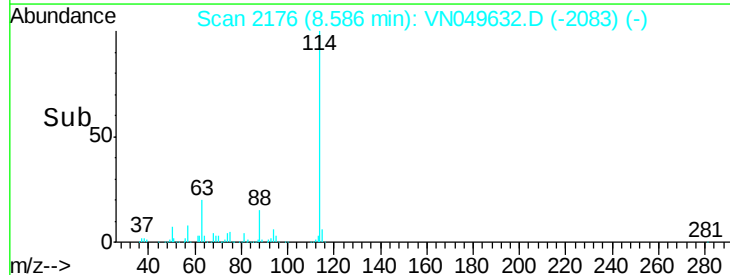
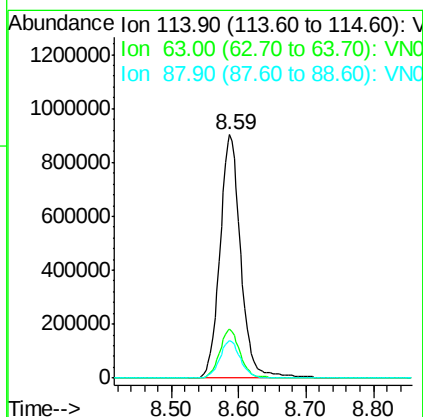
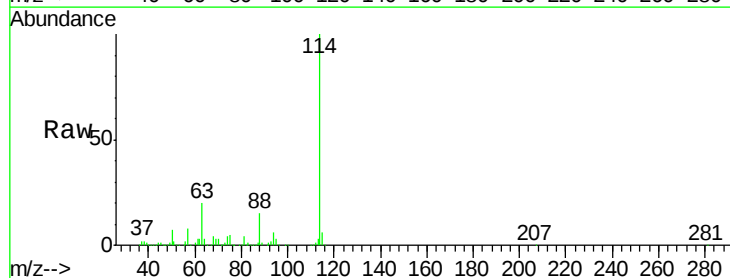
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

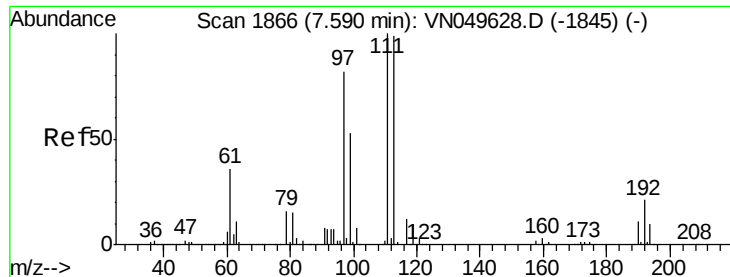
Tgt Ion: 65 Resp: 15694
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049632.D
 Acq: 29 Jun 2018 14:26

Tgt Ion: 114 Resp: 1948901
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.2 0.0 30.6

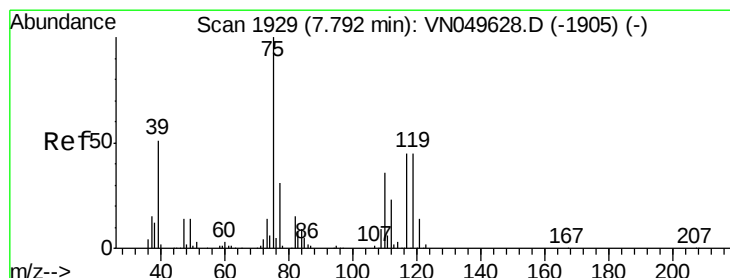
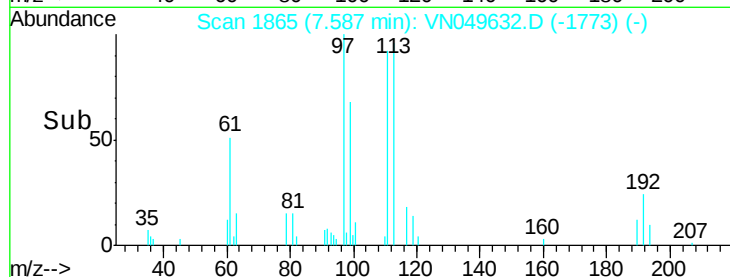
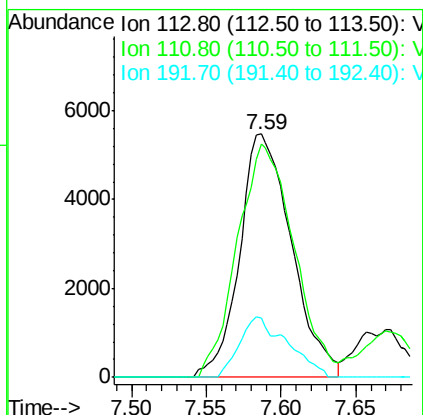
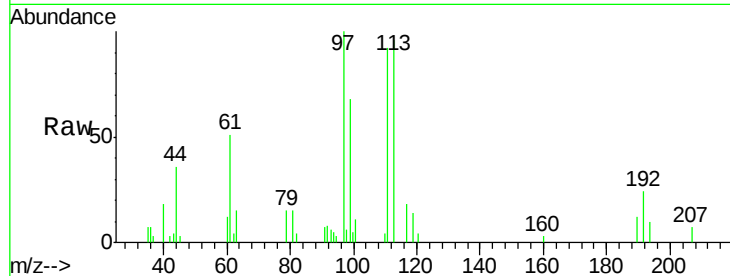




#35
Dibromofluoromethane
Concen: 0.907 ug/l
RT: 7.59 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

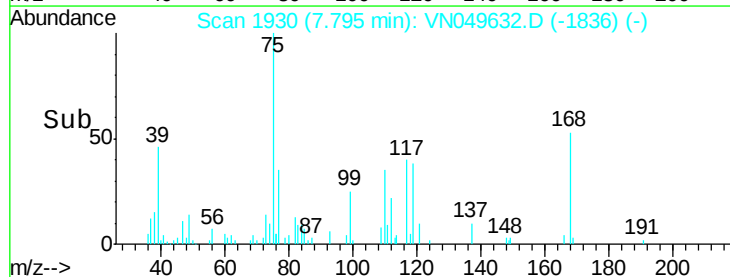
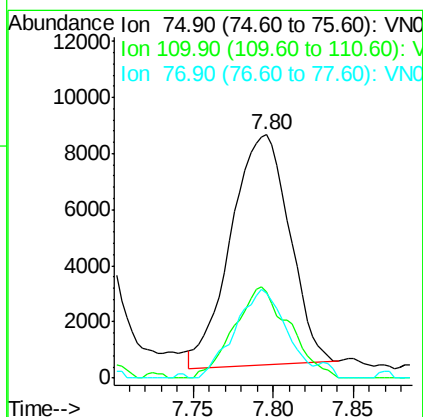
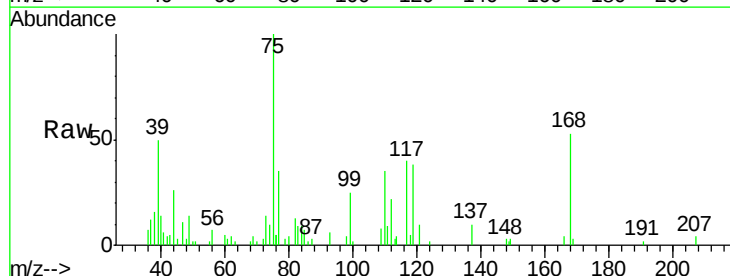
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

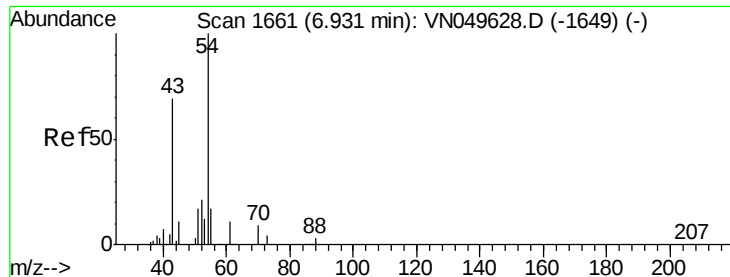
Tgt Ion: 113 Resp: 13208
Ion Ratio Lower Upper
113 100
111 104.6 81.8 122.8
192 23.0 17.8 26.6



#36
1,1-Dichloropropene
Concen: 0.941 ug/l
RT: 7.80 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

Tgt Ion: 75 Resp: 20628
Ion Ratio Lower Upper
75 100
110 37.5 18.1 54.4
77 33.5 24.9 37.3

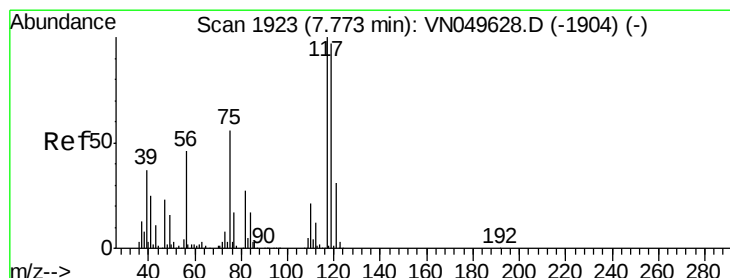
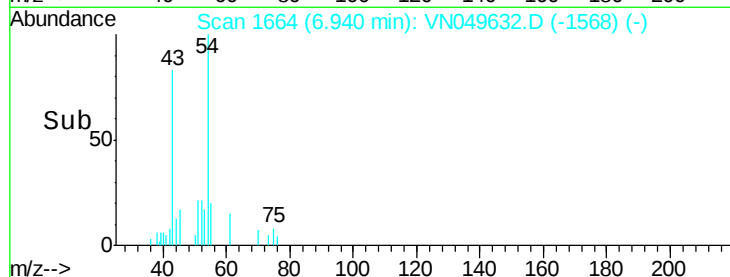
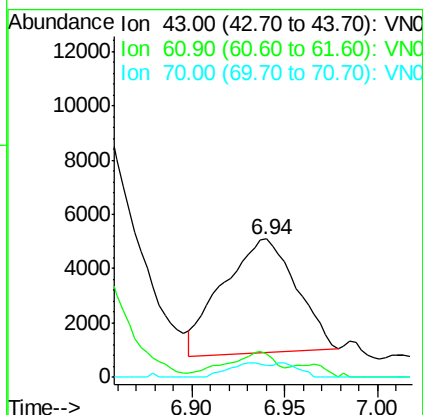
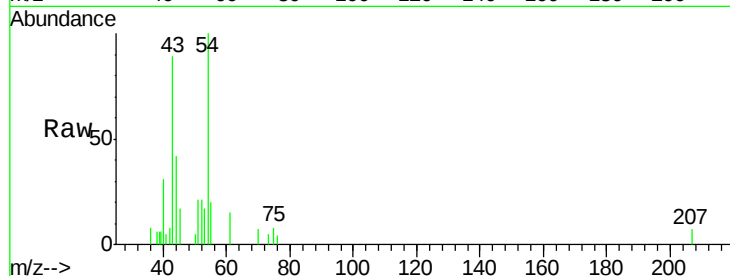




#37
Ethyl Acetate
Concen: 0.897 ug/l
RT: 6.94 min Scan# 1664
Delta R.T. 0.01 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

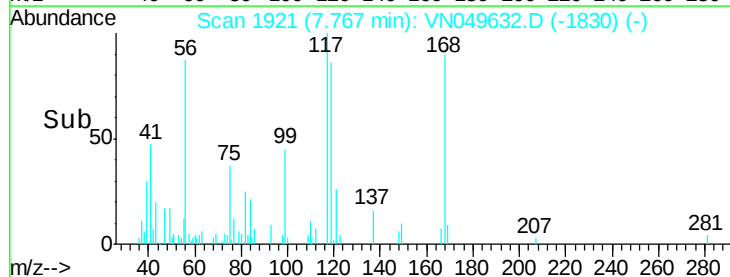
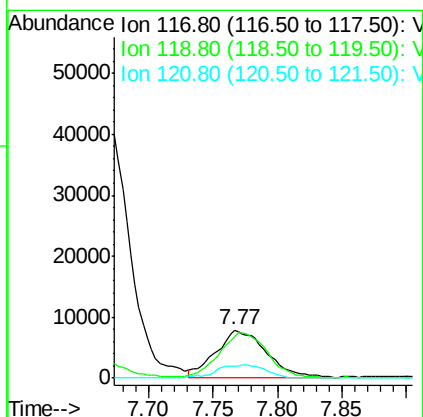
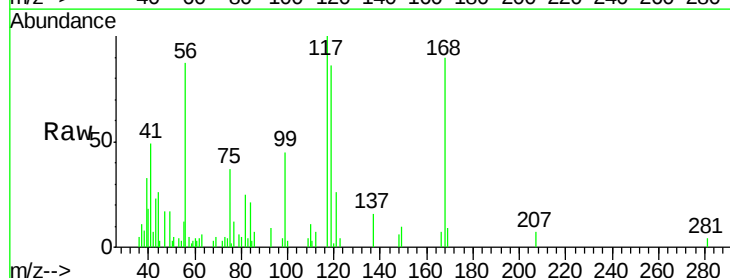
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

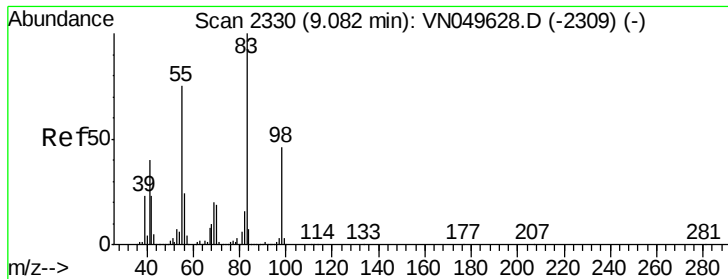
Tgt Ion: 43 Resp: 11478
Ion Ratio Lower Upper
43 100
61 10.8 11.7 17.5#
70 6.4 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 1.016 ug/l
RT: 7.77 min Scan# 1921
Delta R.T. -0.01 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

Tgt Ion: 117 Resp: 21672
Ion Ratio Lower Upper
117 100
119 86.2 77.2 115.8
121 25.6 25.0 37.6

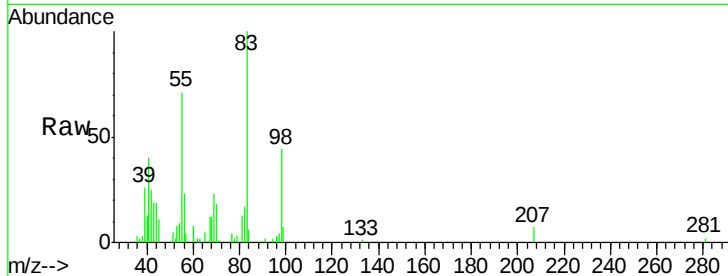




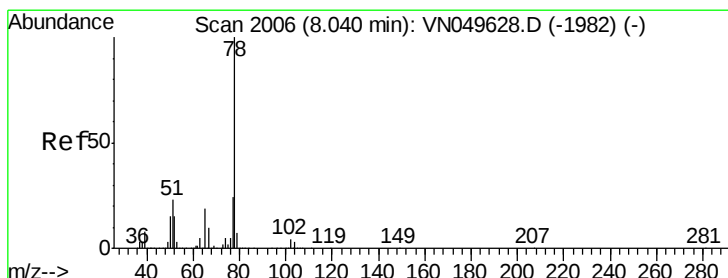
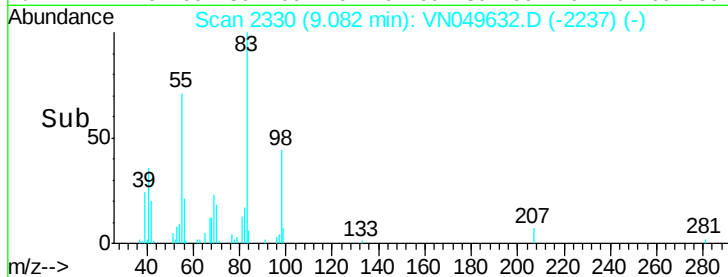
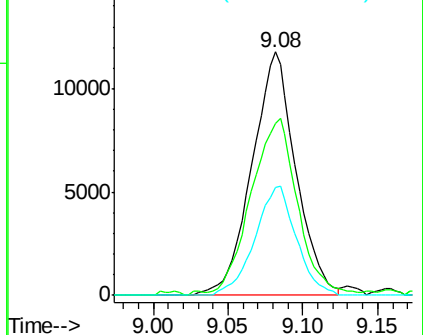
#39
Methylcyclohexane
Concen: 0.996 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 23947
Ion Ratio Lower Upper
83 100
55 70.7 59.7 89.5
98 44.1 36.5 54.7

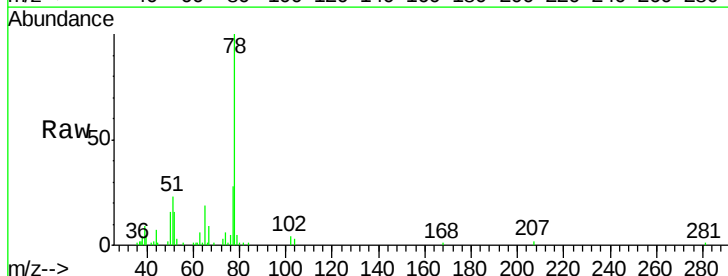


Abundance Ion 83.00 (82.70 to 83.70): VN049628.D (-2309) (-)
Ion 55.00 (54.70 to 55.70): VN049628.D (-2309) (-)
Ion 98.00 (97.70 to 98.70): VN049628.D (-2309) (-)

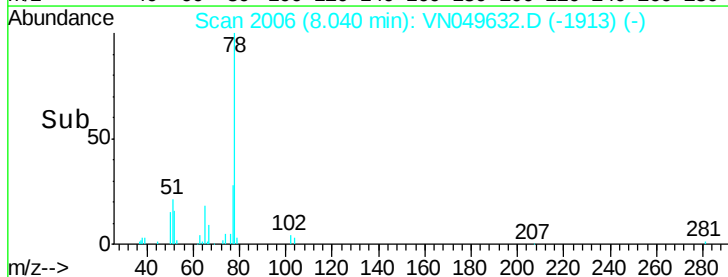
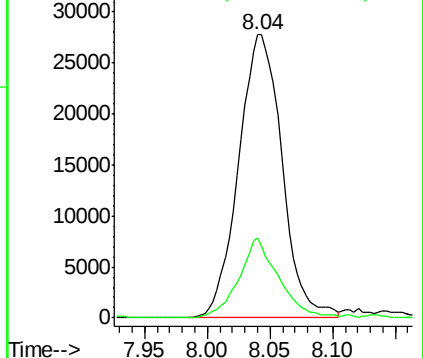


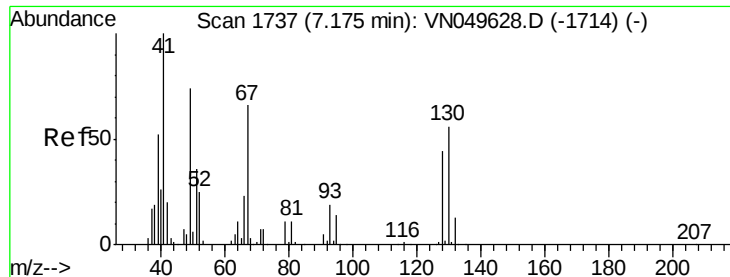
#40
Benzene
Concen: 0.999 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

Tgt Ion: 78 Resp: 66910
Ion Ratio Lower Upper
78 100
77 28.1 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VN049628.D (-1982) (-)
Ion 77.00 (76.70 to 77.70): VN049628.D (-1982) (-)

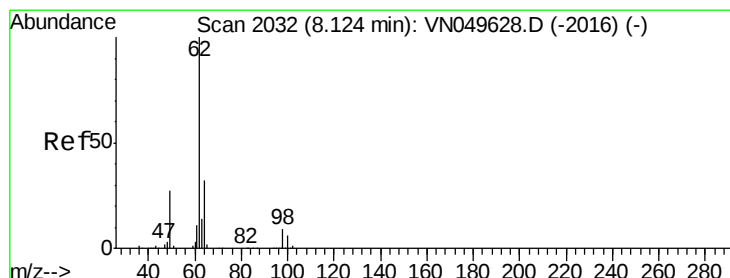
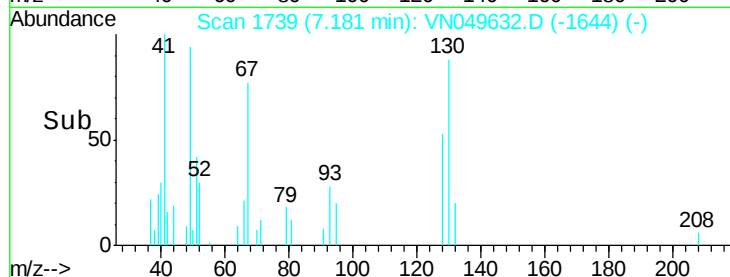
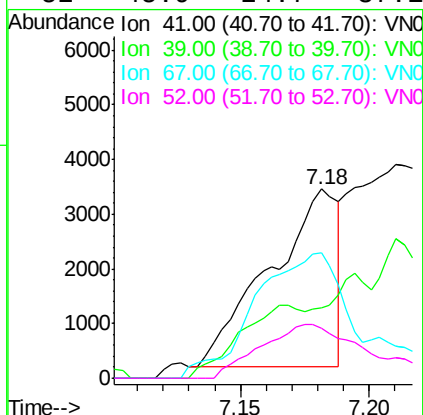
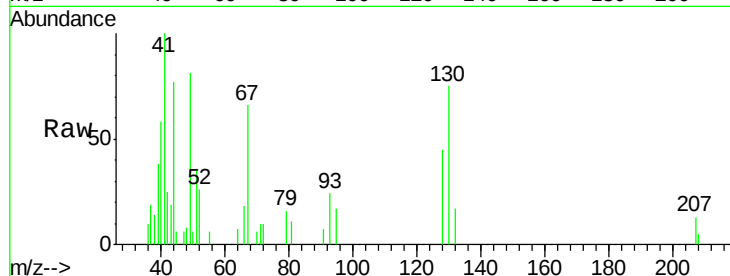




#41
Methacrylonitrile
Concen: 0.873 ug/l
RT: 7.18 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

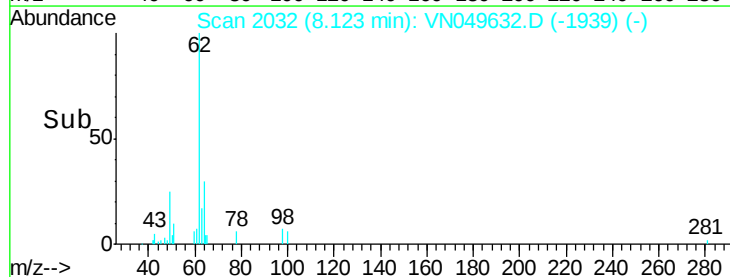
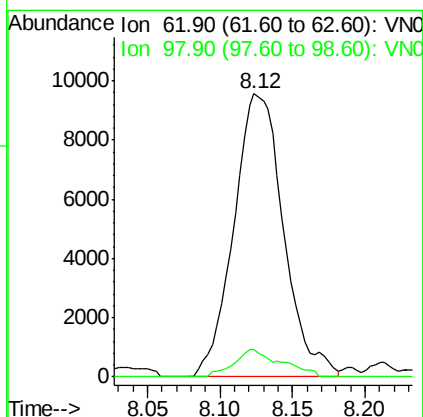
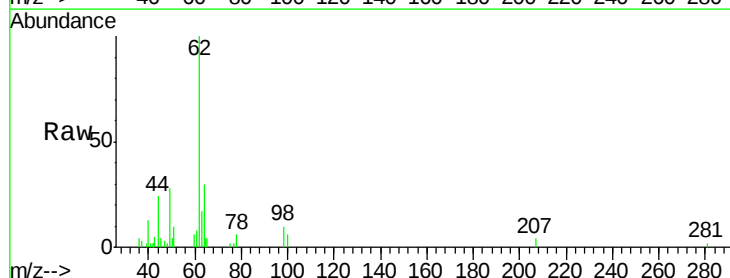
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

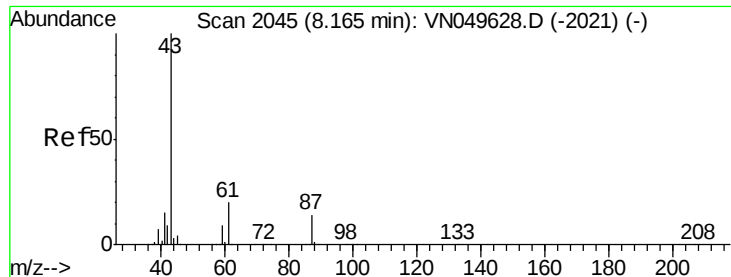
Tgt Ion: 41 Resp: 5962
Ion Ratio Lower Upper
41 100
39 38.9 45.4 68.2#
67 108.0 65.4 98.0#
52 45.9 24.7 37.1#



#42
1,2-Dichloroethane
Concen: 1.071 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

Tgt Ion: 62 Resp: 22887
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.0





#43

Isopropyl Acetate

Concen: 1.644 ug/l

RT: 8.18 min Scan# 2051

Delta R.T. 0.02 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

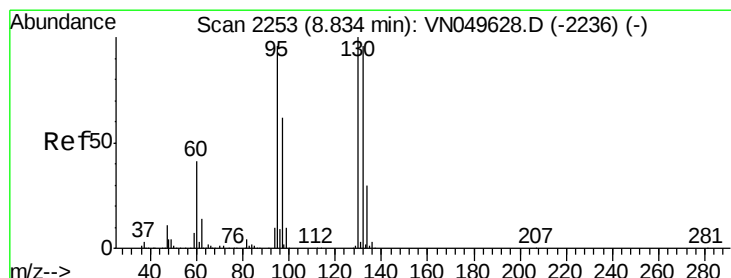
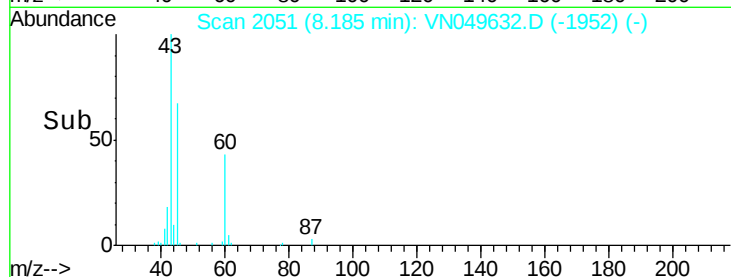
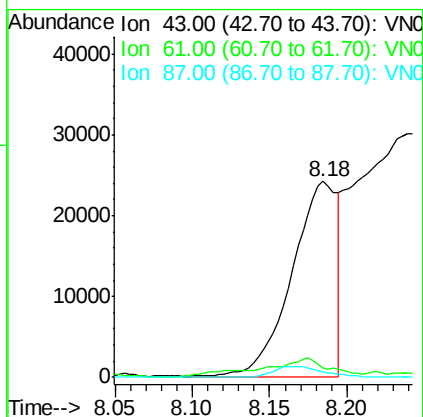
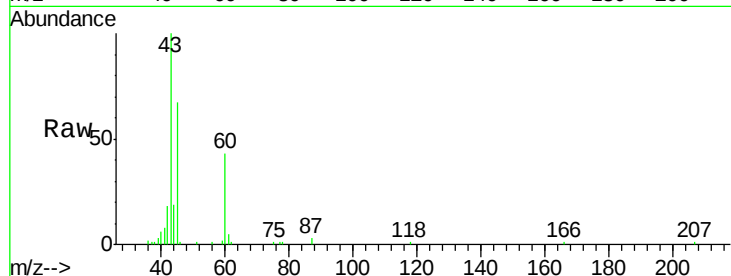
Tgt Ion: 43 Resp: 49671

Ion Ratio Lower Upper

43 100

61 9.1 14.9 22.3#

87 6.0 10.0 15.0#



#44

Trichloroethene

Concen: 1.079 ug/l

RT: 8.84 min Scan# 2255

Delta R.T. 0.01 min

Lab File: VN049632.D

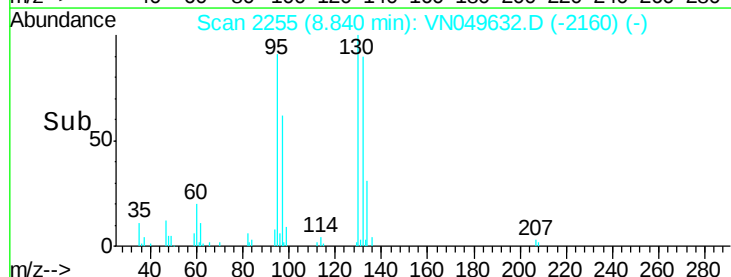
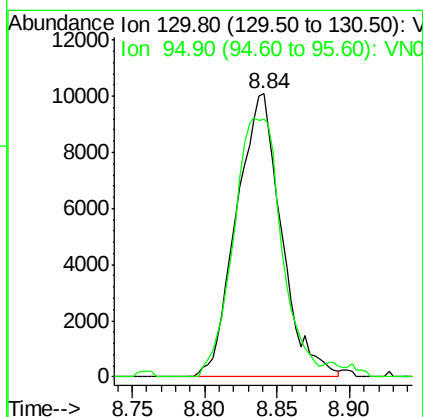
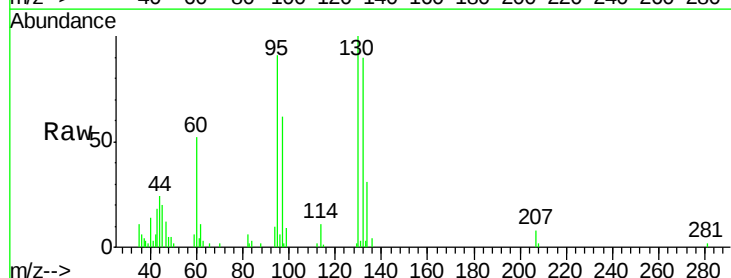
Acq: 29 Jun 2018 14:26

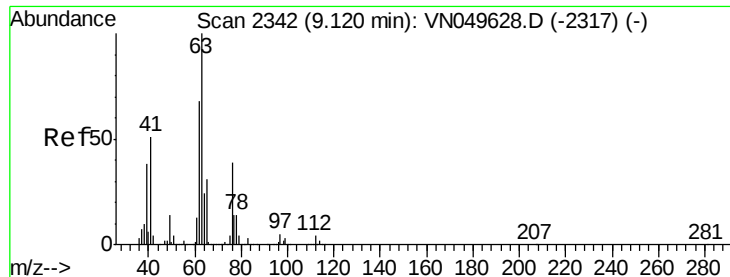
Tgt Ion: 130 Resp: 21796

Ion Ratio Lower Upper

130 100

95 91.0 0.0 192.8

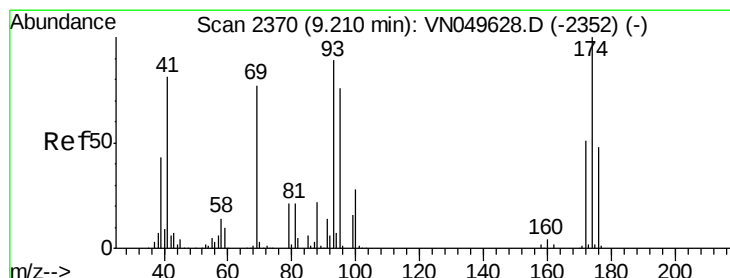
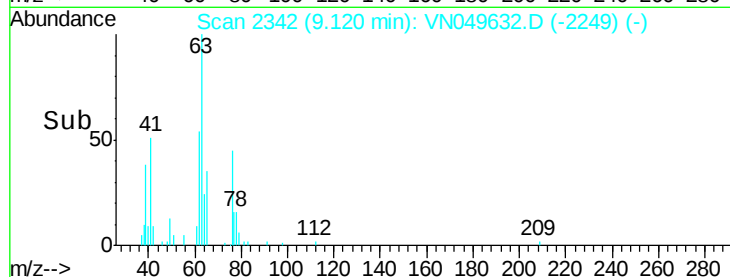
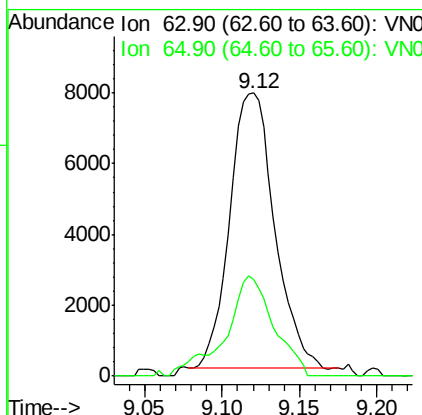
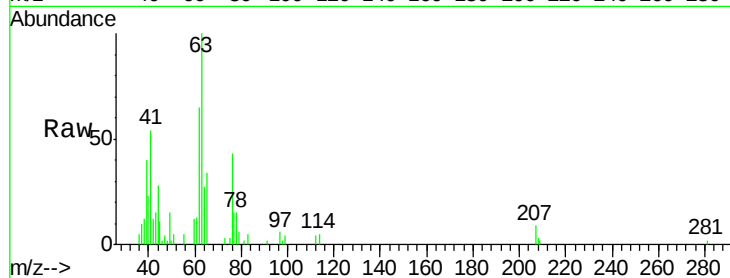




#45
 1,2-Dichloropropane
 Concen: 0.906 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN049632.D
 Acq: 29 Jun 2018 14:26

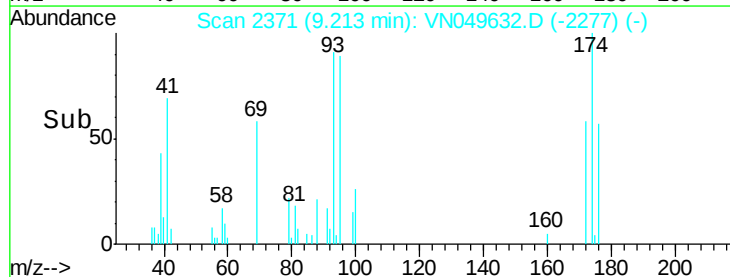
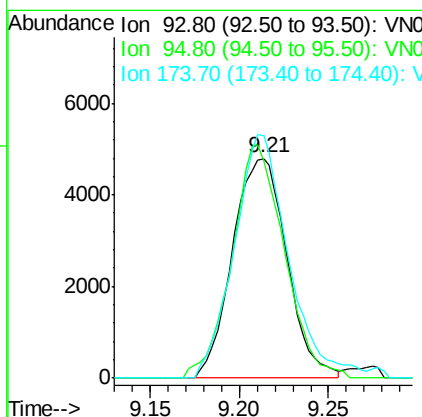
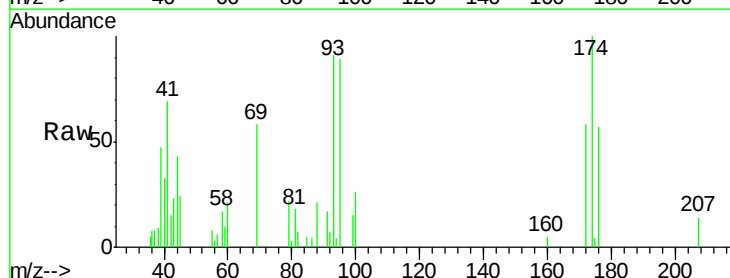
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

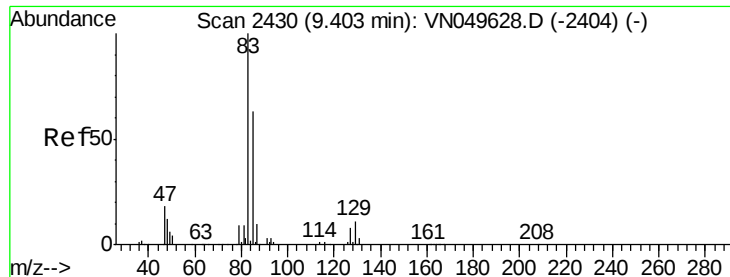
Tgt Ion: 63 Resp: 15669
 Ion Ratio Lower Upper
 63 100
 65 35.0 24.7 37.1



#46
 Dibromomethane
 Concen: 0.975 ug/l
 RT: 9.21 min Scan# 2371
 Delta R.T. 0.00 min
 Lab File: VN049632.D
 Acq: 29 Jun 2018 14:26

Tgt Ion: 93 Resp: 10208
 Ion Ratio Lower Upper
 93 100
 95 102.5 67.9 101.9#
 174 110.7 89.4 134.0





#47

Bromodichloromethane

Concen: 0.972 ug/l

RT: 9.40 min Scan# 2429

Delta R.T. -0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

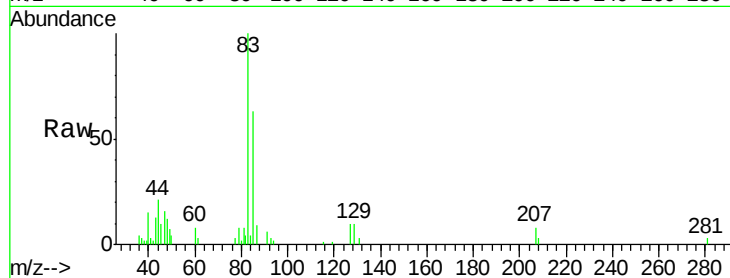
Tgt Ion: 83 Resp: 21657

Ion Ratio Lower Upper

83 100

85 63.2 50.5 75.7

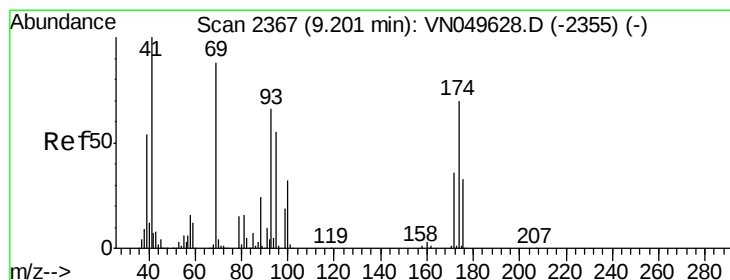
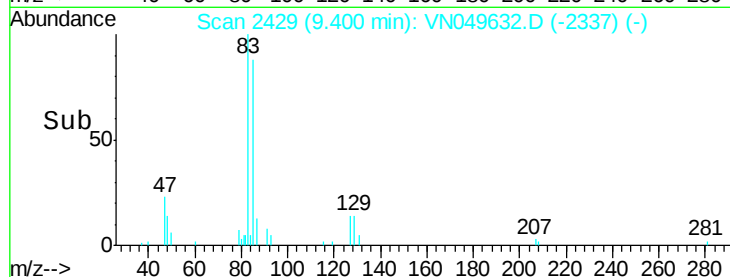
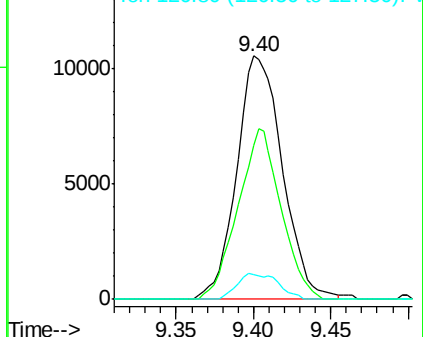
127 10.3 6.8 10.2#



Abundance Ion 82.90 (82.60 to 83.60): VN049632.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049632.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049632.D (-2337) (-)



#48

Methyl methacrylate

Concen: 0.931 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

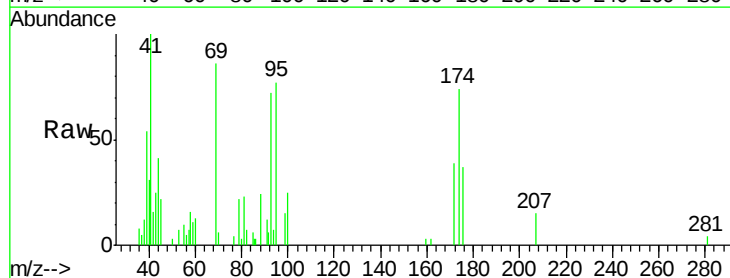
Tgt Ion: 41 Resp: 10577

Ion Ratio Lower Upper

41 100

69 87.4 71.5 107.3

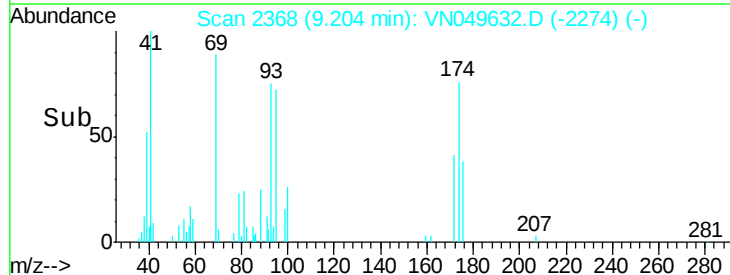
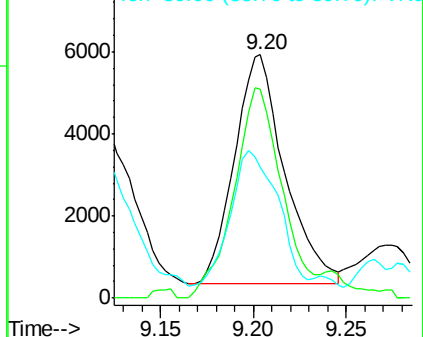
39 55.4 44.7 67.1

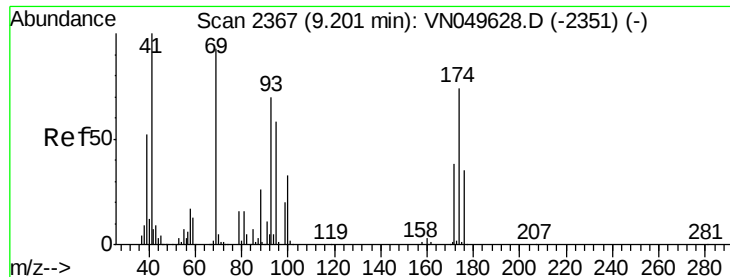


Abundance Ion 41.00 (40.70 to 41.70): VN049632.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049632.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049632.D (-2274) (-)

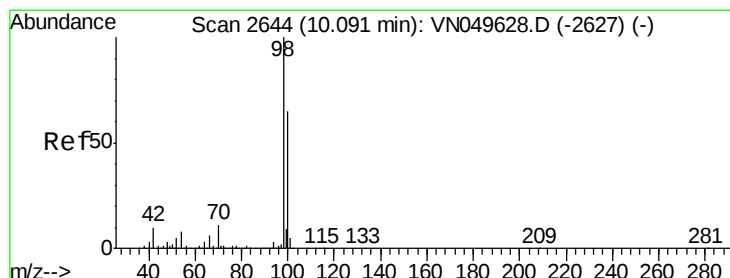
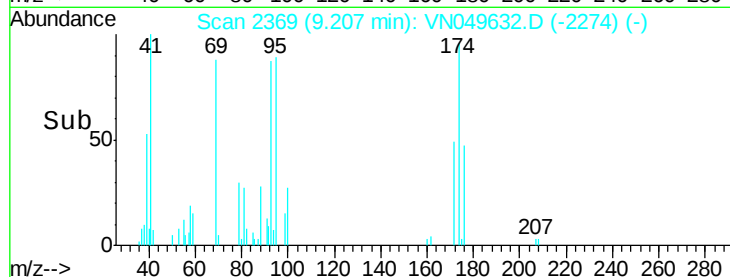
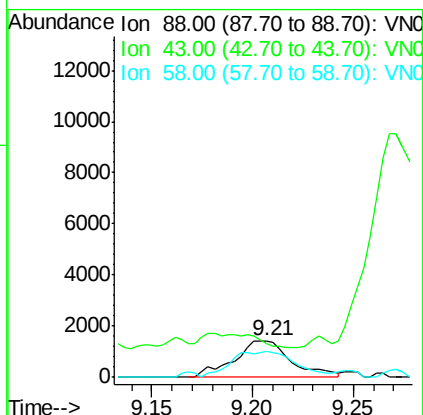
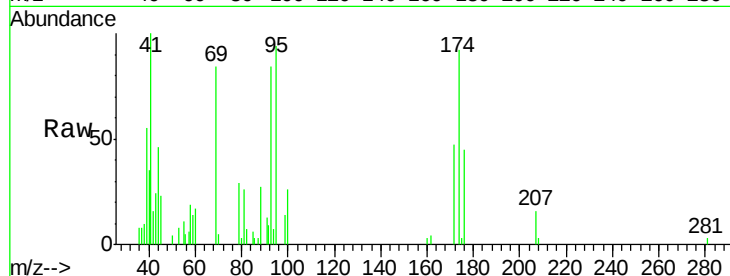




#49
1,4-Dioxane
Concen: 18.726 ug/l
RT: 9.21 min Scan# 2369
Delta R.T. 0.01 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

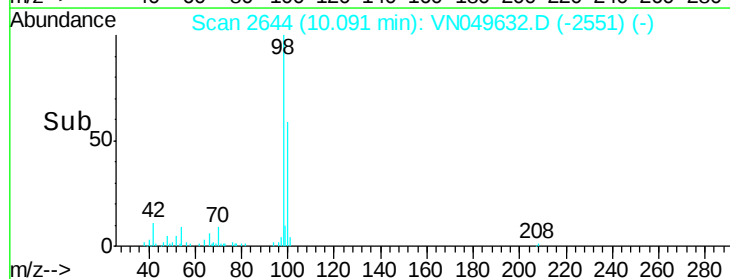
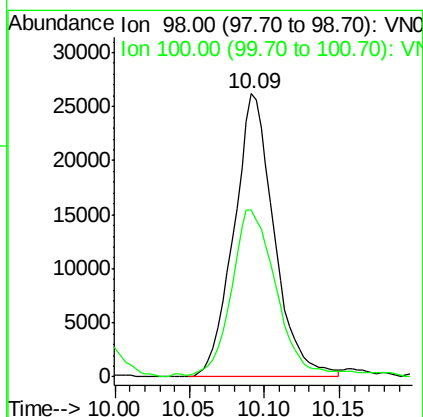
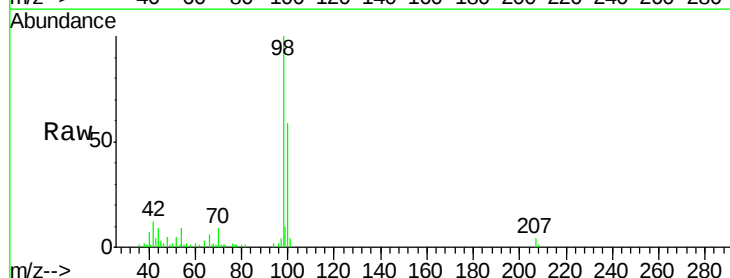
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

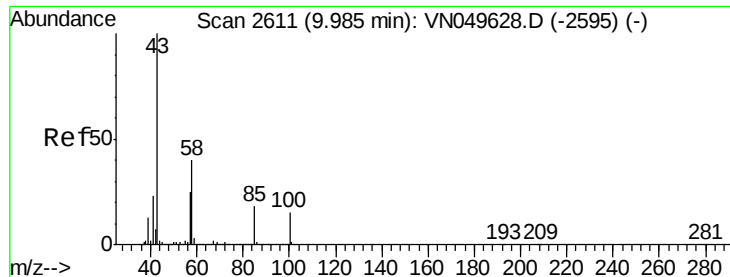
Tgt Ion: 88 Resp: 2861
Ion Ratio Lower Upper
88 100
43 0.0 25.1 37.7#
58 32.0 52.5 78.7#



#50
Toluene-d8
Concen: 0.861 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

Tgt Ion: 98 Resp: 49086
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5

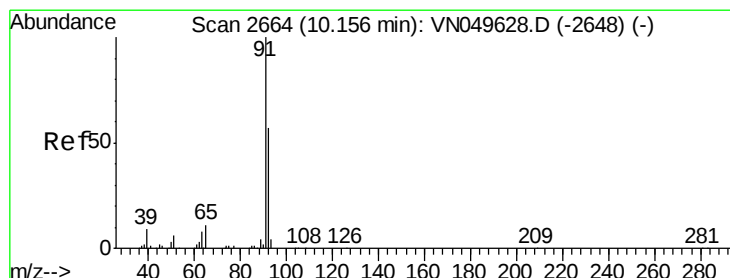
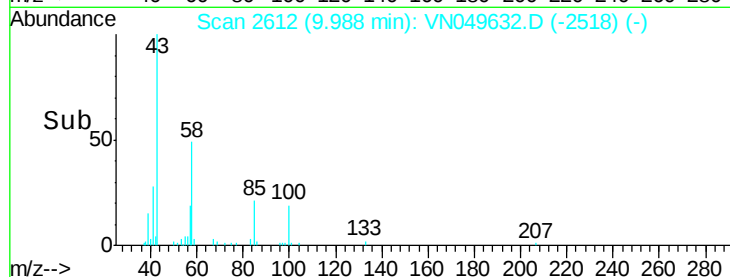
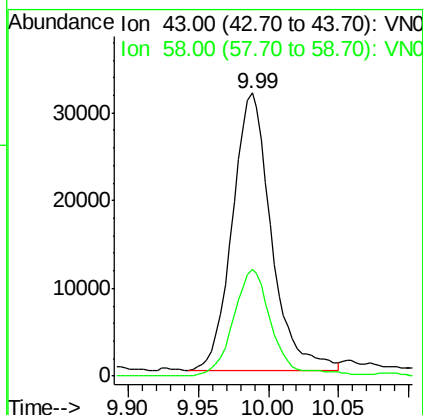
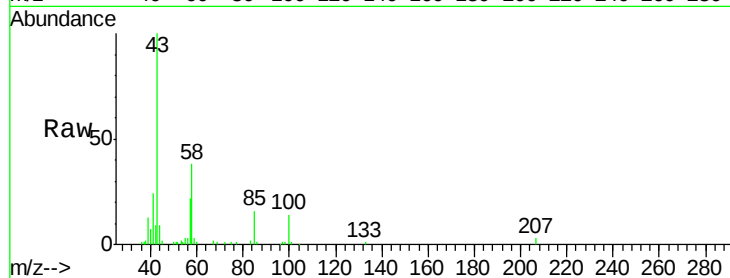




#51
 4-Methyl-2-Pentanone
 Concen: 4.879 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN049632.D
 Acq: 29 Jun 2018 14:26

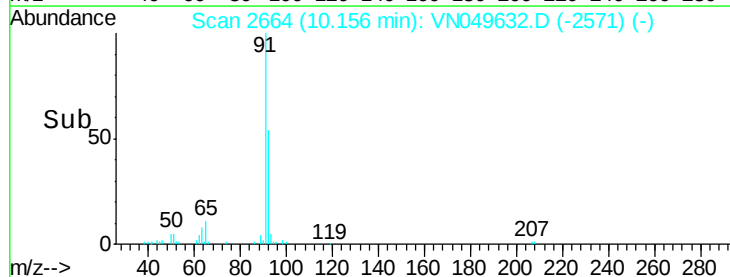
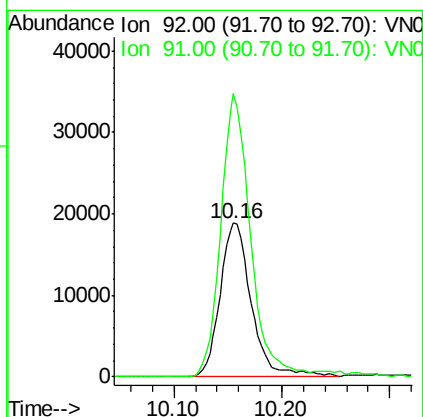
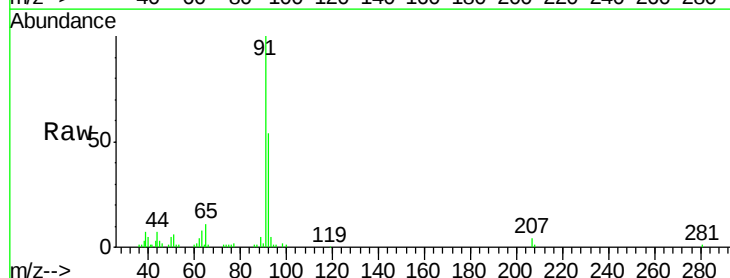
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

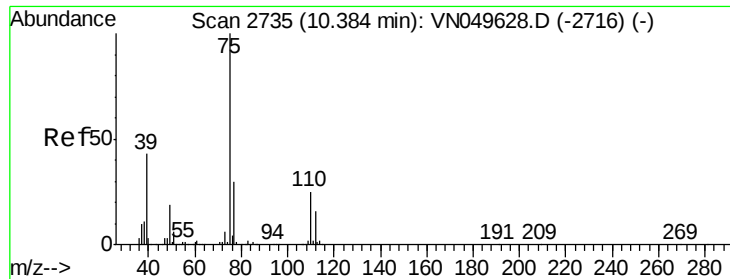
Tgt Ion: 43 Resp: 61178
 Ion Ratio Lower Upper
 43 100
 58 36.4 31.8 47.8



#52
 Toluene
 Concen: 0.943 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. -0.00 min
 Lab File: VN049632.D
 Acq: 29 Jun 2018 14:26

Tgt Ion: 92 Resp: 38143
 Ion Ratio Lower Upper
 92 100
 91 173.7 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 0.924 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

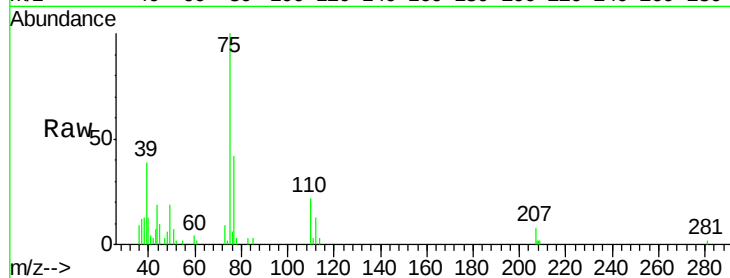
VSTDIC001

Tgt Ion: 75 Resp: 19714

Ion Ratio Lower Upper

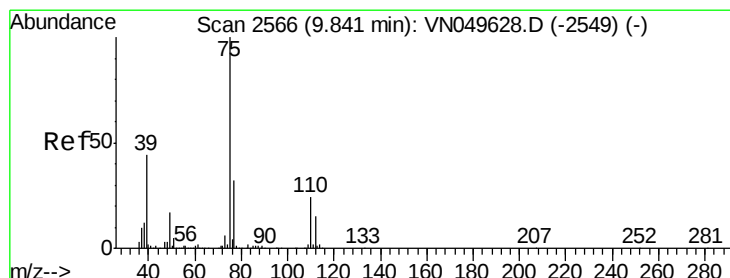
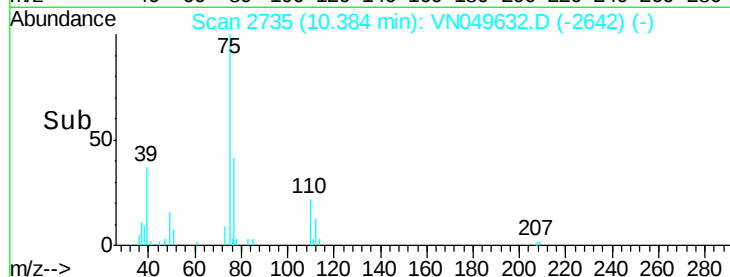
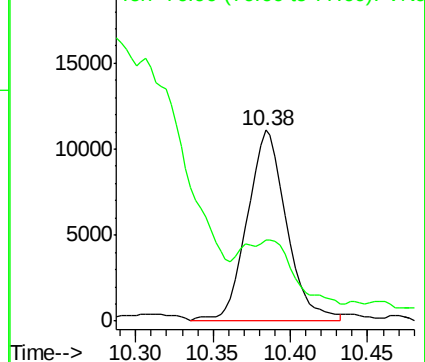
75 100

77 33.2 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: 0.906 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

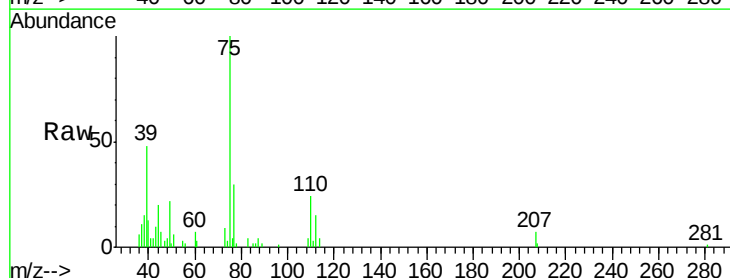
Tgt Ion: 75 Resp: 22576

Ion Ratio Lower Upper

75 100

77 28.9 25.3 37.9

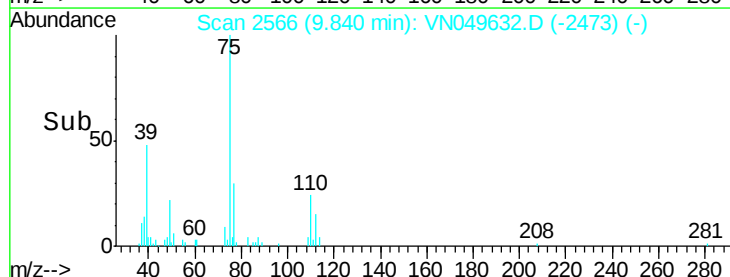
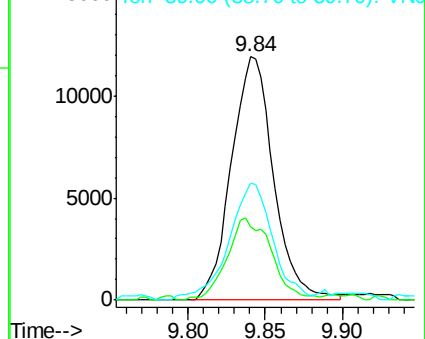
39 45.4 35.5 53.3

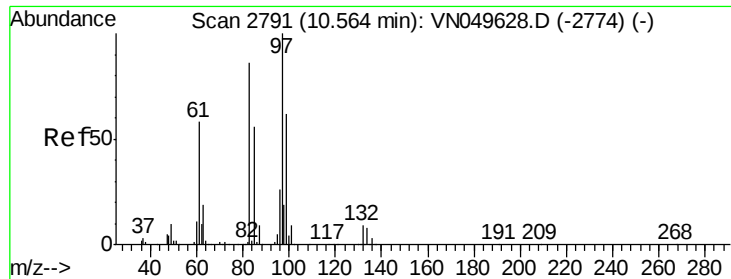


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 1.046 ug/l

RT: 10.56 min Scan# 2791

Delta R.T. -0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 15749

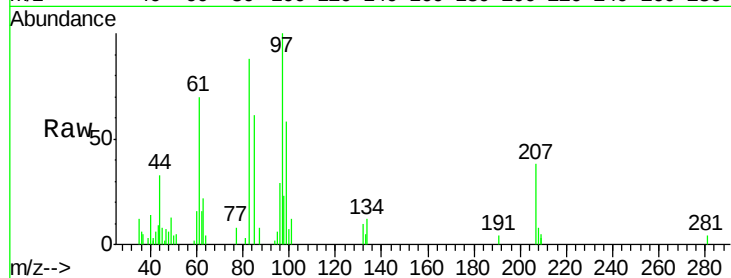
Ion Ratio Lower Upper

97 100

83 86.4 69.0 103.6

85 61.5 44.9 67.3

99 57.7 49.8 74.6

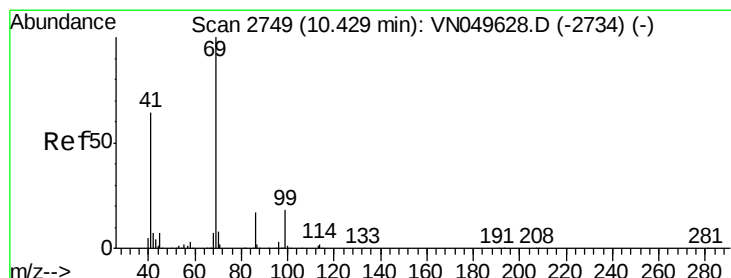
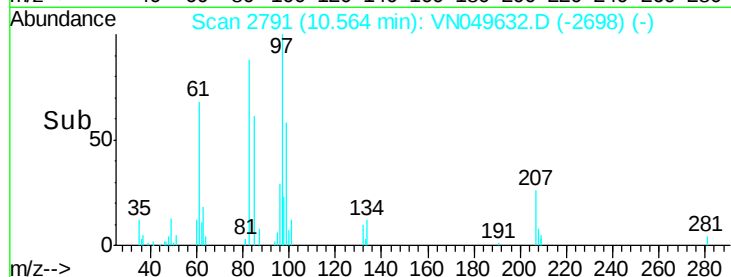
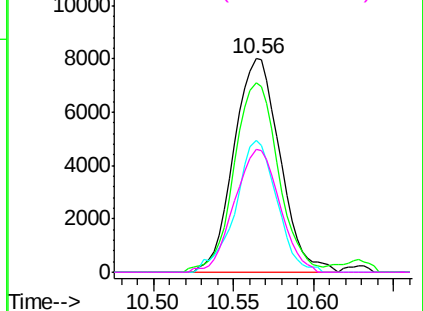


Abundance Ion 96.90 (96.60 to 97.60): VNC

Ion 82.90 (82.60 to 83.60): VNC

Ion 84.90 (84.60 to 85.60): VNC

Ion 98.90 (98.60 to 99.60): VNC



#56

Ethyl methacrylate

Concen: 0.869 ug/l

RT: 10.43 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

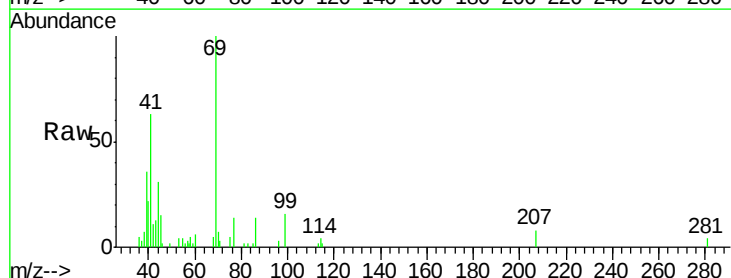
Tgt Ion: 69 Resp: 15340

Ion Ratio Lower Upper

69 100

41 64.7 51.6 77.4

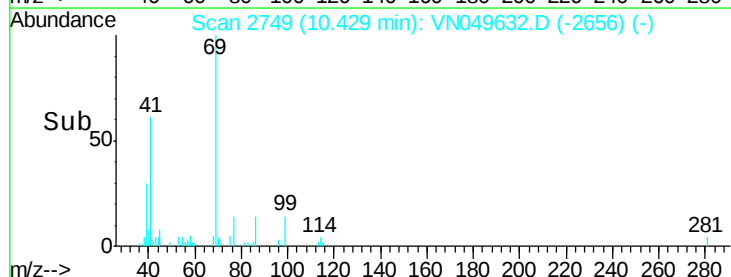
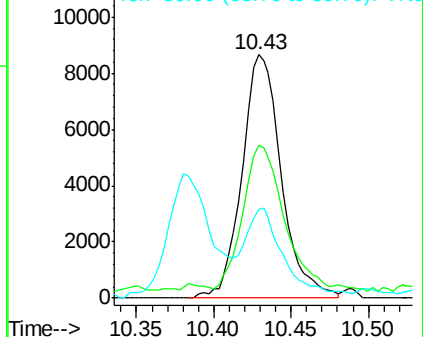
39 35.4 25.8 38.8

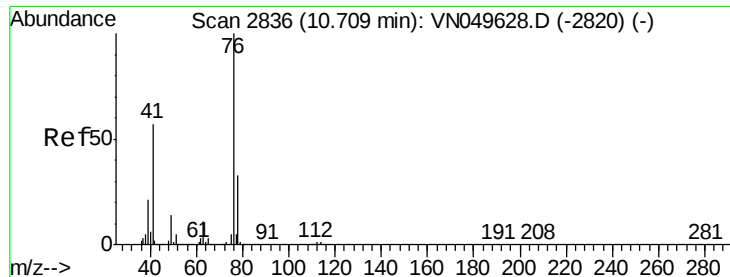


Abundance Ion 69.00 (68.70 to 69.70): VNC

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC





#57

1,3-Dichloropropane

Concen: 0.922 ug/l

RT: 10.71 min Scan# 2837

Delta R.T. 0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

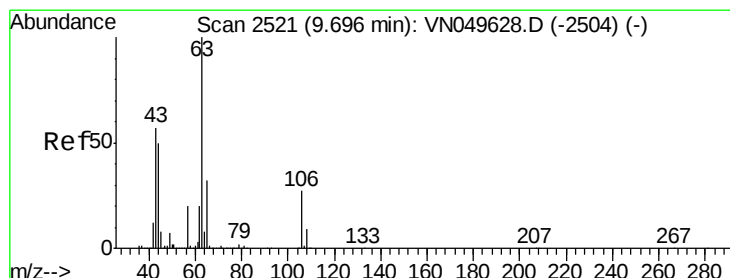
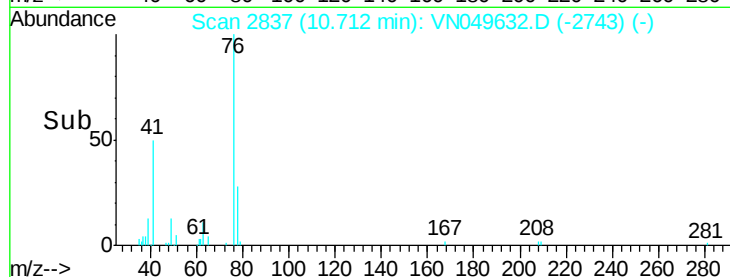
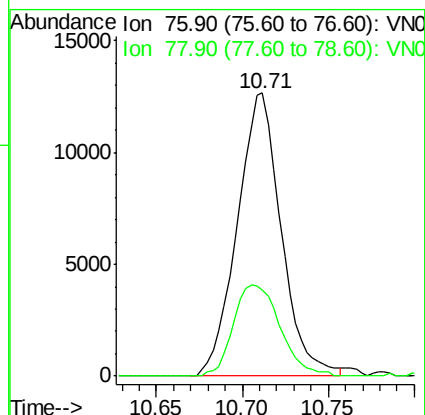
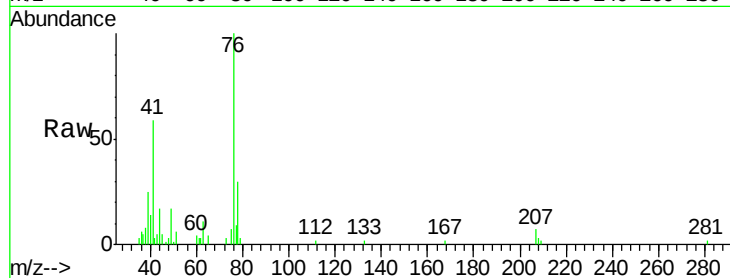
VSTDIC001

Tgt Ion: 76 Resp: 22516

Ion Ratio Lower Upper

76 100

78 34.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 4.462 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. -0.00 min

Lab File: VN049632.D

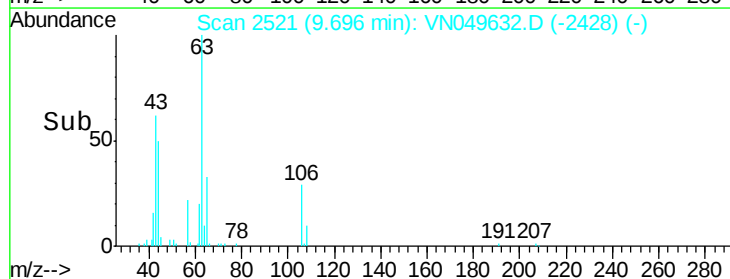
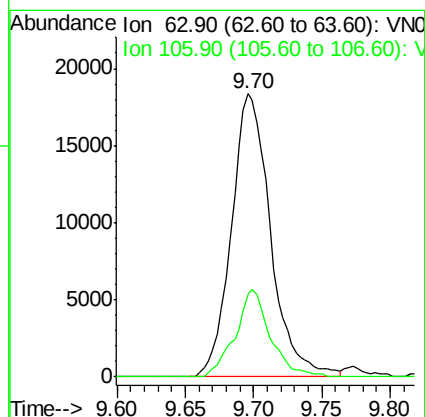
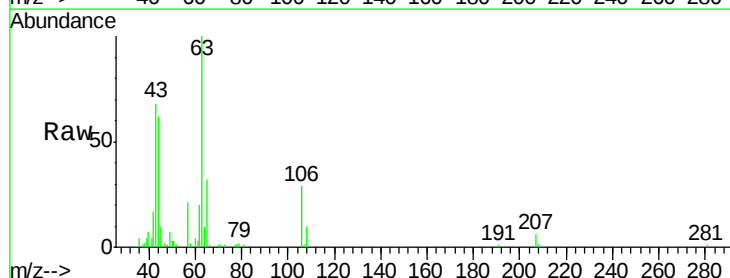
Acq: 29 Jun 2018 14:26

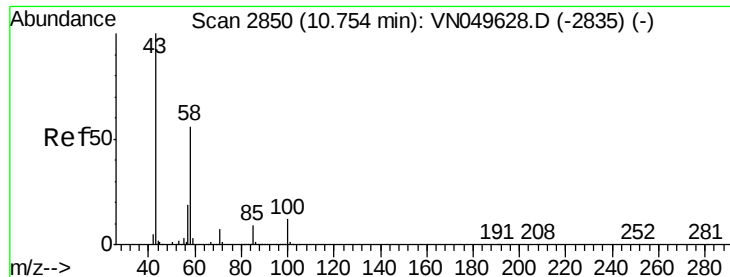
Tgt Ion: 63 Resp: 36668

Ion Ratio Lower Upper

63 100

106 27.6 21.8 32.8

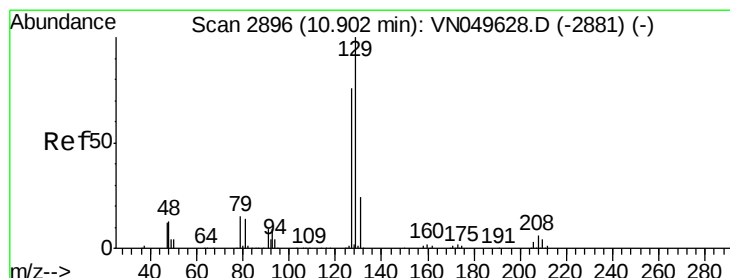
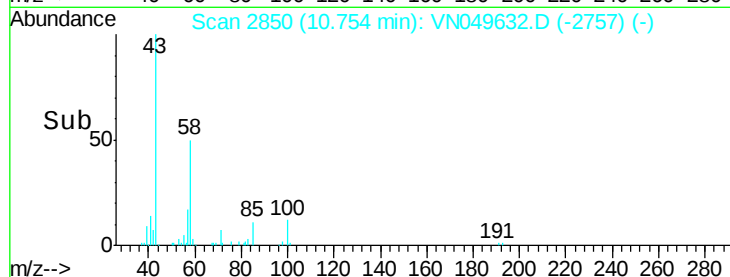
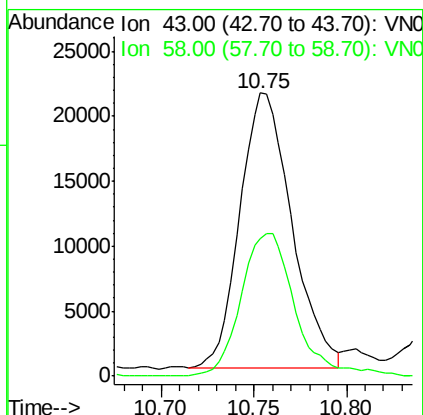
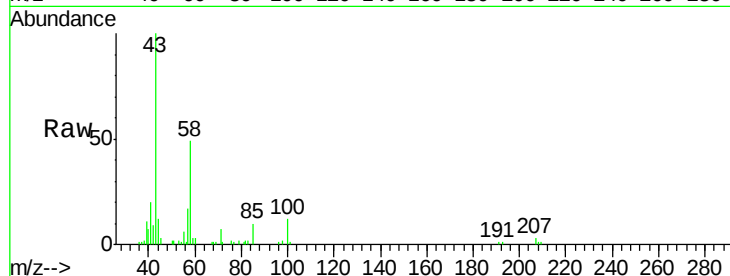




#59
2-Hexanone
Concen: 4.948 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

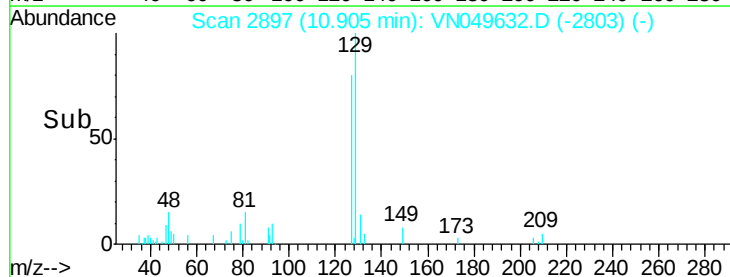
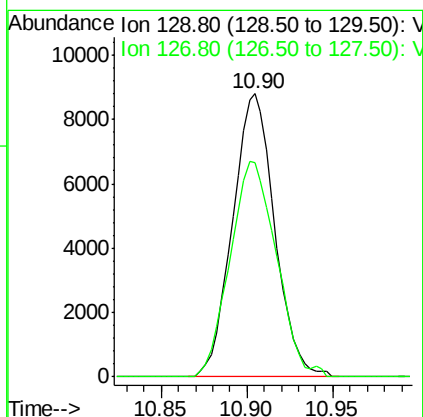
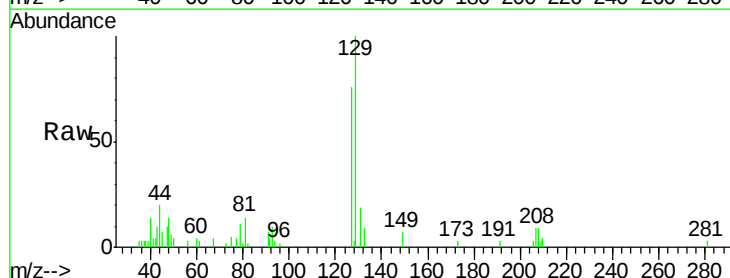
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

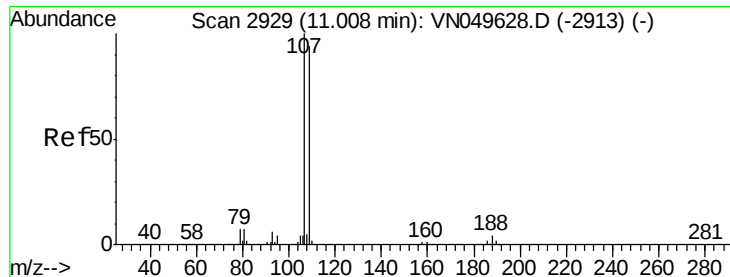
Tgt Ion: 43 Resp: 41023
Ion Ratio Lower Upper
43 100
58 54.4 27.8 83.4



#60
Dibromochloromethane
Concen: 0.919 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

Tgt Ion: 129 Resp: 14967
Ion Ratio Lower Upper
129 100
127 83.7 38.3 114.9





#61

1,2-Dibromoethane

Concen: 0.995 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. -0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

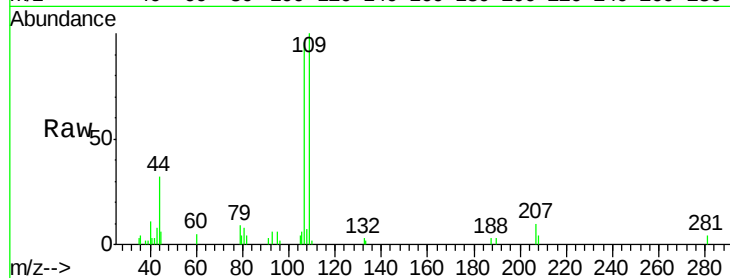
VSTDIC001

Tgt Ion: 107 Resp: 14359

Ion Ratio Lower Upper

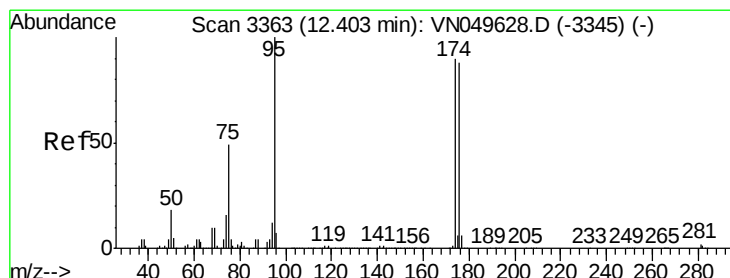
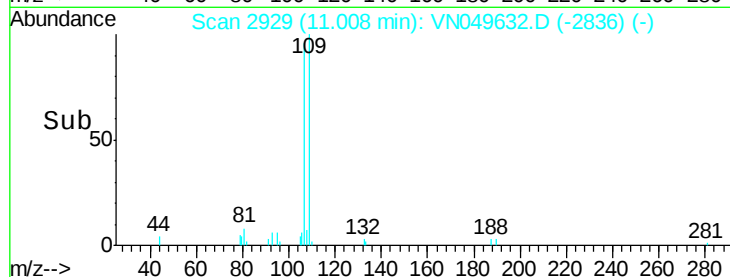
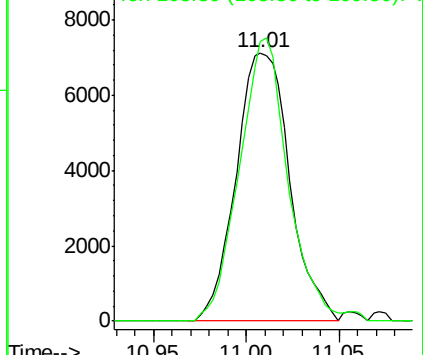
107 100

109 95.7 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 0.941 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

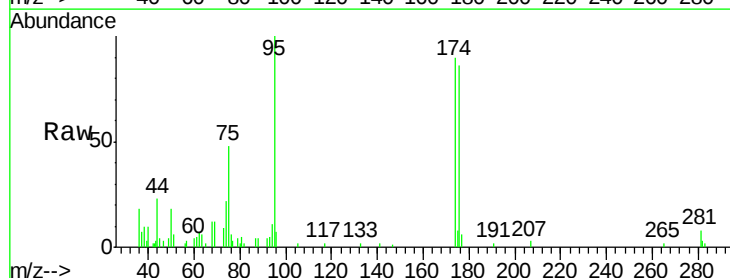
Tgt Ion: 95 Resp: 18315

Ion Ratio Lower Upper

95 100

174 86.9 0.0 179.6

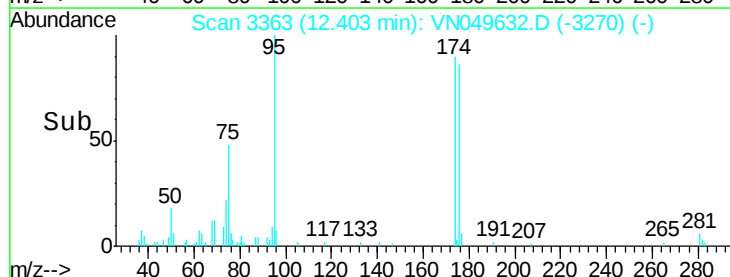
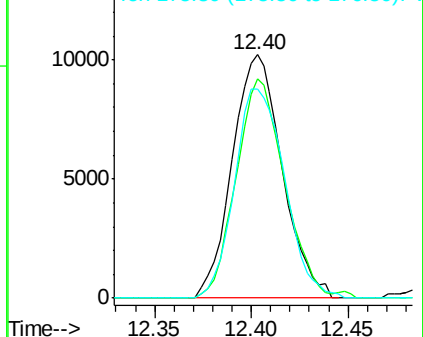
176 86.5 0.0 174.0

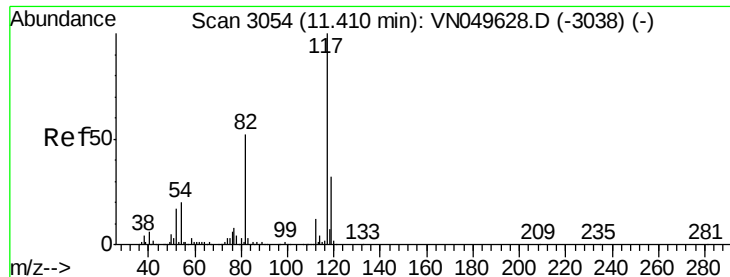


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

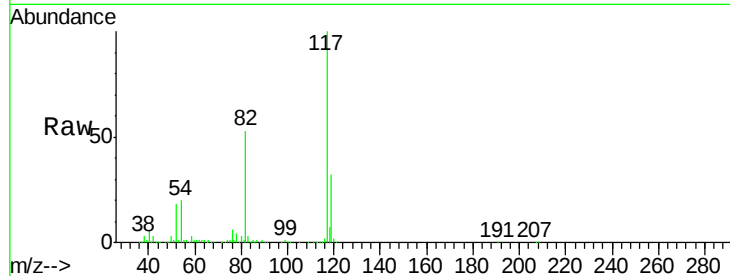




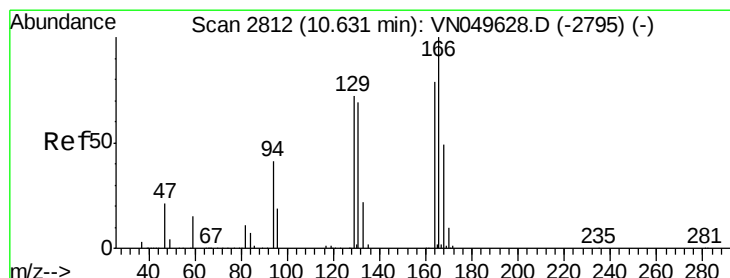
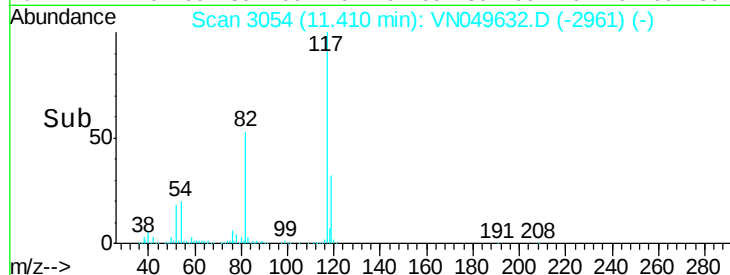
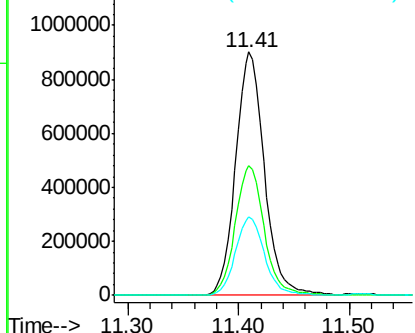
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 1627337
Ion Ratio Lower Upper
117 100
82 53.3 41.9 62.9
119 32.1 25.4 38.2

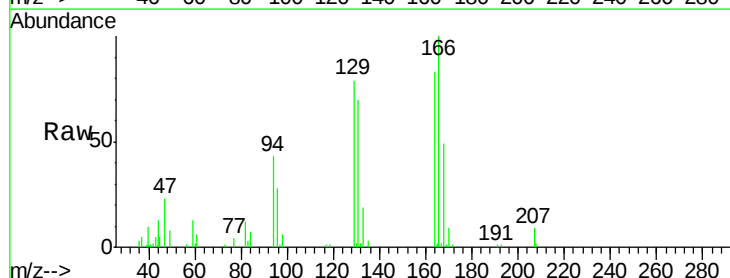


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

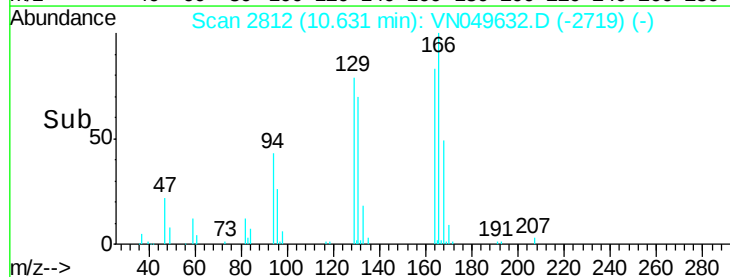
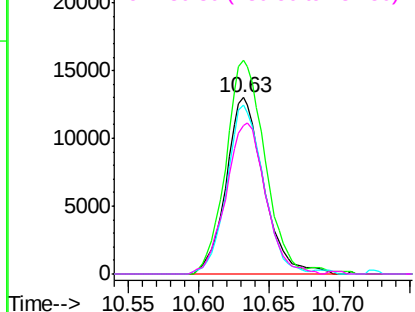


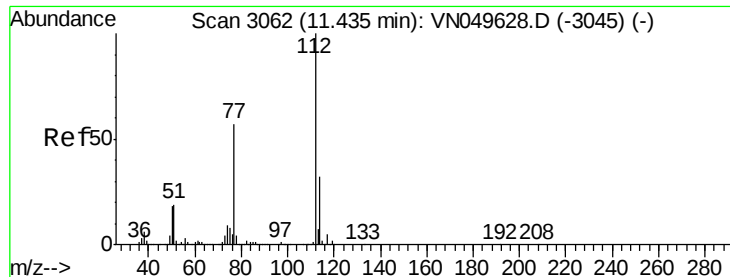
#64
Tetrachloroethene
Concen: 1.101 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

Tgt Ion:164 Resp: 24256
Ion Ratio Lower Upper
164 100
166 121.2 101.8 152.6
129 95.9 72.8 109.2
131 84.3 70.0 105.0



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





#65

Chlorobenzene

Concen: 1.096 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampled :

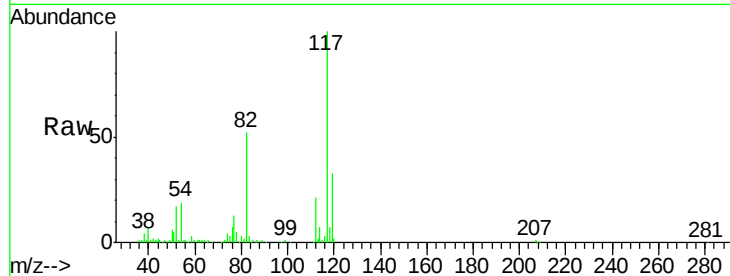
VSTDIC001

Tgt Ion:112 Resp: 46532

Ion Ratio Lower Upper

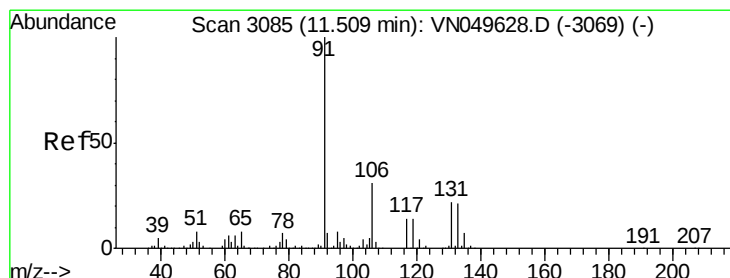
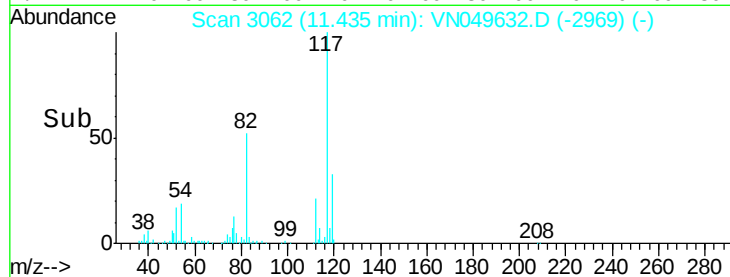
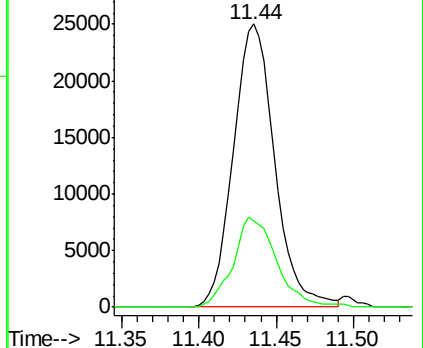
112 100

114 30.7 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 0.998 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. -0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

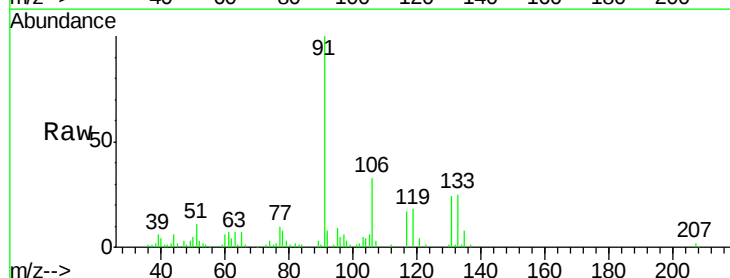
Tgt Ion:131 Resp: 15228

Ion Ratio Lower Upper

131 100

133 103.5 47.5 142.6

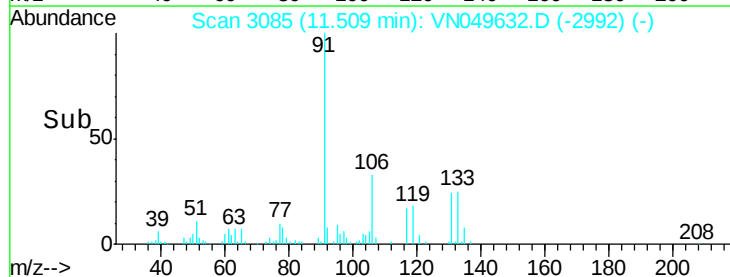
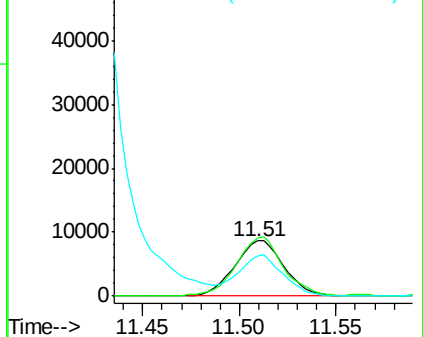
119 0.0 33.1 99.3#

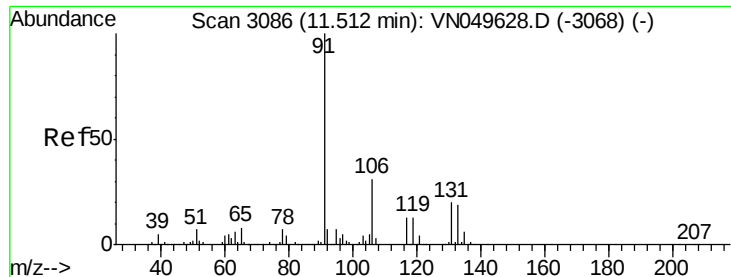


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

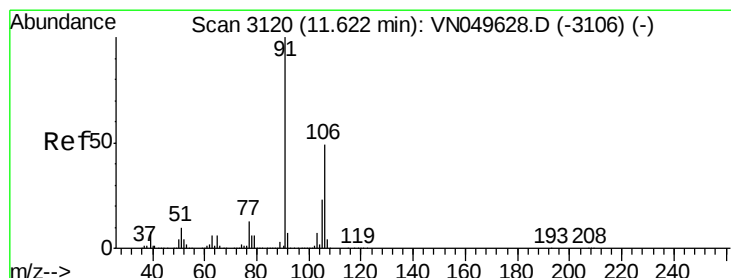
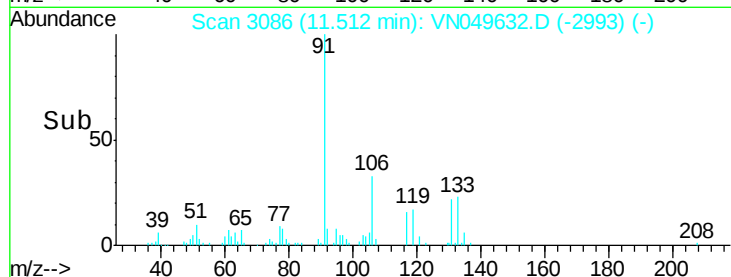
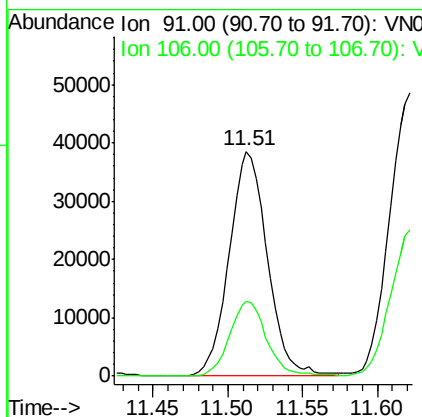
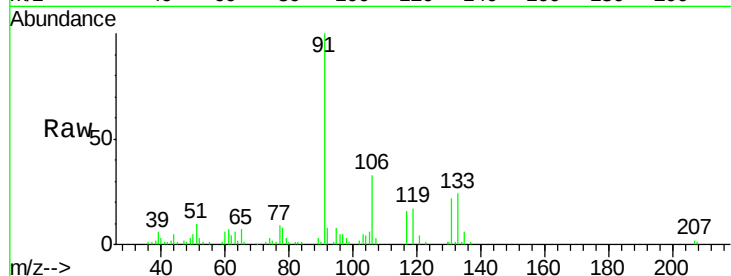




#67
Ethyl Benzene
Concen: 0.977 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

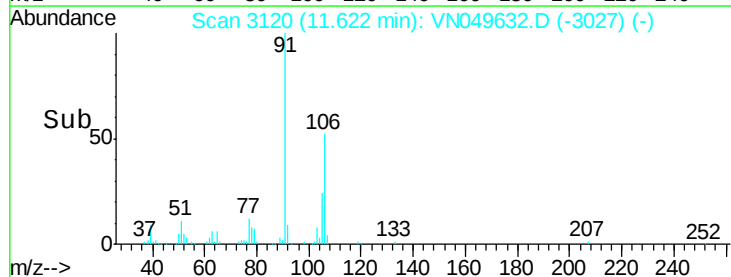
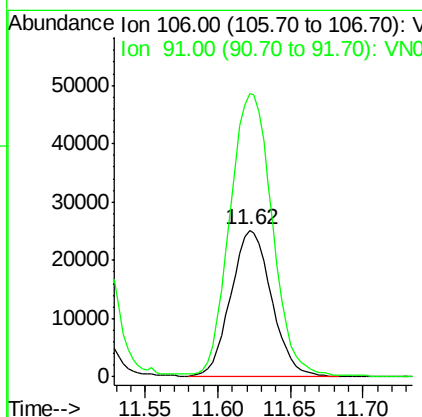
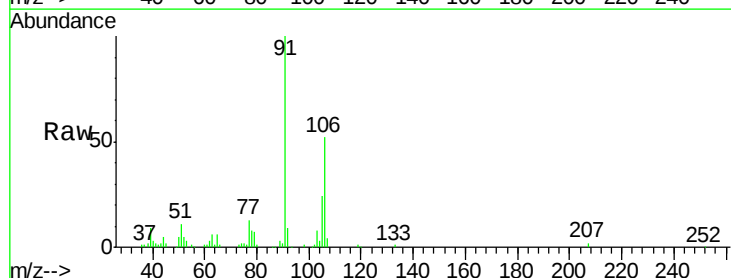
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

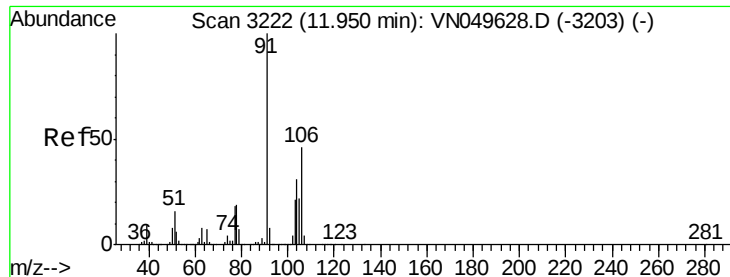
Tgt Ion: 91 Resp: 68549
Ion Ratio Lower Upper
91 100
106 33.3 24.8 37.2



#68
m/p-Xylenes
Concen: 1.835 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

Tgt Ion: 106 Resp: 49357
Ion Ratio Lower Upper
106 100
91 199.0 163.4 245.2

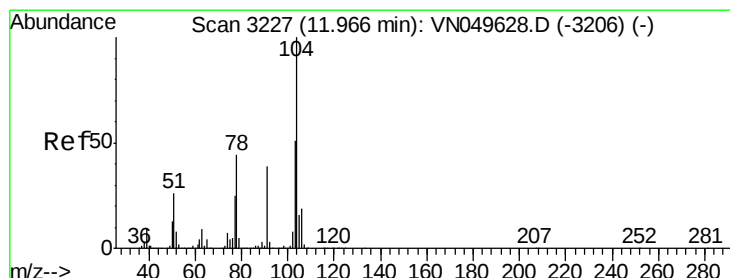
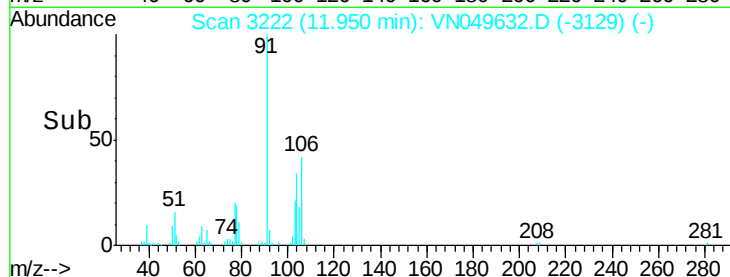
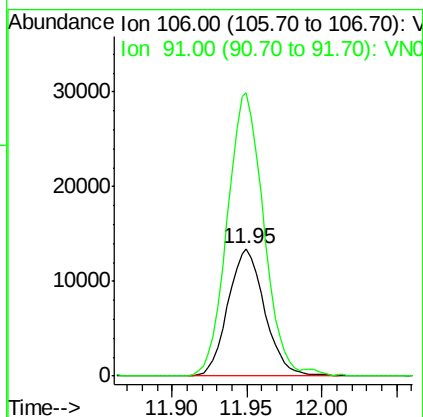
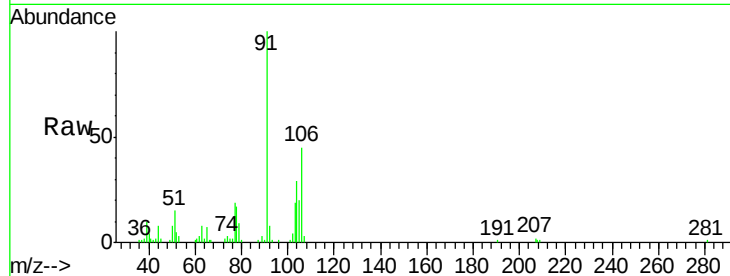




#69
o-Xylene
Concen: 0.893 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

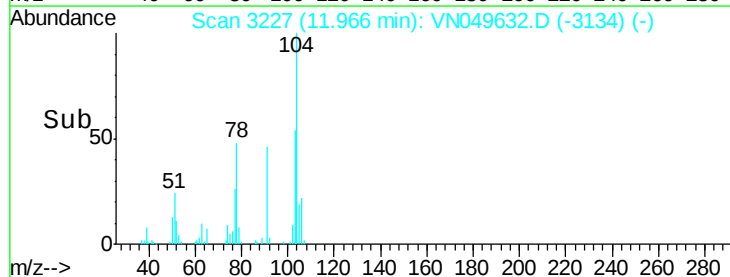
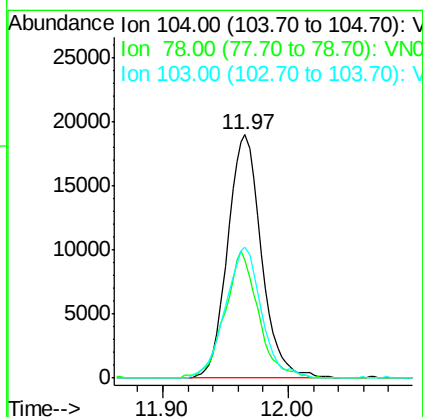
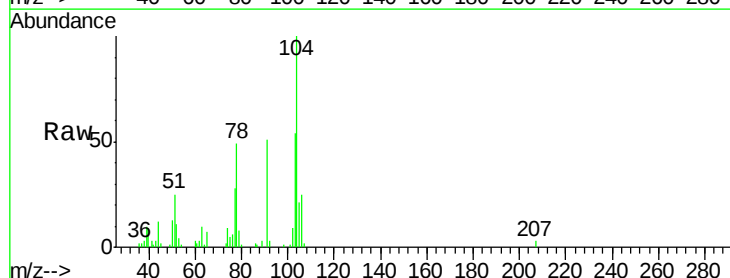
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

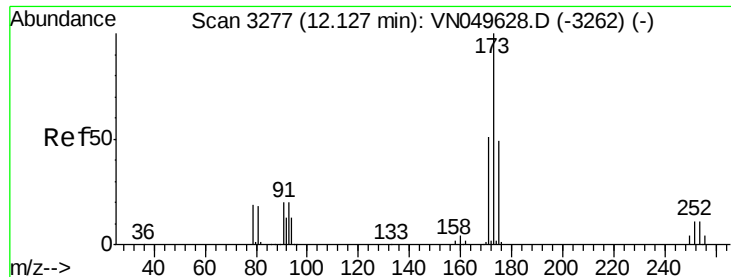
Tgt Ion:106 Resp: 22990
Ion Ratio Lower Upper
106 100
91 221.1 108.7 326.1



#70
Styrene
Concen: 0.851 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. -0.00 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

Tgt Ion:104 Resp: 35454
Ion Ratio Lower Upper
104 100
78 51.6 39.2 58.8
103 57.2 44.6 67.0





#71

Bromoform

Concen: 0.987 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

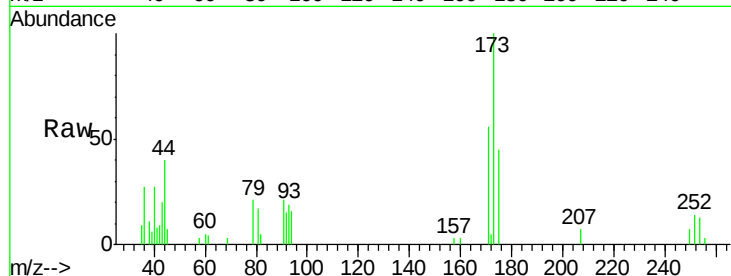
Tgt Ion:173 Resp: 10001

Ion Ratio Lower Upper

173 100

175 50.9 24.6 73.8

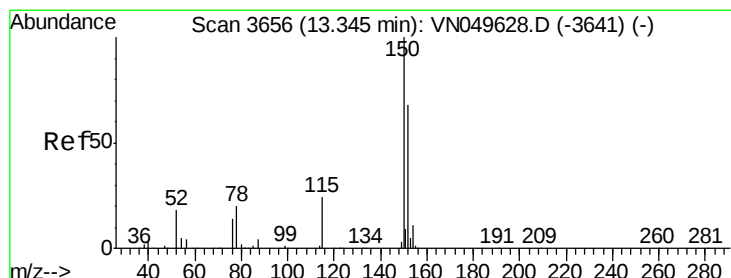
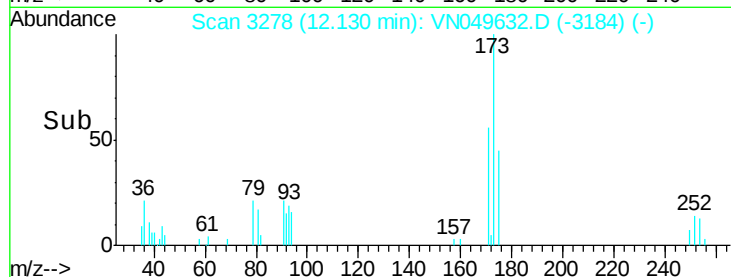
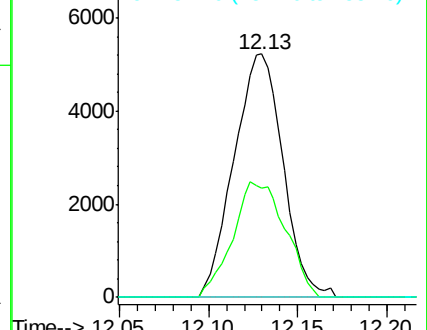
254 0.0 0.2 0.2#



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: VN049632.D

Acq: 29 Jun 2018 14:26

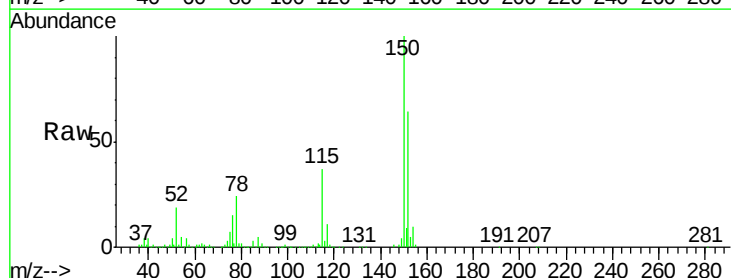
Tgt Ion:152 Resp: 683047

Ion Ratio Lower Upper

152 100

115 57.0 28.1 84.2

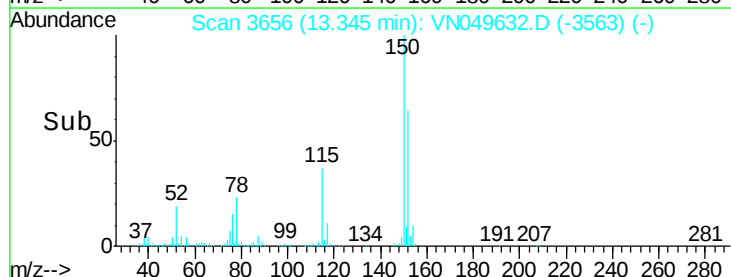
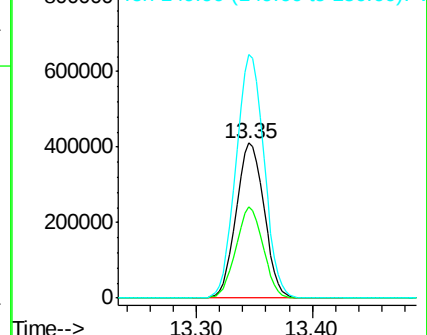
150 157.6 0.0 347.6

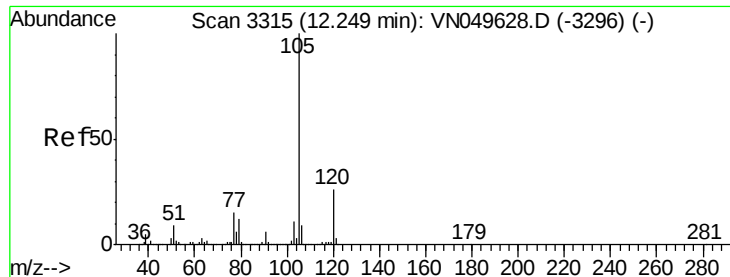


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.069 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

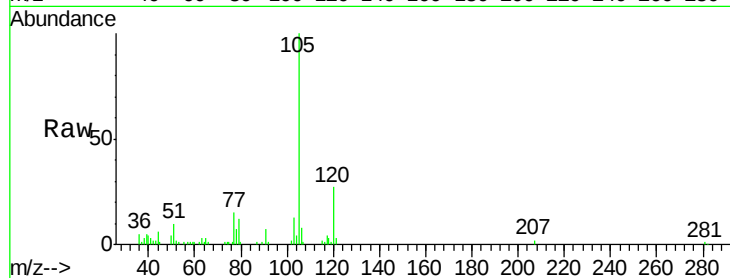
VSTDIC001

Tgt Ion: 105 Resp: 58146

Ion Ratio Lower Upper

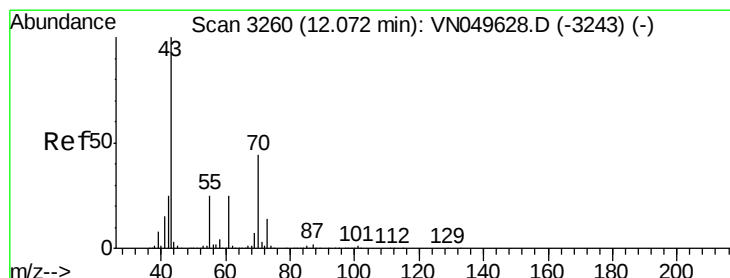
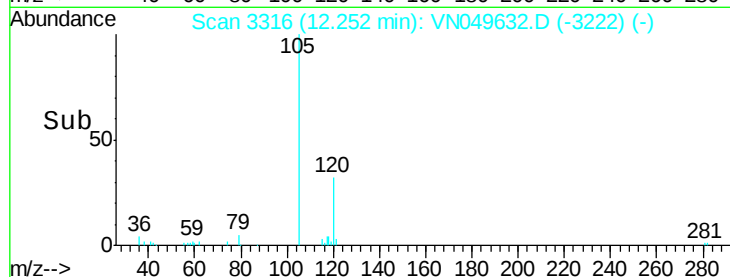
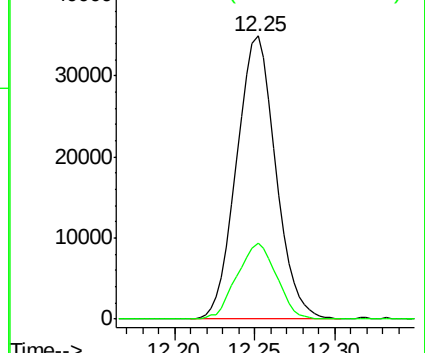
105 100

120 27.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.162 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Tgt Ion: 43 Resp: 17271

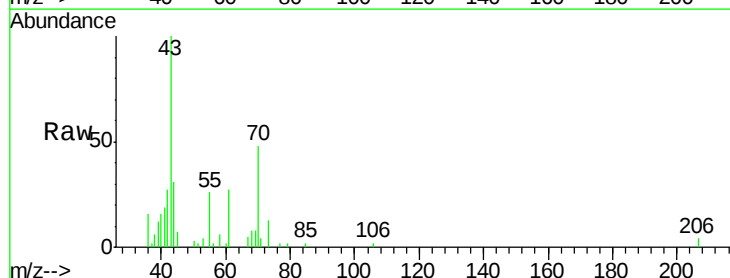
Ion Ratio Lower Upper

43 100

70 43.0 34.8 52.2

55 26.1 20.9 31.3

61 24.4 19.9 29.9

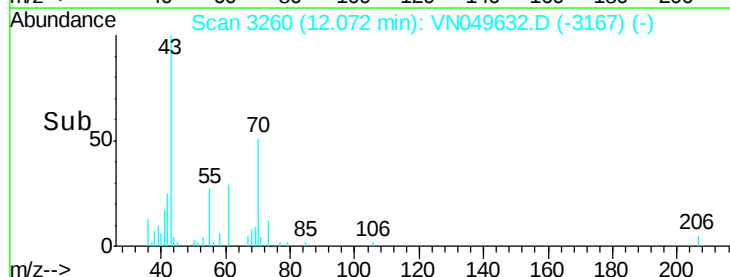
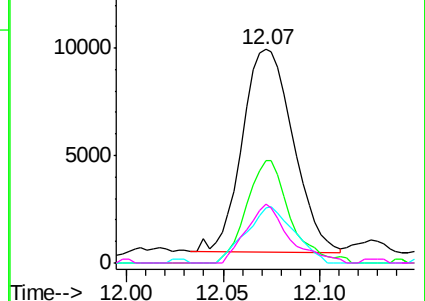


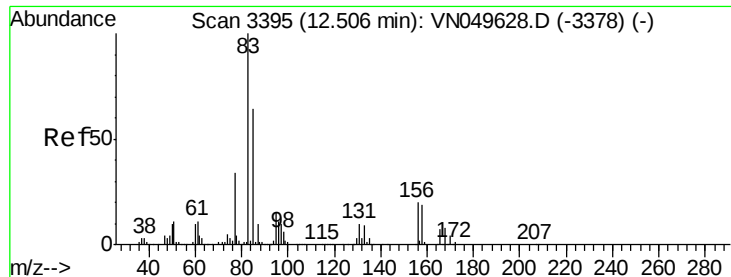
Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 70.00 (69.70 to 70.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 61.00 (60.70 to 61.70): VN





#75

1,1,2,2-Tetrachloroethane

Concen: 1.350 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. -0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

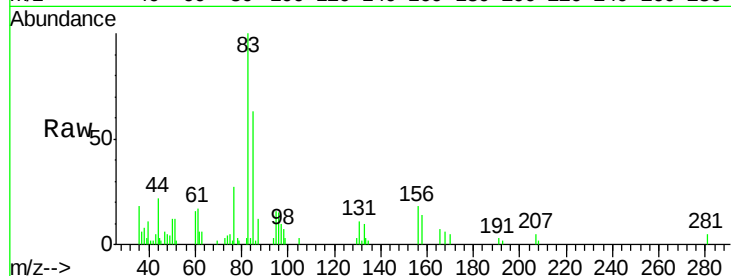
Tgt Ion: 83 Resp: 17343

Ion Ratio Lower Upper

83 100

131 13.1 5.2 15.6

85 62.0 32.5 97.4

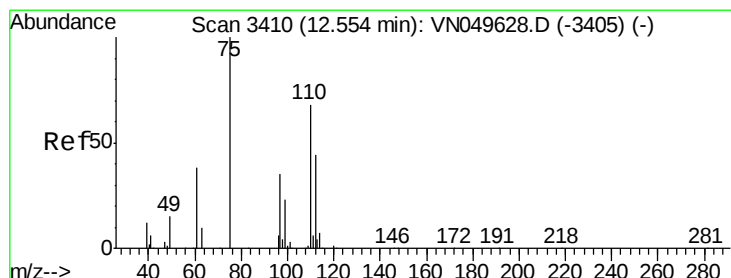
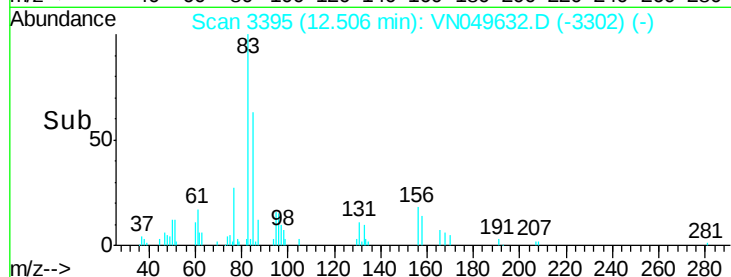


Abundance Ion 82.90 (82.60 to 83.60): VN049632.D (-3302) (-)

Ion 130.80 (130.50 to 131.50): VN049632.D (-3302) (-)

Ion 84.90 (84.60 to 85.60): VN049632.D (-3302) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 1.826 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049632.D

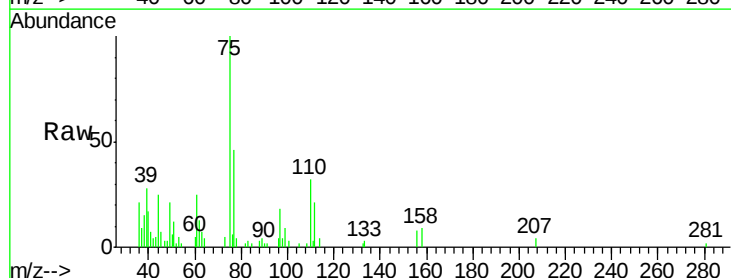
Acq: 29 Jun 2018 14:26

Tgt Ion: 75 Resp: 21650

Ion Ratio Lower Upper

75 100

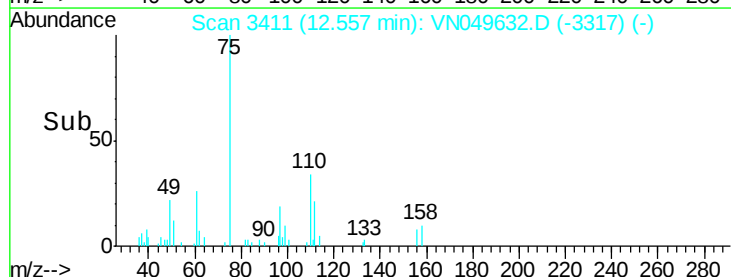
77 0.0 0.0 0.0

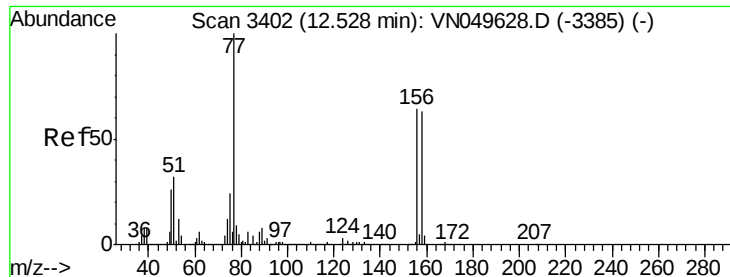


Abundance Ion 74.90 (74.60 to 75.60): VN049632.D (-3317) (-)

Ion 77.00 (76.70 to 77.70): VN049632.D (-3317) (-)

Time-->





#77

Bromobenzene

Concen: 1.278 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

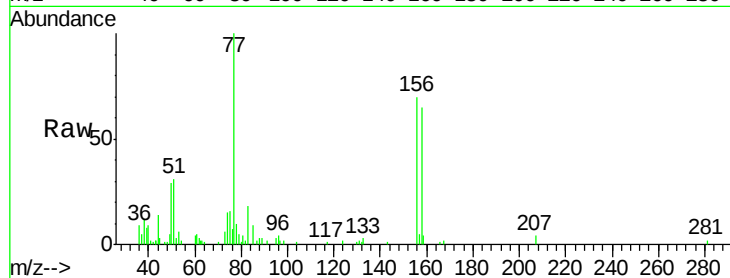
Tgt Ion:156 Resp: 18908

Ion Ratio Lower Upper

156 100

77 178.7 90.2 270.6

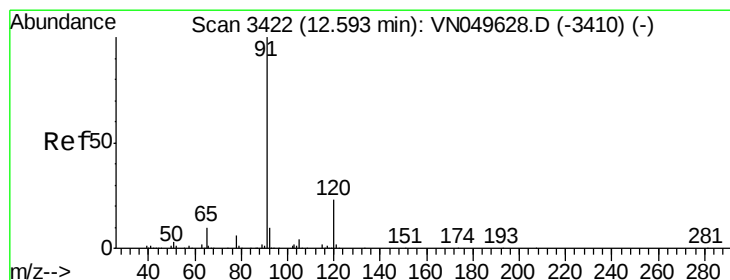
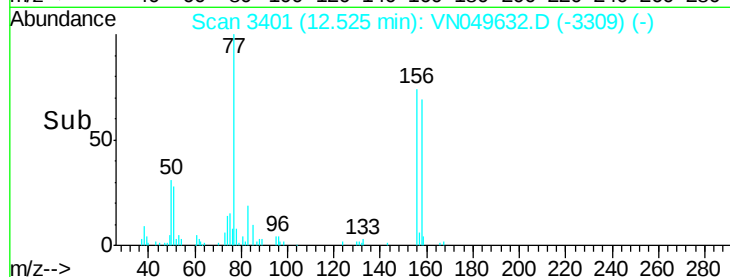
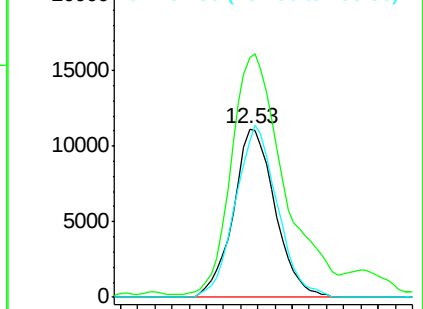
158 102.2 49.1 147.3



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: 1.052 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049632.D

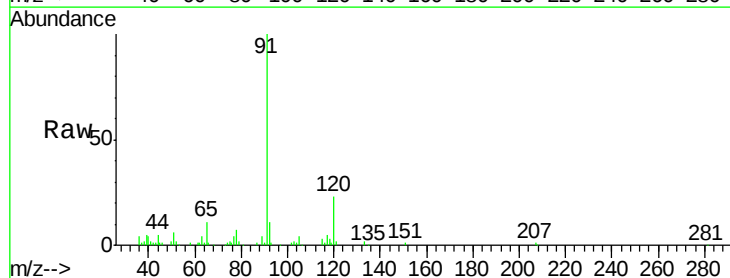
Acq: 29 Jun 2018 14:26

Tgt Ion: 91 Resp: 65599

Ion Ratio Lower Upper

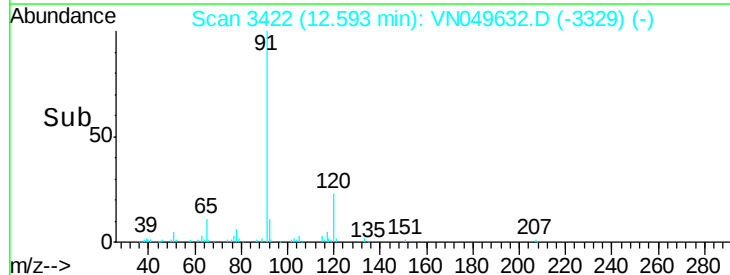
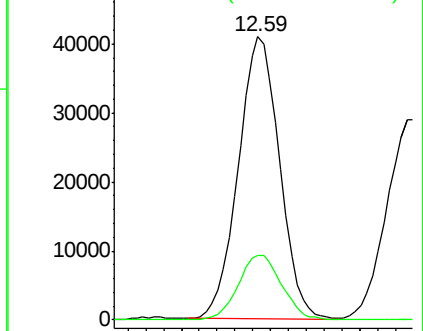
91 100

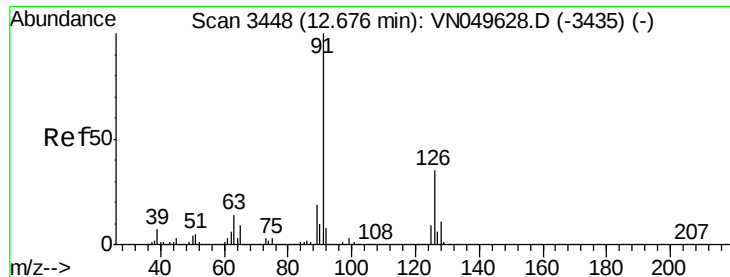
120 24.2 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.216 ug/l

RT: 12.68 min Scan# 3449

Delta R.T. 0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

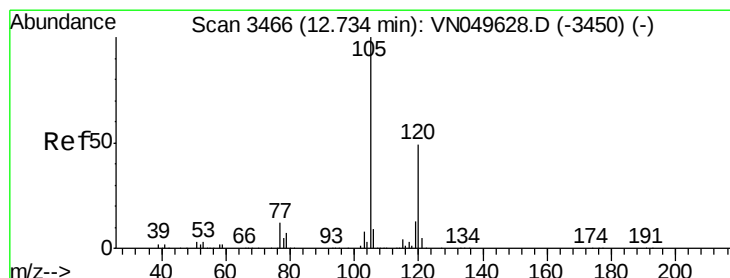
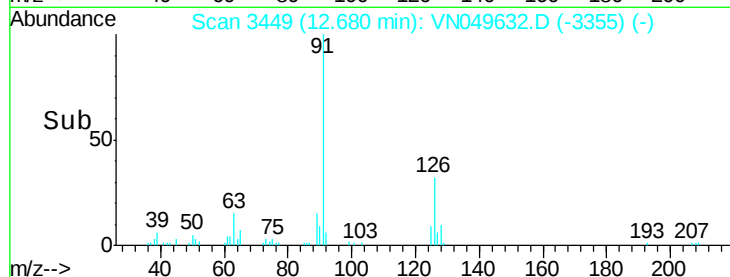
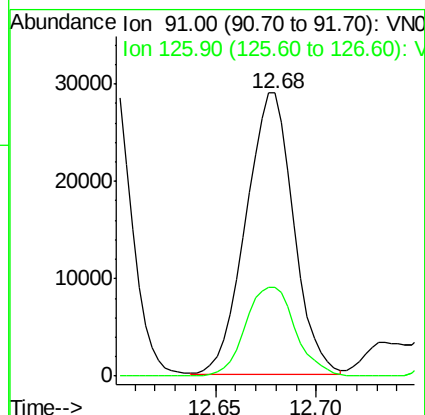
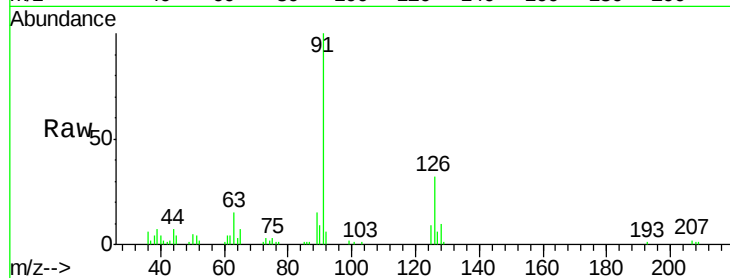
VSTDIC001

Tgt Ion: 91 Resp: 47991

Ion Ratio Lower Upper

91 100

126 33.1 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 0.994 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049632.D

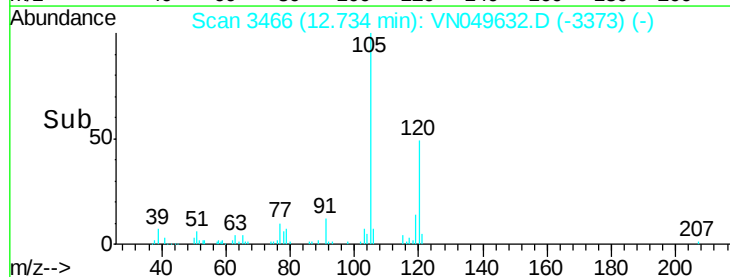
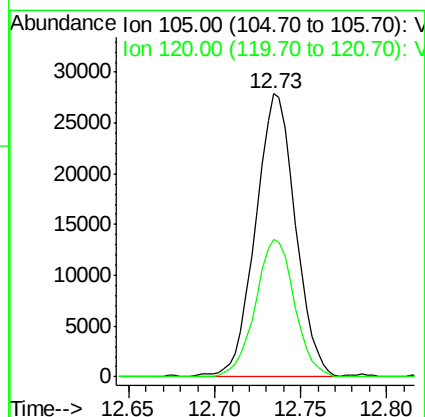
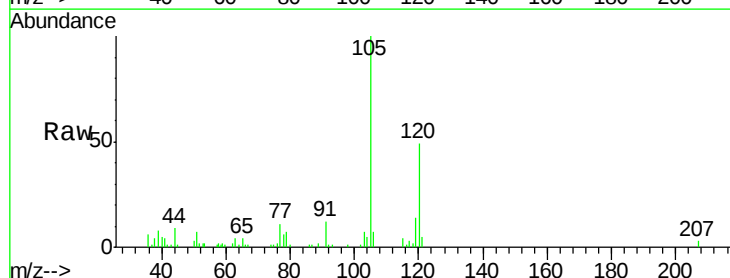
Acq: 29 Jun 2018 14:26

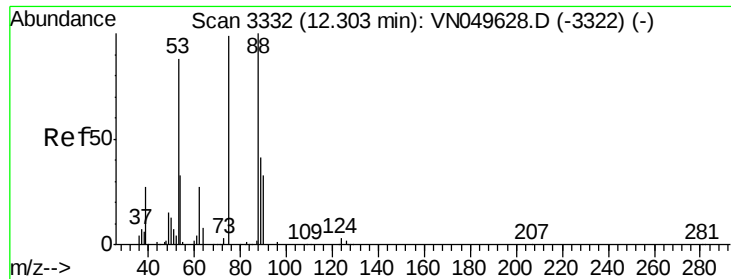
Tgt Ion: 105 Resp: 44919

Ion Ratio Lower Upper

105 100

120 47.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 1.065 ug/l

RT: 12.31 min Scan# 3334

Delta R.T. 0.01 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

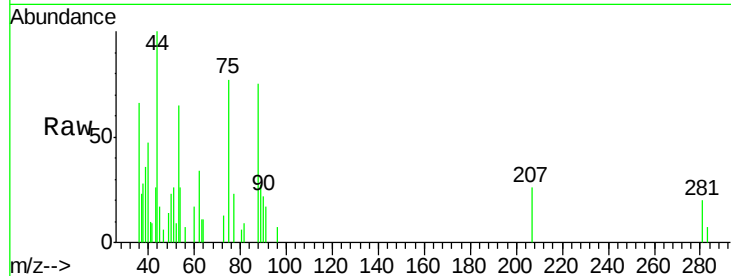
Tgt Ion: 75 Resp: 3435

Ion Ratio Lower Upper

75 100

53 98.6 73.9 110.9

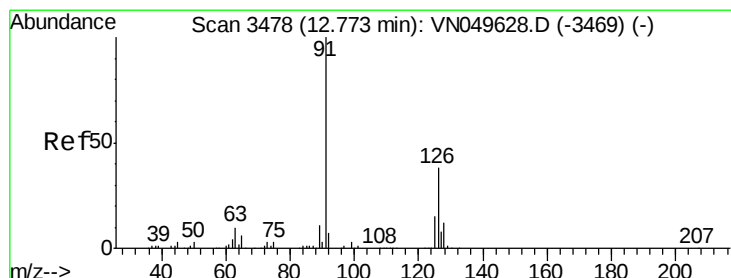
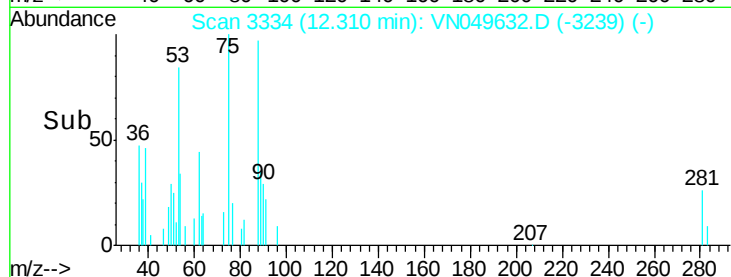
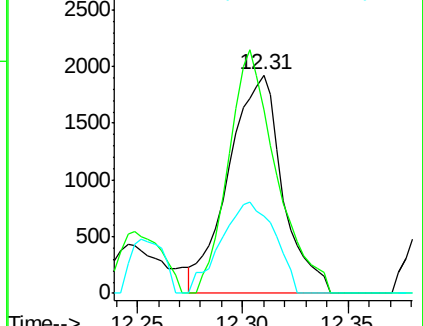
89 41.6 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VN049632.D (-3239) (-)

Ion 53.00 (52.70 to 53.70): VN049632.D (-3239) (-)

Ion 88.90 (88.60 to 89.60): VN049632.D (-3239) (-)



#82

4-Chlorotoluene

Concen: 1.158 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049632.D

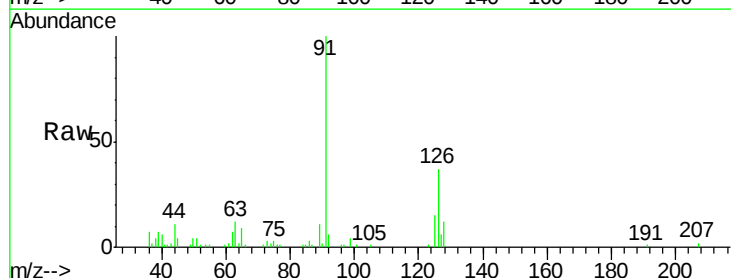
Acq: 29 Jun 2018 14:26

Tgt Ion: 91 Resp: 45945

Ion Ratio Lower Upper

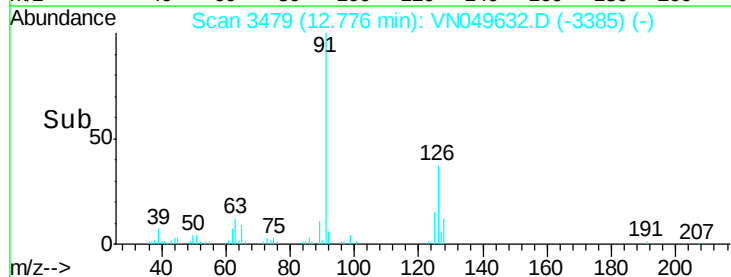
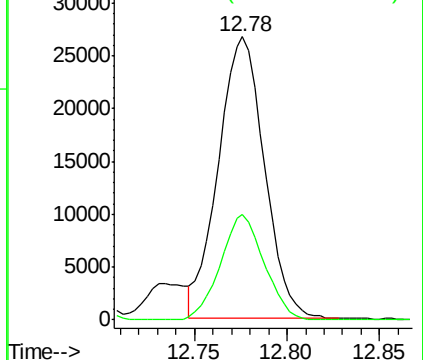
91 100

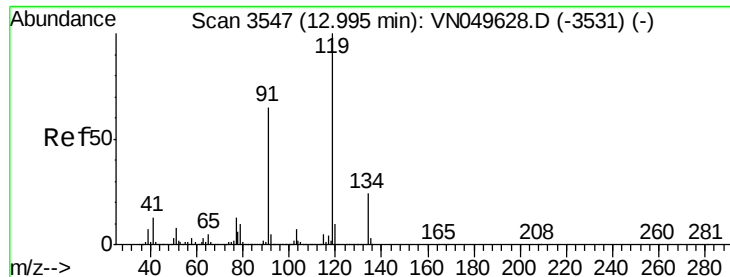
126 35.5 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN049632.D (-3385) (-)

Ion 125.90 (125.60 to 126.60): VN049632.D (-3385) (-)

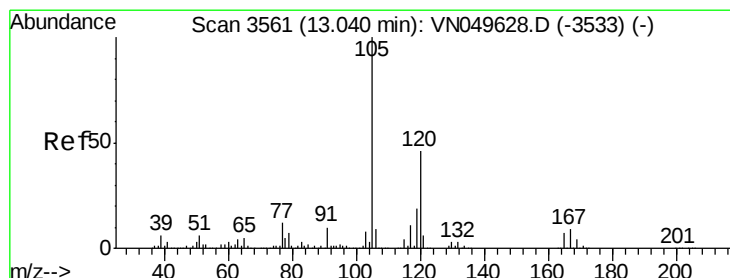
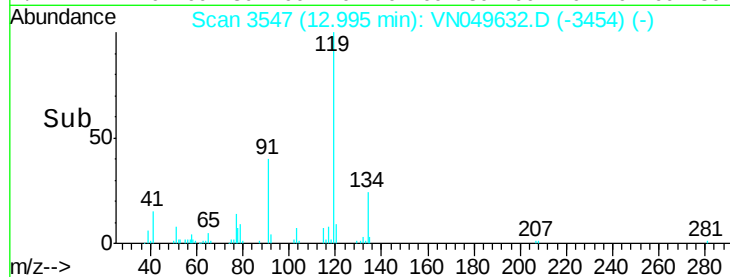
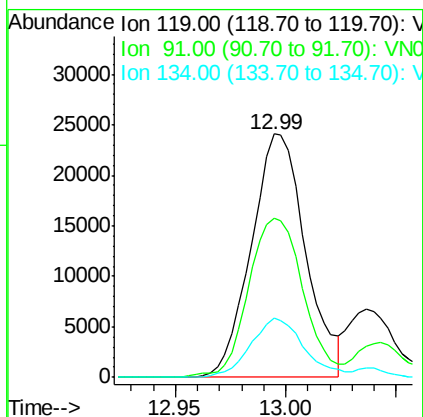
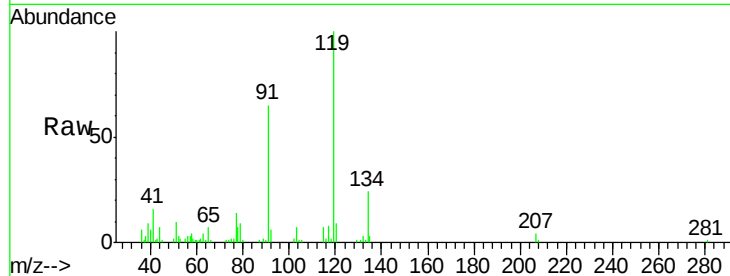




#83
 tert-Butylbenzene
 Concen: 1.059 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN049632.D
 Acq: 29 Jun 2018 14:26

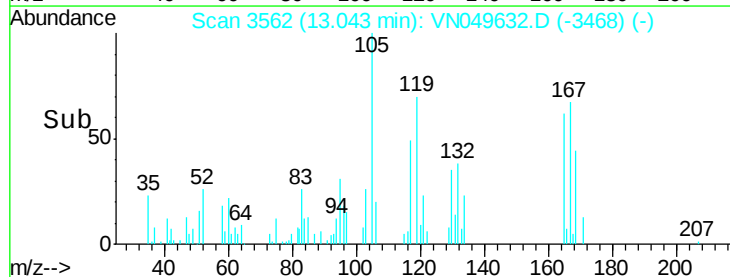
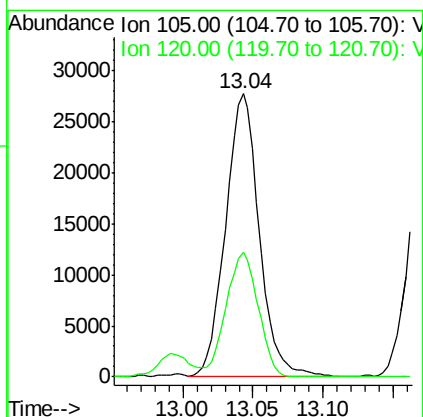
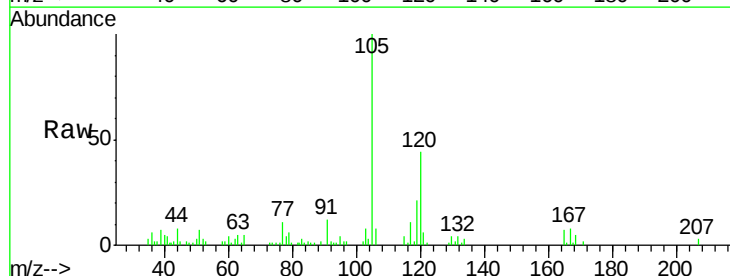
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

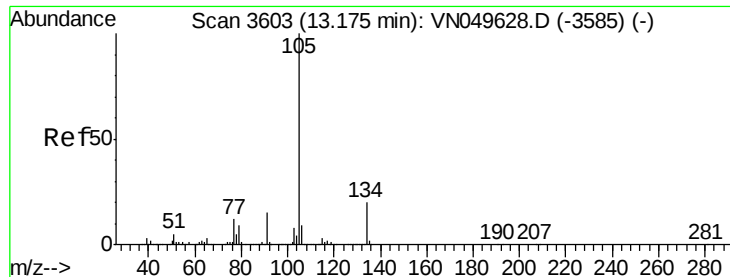
Tgt Ion:119 Resp: 41125
 Ion Ratio Lower Upper
 119 100
 91 65.6 32.0 96.2
 134 24.0 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 0.997 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049632.D
 Acq: 29 Jun 2018 14:26

Tgt Ion:105 Resp: 46316
 Ion Ratio Lower Upper
 105 100
 120 42.0 22.7 68.1

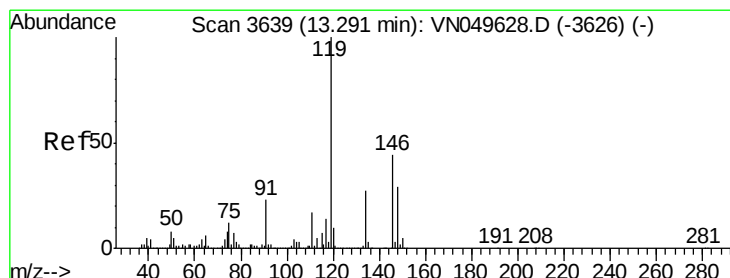
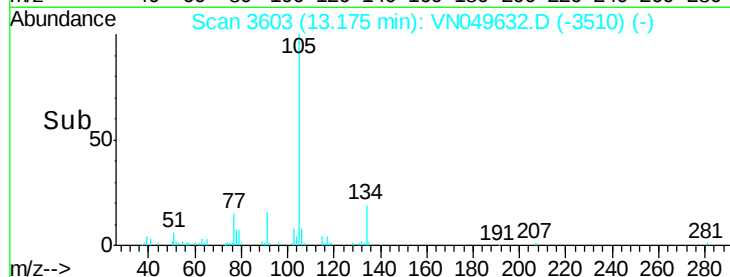
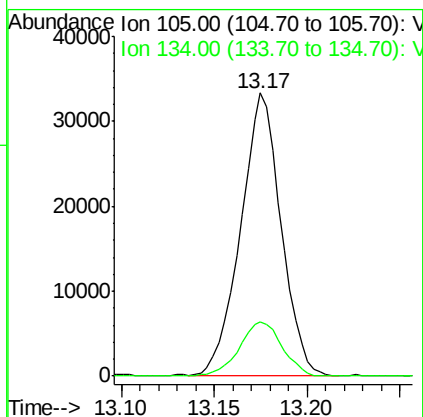
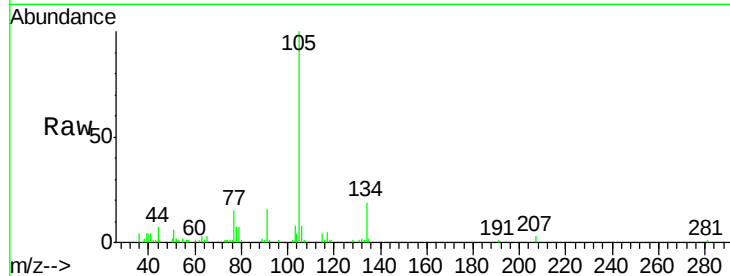




#85
 sec-Butylbenzene
 Concen: 0.984 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN049632.D
 Acq: 29 Jun 2018 14:26

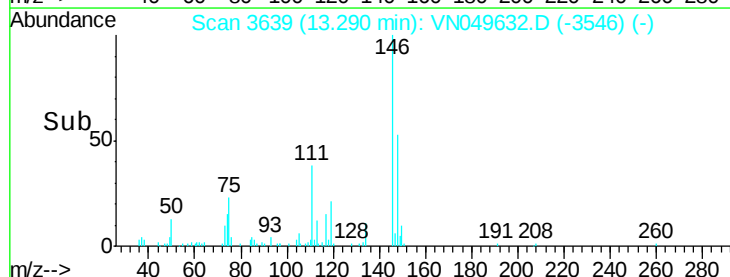
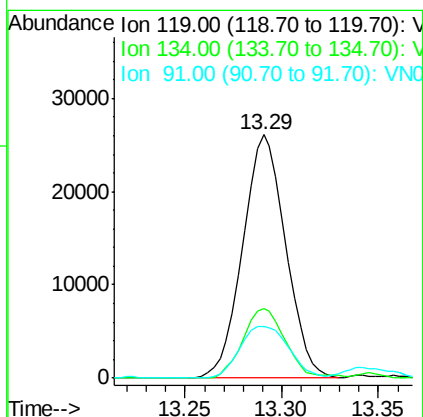
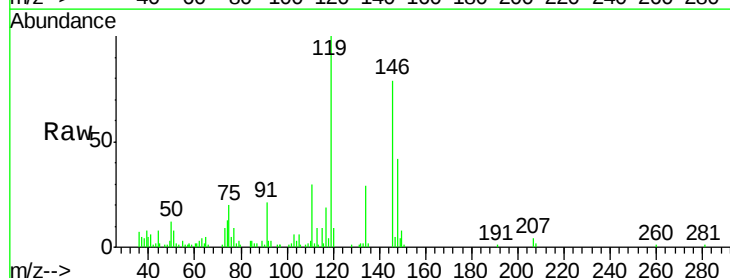
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

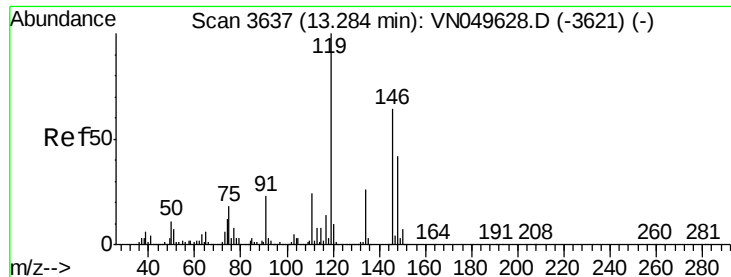
Tgt Ion:105 Resp: 50646
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 0.906 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. -0.00 min
 Lab File: VN049632.D
 Acq: 29 Jun 2018 14:26

Tgt Ion:119 Resp: 40376
 Ion Ratio Lower Upper
 119 100
 134 28.4 13.3 39.9
 91 24.4 11.4 34.1

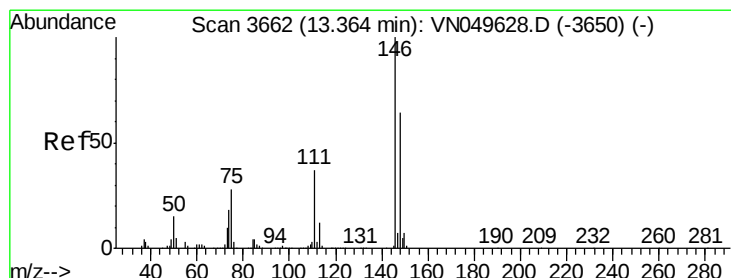
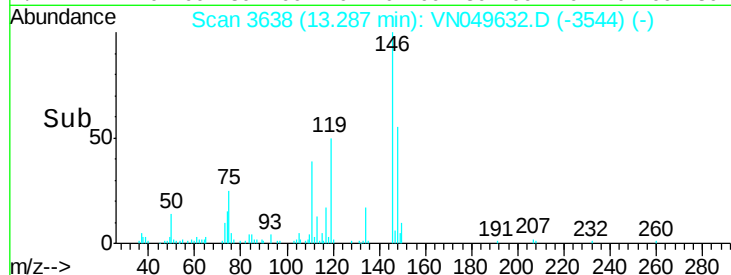
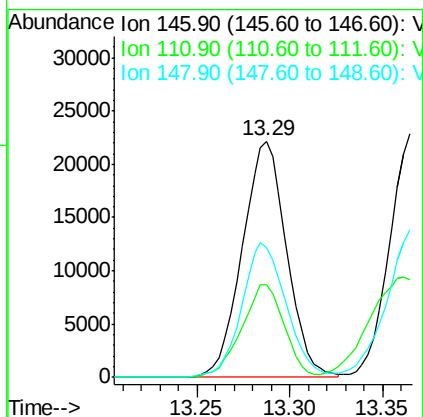
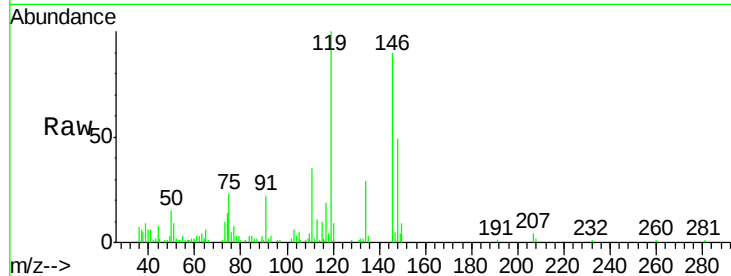




#87
 1,3-Dichlorobenzene
 Concen: 1.345 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. 0.00 min
 Lab File: VN049632.D
 Acq: 29 Jun 2018 14:26

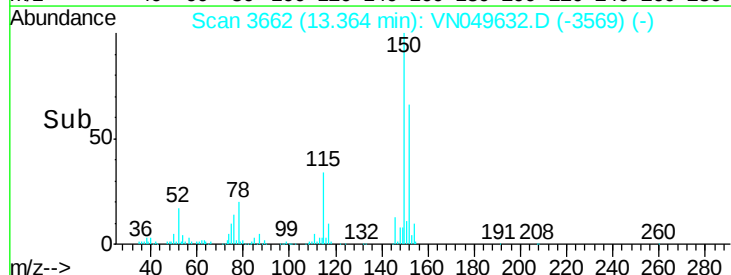
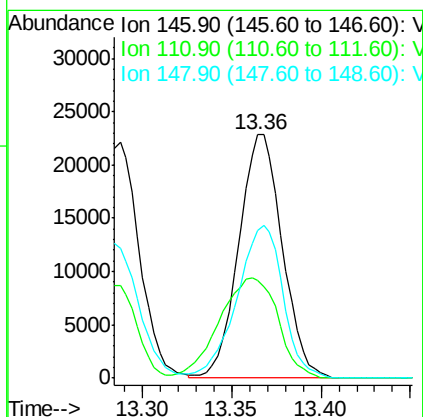
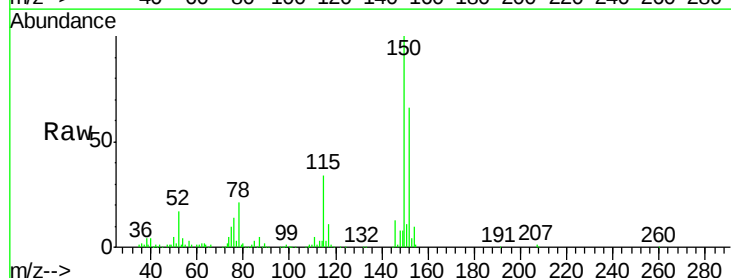
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

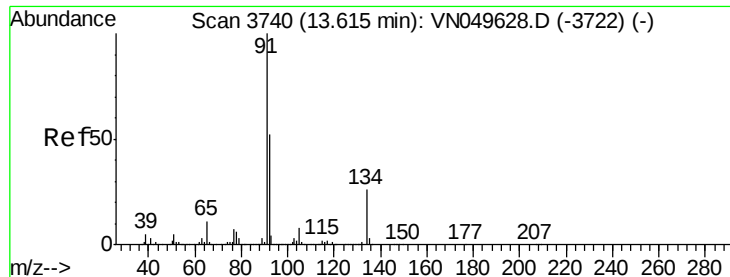
Tgt Ion:146 Resp: 36750
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.0 57.0
 148 57.0 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 1.424 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049632.D
 Acq: 29 Jun 2018 14:26

Tgt Ion:146 Resp: 38821
 Ion Ratio Lower Upper
 146 100
 111 55.3 18.9 56.5
 148 66.7 32.1 96.3





#89

n-Butylbenzene

Concen: 1.064 ug/l

RT: 13.62 min Scan# 3741

Delta R.T. 0.00 min

Lab File: VN049632.D

Acq: 29 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

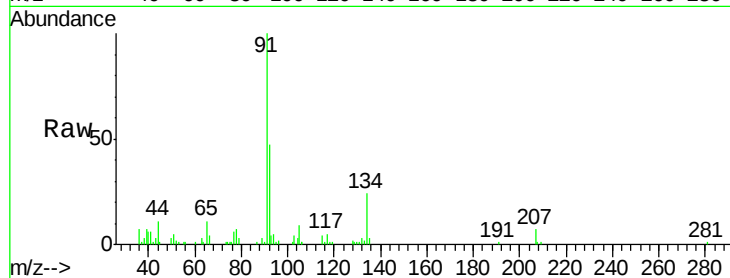
Tgt Ion: 91 Resp: 40582

Ion Ratio Lower Upper

91 100

92 48.2 25.8 77.3

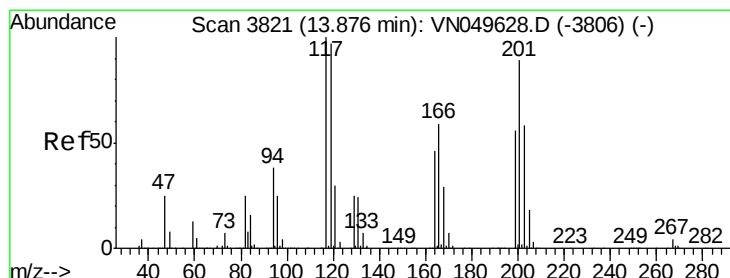
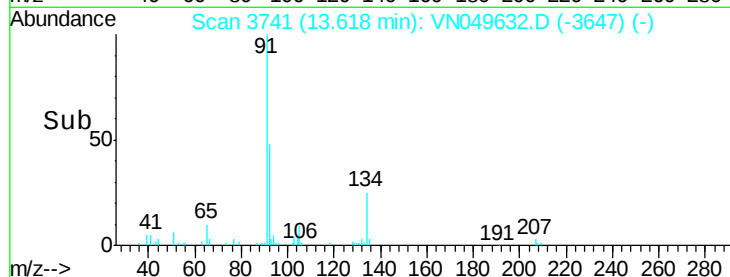
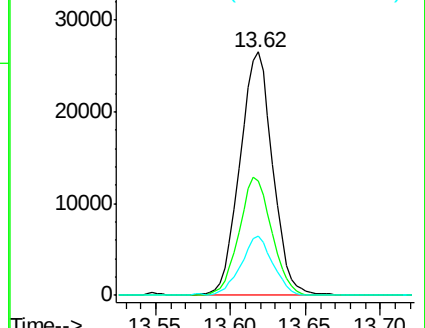
134 23.4 13.0 38.9



Abundance Ion 91.00 (90.70 to 91.70): VN049632.D (-3647) (-)

Ion 92.00 (91.70 to 92.70): VN049632.D (-3647) (-)

Ion 134.00 (133.70 to 134.70): VN049632.D (-3647) (-)



#90

Hexachloroethane

Concen: 1.147 ug/l

RT: 13.87 min Scan# 3820

Delta R.T. -0.00 min

Lab File: VN049632.D

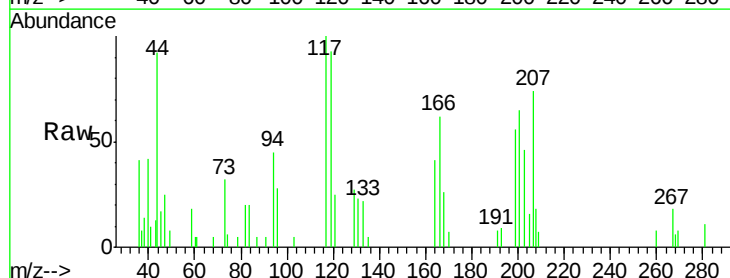
Acq: 29 Jun 2018 14:26

Tgt Ion: 117 Resp: 5372

Ion Ratio Lower Upper

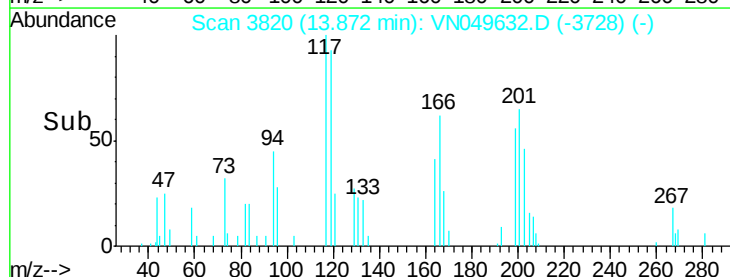
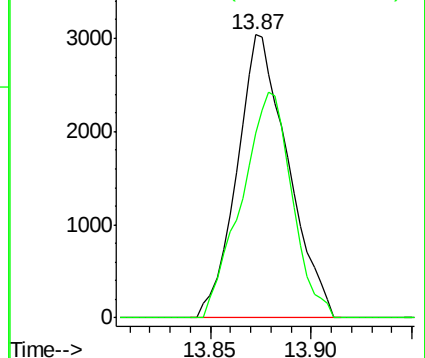
117 100

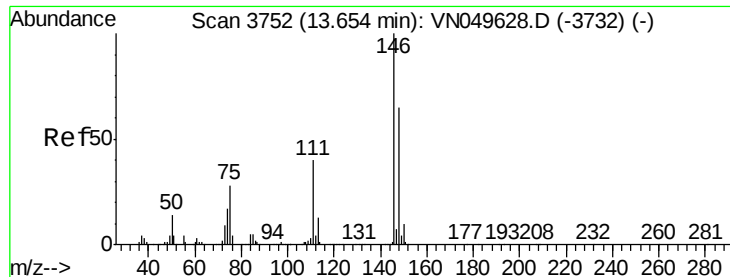
201 78.8 45.3 135.8



Abundance Ion 116.80 (116.50 to 117.50): VN049632.D (-3728) (-)

Ion 200.70 (200.40 to 201.40): VN049632.D (-3728) (-)

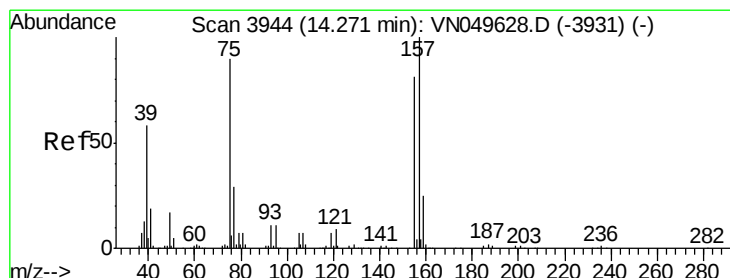
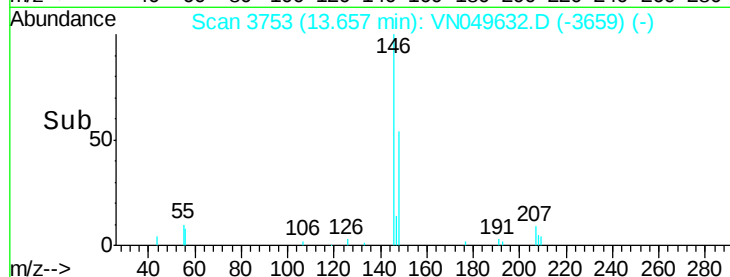
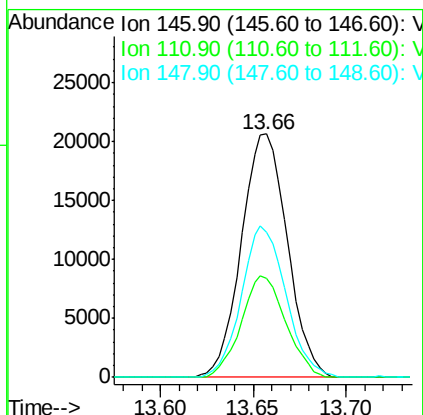
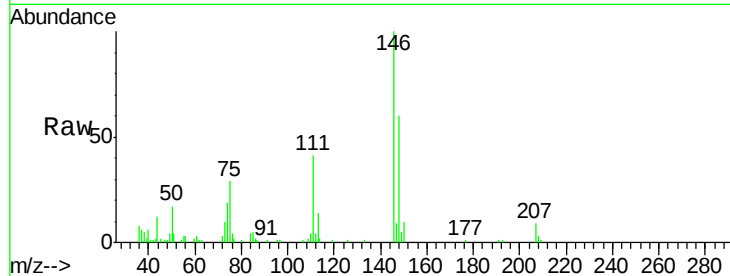




#91
 1,2-Dichlorobenzene
 Concen: 1.335 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049632.D
 Acq: 29 Jun 2018 14:26

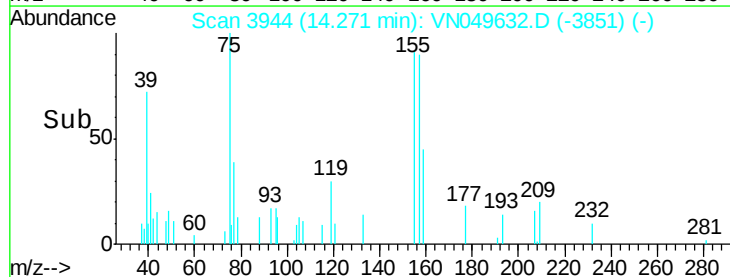
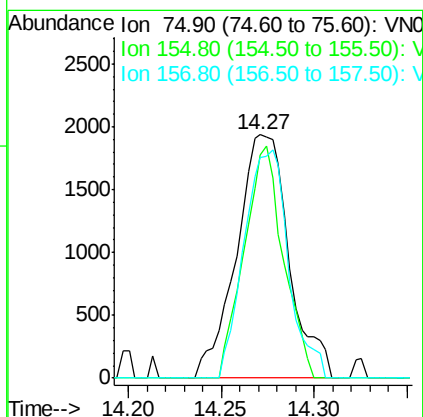
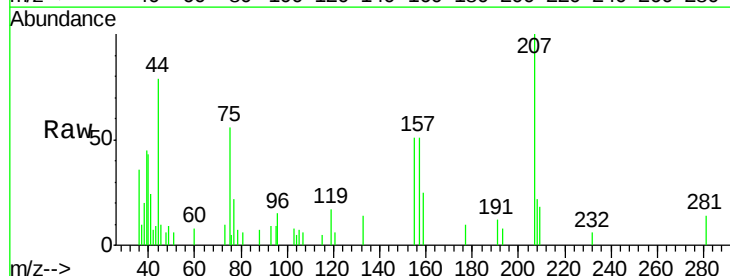
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

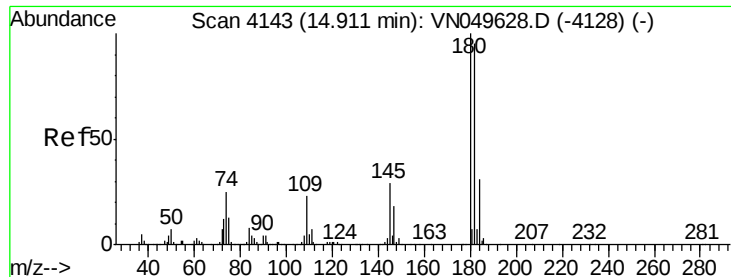
Tgt Ion: 146 Resp: 35438
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.7 59.1
 148 60.2 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.712 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN049632.D
 Acq: 29 Jun 2018 14:26

Tgt Ion: 75 Resp: 3838
 Ion Ratio Lower Upper
 75 100
 155 70.8 45.7 137.1
 157 78.9 56.9 170.7

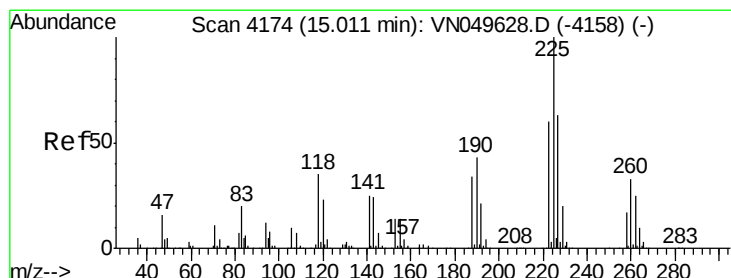
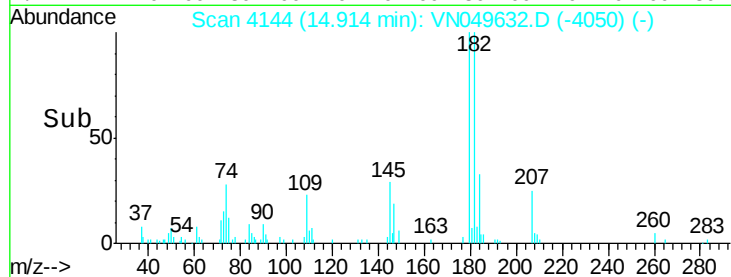
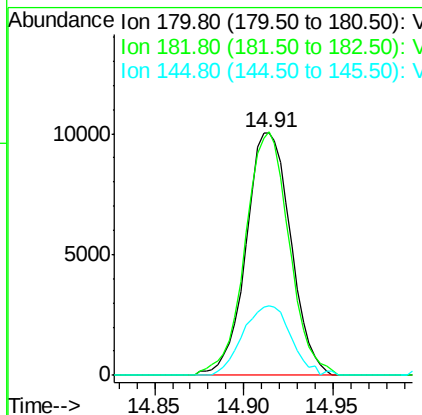
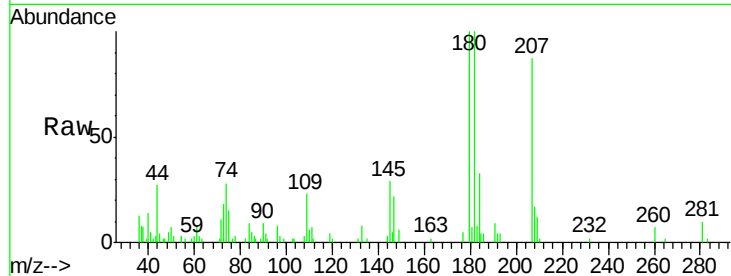




#93
 1,2,4-Trichlorobenzene
 Concen: 1.432 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049632.D
 Acq: 29 Jun 2018 14:26

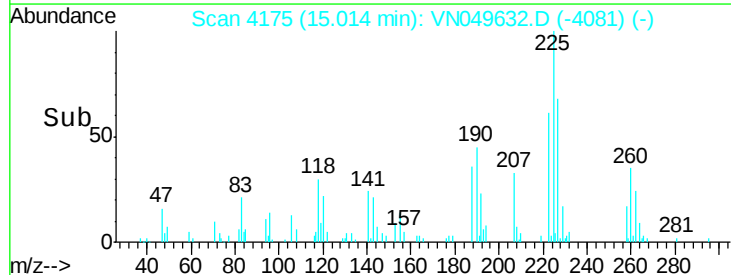
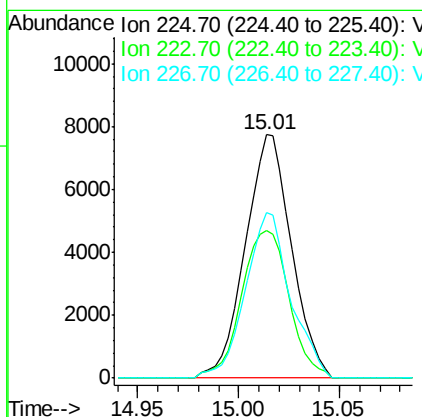
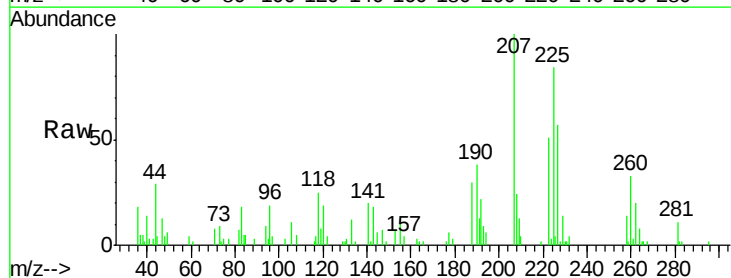
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

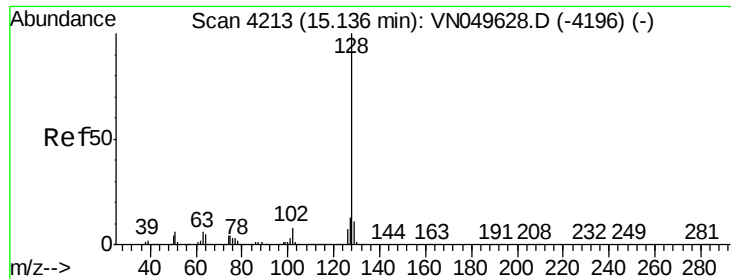
Tgt Ion:180 Resp: 17502
 Ion Ratio Lower Upper
 180 100
 182 99.2 47.3 141.9
 145 31.0 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 1.458 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049632.D
 Acq: 29 Jun 2018 14:26

Tgt Ion:225 Resp: 12364
 Ion Ratio Lower Upper
 225 100
 223 62.6 30.9 92.7
 227 66.3 31.8 95.4

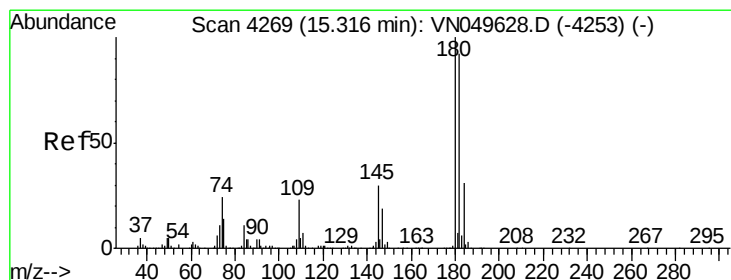
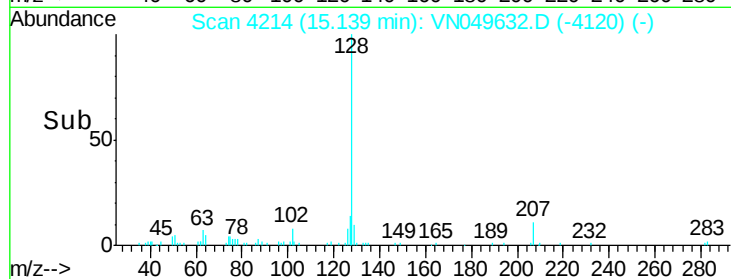
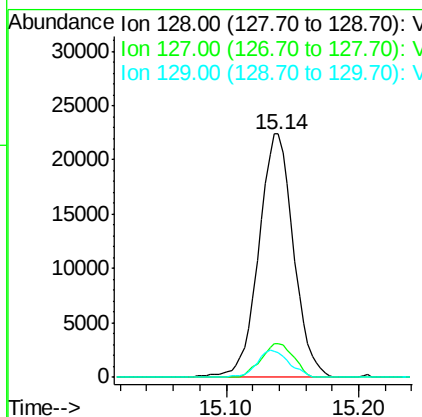
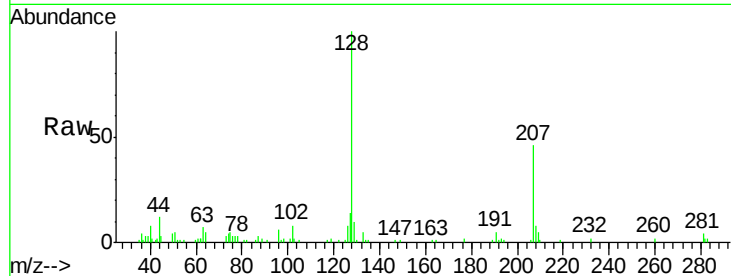




#95
Naphthalene
Concen: 1.559 ug/l
RT: 15.14 min Scan# 4214
Delta R.T. 0.00 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 40891
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.3 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.635 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN049632.D
Acq: 29 Jun 2018 14:26

Tgt Ion:180 Resp: 20567
Ion Ratio Lower Upper
180 100
182 100.7 47.4 142.2
145 29.8 15.2 45.6

