

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042919\
 Data File : VN055283.D
 Acq On : 29 Apr 2019 10:16
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 30 03:46:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 03:41:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	436580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	684632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	574129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	170226	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	28371	4.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.66%	
35) Dibromofluoromethane	7.59	113	23798	5.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.34%	
50) Toluene-d8	10.09	98	82579	4.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.70%	
62) 4-Bromofluorobenzene	12.40	95	24733	4.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.20%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	23902	4.315	ug/l 98
3) Chloromethane	2.06	50	31189	4.599	ug/l 99
4) Vinyl Chloride	2.19	62	25184	4.638	ug/l 96
5) Bromomethane	2.56	94	14198	4.479	ug/l 98
6) Chloroethane	2.70	64	14416	4.996	ug/l 99
7) Trichlorofluoromethane	3.02	101	38754	5.202	ug/l 97
8) Diethyl Ether	3.41	74	12852	4.837	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	3.76	101	23202	4.992	ug/l 92
10) Methyl Iodide	3.95	142	30225	4.669	ug/l 98
11) Tert butyl alcohol	4.77	59	2441	7.142	ug/l # 82
12) 1,1-Dichloroethene	3.74	96	21681	4.893	ug/l 94
13) Acrolein	3.61	56	5640	13.277	ug/l # 78
14) Allyl chloride	4.33	41	43007	4.860	ug/l 96
15) Acrylonitrile	5.00	53	45537	24.249	ug/l 99
16) Acetone	3.82	43	45184	24.147	ug/l 99
17) Carbon Disulfide	4.05	76	54357	4.428	ug/l 98
18) Methyl Acetate	4.33	43	25336	4.751	ug/l 93
19) Methyl tert-butyl Ether	5.05	73	59874	4.837	ug/l 100
20) Methylene Chloride	4.55	84	28012	5.029	ug/l 92
21) trans-1,2-Dichloroethene	5.05	96	23980	5.158	ug/l 91
22) Diisopropyl ether	5.95	45	86585	4.893	ug/l 92
23) Vinyl Acetate	5.90	43	273169	23.127	ug/l 98
24) 1,1-Dichloroethane	5.85	63	48907	5.170	ug/l 97
25) 2-Butanone	6.84	43	56346	22.792	ug/l 100
26) 2,2-Dichloropropane	6.82	77	31665	4.919	ug/l 94
27) cis-1,2-Dichloroethene	6.83	96	27506	5.110	ug/l 97
28) Bromochloromethane	7.20	49	23184	4.804	ug/l 95
29) Tetrahydrofuran	7.22	42	36986	24.050	ug/l 99
30) Chloroform	7.37	83	45982	5.104	ug/l 95
31) Cyclohexane	7.66	56	51180	4.726	ug/l # 87
32) 1,1,1-Trichloroethane	7.57	97	35932	4.974	ug/l 98
36) 1,1-Dichloropropene	7.79	75	31906	5.088	ug/l 99
37) Ethyl Acetate	6.93	43	23533	4.648	ug/l # 95
38) Carbon Tetrachloride	7.77	117	31125	5.262	ug/l 95

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 Data File : VN055283.D
 Acq On : 29 Apr 2019 10:16
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 30 03:46:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 03:41:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	36515	4.890	ug/l	98
40) Benzene	8.04	78	97956	5.031	ug/l	97
41) Methacrylonitrile	7.18	41	12116	4.552	ug/l	93
42) 1,2-Dichloroethane	8.13	62	36046	5.305	ug/l	100
43) Isopropyl Acetate	8.17	43	38853	4.714	ug/l	94
44) Trichloroethene	8.83	130	24167	4.922	ug/l	98
45) 1,2-Dichloropropane	9.12	63	28013	5.083	ug/l	99
46) Dibromomethane	9.21	93	15552	4.956	ug/l	99
47) Bromodichloromethane	9.40	83	33213	5.263	ug/l	99
48) Methyl methacrylate	9.20	41	20701	5.150	ug/l	95
49) 1,4-Dioxane	9.20	88	4400	97.029	ug/l #	94
51) 4-Methyl-2-Pentanone	9.99	43	114766	24.206	ug/l	99
52) Toluene	10.16	92	56426	4.968	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	26448	4.569	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	33684	4.689	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	20269	4.812	ug/l	93
56) Ethyl methacrylate	10.43	69	24816	4.744	ug/l	97
57) 1,3-Dichloropropane	10.71	76	36072	4.929	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	30860	19.115	ug/l	100
59) 2-Hexanone	10.75	43	70383	23.782	ug/l	96
60) Dibromochloromethane	10.90	129	19984	4.600	ug/l	95
61) 1,2-Dibromoethane	11.01	107	18860	4.783	ug/l	98
64) Tetrachloroethene	10.63	164	25680	5.527	ug/l	95
65) Chlorobenzene	11.43	112	57028	4.910	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.51	131	22276	5.151	ug/l	98
67) Ethyl Benzene	11.51	91	105366	5.089	ug/l	99
68) m/p-Xylenes	11.62	106	74563	10.074	ug/l	95
69) o-Xylene	11.95	106	36196	4.923	ug/l	97
70) Styrene	11.96	104	52369	4.605	ug/l	96
71) Bromoform	12.13	173	11752	4.596	ug/l #	100
73) Isopropylbenzene	12.25	105	97108	5.922	ug/l	98
74) N-amyl acetate	12.07	43	21769	4.965	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	23676	5.474	ug/l	95
76) 1,2,3-Trichloropropane	12.55	75	27862	7.973	ug/l #	100
77) Bromobenzene	12.53	156	22330	5.957	ug/l	95
78) n-propylbenzene	12.59	91	98398	5.754	ug/l	100
79) 2-Chlorotoluene	12.67	91	62523	5.790	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	74542	5.848	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	5010	5.489	ug/l	89
82) 4-Chlorotoluene	12.77	91	54974	5.557	ug/l	98
83) tert-Butylbenzene	12.99	119	69194	6.064	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	62689	5.218	ug/l	100
85) sec-Butylbenzene	13.17	105	81533	5.648	ug/l	99
86) p-Isopropyltoluene	13.29	119	62703	5.280	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	29463	5.148	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	28403	5.090	ug/l	96
89) n-Butylbenzene	13.61	91	41012	4.689	ug/l	100
90) Hexachloroethane	13.87	117	12082	5.705	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	30245	5.153	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	2323	4.506	ug/l	87

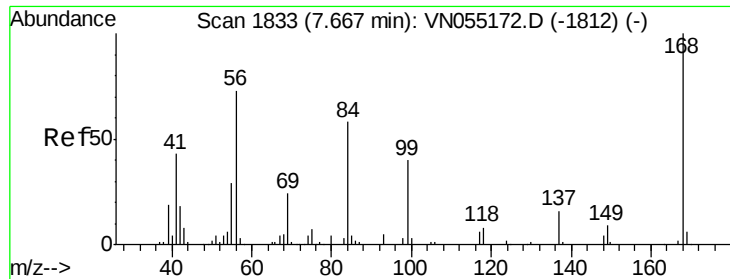
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042919\
Data File : VN055283.D
Acq On : 29 Apr 2019 10:16
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Apr 30 03:46:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 03:41:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	6776	3.320	ug/l	94
94) Hexachlorobutadiene	15.01	225	12032	5.672	ug/l	94
95) Naphthalene	15.13	128	15091	3.511	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	7116	3.358	ug/l	91

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

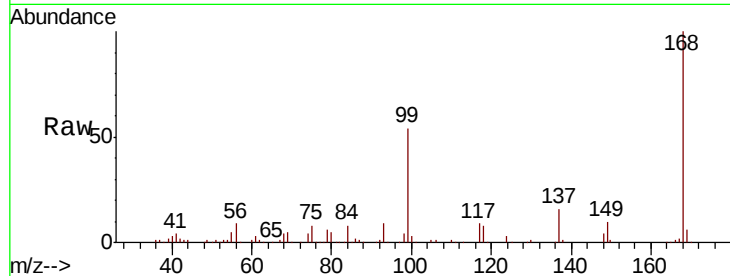
VSTDIC005

Tgt Ion:168 Resp: 436580

Ion Ratio Lower Upper

168 100

99 53.7 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055172.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055172.D (-1812) (-)

7.67

200000

150000

100000

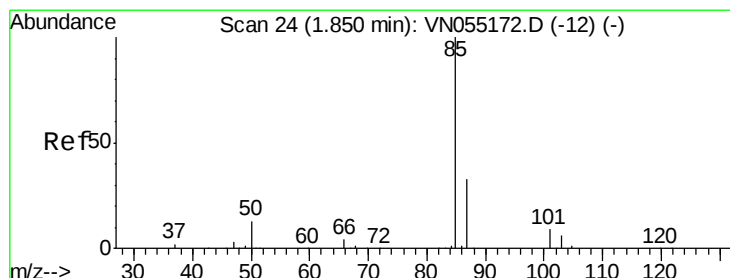
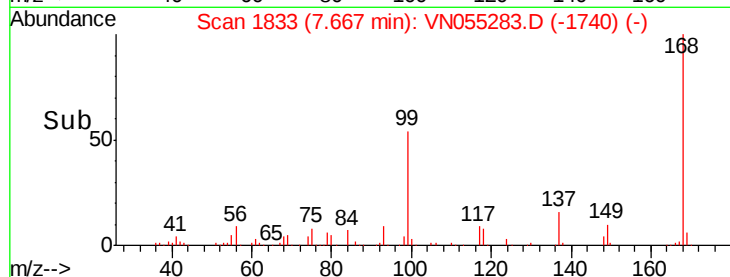
50000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 4.315 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN055283.D

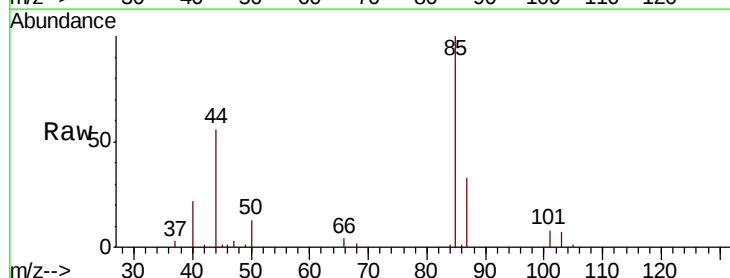
Acq: 29 Apr 2019 10:16

Tgt Ion: 85 Resp: 23902

Ion Ratio Lower Upper

85 100

87 33.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN055172.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN055172.D (-12) (-)

1.85

20000

15000

10000

5000

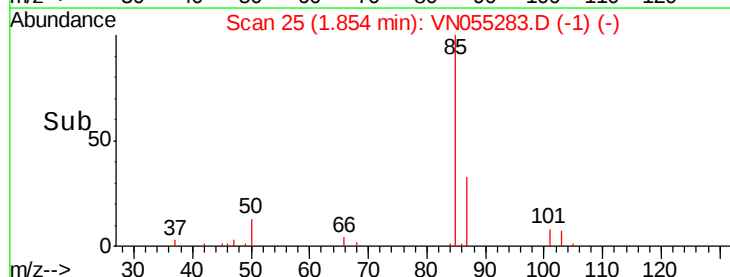
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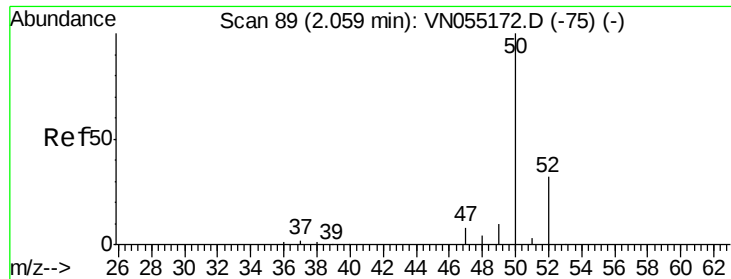
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 4.599 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

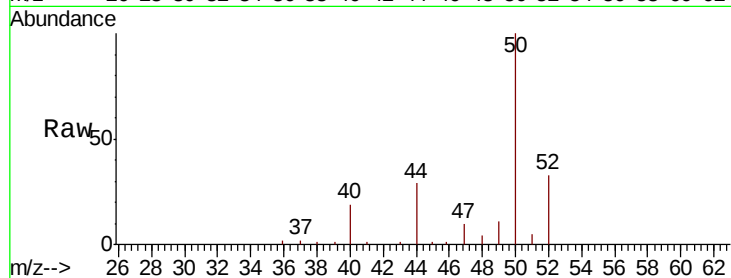
VSTDIC005

Tgt Ion: 50 Resp: 31189

Ion Ratio Lower Upper

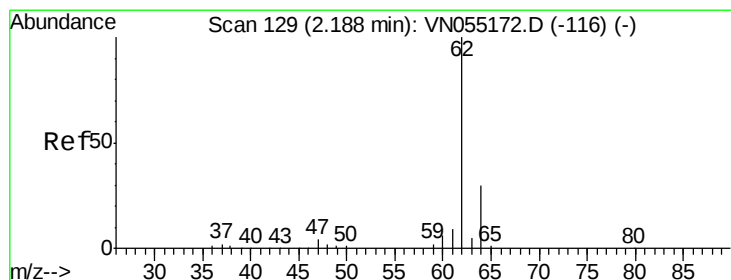
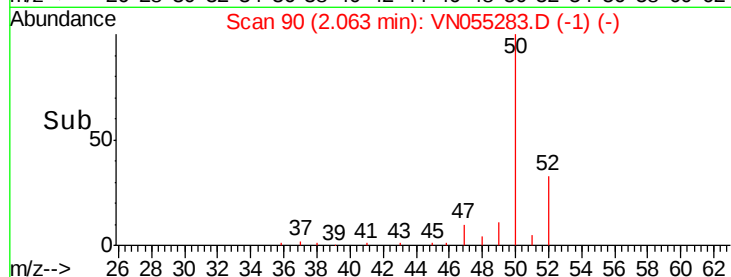
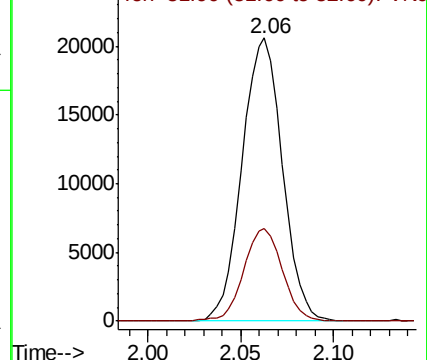
50 100

52 32.8 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 4.638 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055283.D

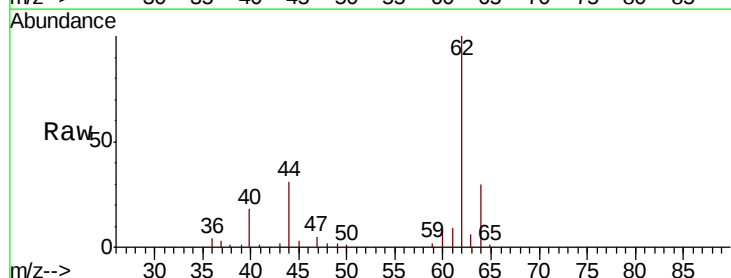
Acq: 29 Apr 2019 10:16

Tgt Ion: 62 Resp: 25184

Ion Ratio Lower Upper

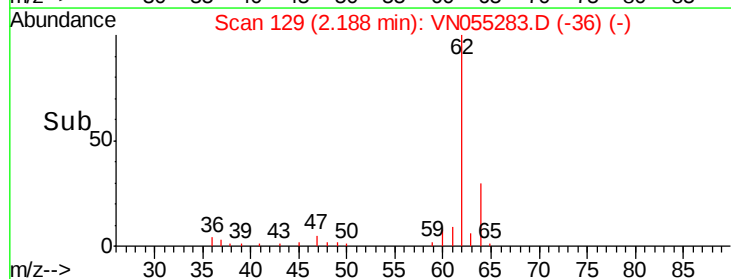
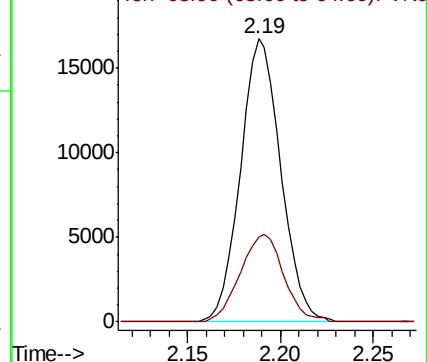
62 100

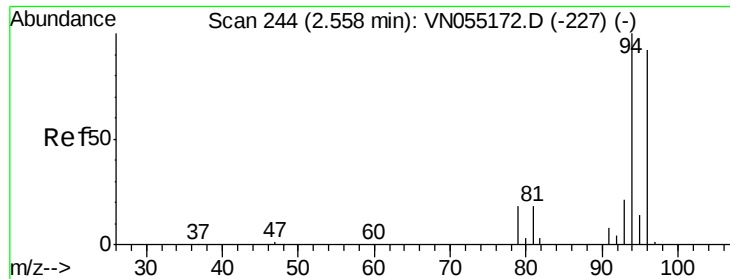
64 29.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 4.479 ug/l

RT: 2.56 min Scan# 244

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

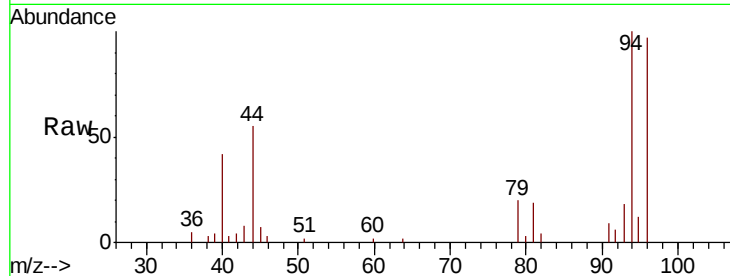
VSTDIC005

Tgt Ion: 94 Resp: 14198

Ion Ratio Lower Upper

94 100

96 97.1 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VN055283.D (-151) (-)

Ion 95.90 (95.60 to 96.60): VN055283.D (-151) (-)

2.56

8000

6000

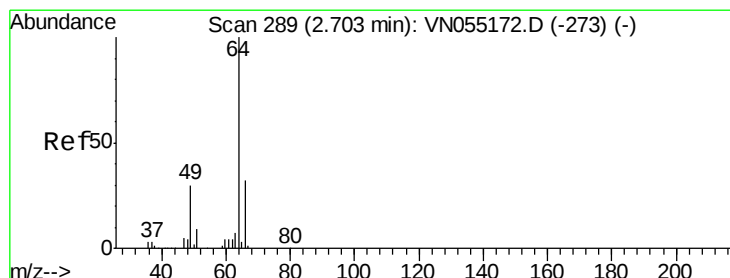
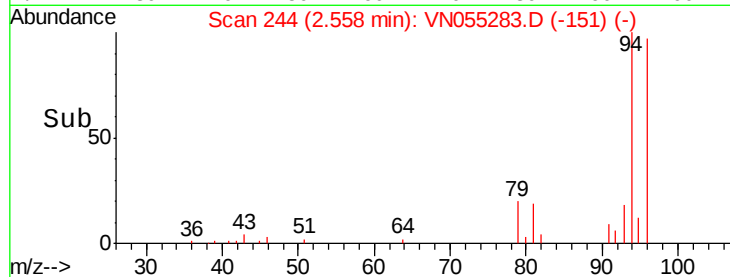
4000

2000

0

Time-->

2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 4.996 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN055283.D

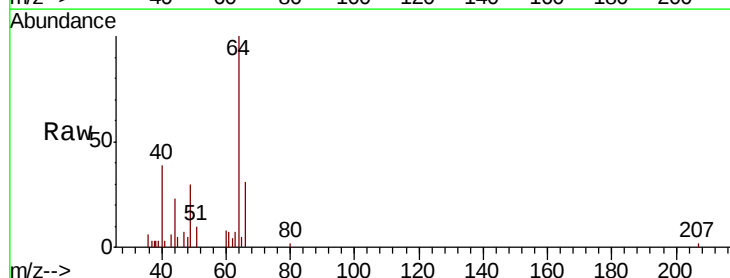
Acq: 29 Apr 2019 10:16

Tgt Ion: 64 Resp: 14416

Ion Ratio Lower Upper

64 100

66 30.9 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VN055283.D (-195) (-)

Ion 65.90 (65.60 to 66.60): VN055283.D (-195) (-)

2.70

8000

6000

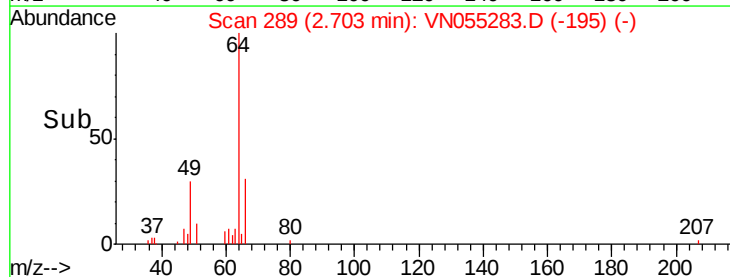
4000

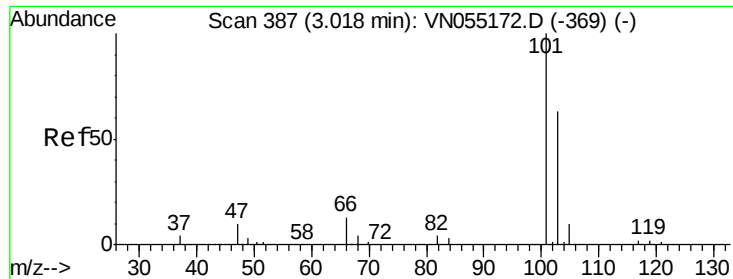
2000

0

Time-->

2.65 2.70 2.75 2.80





#7

Trichlorofluoromethane

Concen: 5.202 ug/l

RT: 3.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

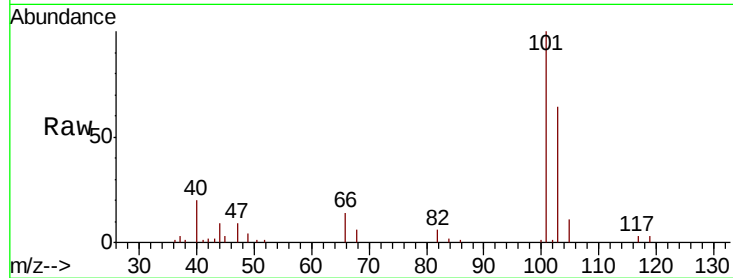
VSTDIC005

Tgt Ion:101 Resp: 38754

Ion Ratio Lower Upper

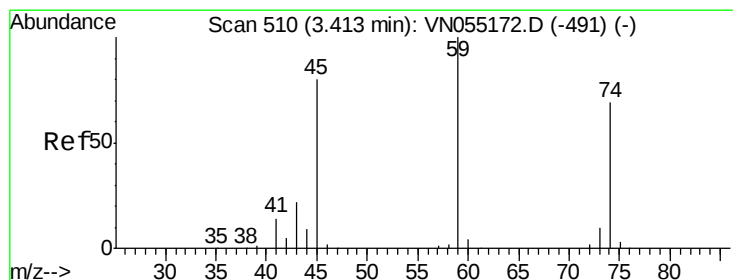
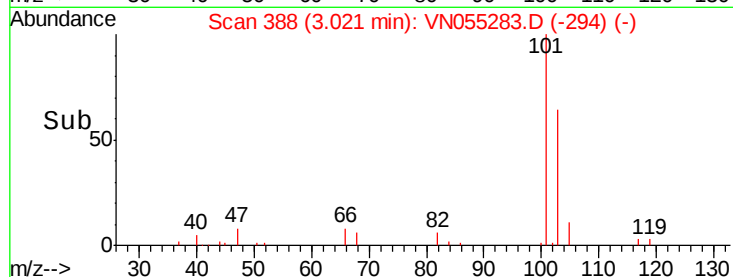
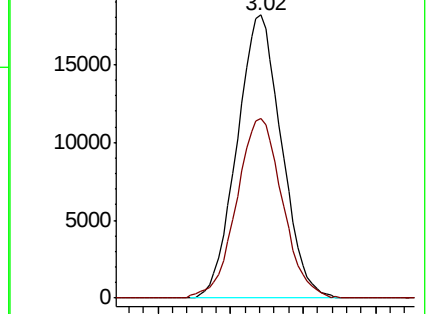
101 100

103 63.7 52.6 79.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 4.837 ug/l

RT: 3.41 min Scan# 509

Delta R.T. -0.00 min

Lab File: VN055283.D

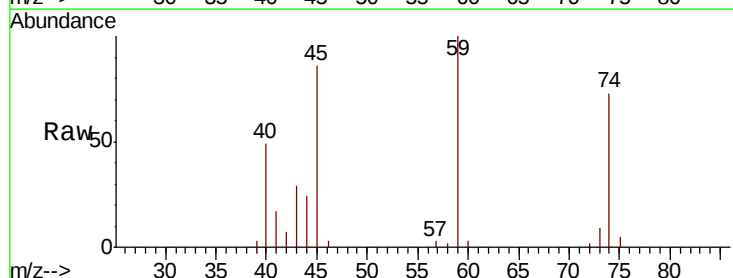
Acq: 29 Apr 2019 10:16

Tgt Ion: 74 Resp: 12852

Ion Ratio Lower Upper

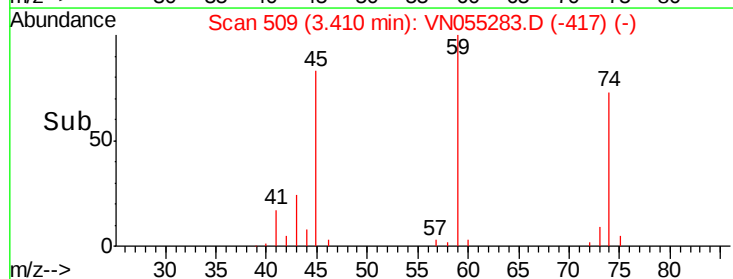
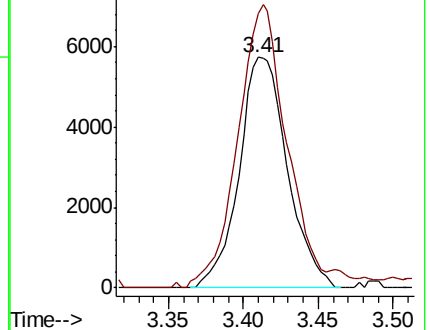
74 100

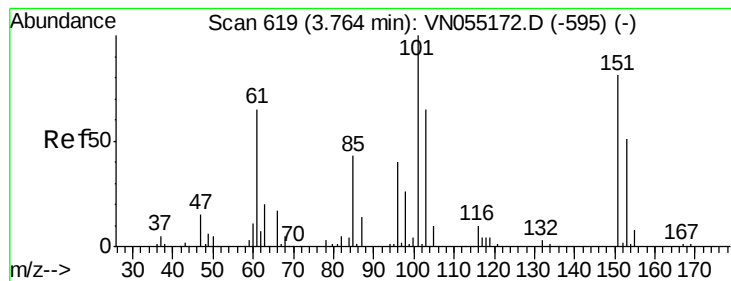
45 124.0 58.9 176.6



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.992 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

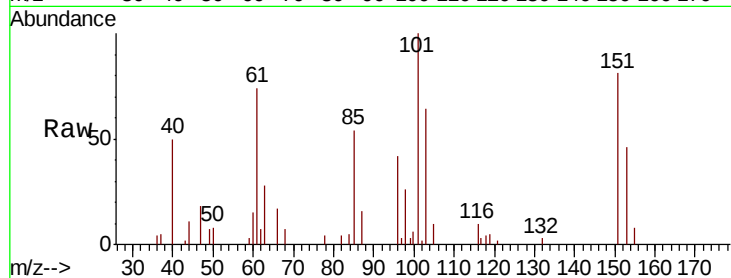
Tgt Ion:101 Resp: 23202

Ion Ratio Lower Upper

101 100

85 49.0 35.7 53.5

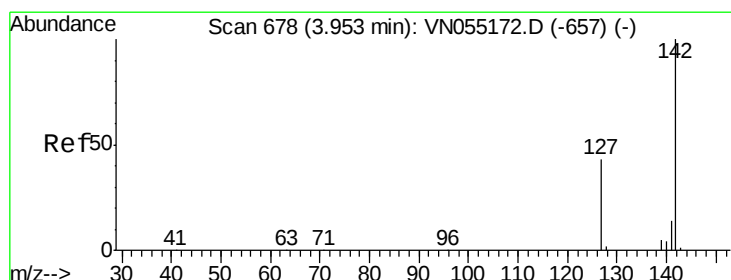
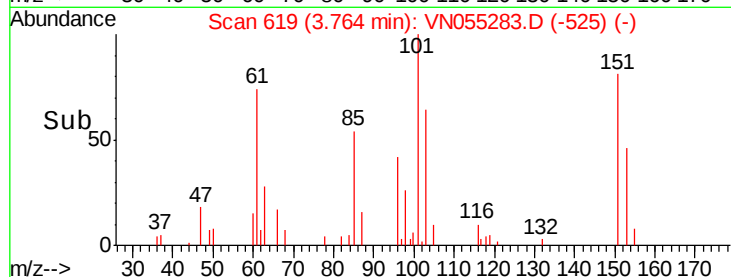
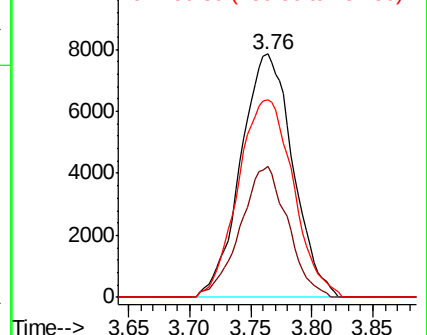
151 86.4 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.669 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

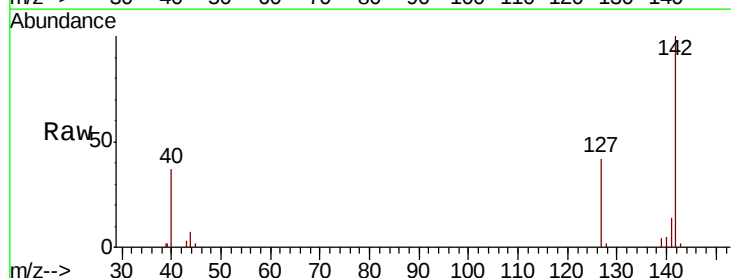
Tgt Ion:142 Resp: 30225

Ion Ratio Lower Upper

142 100

127 44.8 34.4 51.6

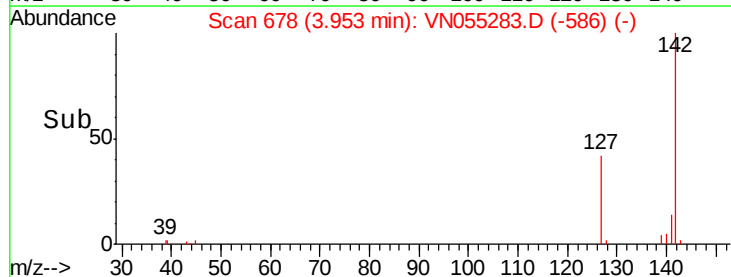
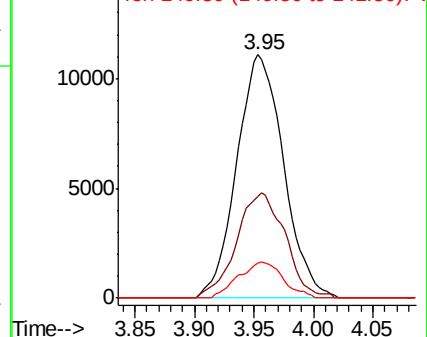
141 14.2 11.5 17.3

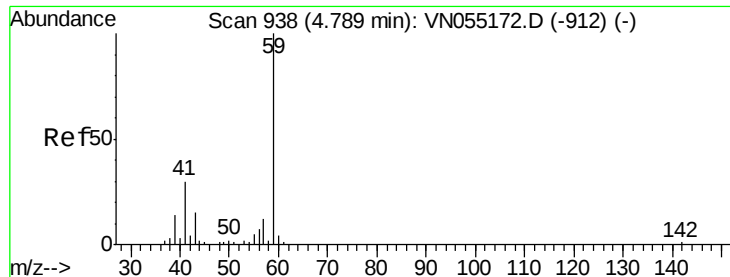


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



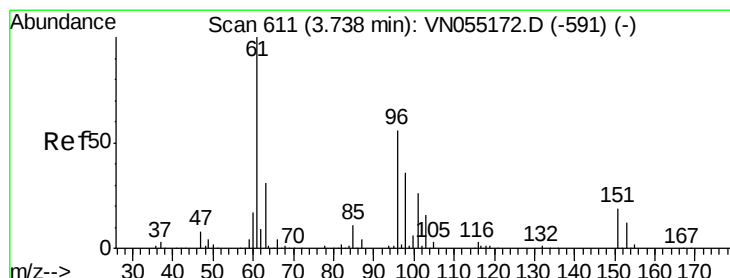
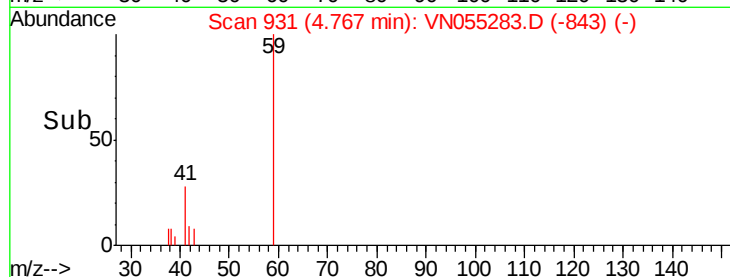
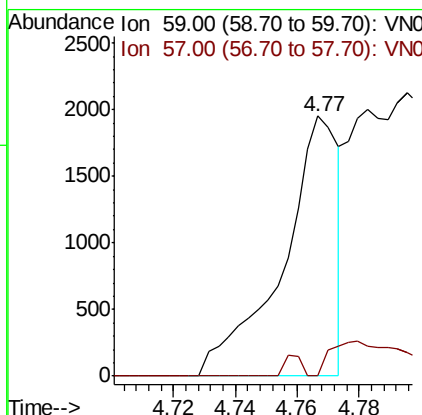
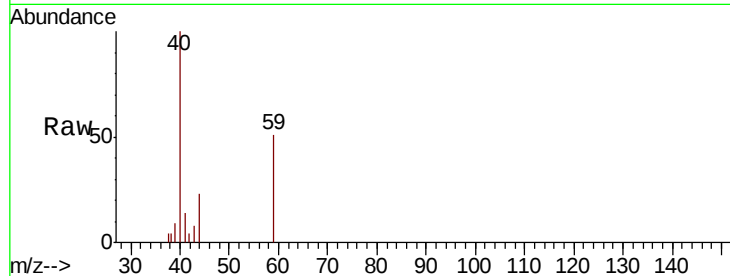


#11

Tert butyl alcohol
Concen: 7.142 ug/l
RT: 4.77 min Scan# 931
Delta R.T. -0.02 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

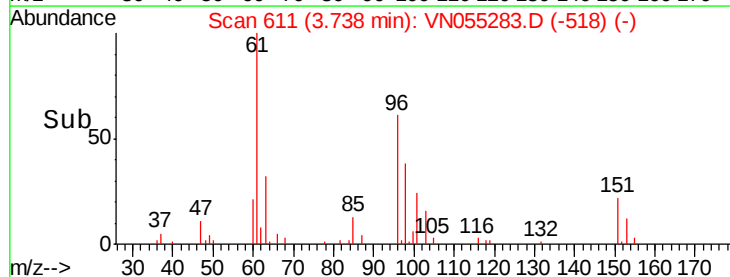
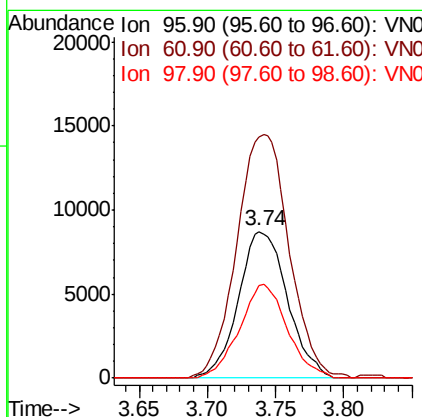
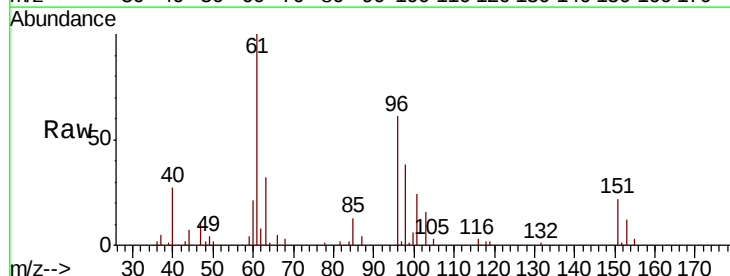
Tgt Ion: 59 Resp: 2441
Ion Ratio Lower Upper
59 100
57 16.7 8.2 12.2#

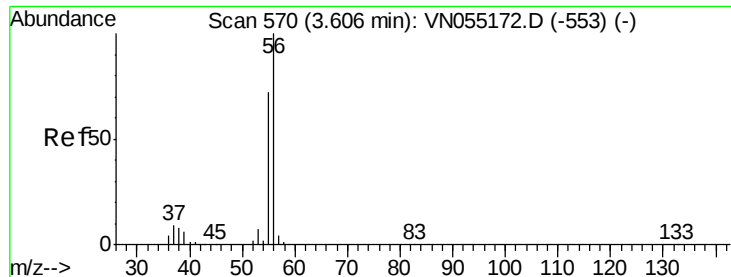


#12

1,1-Dichloroethene
Concen: 4.893 ug/l
RT: 3.74 min Scan# 611
Delta R.T. 0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

Tgt Ion: 96 Resp: 21681
Ion Ratio Lower Upper
96 100
61 165.0 140.9 211.3
98 63.0 50.0 75.0





#13

Acrolein

Concen: 13.277 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

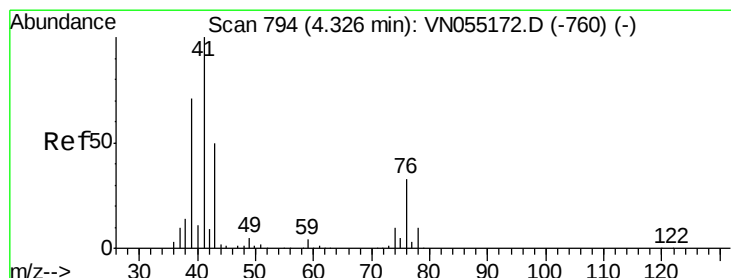
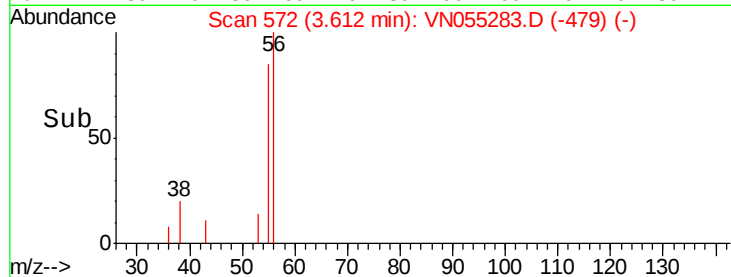
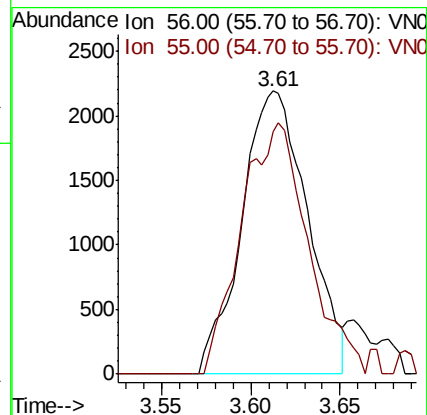
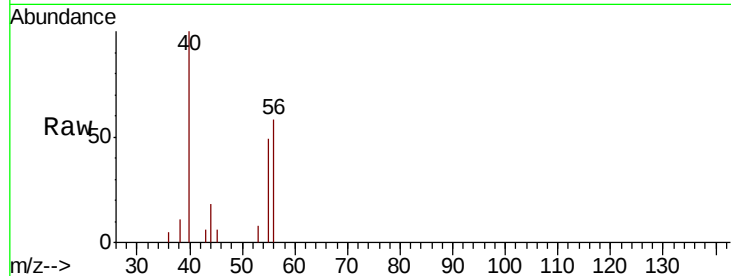
VSTDIC005

Tgt Ion: 56 Resp: 5640

Ion Ratio Lower Upper

56 100

55 90.0 57.4 86.2#



#14

Allyl chloride

Concen: 4.860 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

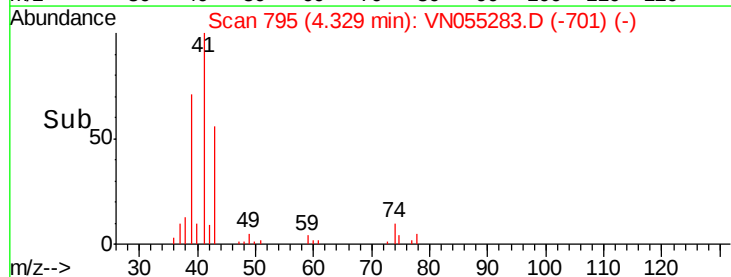
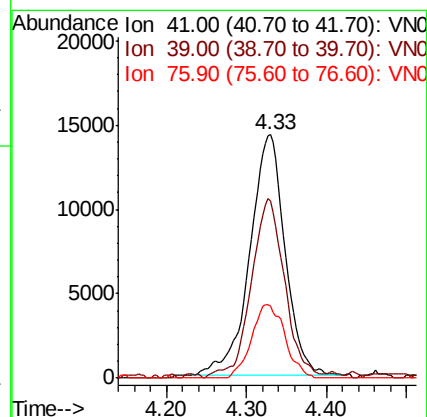
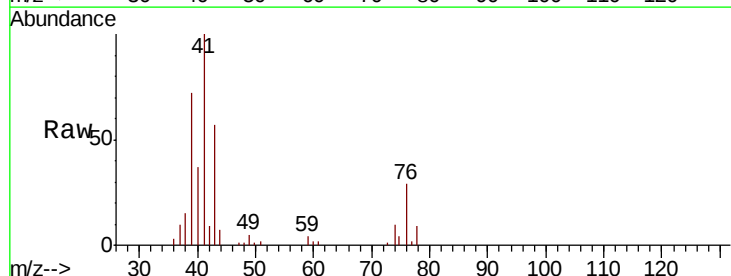
Tgt Ion: 41 Resp: 43007

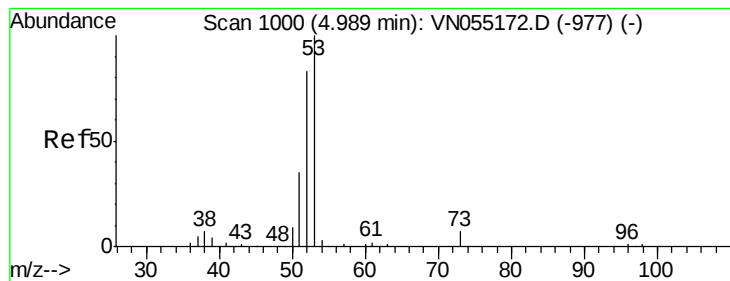
Ion Ratio Lower Upper

41 100

39 70.8 53.0 79.6

76 28.9 22.7 34.1





#15

Acrylonitrile

Concen: 24.249 ug/l

RT: 5.00 min Scan# 1003

Delta R.T. 0.01 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

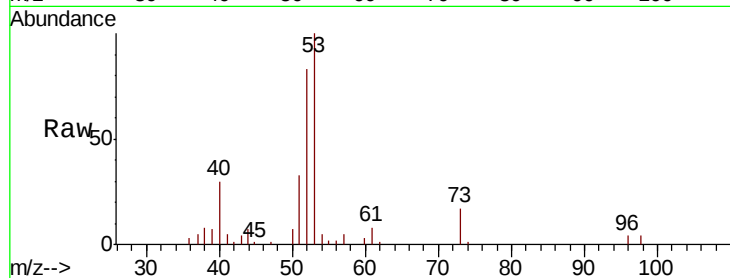
Tgt Ion: 53 Resp: 45537

Ion Ratio Lower Upper

53 100

52 82.2 66.5 99.7

51 36.8 29.6 44.4

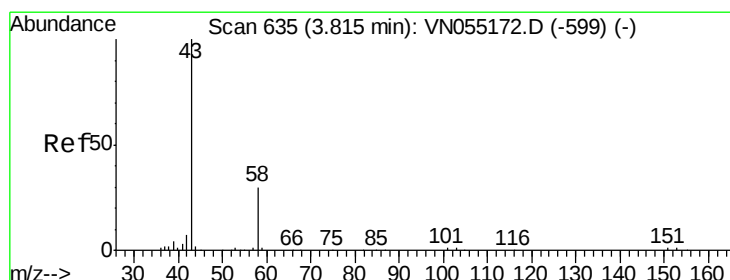
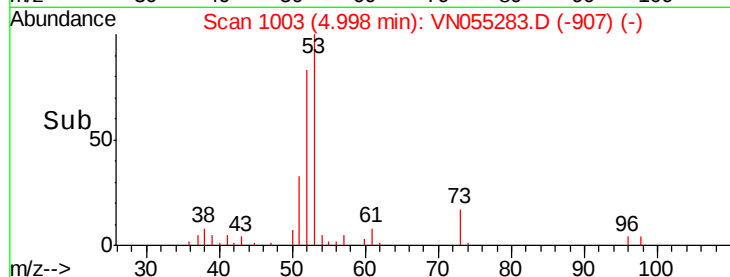


Abundance Ion 53.00 (52.70 to 53.70): VN055172.D (-977) (-)

Ion 52.00 (51.70 to 52.70): VN055172.D (-977) (-)

Ion 51.00 (50.70 to 51.70): VN055172.D (-977) (-)

Time-->



#16

Acetone

Concen: 24.147 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055283.D

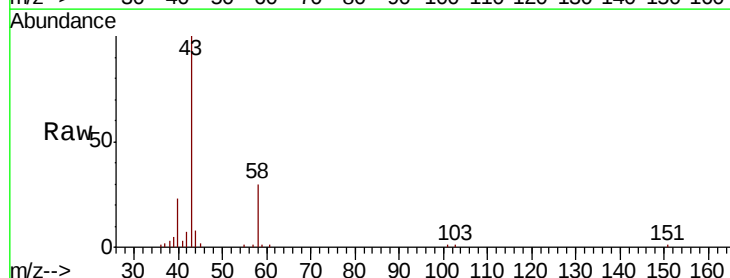
Acq: 29 Apr 2019 10:16

Tgt Ion: 43 Resp: 45184

Ion Ratio Lower Upper

43 100

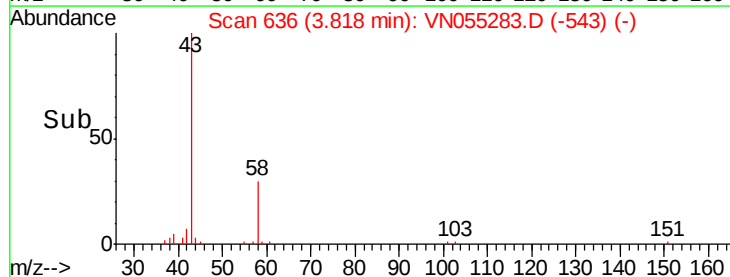
58 30.1 23.6 35.4

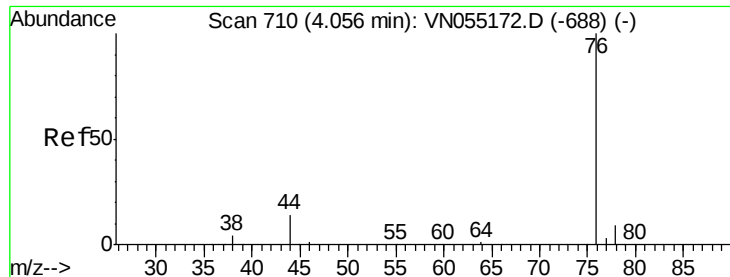


Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN055172.D (-599) (-)

Time-->

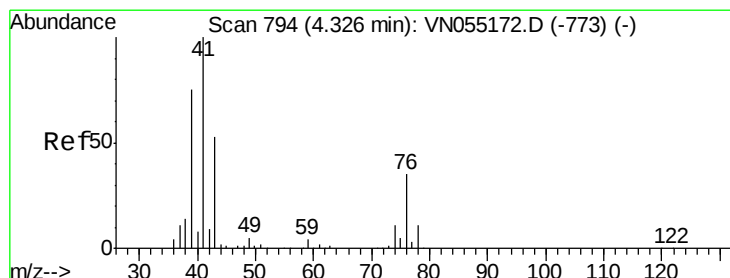
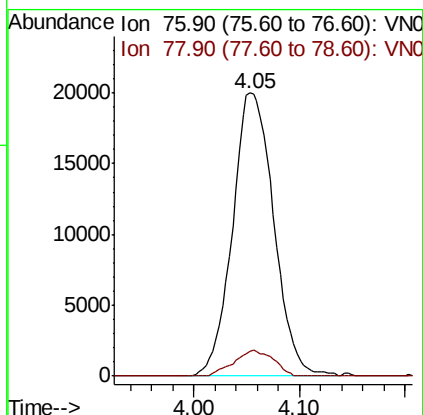
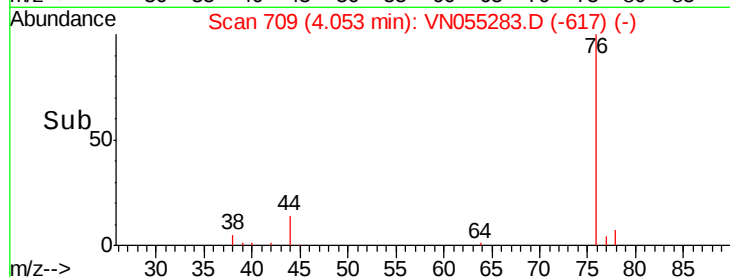
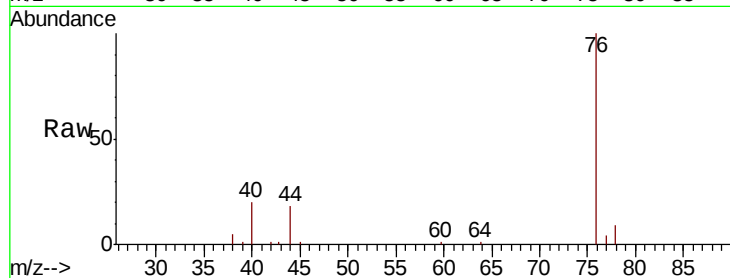




#17
Carbon Disulfide
Concen: 4.428 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

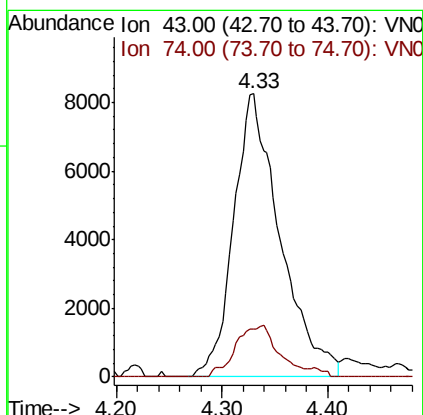
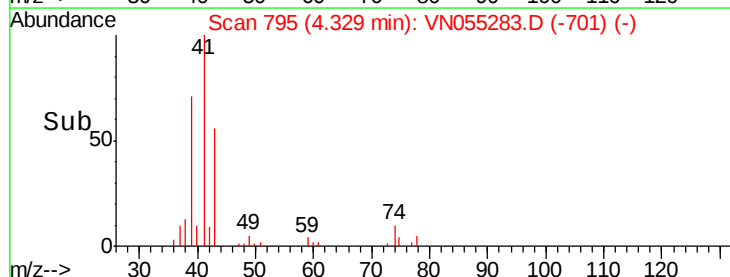
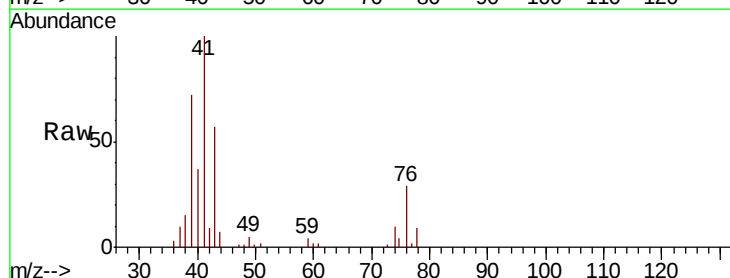
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

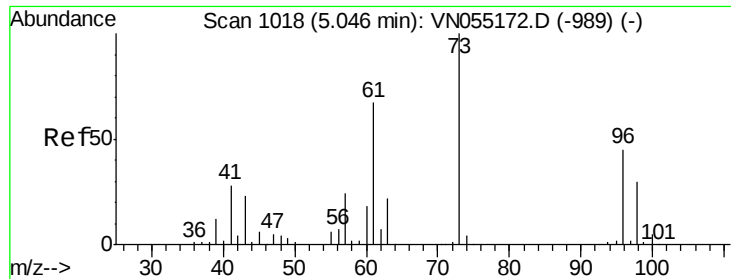
Tgt Ion: 76 Resp: 54357
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4



#18
Methyl Acetate
Concen: 4.751 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

Tgt Ion: 43 Resp: 25336
Ion Ratio Lower Upper
43 100
74 16.8 15.8 23.8

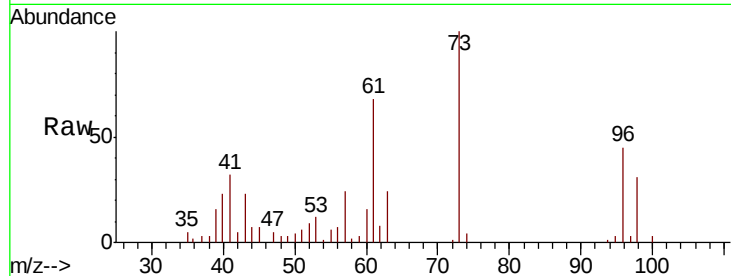




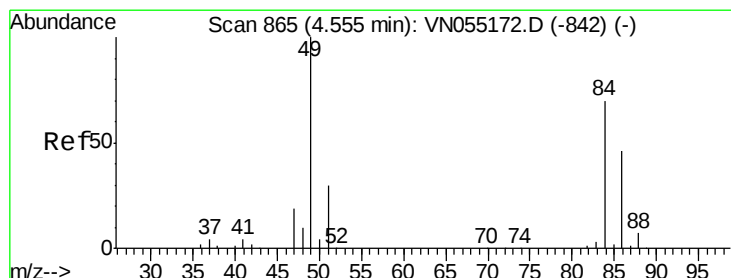
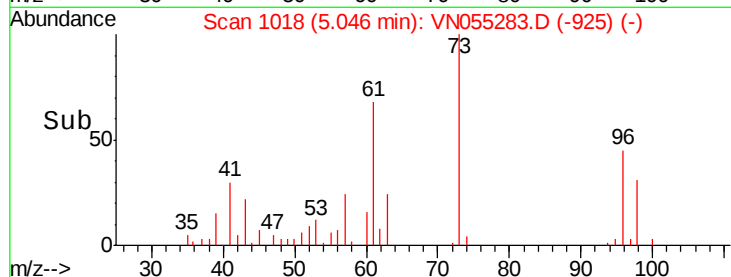
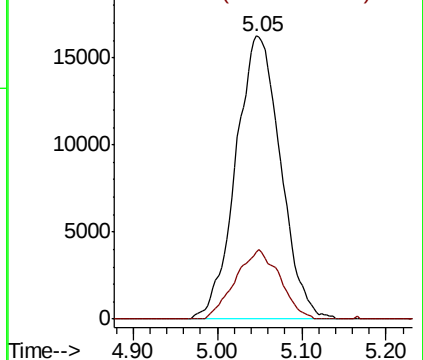
#19
Methyl tert-butyl Ether
Concen: 4.837 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 59874
Ion Ratio Lower Upper
73 100
57 23.8 19.1 28.7

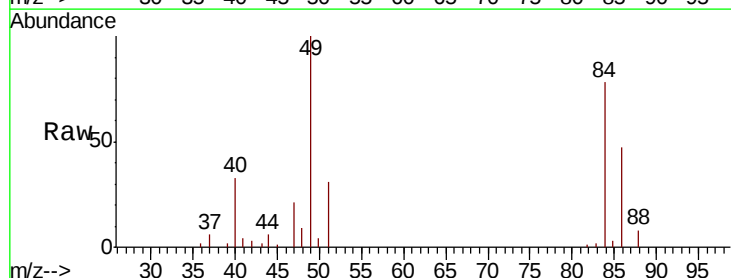


Abundance Ion 73.00 (72.70 to 73.70): VN055172.D (-989) (-)
Ion 57.00 (56.70 to 57.70): VN055172.D (-989) (-)

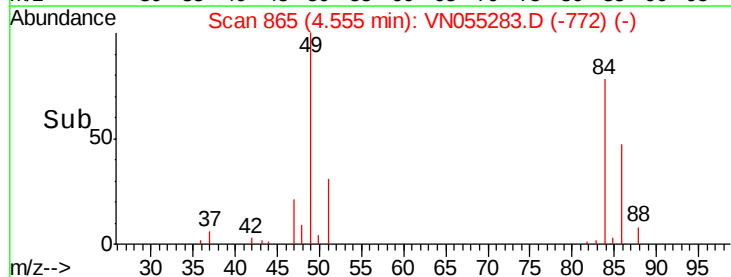
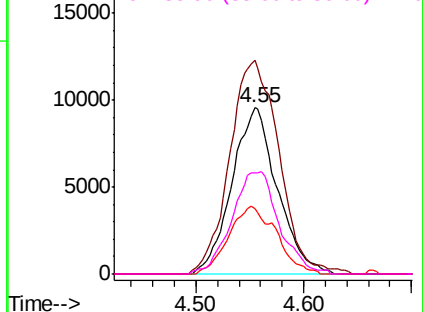


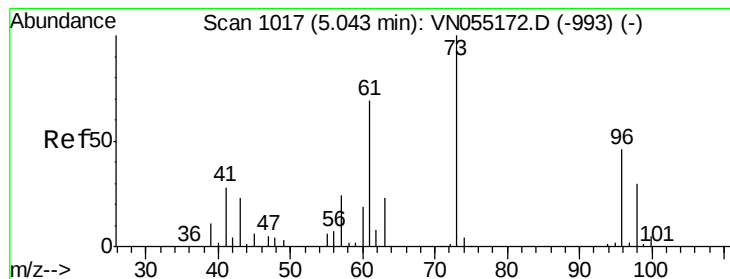
#20
Methylene Chloride
Concen: 5.029 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

Tgt Ion: 84 Resp: 28012
Ion Ratio Lower Upper
84 100
49 128.6 112.4 168.6
51 39.6 34.6 51.8
86 60.7 51.9 77.9



Abundance Ion 83.90 (83.60 to 84.60): VN055172.D (-842) (-)
Ion 48.90 (48.60 to 49.60): VN055172.D (-842) (-)
Ion 50.90 (50.60 to 51.60): VN055172.D (-842) (-)
Ion 85.90 (85.60 to 86.60): VN055172.D (-842) (-)





#21

trans-1,2-Dichloroethene

Concen: 5.158 ug/l

RT: 5.05 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

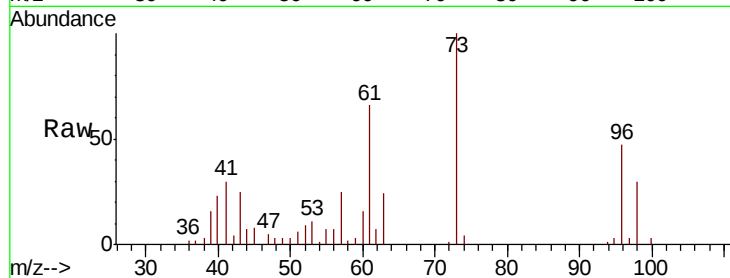
Tgt Ion: 96 Resp: 23980

Ion Ratio Lower Upper

96 100

61 141.8 126.2 189.4

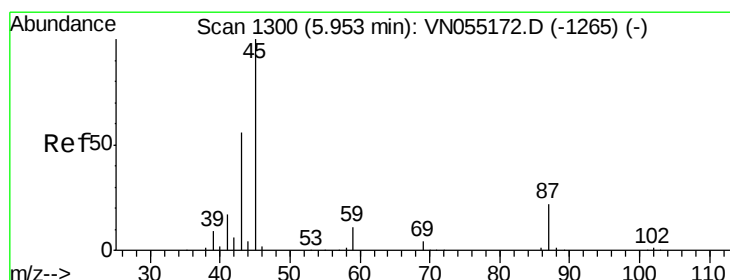
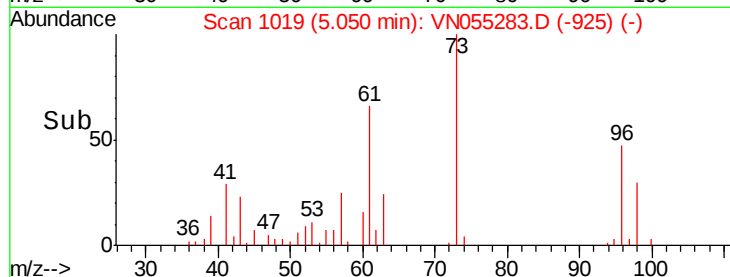
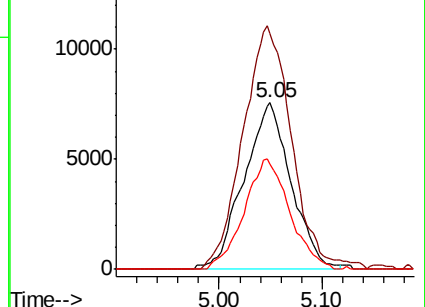
98 63.5 52.2 78.2



Abundance Ion 95.90 (95.60 to 96.60): VN055172.D (-993) (-)

Ion 60.90 (60.60 to 61.60): VN055172.D (-993) (-)

Ion 97.90 (97.60 to 98.60): VN055172.D (-993) (-)



#22

Diisopropyl ether

Concen: 4.893 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

Tgt Ion: 45 Resp: 86585

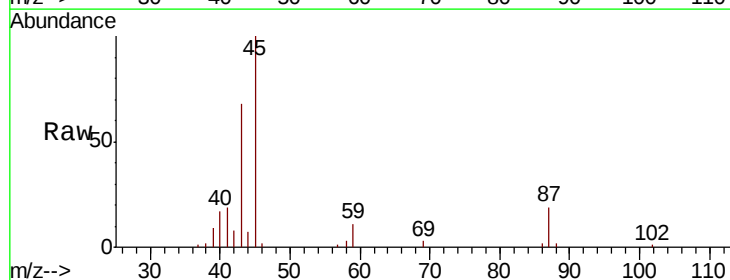
Ion Ratio Lower Upper

45 100

43 65.8 46.6 70.0

87 19.3 18.1 27.1

59 10.7 8.2 12.2

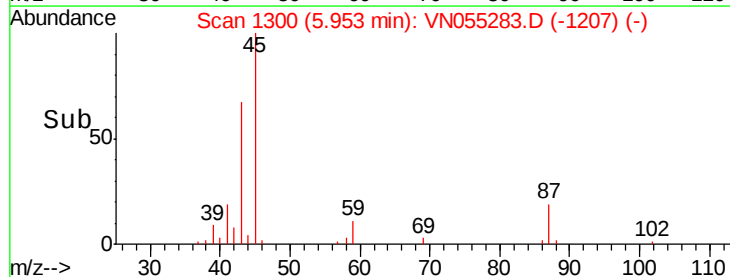
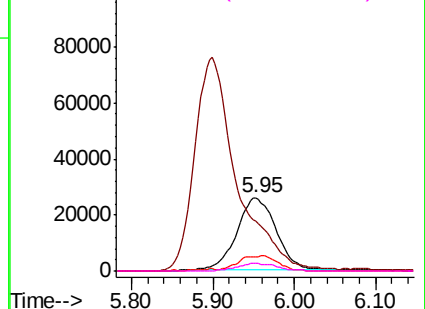


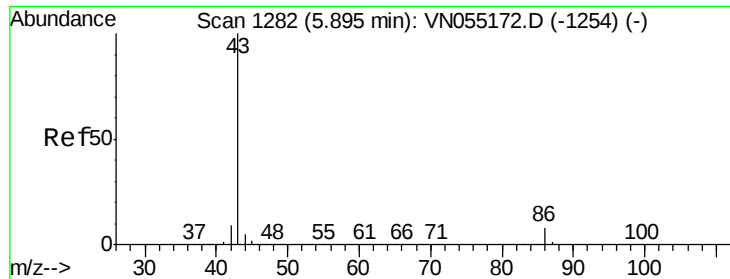
Abundance Ion 45.00 (44.70 to 45.70): VN055172.D (-1265) (-)

Ion 43.00 (42.70 to 43.70): VN055172.D (-1265) (-)

Ion 87.00 (86.70 to 87.70): VN055172.D (-1265) (-)

Ion 59.00 (58.70 to 59.70): VN055172.D (-1265) (-)

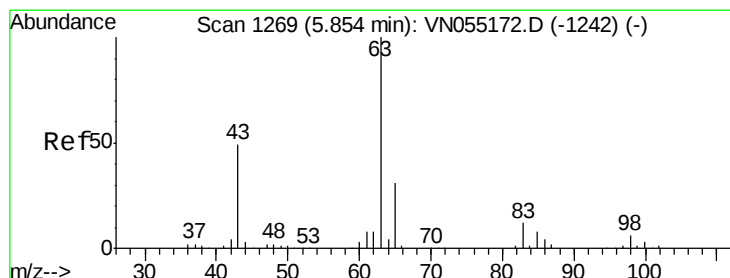
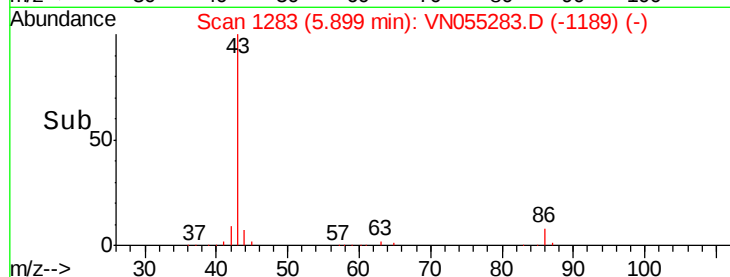
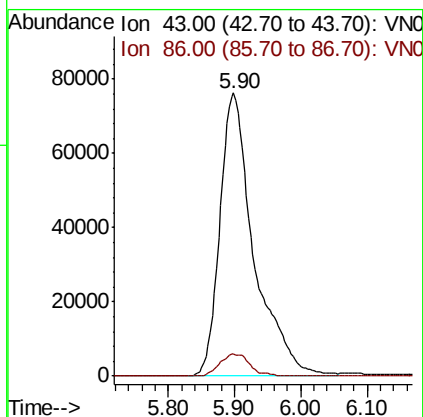
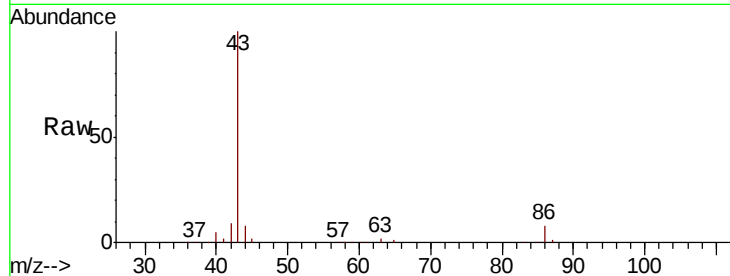




#23
 Vinyl Acetate
 Concen: 23.127 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN055283.D
 Acq: 29 Apr 2019 10:16

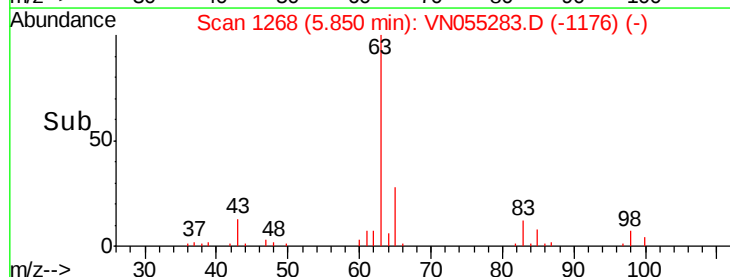
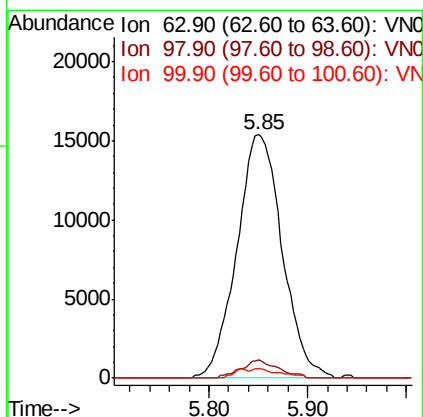
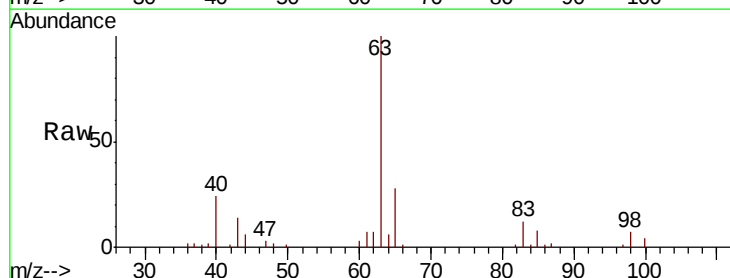
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

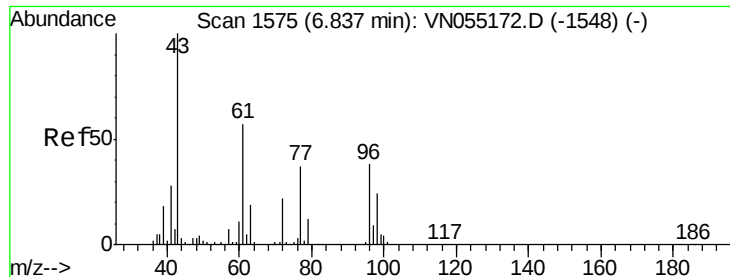
Tgt Ion: 43 Resp: 273169
 Ion Ratio Lower Upper
 43 100
 86 7.7 6.6 10.0



#24
 1,1-Dichloroethane
 Concen: 5.170 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN055283.D
 Acq: 29 Apr 2019 10:16

Tgt Ion: 63 Resp: 48907
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.0 9.0
 100 4.0 1.8 5.4

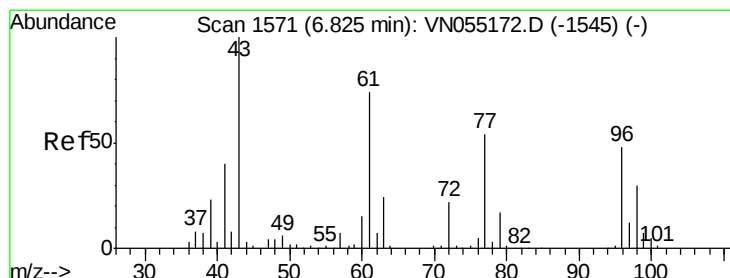
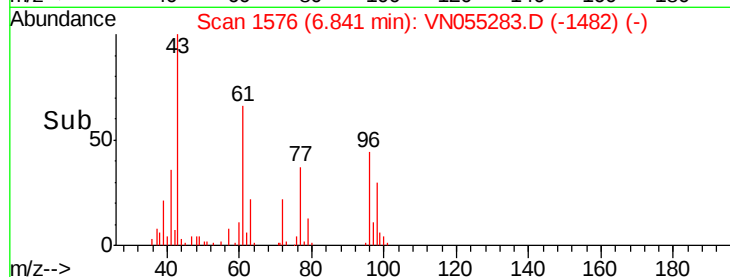
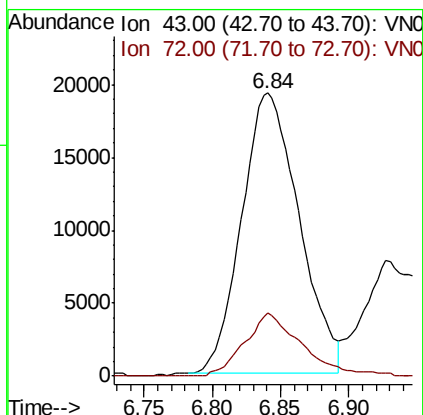
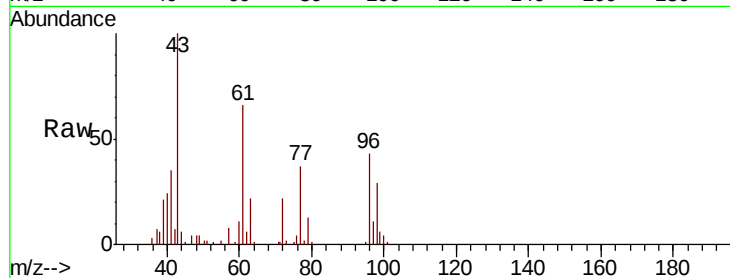




#25
2-Butanone
Concen: 22.792 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

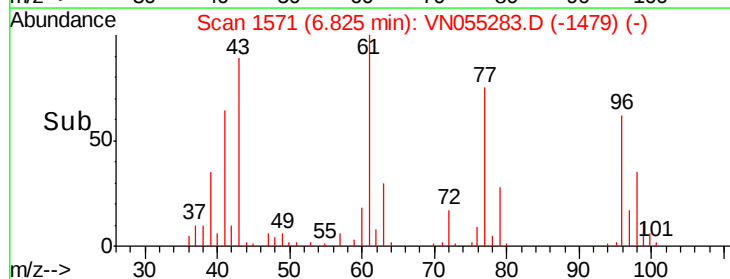
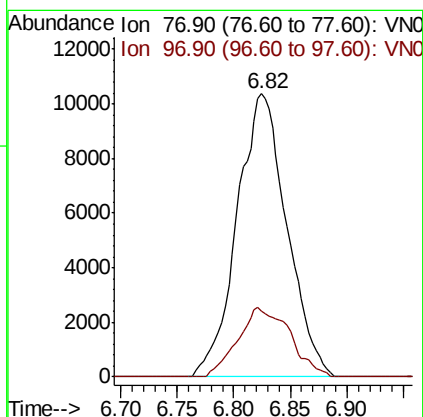
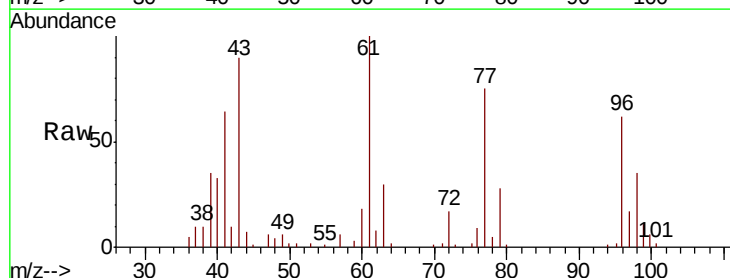
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

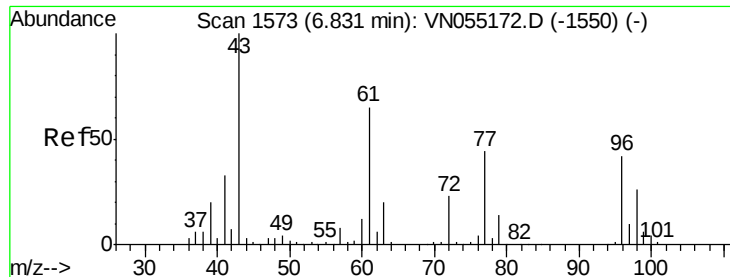
Tgt Ion: 43 Resp: 56346
Ion Ratio Lower Upper
43 100
72 22.4 18.0 27.0



#26
2,2-Dichloropropane
Concen: 4.919 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

Tgt Ion: 77 Resp: 31665
Ion Ratio Lower Upper
77 100
97 25.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 5.110 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

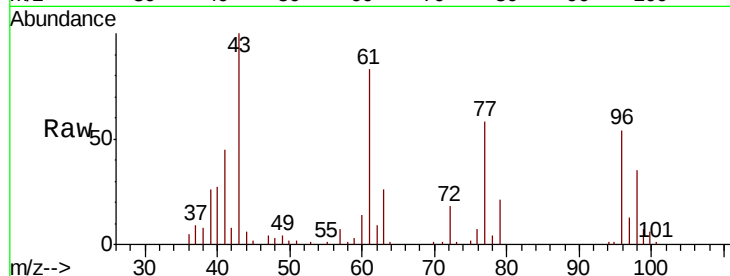
Tgt Ion: 96 Resp: 27506

Ion Ratio Lower Upper

96 100

61 152.4 0.0 316.2

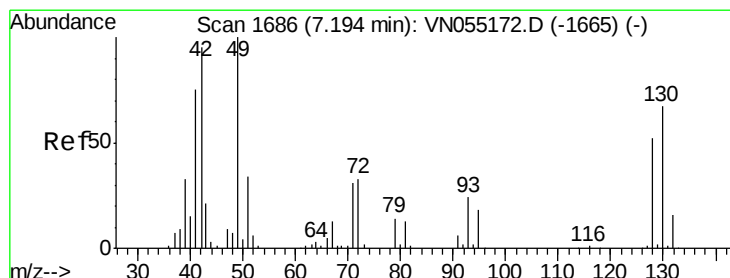
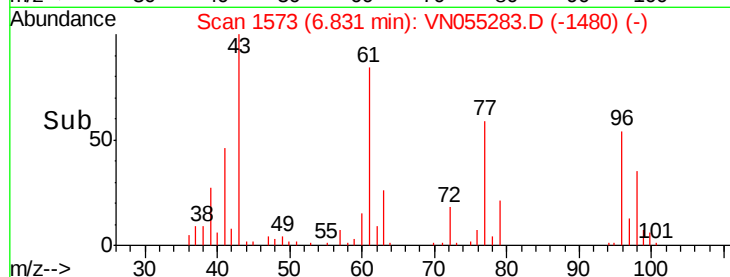
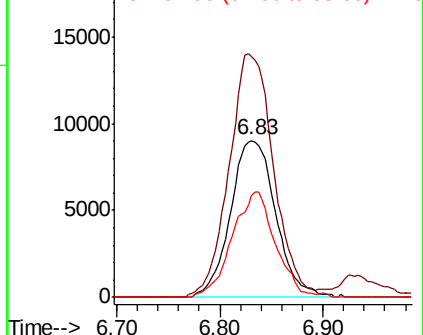
98 64.2 0.0 126.6



Abundance Ion 95.90 (95.60 to 96.60): VN055172.D (-1550) (-)

Ion 60.90 (60.60 to 61.60): VN055172.D (-1550) (-)

Ion 97.90 (97.60 to 98.60): VN055172.D (-1550) (-)



#28

Bromochloromethane

Concen: 4.804 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

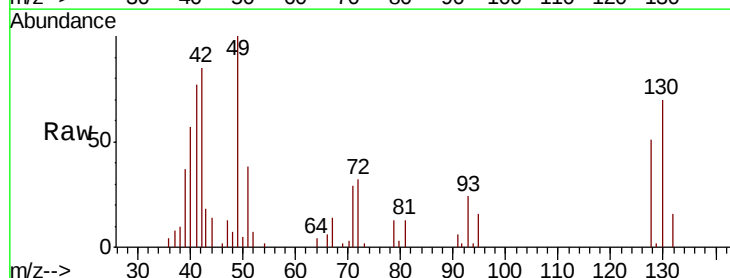
Tgt Ion: 49 Resp: 23184

Ion Ratio Lower Upper

49 100

129 1.3 0.0 2.4

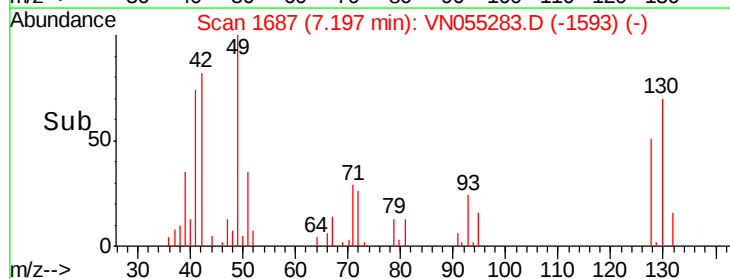
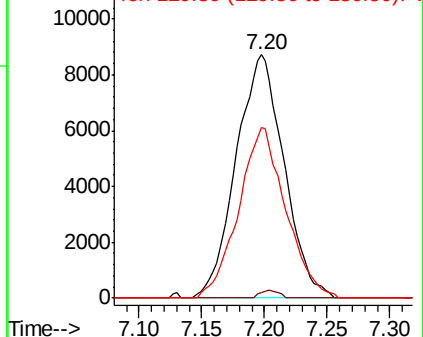
130 68.7 52.0 78.0

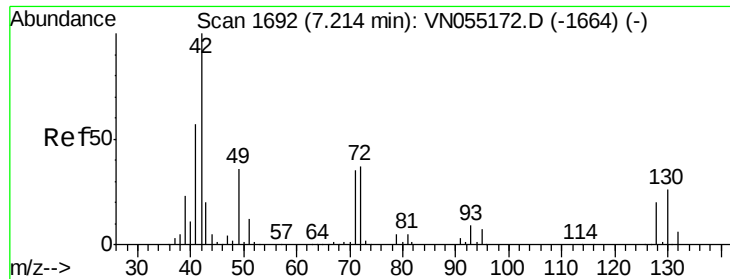


Abundance Ion 48.90 (48.60 to 49.60): VN055172.D (-1665) (-)

Ion 128.80 (128.50 to 129.50): VN055172.D (-1665) (-)

Ion 129.80 (129.50 to 130.50): VN055172.D (-1665) (-)

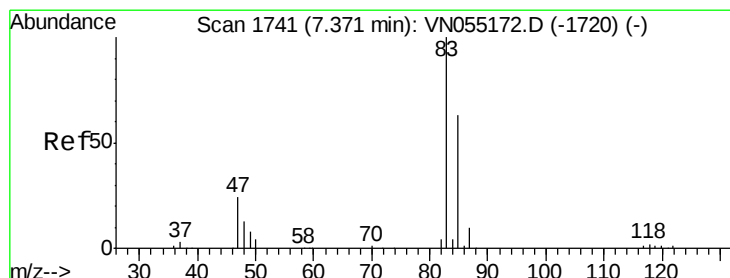
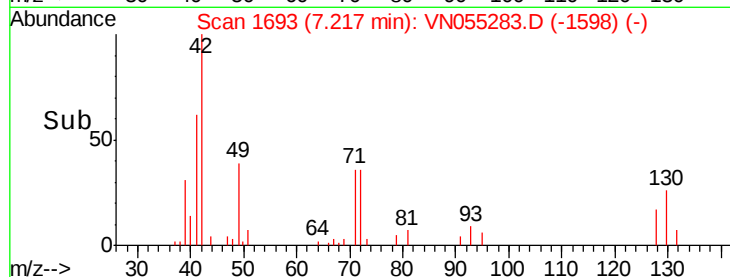
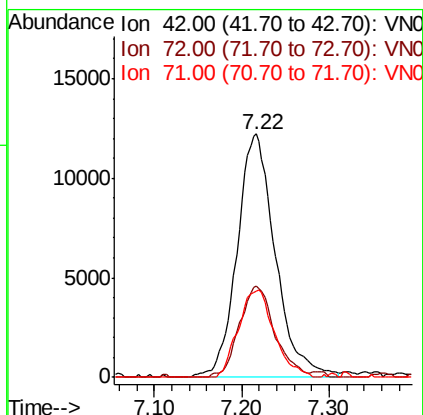
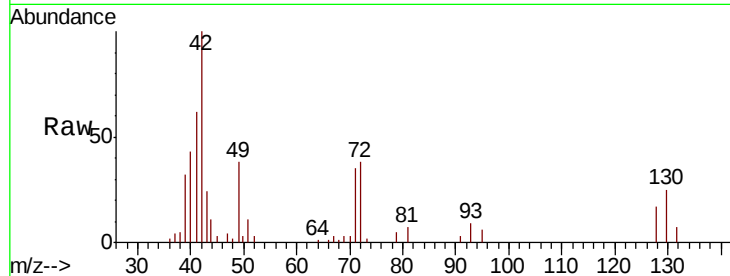




#29
Tetrahydrofuran
Concen: 24.050 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

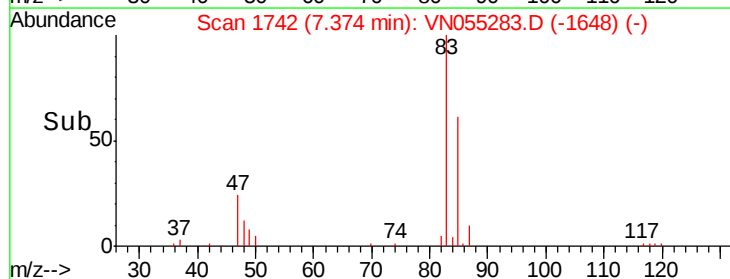
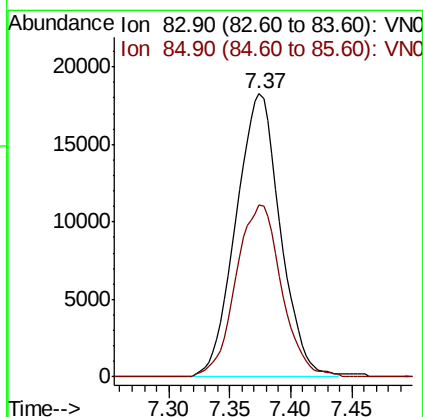
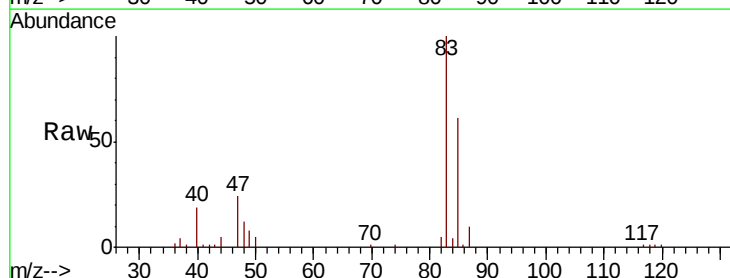
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

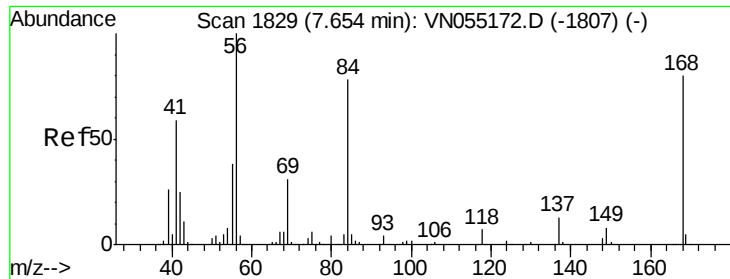
Tgt Ion: 42 Resp: 36986
Ion Ratio Lower Upper
42 100
72 34.8 29.0 43.6
71 33.8 27.1 40.7



#30
Chloroform
Concen: 5.104 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

Tgt Ion: 83 Resp: 45982
Ion Ratio Lower Upper
83 100
85 60.6 51.4 77.2

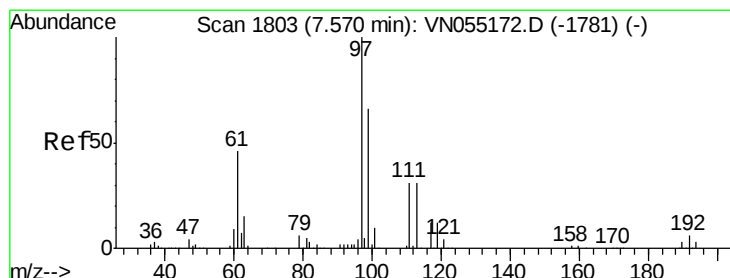
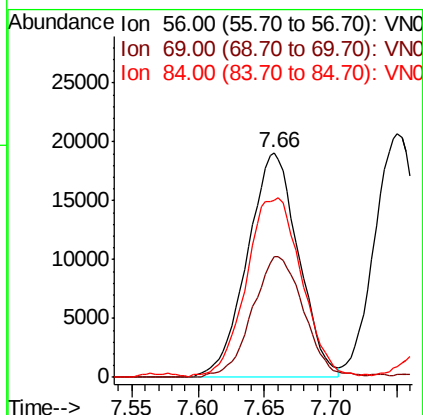
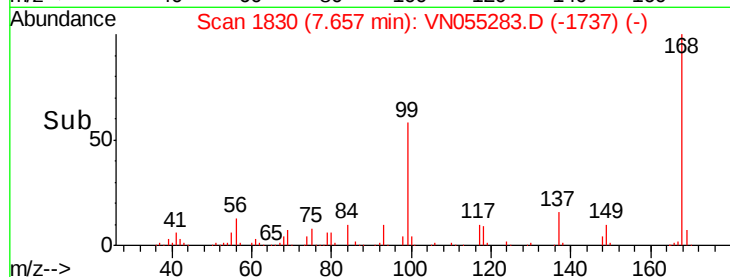
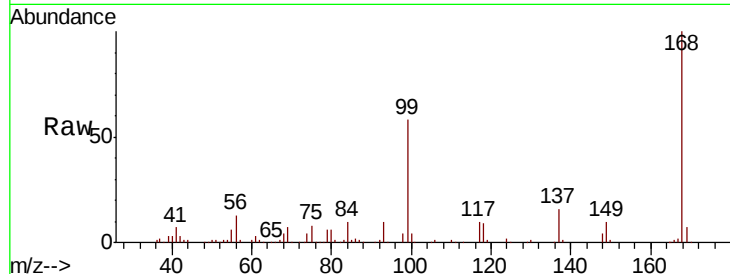




#31
Cyclohexane
Concen: 4.726 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

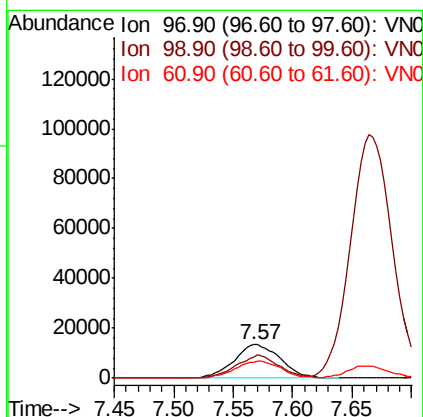
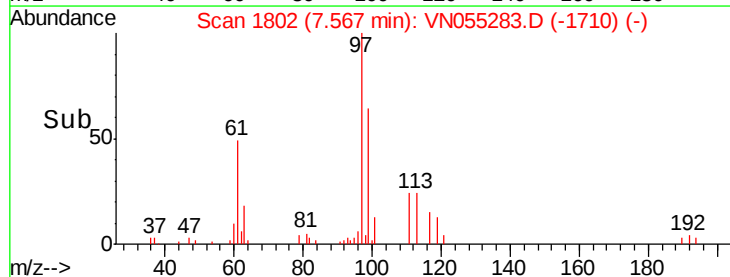
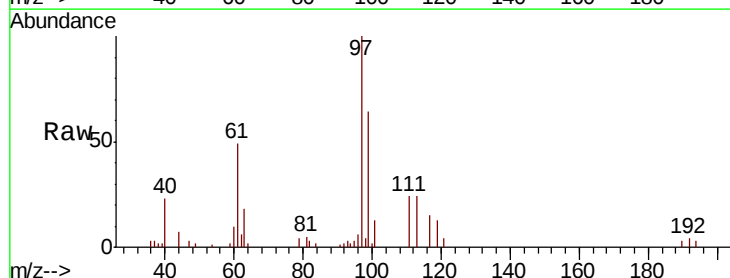
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

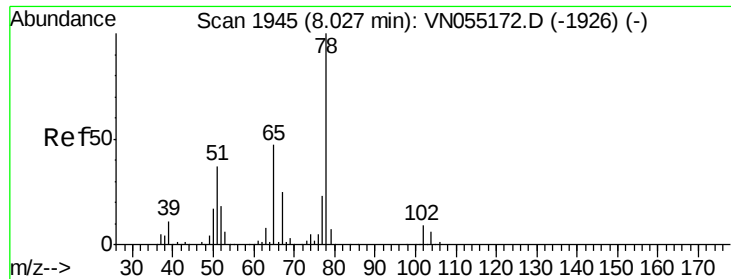
Tgt Ion: 56 Resp: 51180
Ion Ratio Lower Upper
56 100
69 53.8 25.2 37.8#
84 78.5 61.1 91.7



#32
1,1,1-Trichloroethane
Concen: 4.974 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

Tgt Ion: 97 Resp: 35932
Ion Ratio Lower Upper
97 100
99 63.4 51.8 77.8
61 50.6 39.0 58.6

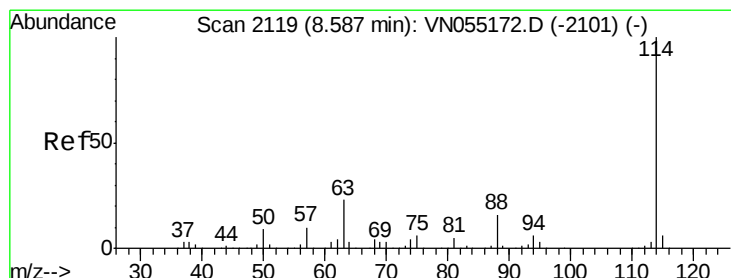
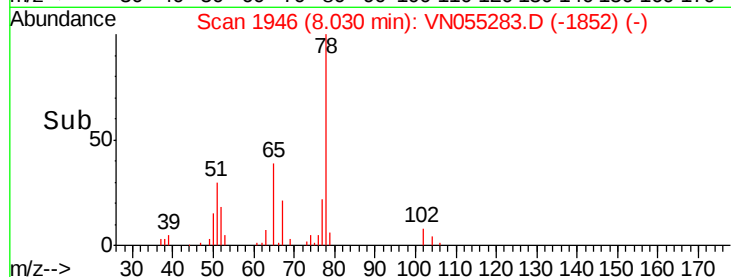
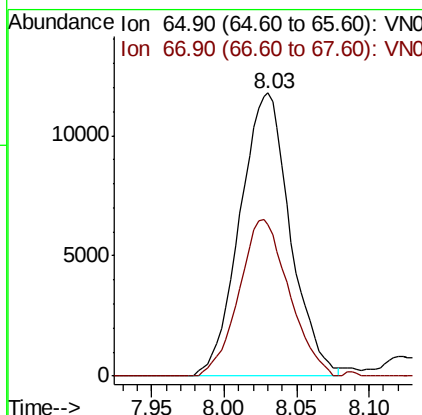
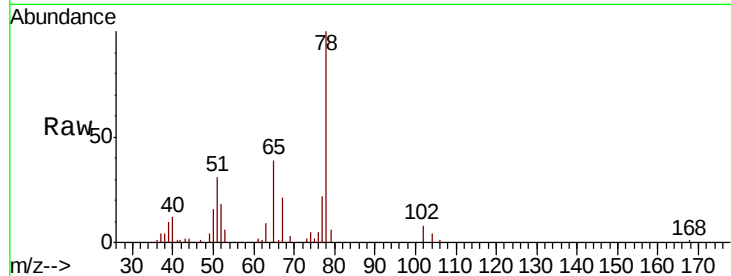




#33
 1,2-Dichloroethane-d4
 Concen: 4.829 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN055283.D
 Acq: 29 Apr 2019 10:16

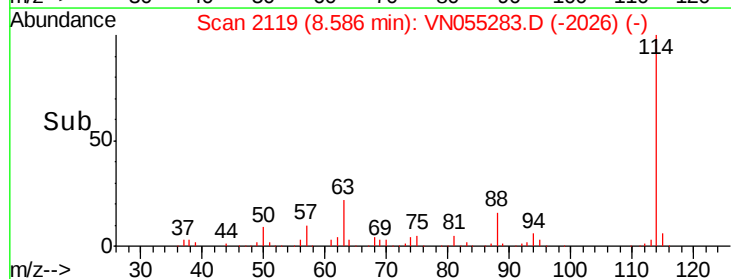
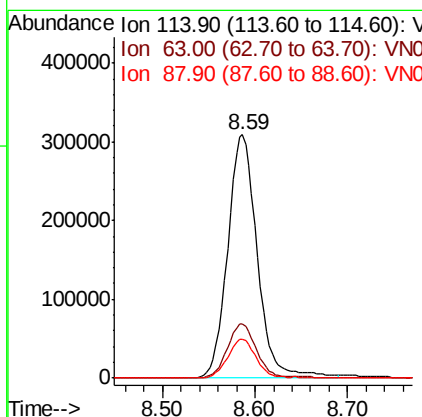
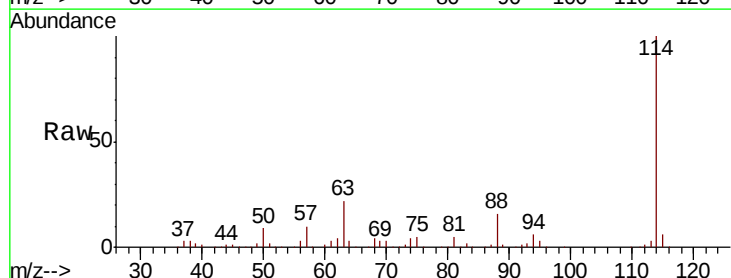
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

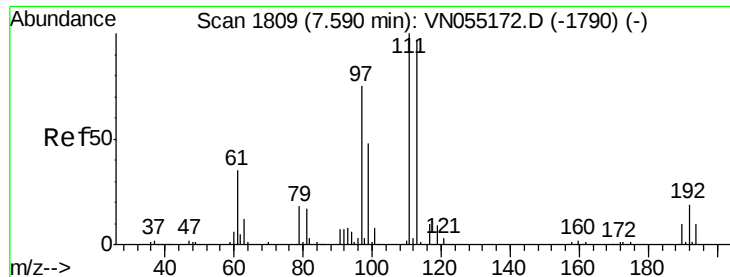
Tgt Ion: 65 Resp: 28371
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055283.D
 Acq: 29 Apr 2019 10:16

Tgt Ion: 114 Resp: 684632
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.2
 88 16.2 0.0 31.6

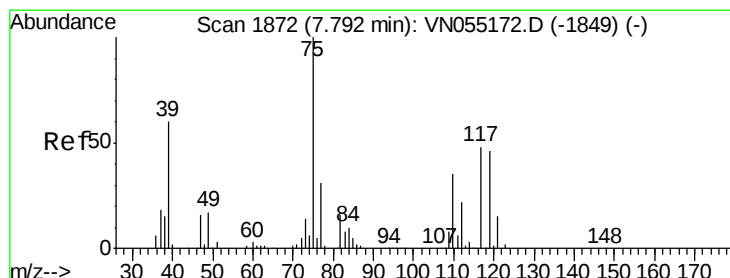
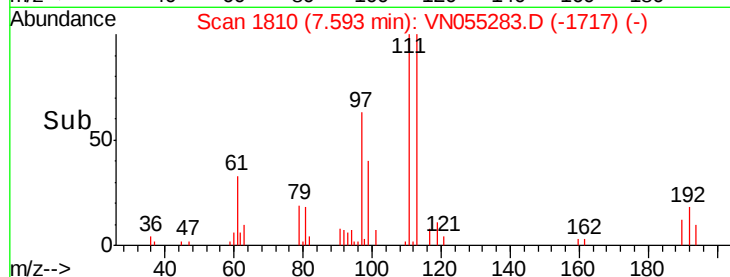
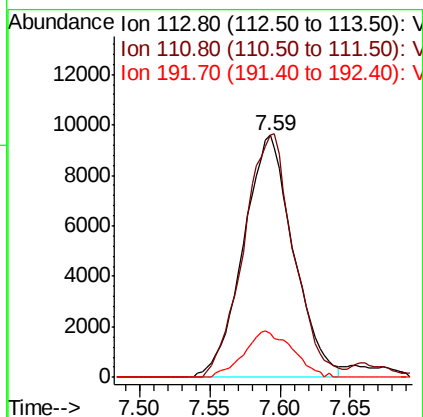
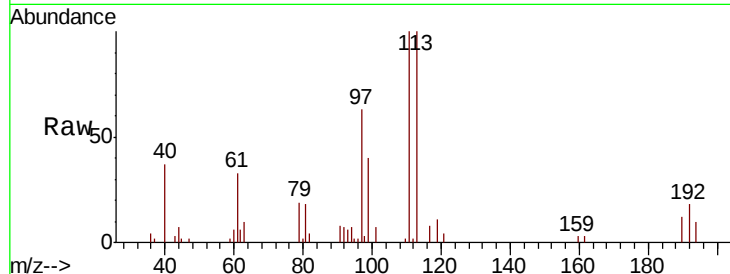




#35
 Dibromofluoromethane
 Concen: 5.173 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055283.D
 Acq: 29 Apr 2019 10:16

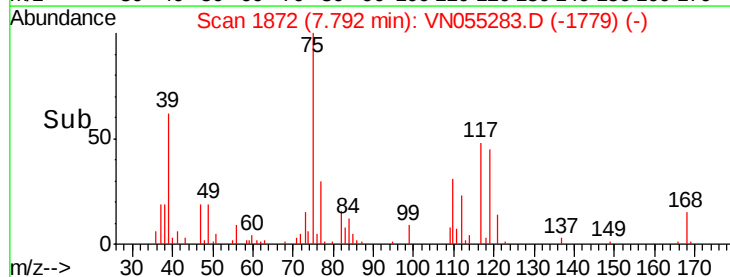
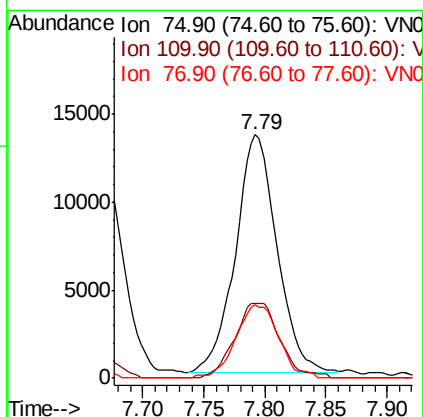
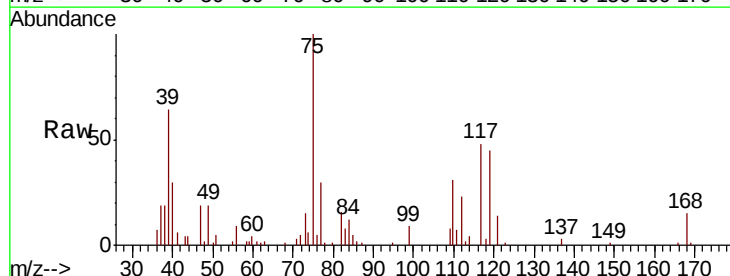
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

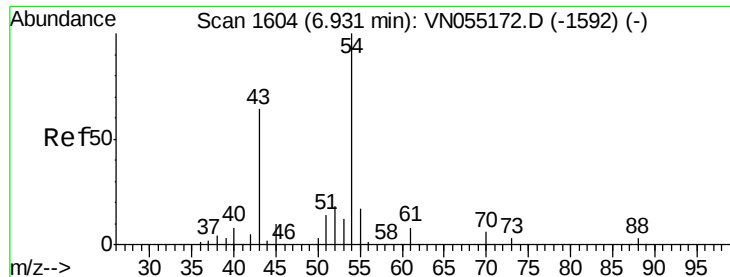
Tgt Ion:113 Resp: 23798
 Ion Ratio Lower Upper
 113 100
 111 100.2 82.3 123.5
 192 18.5 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 5.088 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055283.D
 Acq: 29 Apr 2019 10:16

Tgt Ion: 75 Resp: 31906
 Ion Ratio Lower Upper
 75 100
 110 34.1 16.8 50.4
 77 32.0 25.0 37.6

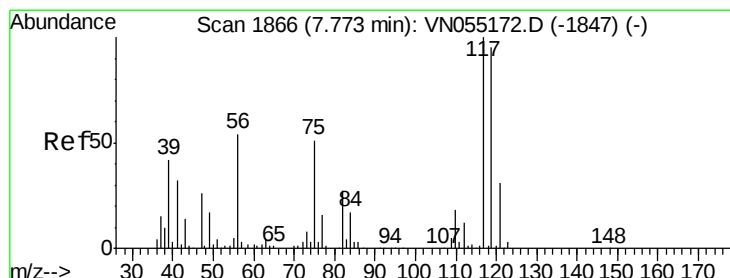
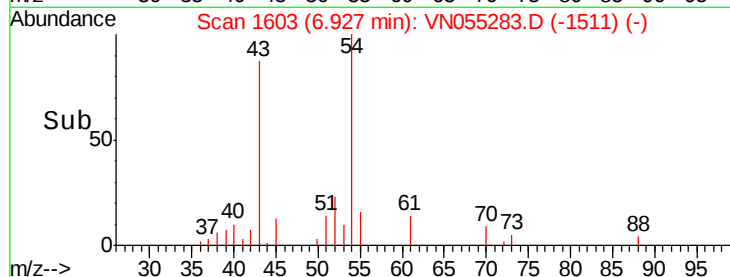
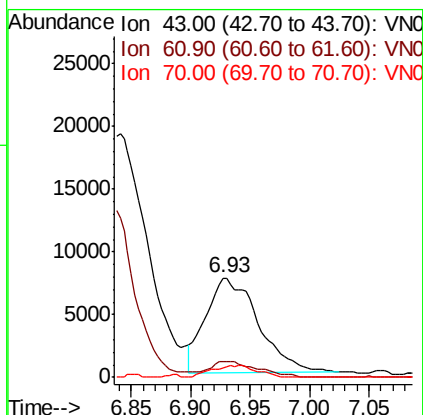
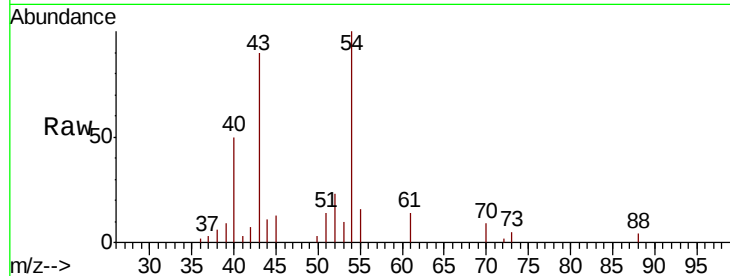




#37
Ethyl Acetate
Concen: 4.648 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

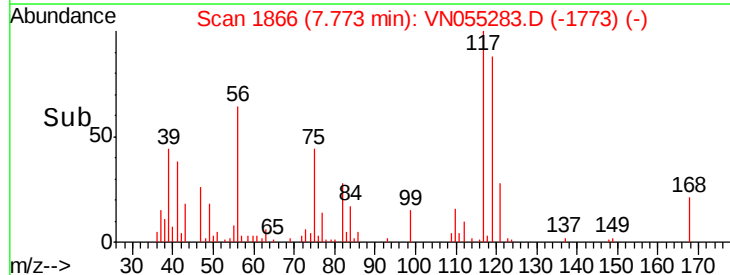
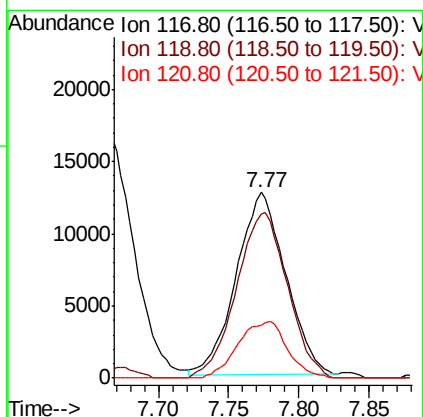
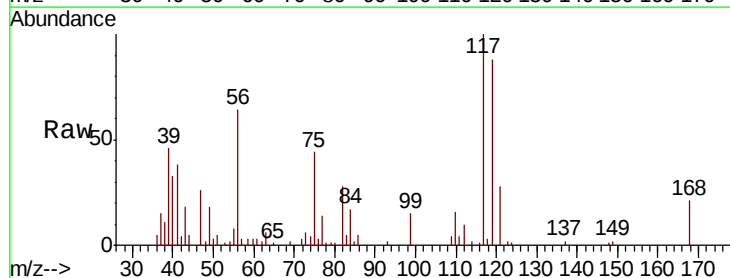
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

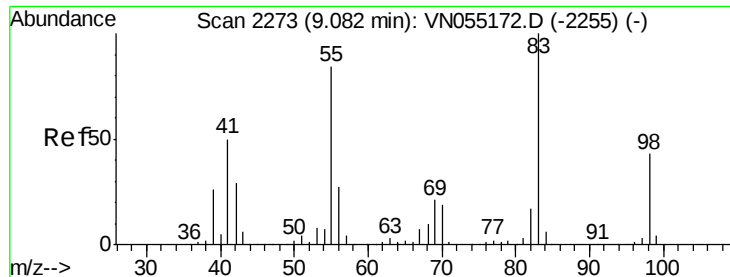
Tgt Ion: 43 Resp: 23533
Ion Ratio Lower Upper
43 100
61 14.8 10.4 15.6
70 10.5 6.6 10.0#



#38
Carbon Tetrachloride
Concen: 5.262 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

Tgt Ion: 117 Resp: 31125
Ion Ratio Lower Upper
117 100
119 90.3 77.0 115.6
121 29.0 23.8 35.8

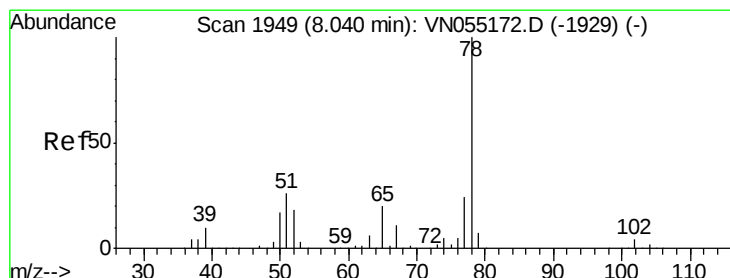
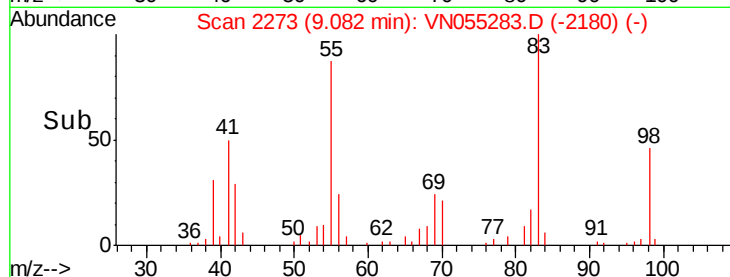
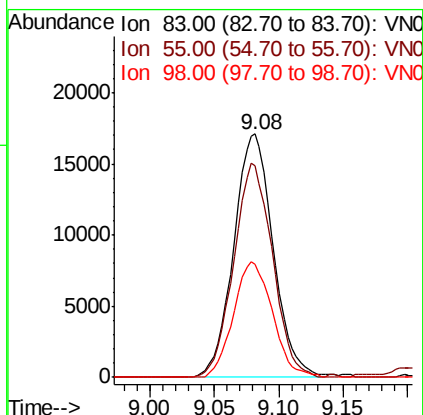
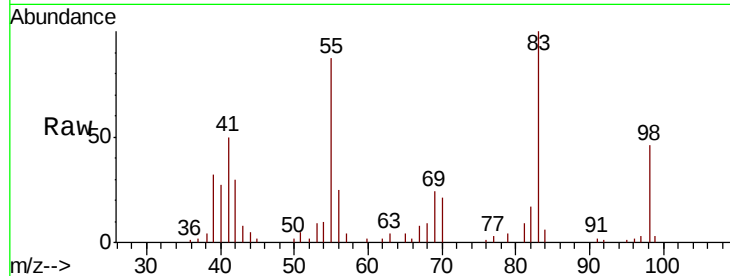




#39
Methylcyclohexane
Concen: 4.890 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

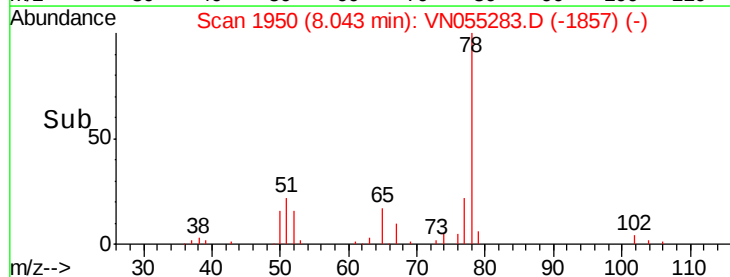
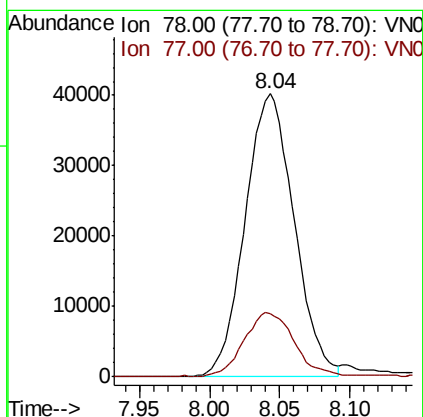
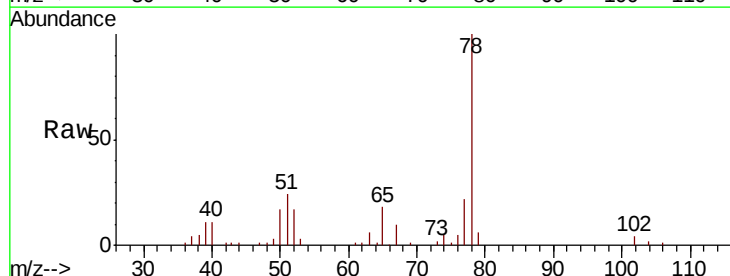
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

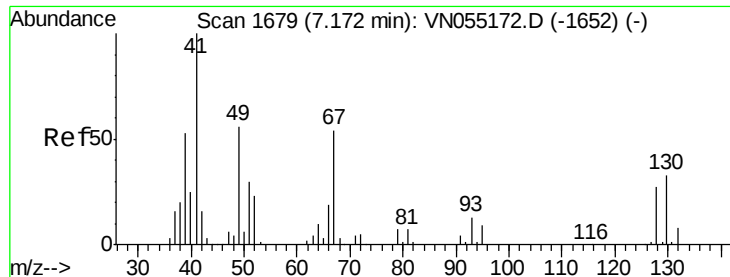
Tgt Ion: 83 Resp: 36515
Ion Ratio Lower Upper
83 100
55 87.1 67.8 101.6
98 46.4 36.2 54.4



#40
Benzene
Concen: 5.031 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

Tgt Ion: 78 Resp: 97956
Ion Ratio Lower Upper
78 100
77 22.2 19.0 28.6

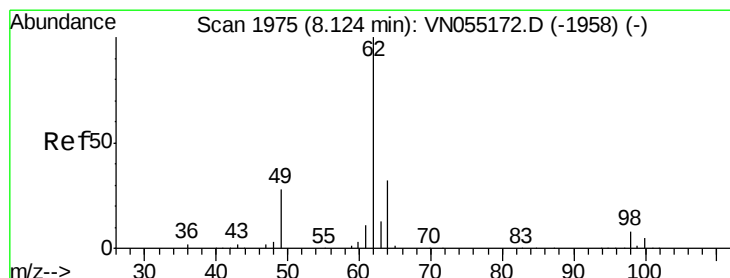
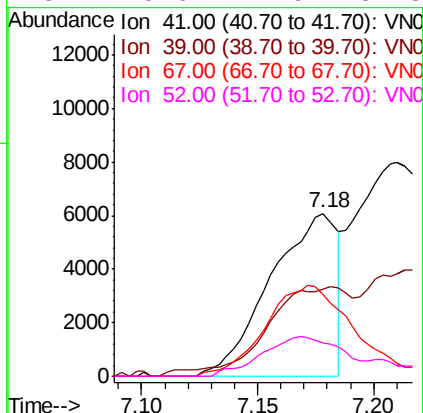
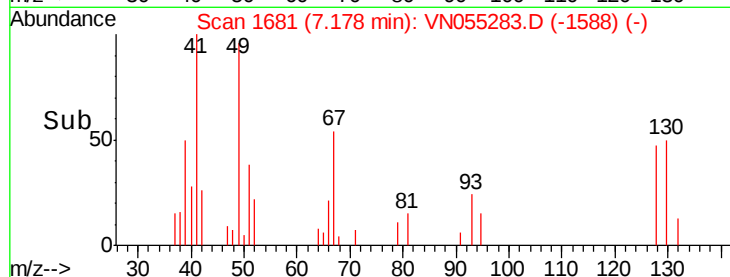
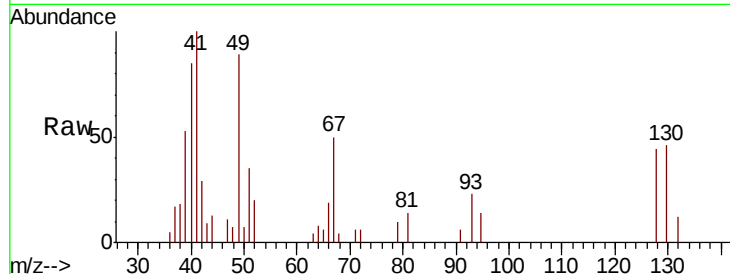




#41
Methacrylonitrile
Concen: 4.552 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

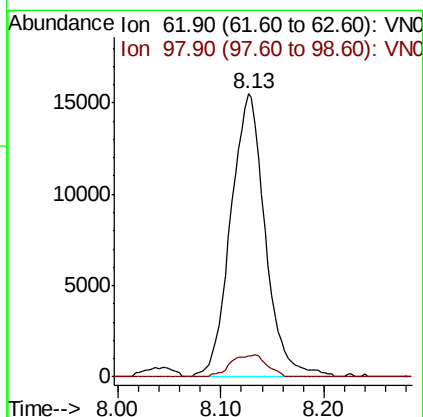
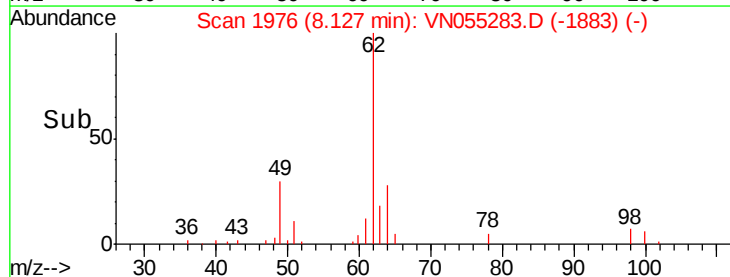
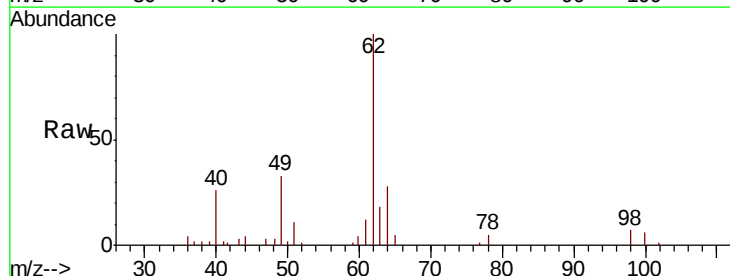
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

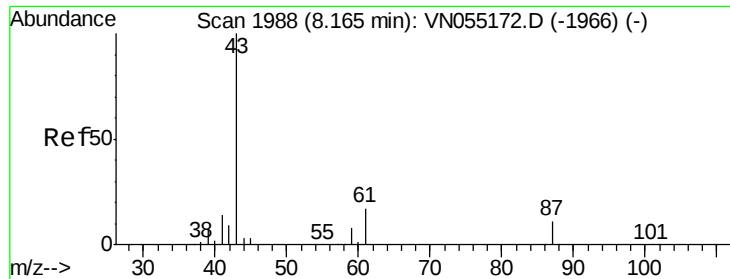
Tgt Ion:	41	Resp:	12116
Ion	Ratio	Lower	Upper
41	100		
39	68.8	48.5	72.7
67	73.2	54.9	82.3
52	29.6	24.9	37.3



#42
1,2-Dichloroethane
Concen: 5.305 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

Tgt Ion:	62	Resp:	36046
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.4





#43

Isopropyl Acetate

Concen: 4.714 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

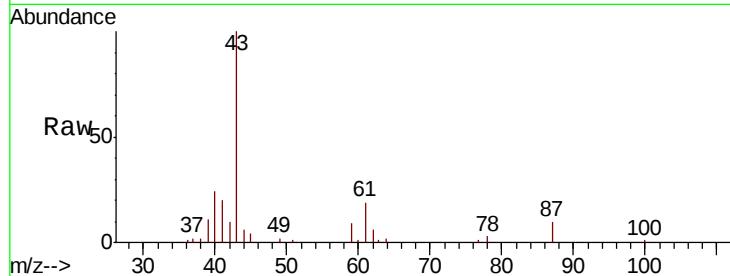
Tgt Ion: 43 Resp: 38853

Ion Ratio Lower Upper

43 100

61 29.5 20.8 31.2

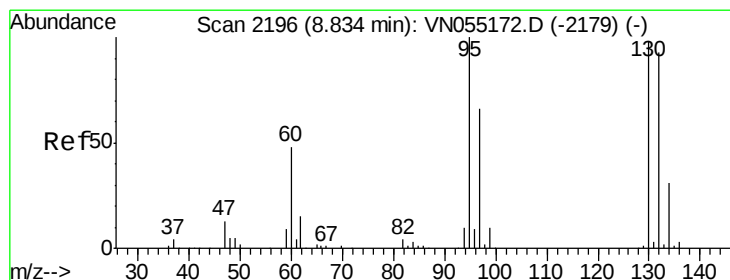
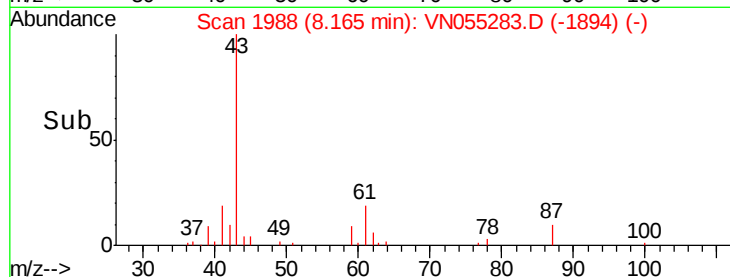
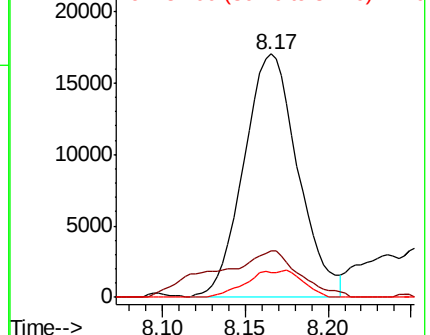
87 11.5 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN055172.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN055172.D (-1966) (-)



#44

Trichloroethene

Concen: 4.922 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055283.D

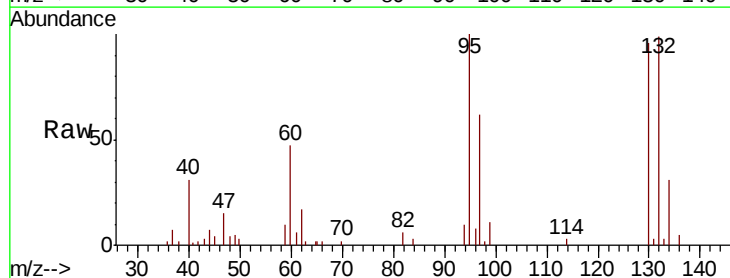
Acq: 29 Apr 2019 10:16

Tgt Ion: 130 Resp: 24167

Ion Ratio Lower Upper

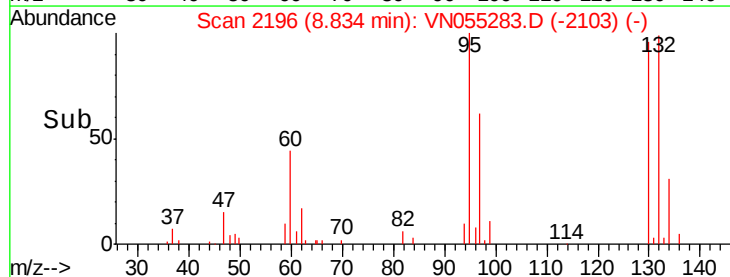
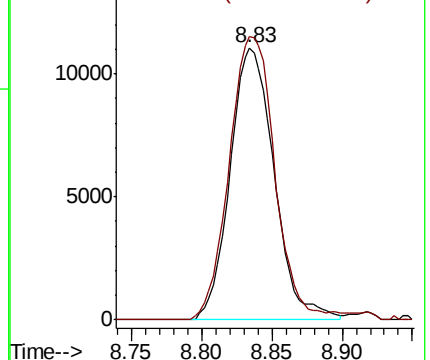
130 100

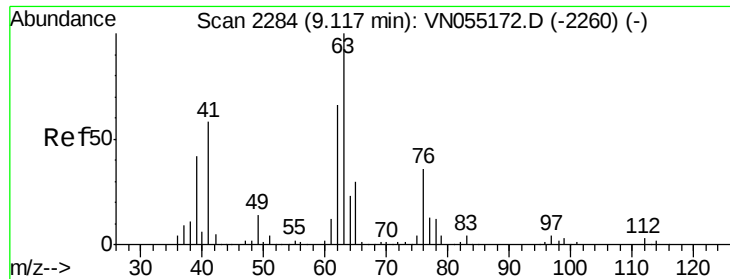
95 103.9 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN055172.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055172.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 5.083 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

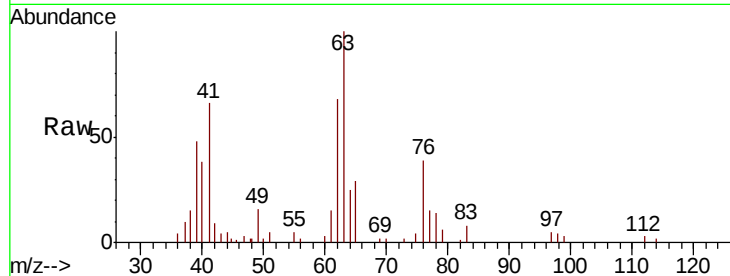
VSTDIC005

Tgt Ion: 63 Resp: 28013

Ion Ratio Lower Upper

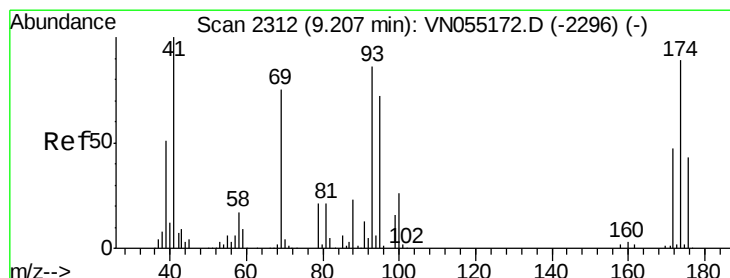
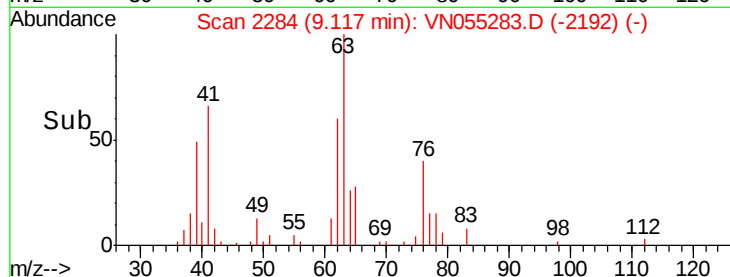
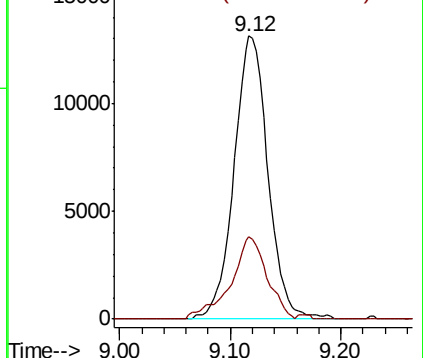
63 100

65 29.3 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 4.956 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

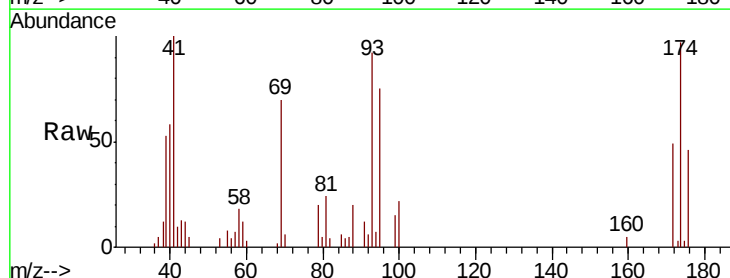
Tgt Ion: 93 Resp: 15552

Ion Ratio Lower Upper

93 100

95 83.3 65.7 98.5

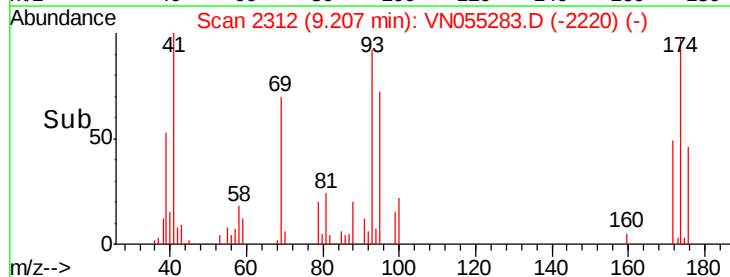
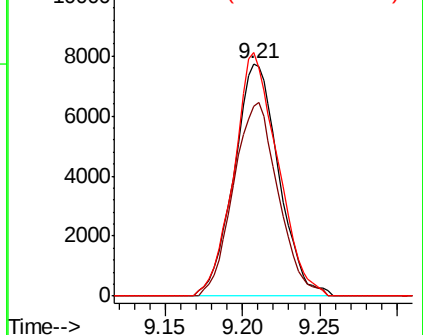
174 102.6 81.5 122.3

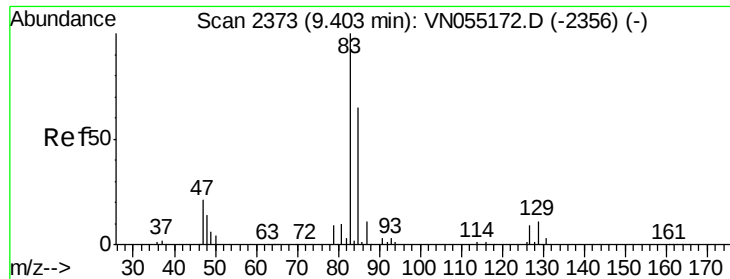


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 5.263 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

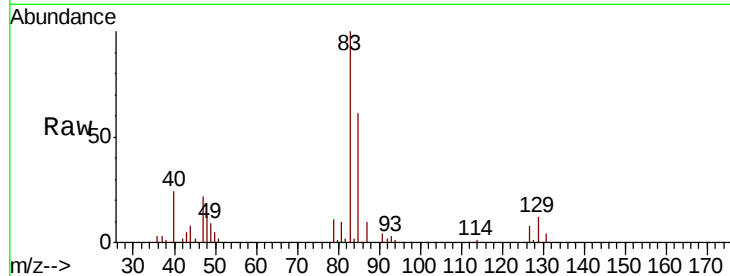
Tgt Ion: 83 Resp: 33213

Ion Ratio Lower Upper

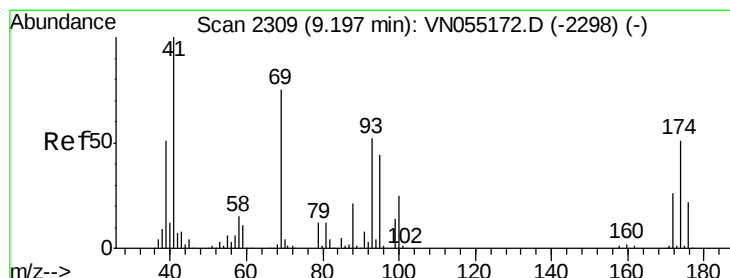
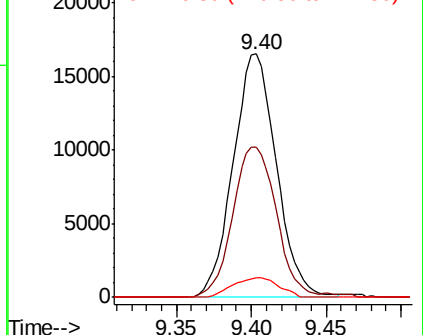
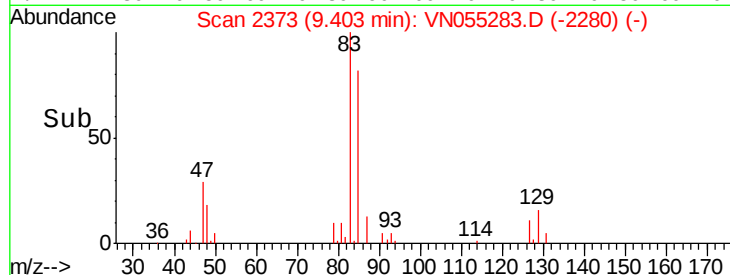
83 100

85 61.5 50.1 75.1

127 8.1 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN055283.D (-2280) (-)



#48

Methyl methacrylate

Concen: 5.150 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

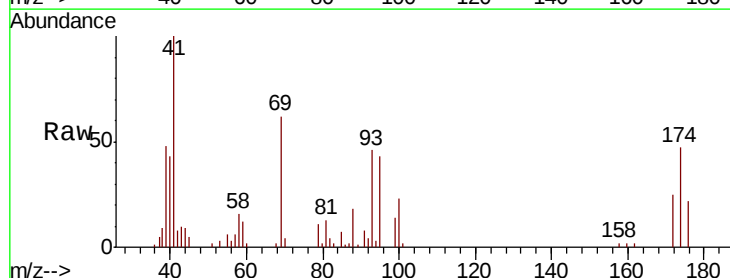
Tgt Ion: 41 Resp: 20701

Ion Ratio Lower Upper

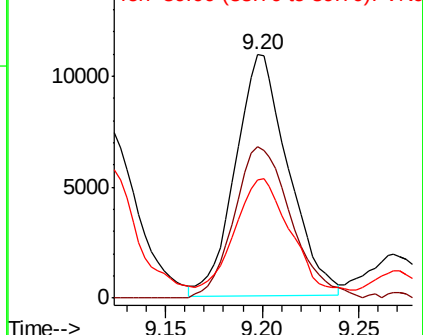
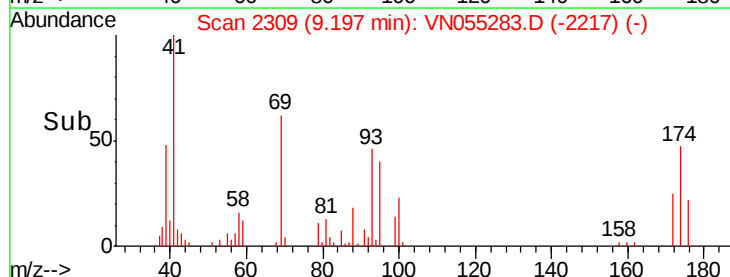
41 100

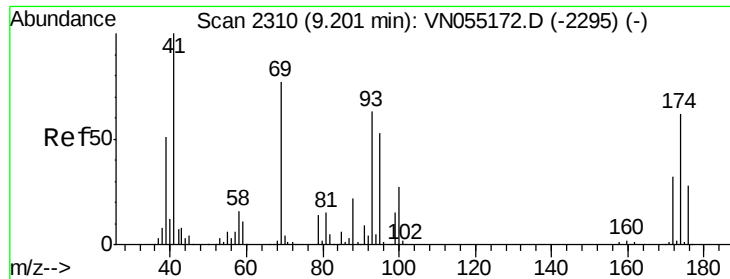
69 68.0 58.6 87.8

39 53.0 43.8 65.6



Abundance Ion 41.00 (40.70 to 41.70): VN055283.D (-2217) (-)





#49

1,4-Dioxane

Concen: 97.029 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

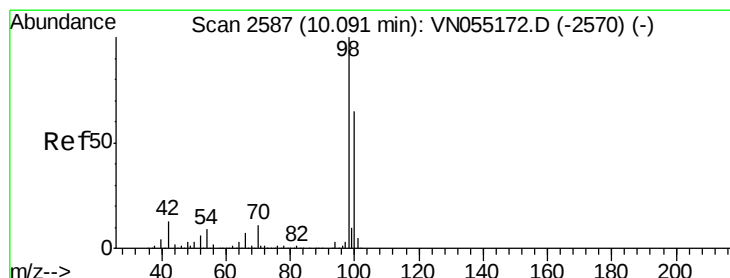
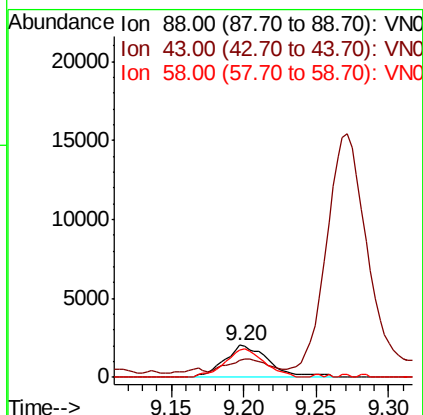
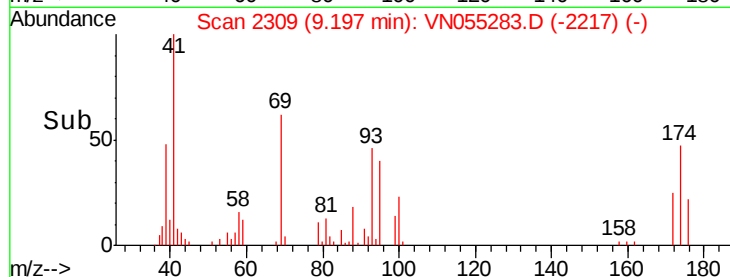
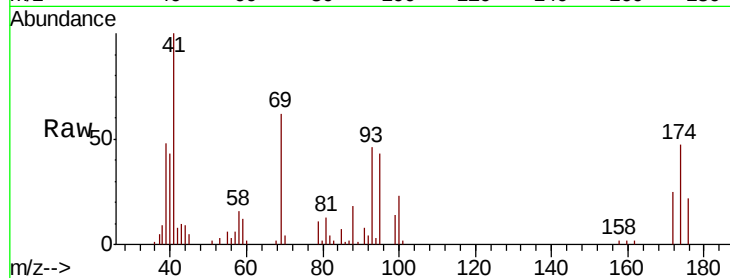
Tgt Ion: 88 Resp: 4400

Ion Ratio Lower Upper

88 100

43 32.8 33.3 49.9#

58 77.5 62.7 94.1



#50

Toluene-d8

Concen: 4.846 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055283.D

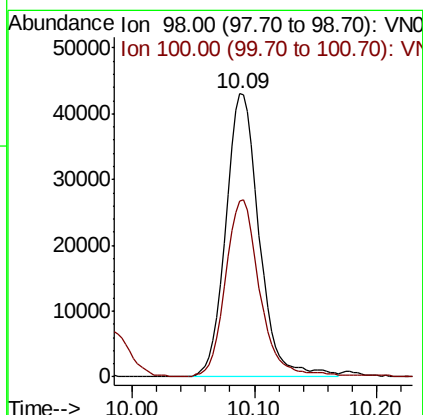
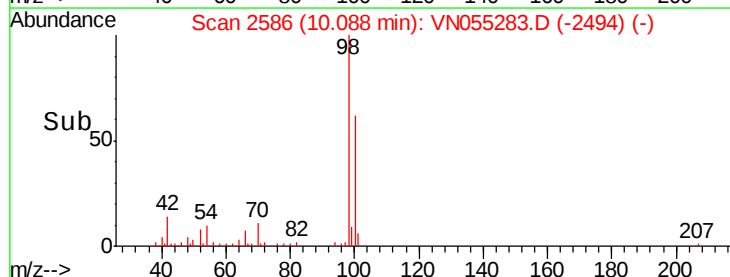
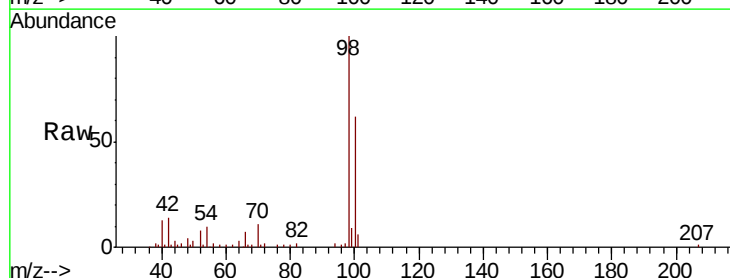
Acq: 29 Apr 2019 10:16

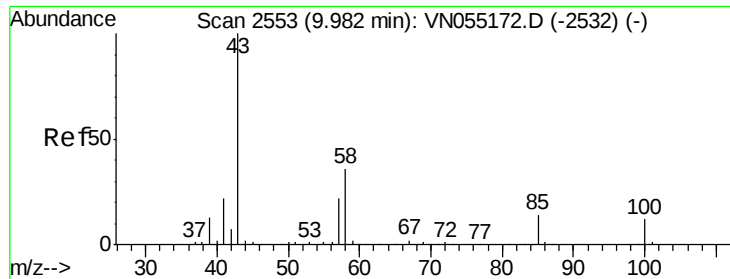
Tgt Ion: 98 Resp: 82579

Ion Ratio Lower Upper

98 100

100 63.3 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 24.206 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

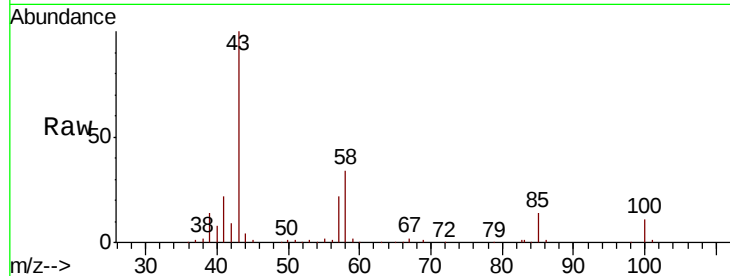
VSTDIC005

Tgt Ion: 43 Resp: 114766

Ion Ratio Lower Upper

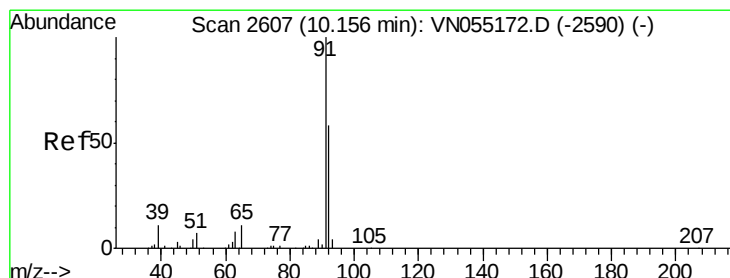
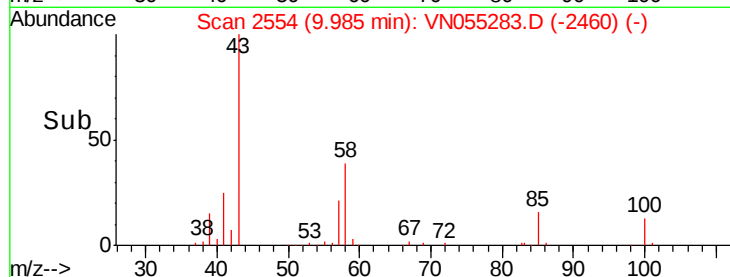
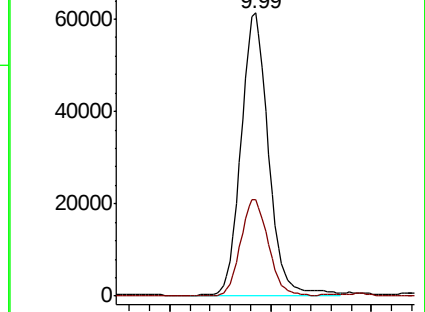
43 100

58 34.8 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-2532) (-)

Ion 58.00 (57.70 to 58.70): VN055172.D (-2532) (-)



#52

Toluene

Concen: 4.968 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055283.D

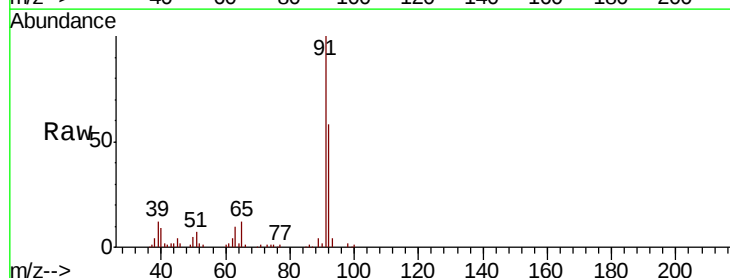
Acq: 29 Apr 2019 10:16

Tgt Ion: 92 Resp: 56426

Ion Ratio Lower Upper

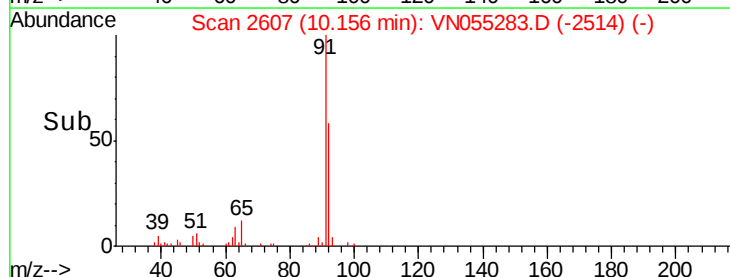
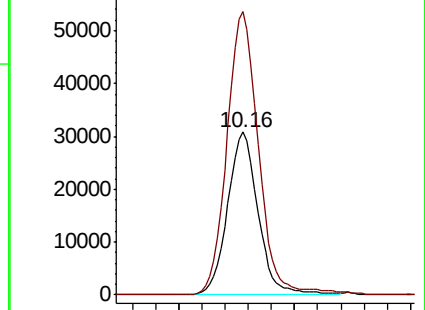
92 100

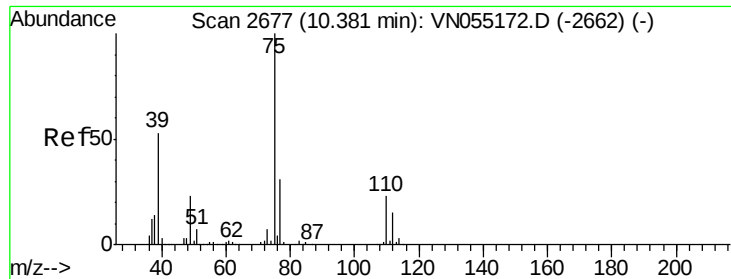
91 176.0 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VN055172.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN055172.D (-2590) (-)





#53

t-1,3-Dichloropropene

Concen: 4.569 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

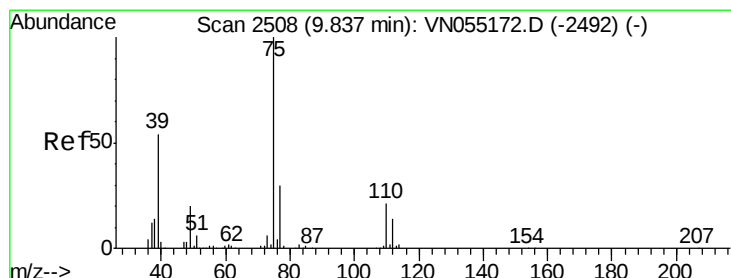
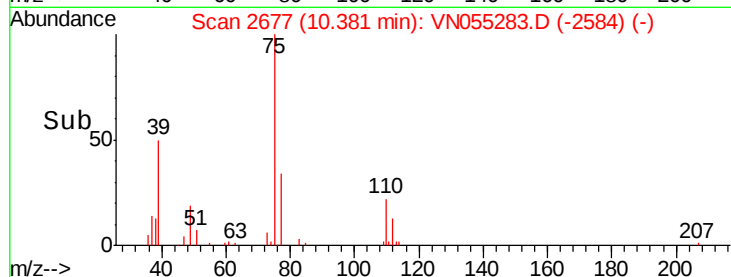
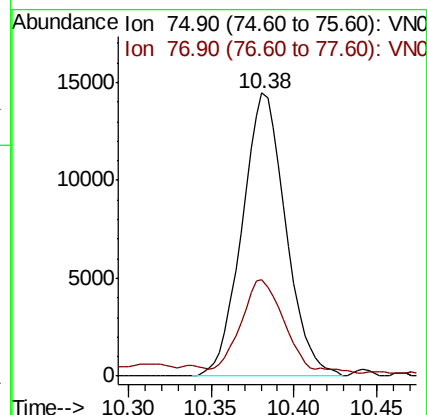
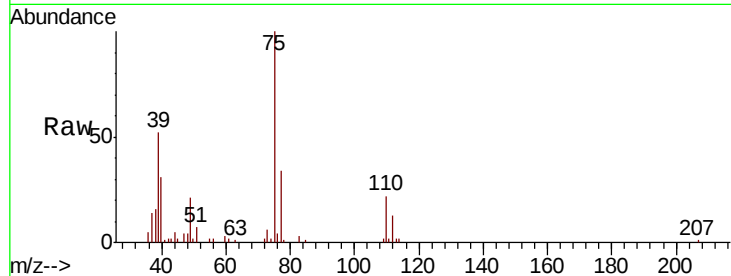
VSTDIC005

Tgt Ion: 75 Resp: 26448

Ion Ratio Lower Upper

75 100

77 32.0 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 4.689 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

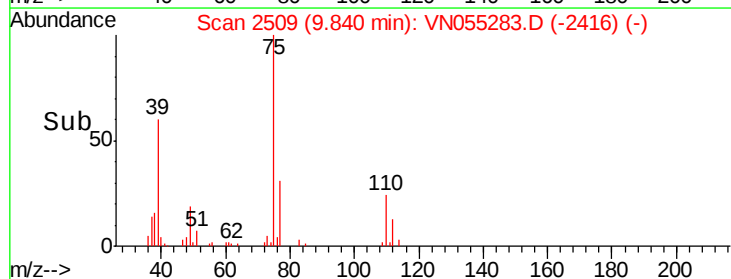
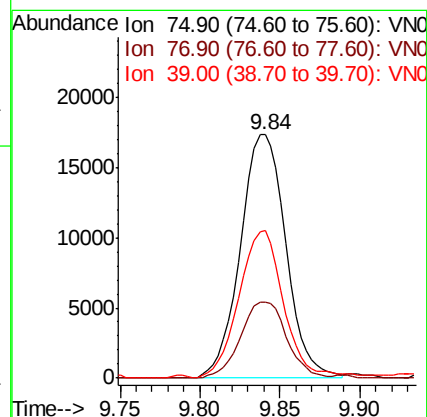
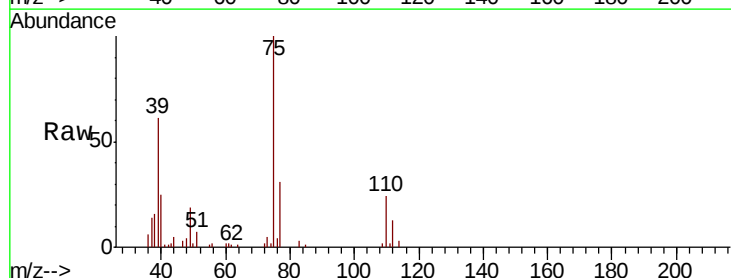
Tgt Ion: 75 Resp: 33684

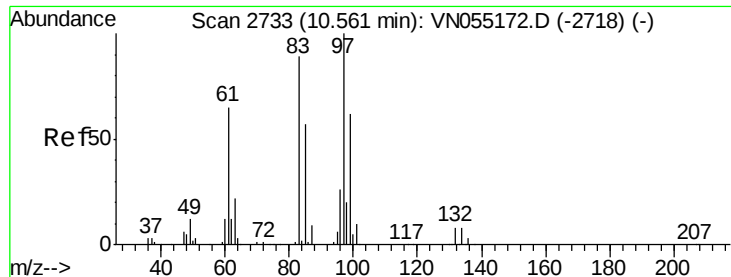
Ion Ratio Lower Upper

75 100

77 31.2 24.2 36.2

39 60.6 44.2 66.2





#55

1,1,2-Trichloroethane

Concen: 4.812 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 20269

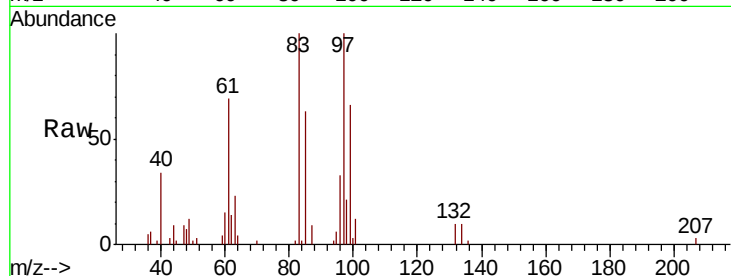
Ion Ratio Lower Upper

97 100

83 99.8 72.8 109.2

85 63.2 47.0 70.6

99 66.0 49.0 73.4

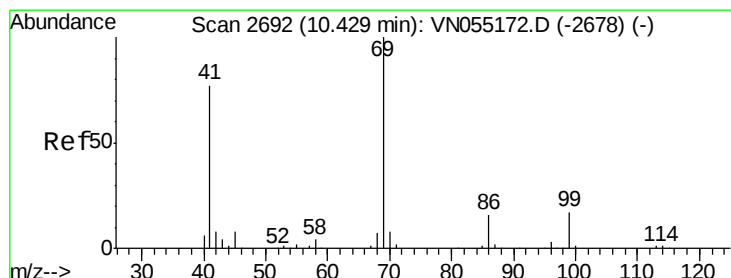
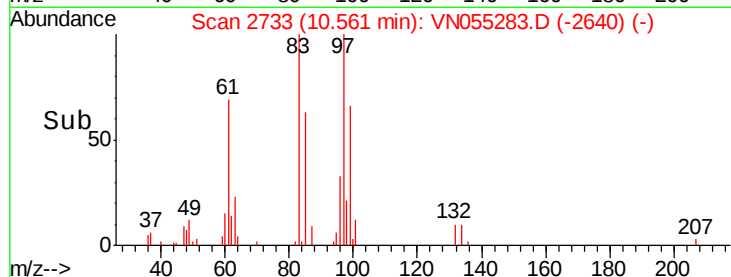
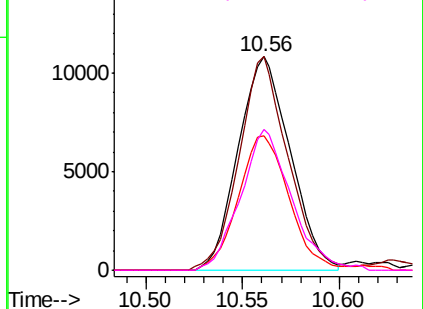


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 4.744 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

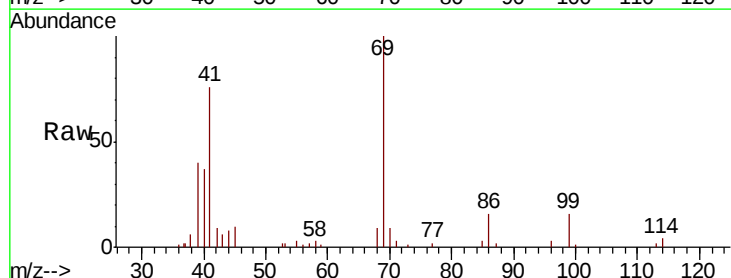
Tgt Ion: 69 Resp: 24816

Ion Ratio Lower Upper

69 100

41 73.9 62.7 94.1

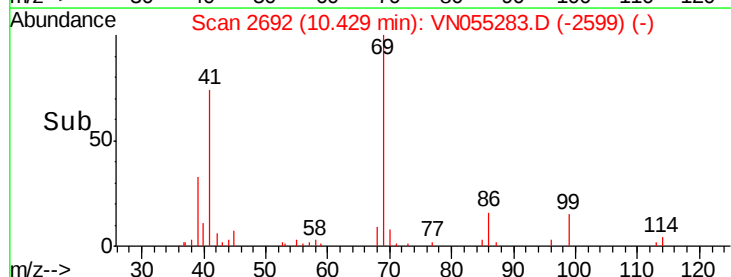
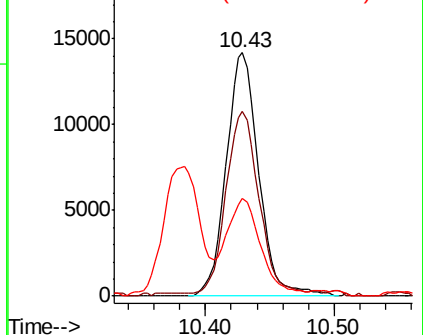
39 40.0 32.0 48.0

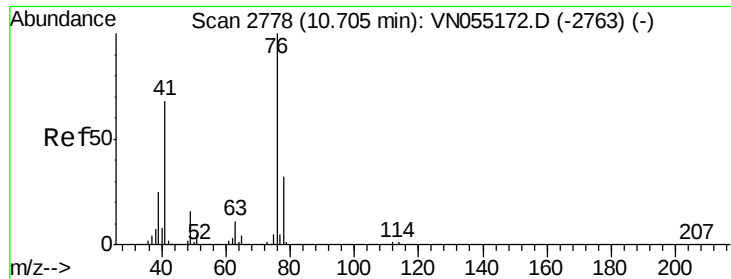


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 4.929 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

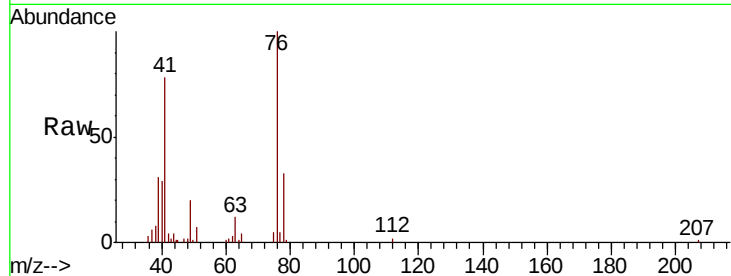
VSTDIC005

Tgt Ion: 76 Resp: 36072

Ion Ratio Lower Upper

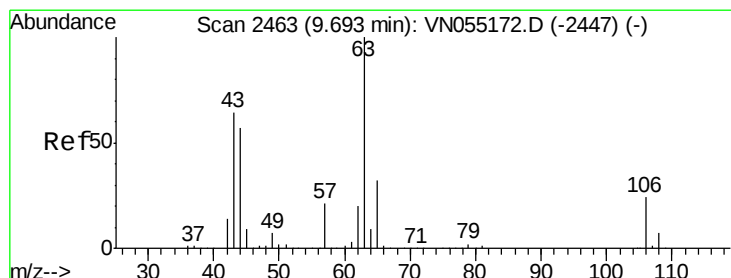
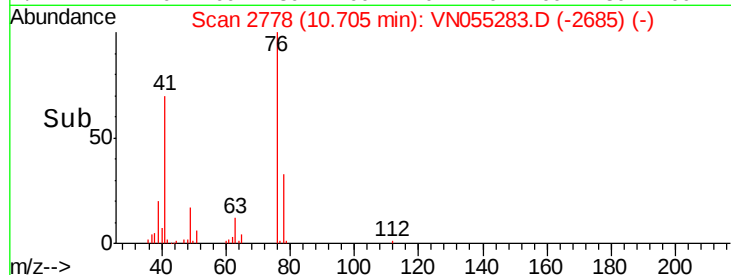
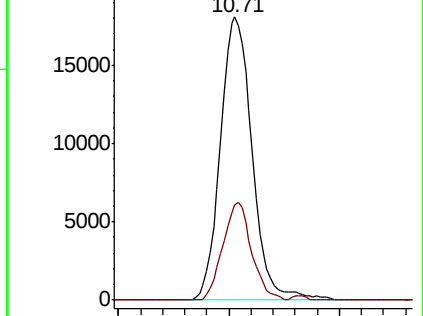
76 100

78 31.0 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 19.115 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN055283.D

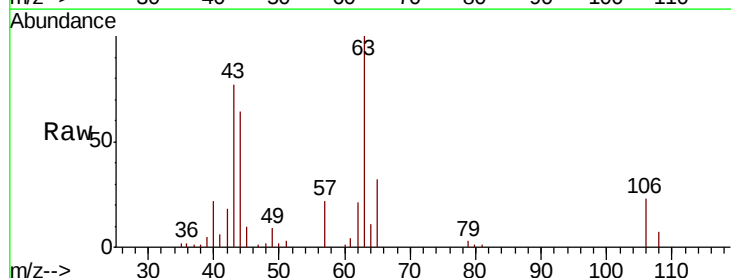
Acq: 29 Apr 2019 10:16

Tgt Ion: 63 Resp: 30860

Ion Ratio Lower Upper

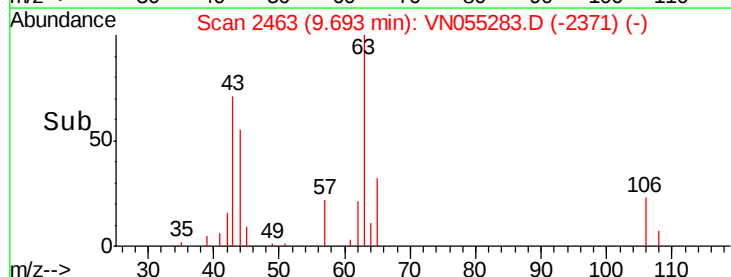
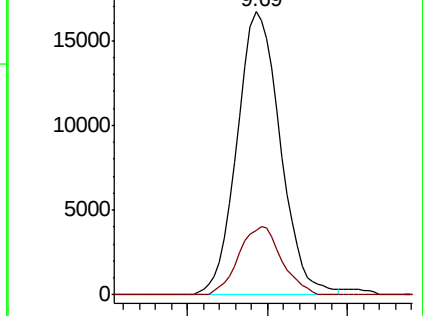
63 100

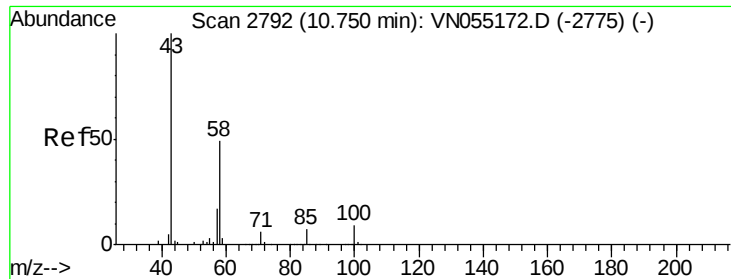
106 23.8 19.0 28.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

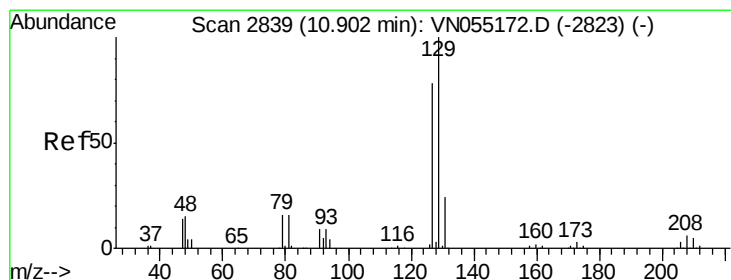
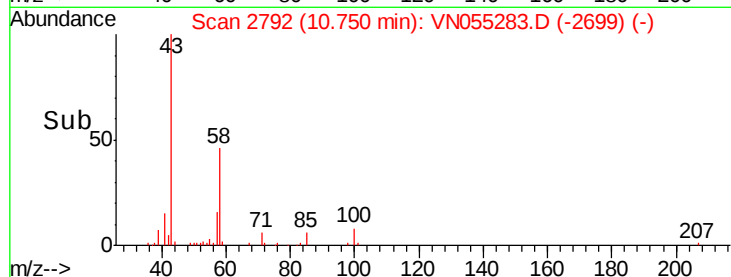
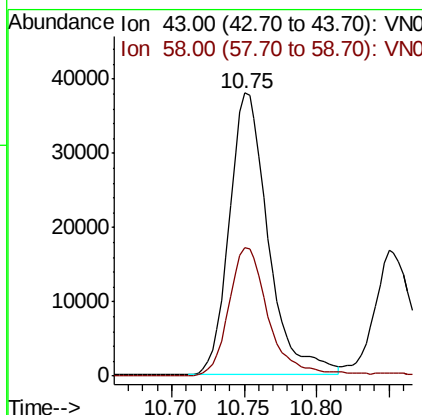
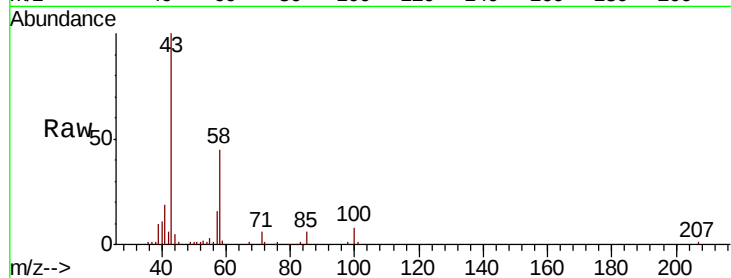




#59
2-Hexanone
Concen: 23.782 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

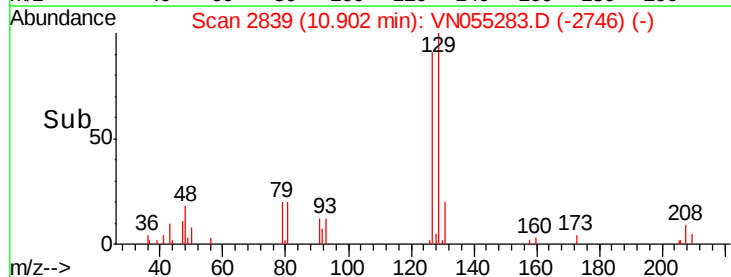
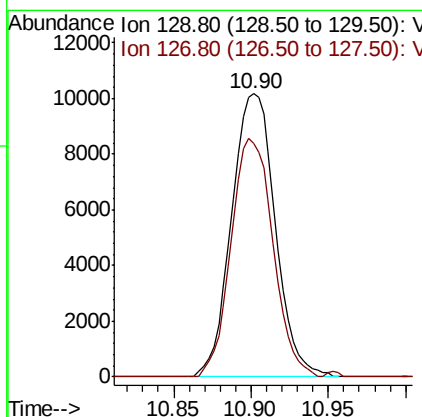
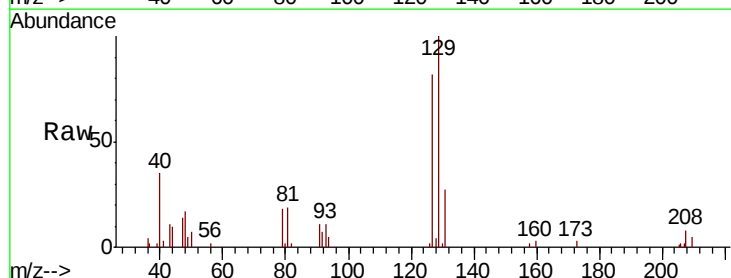
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

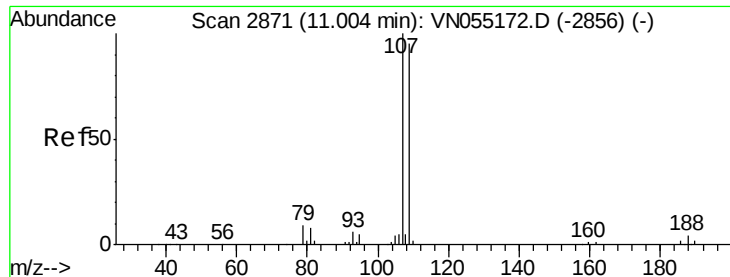
Tgt Ion: 43 Resp: 70383
Ion Ratio Lower Upper
43 100
58 46.9 24.9 74.6



#60
Dibromochloromethane
Concen: 4.600 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

Tgt Ion: 129 Resp: 19984
Ion Ratio Lower Upper
129 100
127 80.8 38.1 114.5

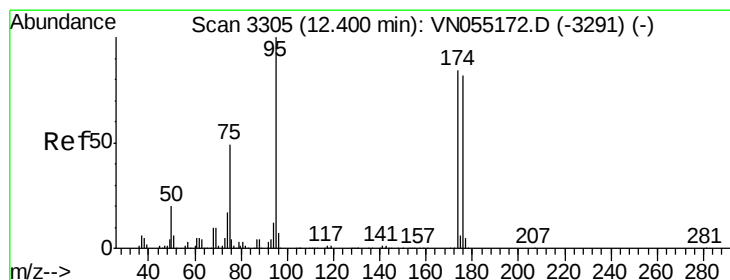
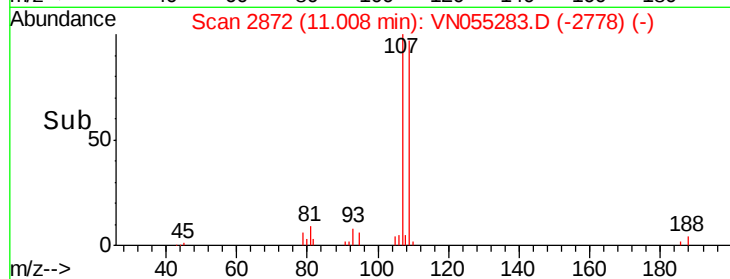
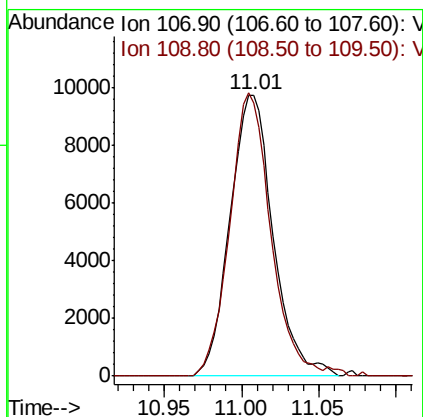
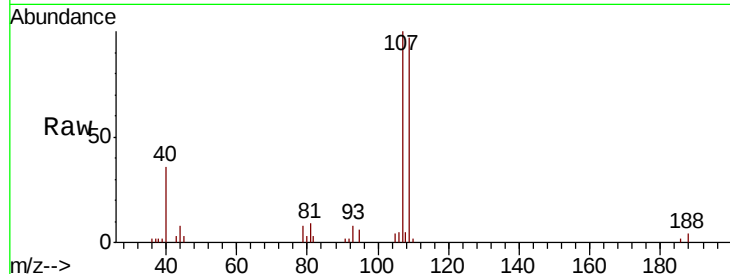




#61
 1,2-Dibromoethane
 Concen: 4.783 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN055283.D
 Acq: 29 Apr 2019 10:16

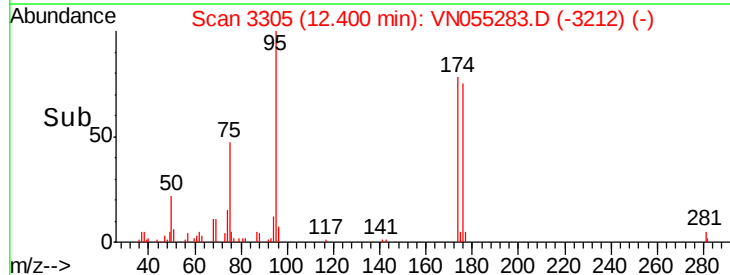
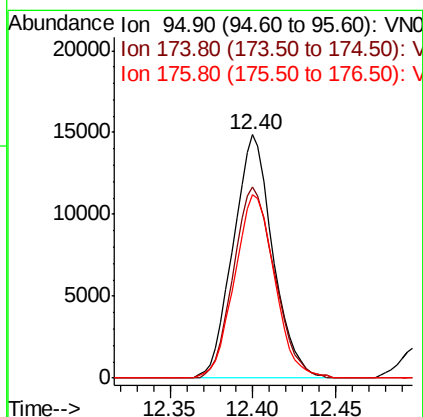
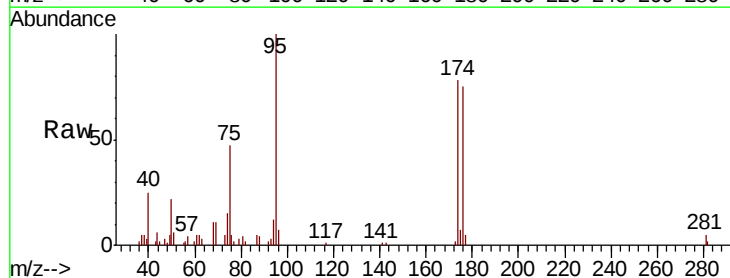
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

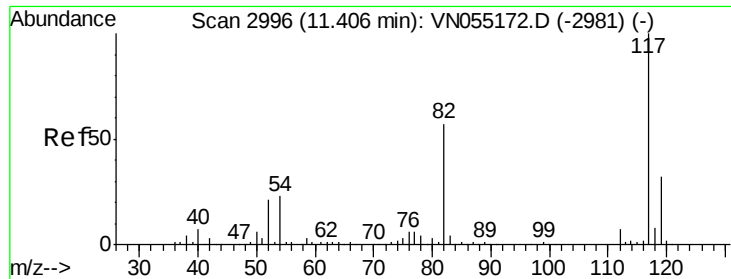
Tgt Ion: 107 Resp: 18860
 Ion Ratio Lower Upper
 107 100
 109 95.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 4.596 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055283.D
 Acq: 29 Apr 2019 10:16

Tgt Ion: 95 Resp: 24733
 Ion Ratio Lower Upper
 95 100
 174 81.4 0.0 166.6
 176 76.4 0.0 157.8

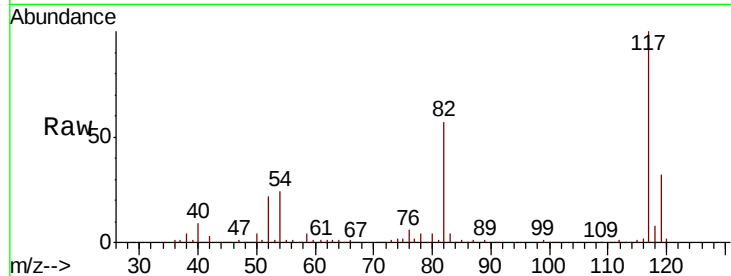




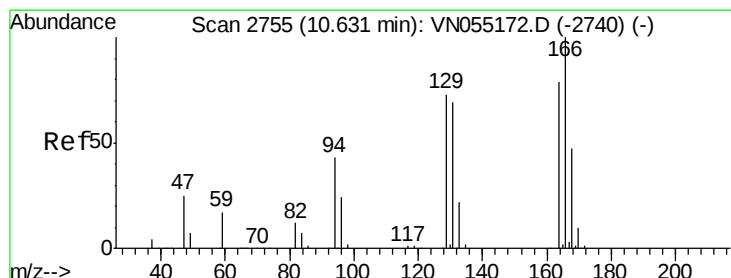
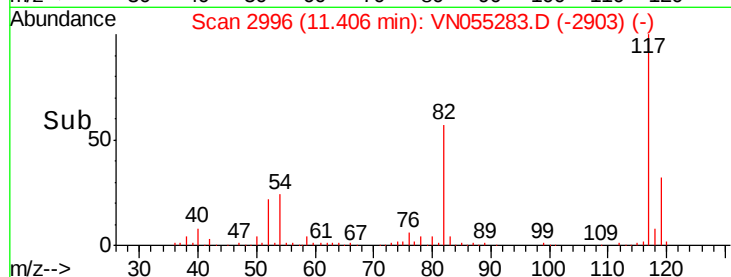
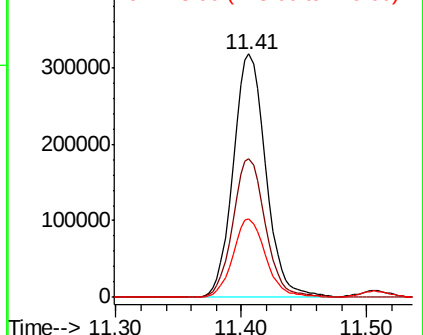
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 574129
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.4
119 32.0 26.6 40.0



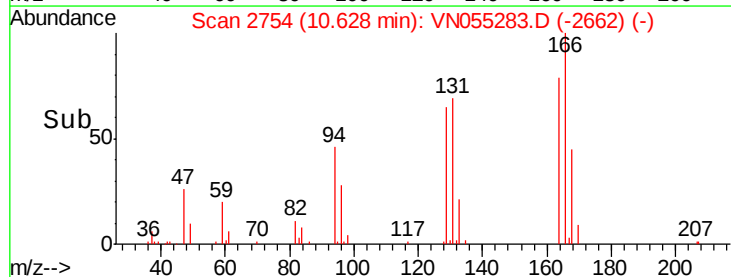
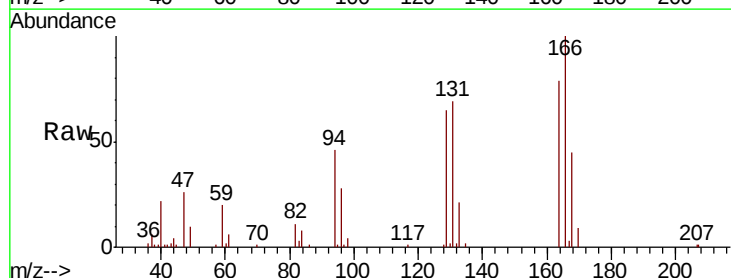
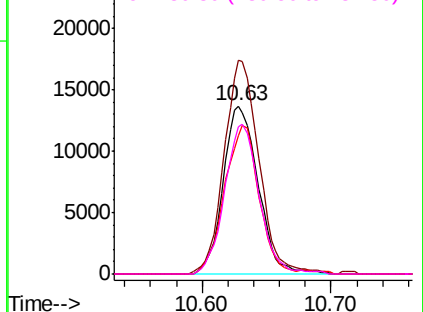
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

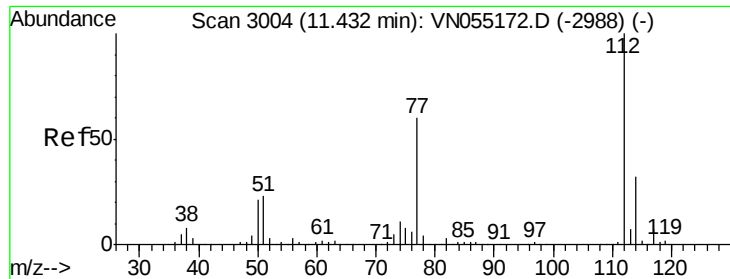


#64
Tetrachloroethene
Concen: 5.527 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

Tgt Ion:164 Resp: 25680
Ion Ratio Lower Upper
164 100
166 127.0 102.3 153.5
129 82.3 75.0 112.6
131 87.1 72.7 109.1

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

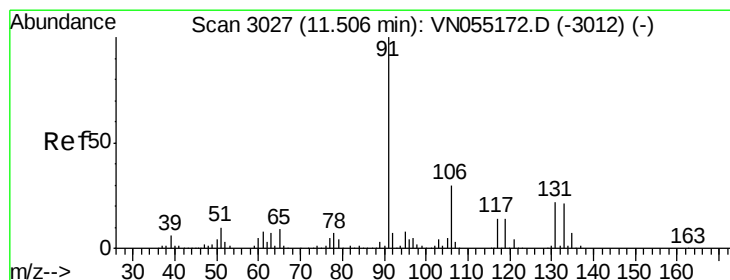
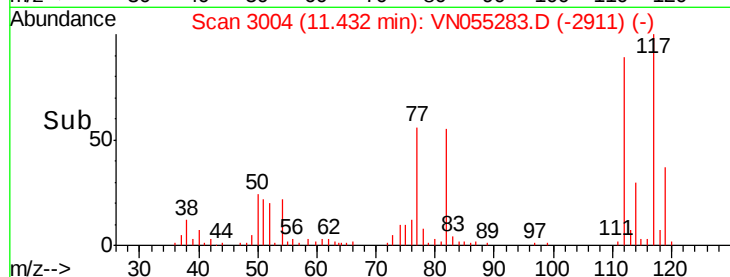
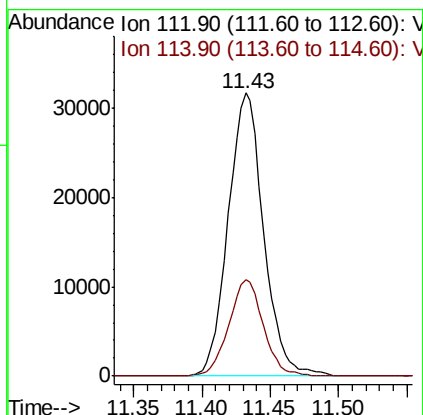
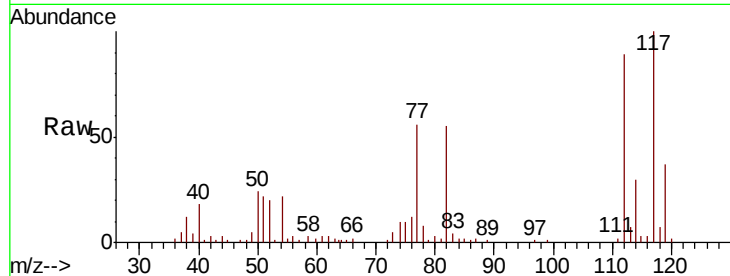




#65
Chlorobenzene
Concen: 4.910 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

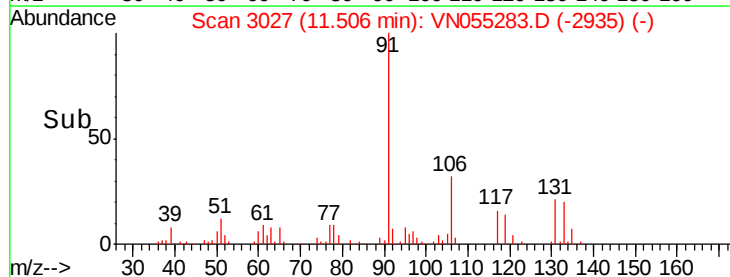
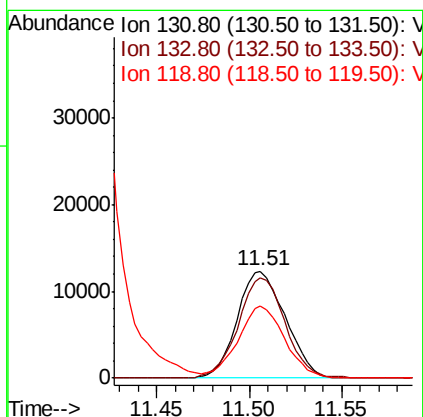
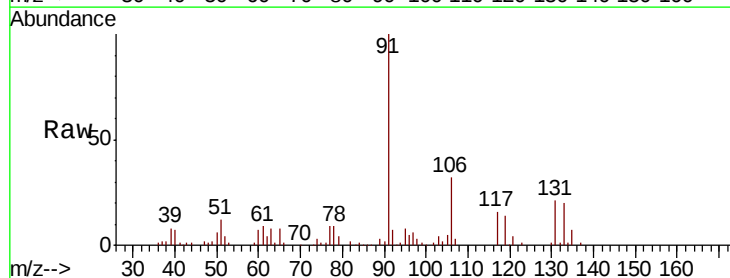
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

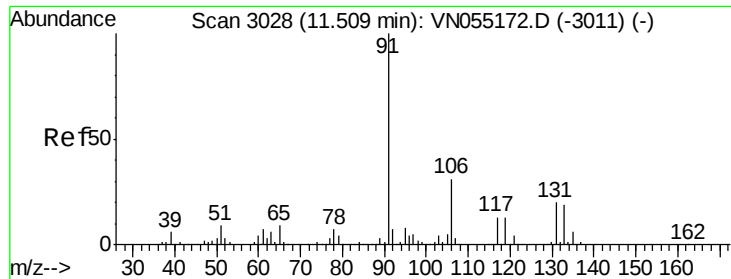
Tgt Ion:112 Resp: 57028
Ion Ratio Lower Upper
112 100
114 34.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 5.151 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

Tgt Ion:131 Resp: 22276
Ion Ratio Lower Upper
131 100
133 91.8 47.5 142.6
119 65.4 32.7 98.1

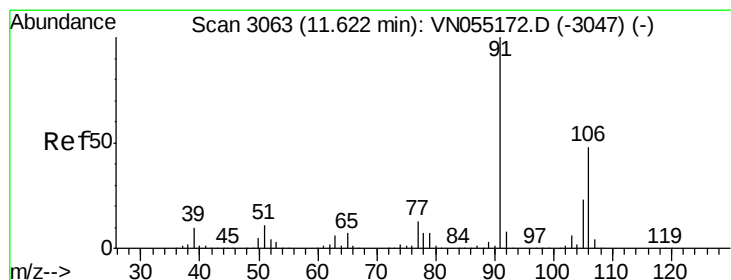
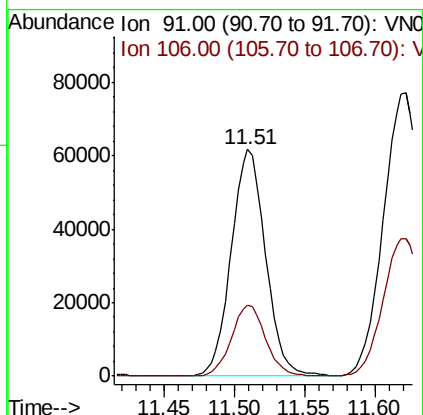
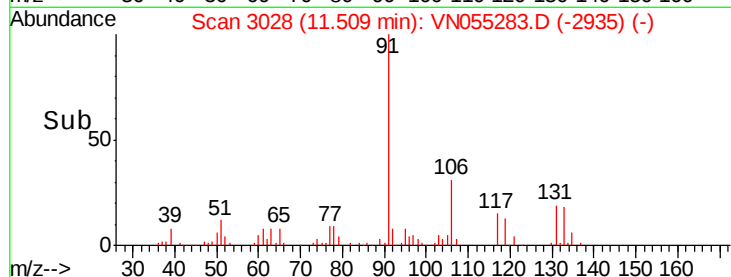
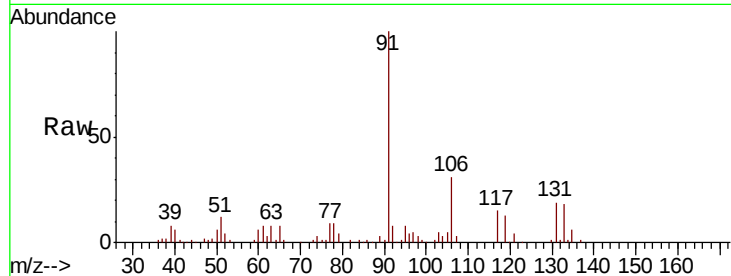




#67
Ethyl Benzene
Concen: 5.089 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

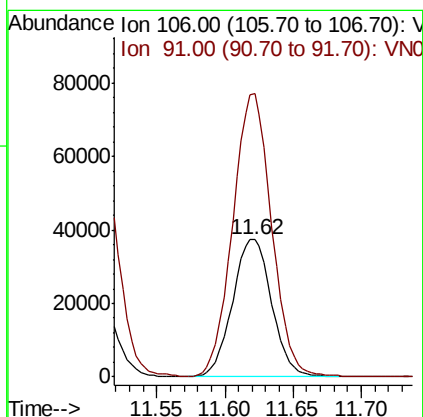
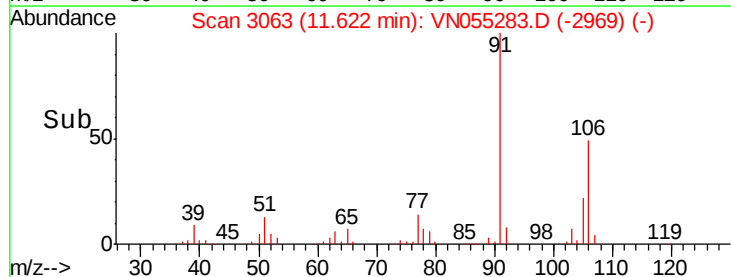
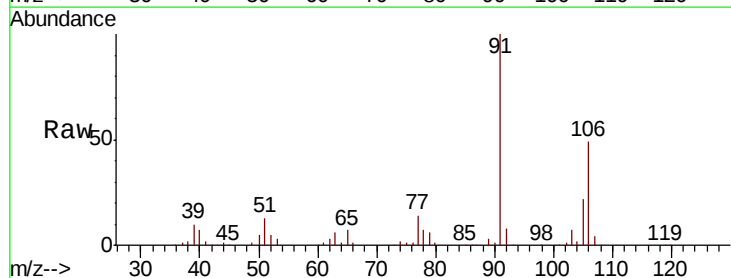
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

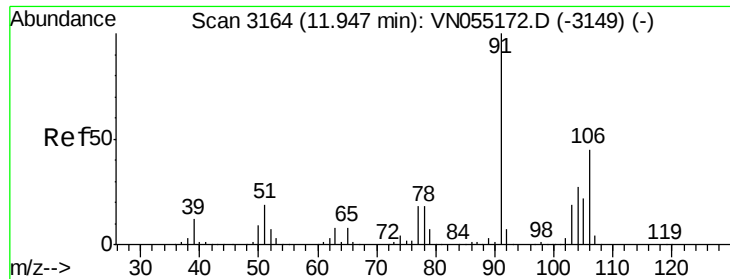
Tgt Ion: 91 Resp: 105366
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8



#68
m/p-Xylenes
Concen: 10.074 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

Tgt Ion: 106 Resp: 74563
Ion Ratio Lower Upper
106 100
91 204.7 169.5 254.3

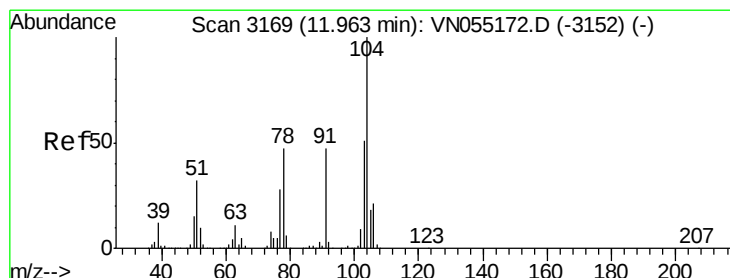
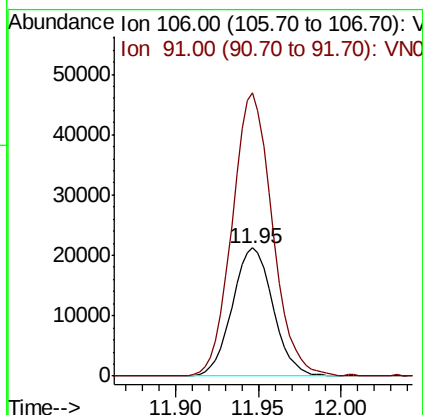
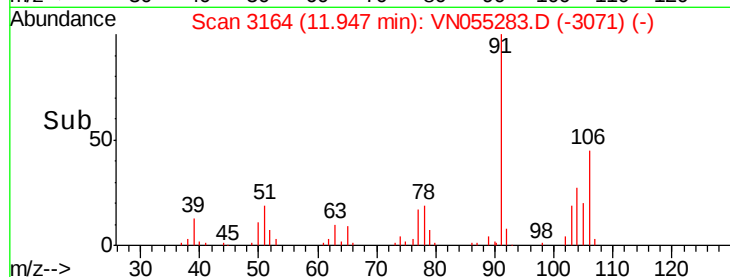
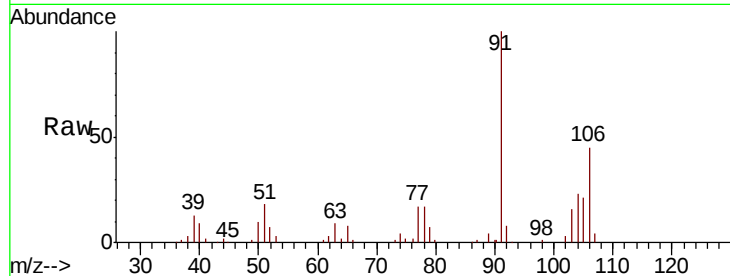




#69
o-Xylene
Concen: 4.923 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

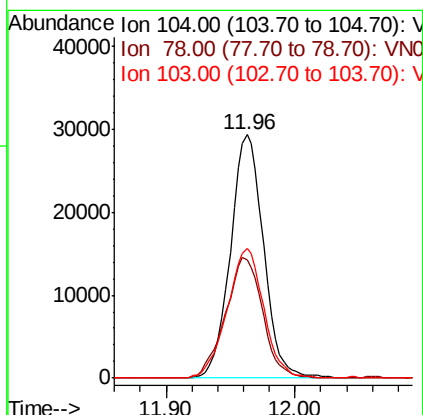
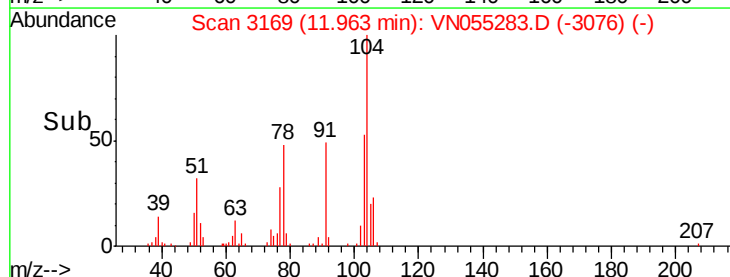
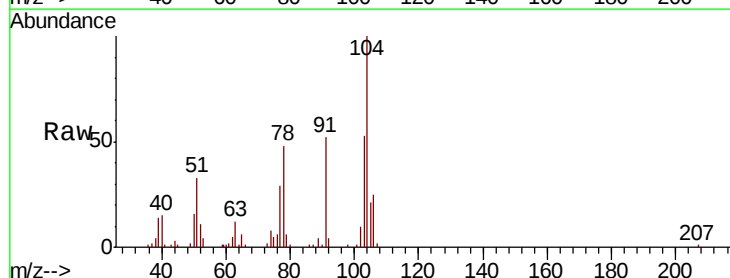
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

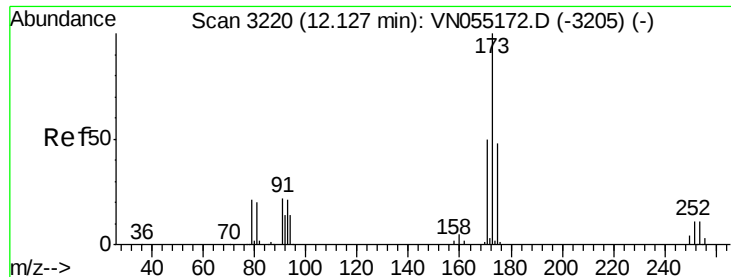
Tgt Ion:106 Resp: 36196
Ion Ratio Lower Upper
106 100
91 218.8 111.5 334.5



#70
Styrene
Concen: 4.605 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

Tgt Ion:104 Resp: 52369
Ion Ratio Lower Upper
104 100
78 55.4 42.2 63.2
103 58.6 44.6 67.0

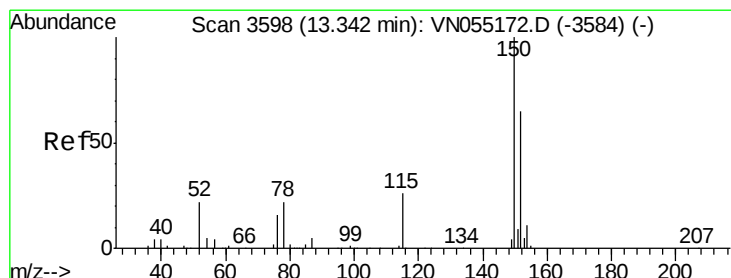
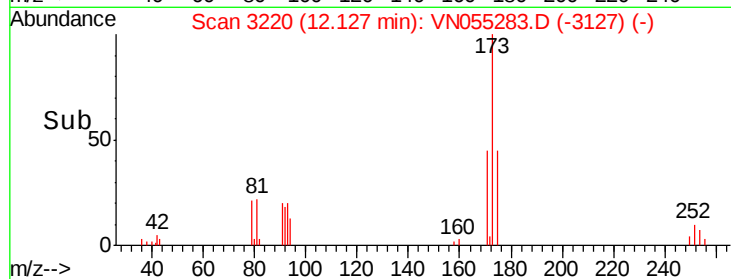
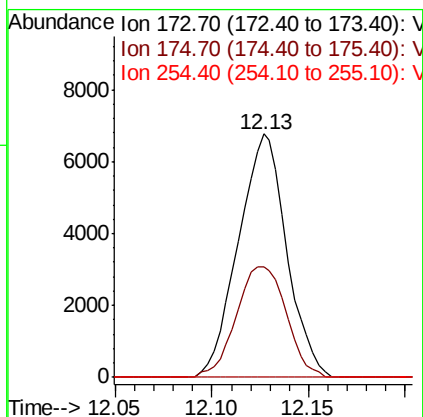
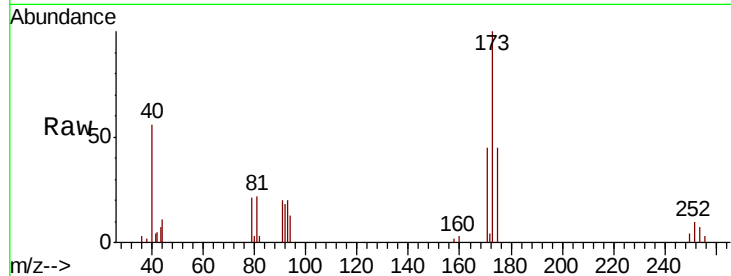




#71
Bromoform
Concen: 4.596 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

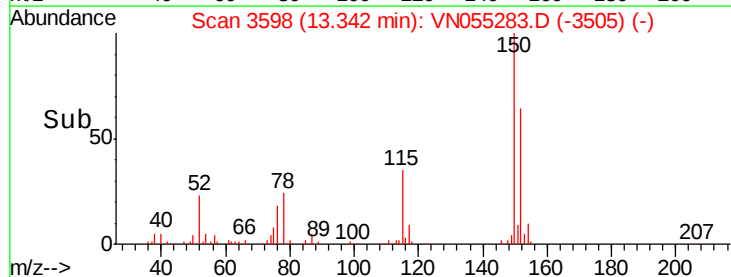
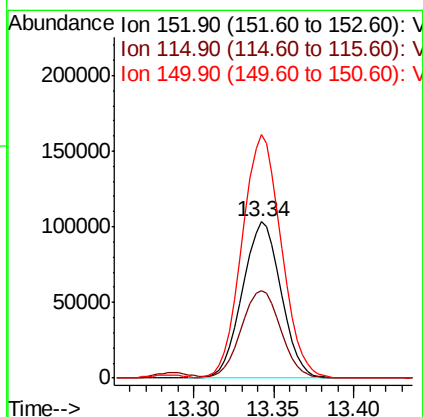
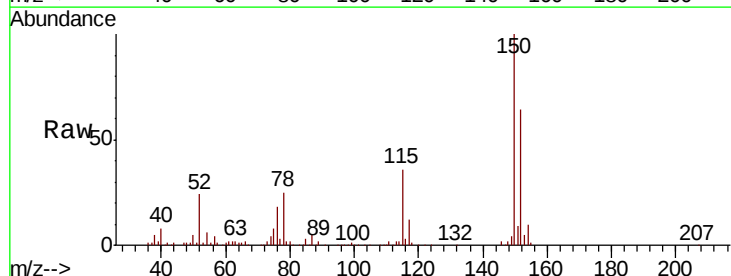
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

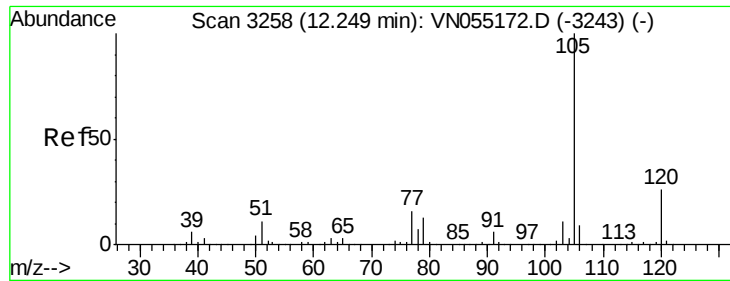
Tgt Ion:173 Resp: 11752
Ion Ratio Lower Upper
173 100
175 47.1 23.6 71.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055283.D
Acq: 29 Apr 2019 10:16

Tgt Ion:152 Resp: 170226
Ion Ratio Lower Upper
152 100
115 57.6 29.0 87.0
150 157.5 0.0 345.6





#73

Isopropylbenzene

Concen: 5.922 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

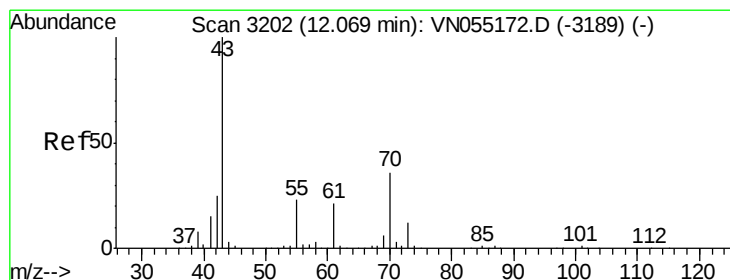
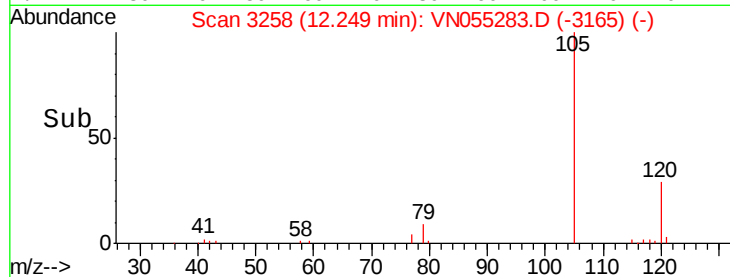
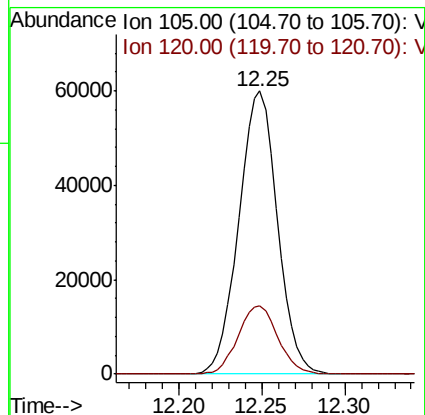
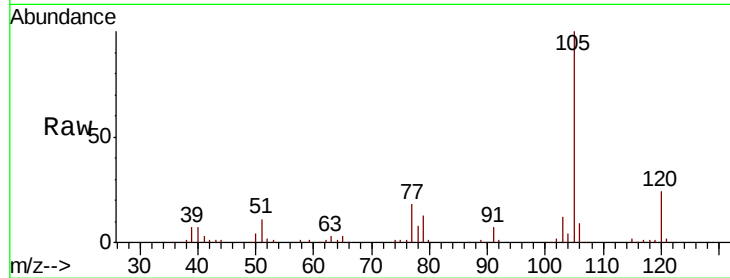
VSTDIC005

Tgt Ion:105 Resp: 97108

Ion Ratio Lower Upper

105 100

120 25.0 12.9 38.7



#74

N-ethyl acetate

Concen: 4.965 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

Tgt Ion: 43 Resp: 21769

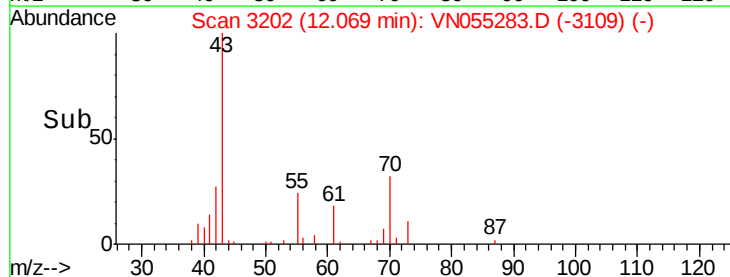
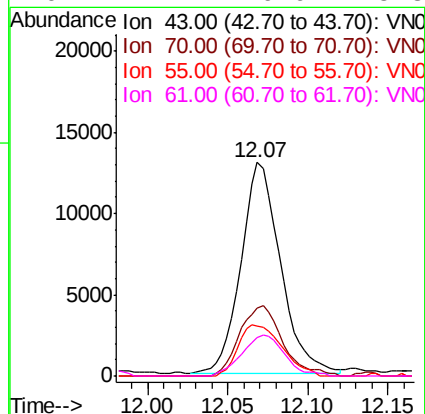
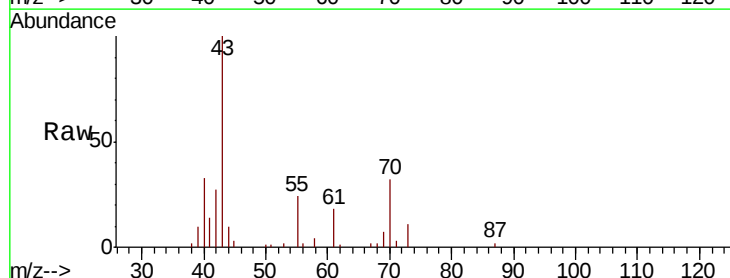
Ion Ratio Lower Upper

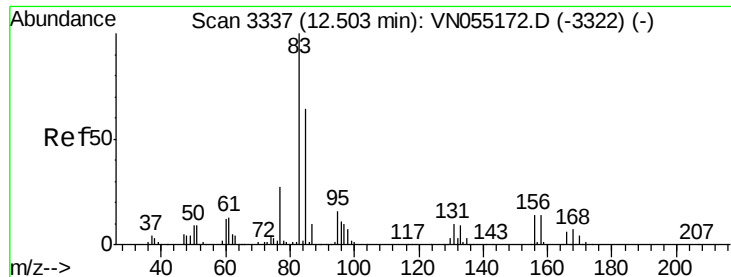
43 100

70 36.3 27.9 41.9

55 26.9 18.2 27.2

61 21.1 16.9 25.3





#75

1,1,2,2-Tetrachloroethane

Concen: 5.474 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

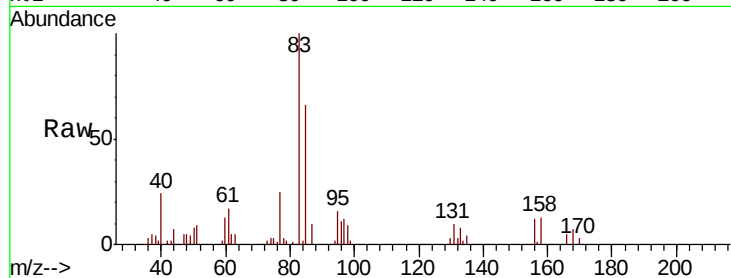
Tgt Ion: 83 Resp: 23676

Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.2

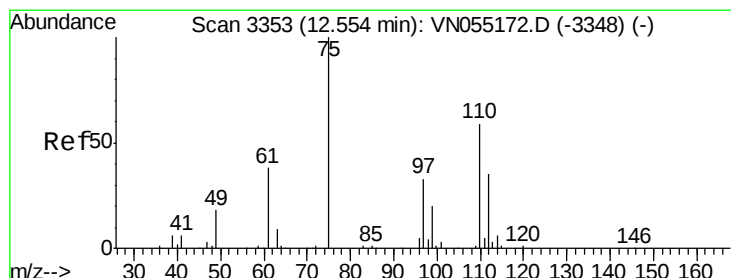
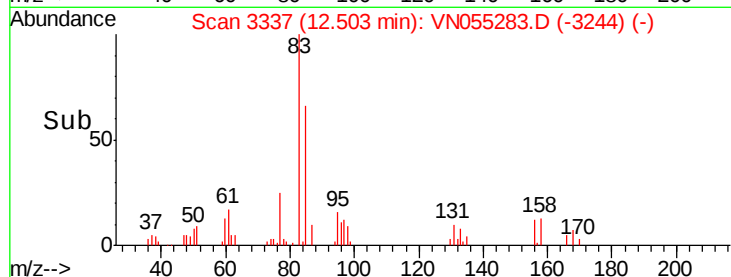
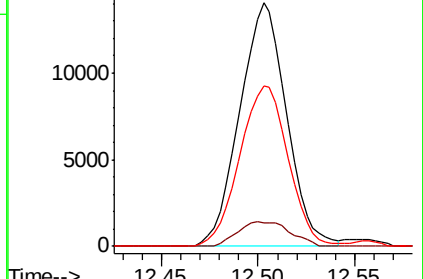
85 68.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN055172.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN055172.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN055172.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 7.973 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055283.D

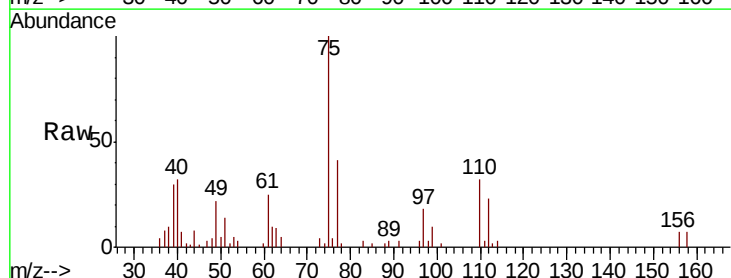
Acq: 29 Apr 2019 10:16

Tgt Ion: 75 Resp: 27862

Ion Ratio Lower Upper

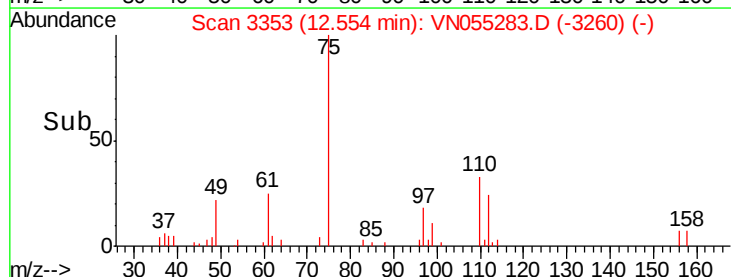
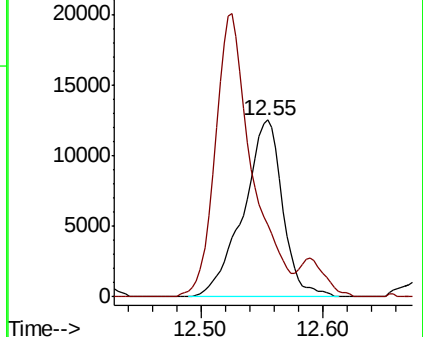
75 100

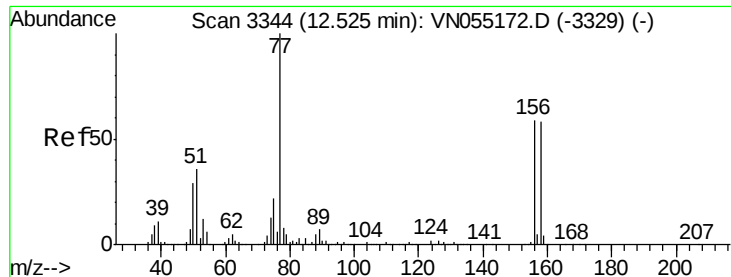
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055172.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN055172.D (-3348) (-)





#77

Bromobenzene

Concen: 5.957 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

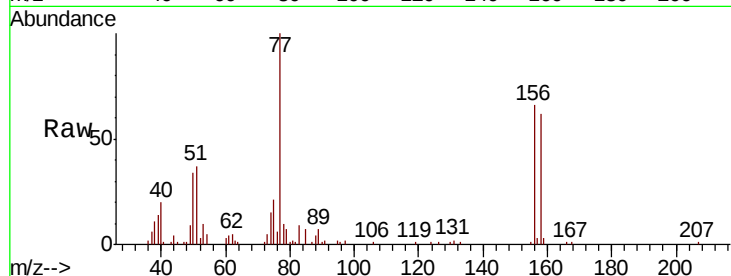
Tgt Ion:156 Resp: 22330

Ion Ratio Lower Upper

156 100

77 188.1 99.6 298.8

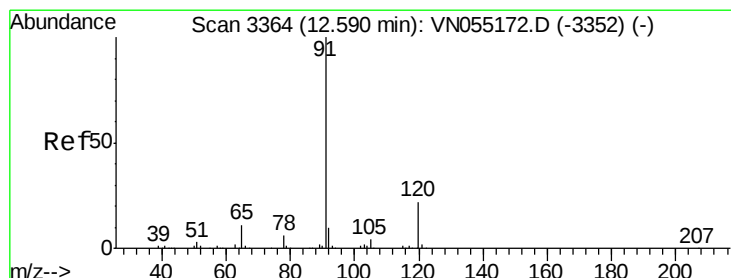
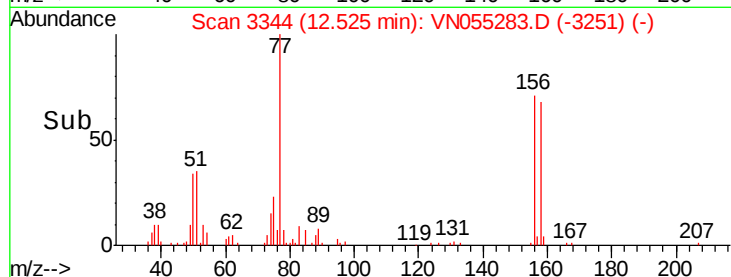
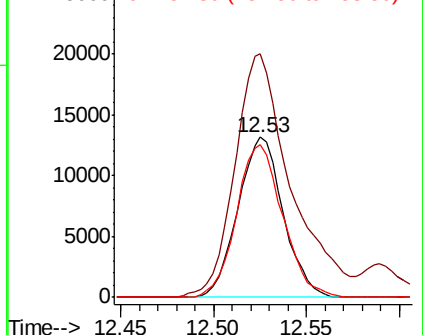
158 97.6 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.754 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055283.D

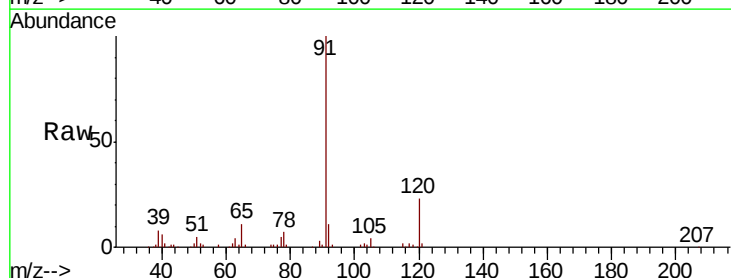
Acq: 29 Apr 2019 10:16

Tgt Ion: 91 Resp: 98398

Ion Ratio Lower Upper

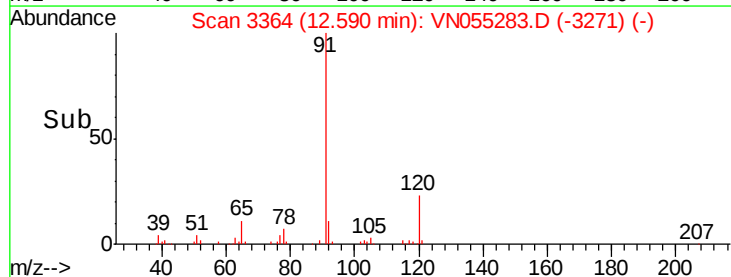
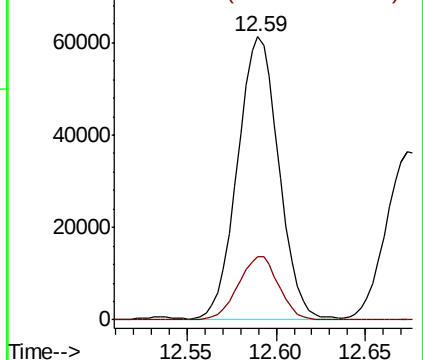
91 100

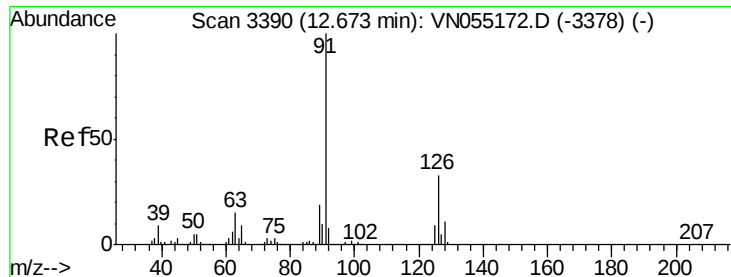
120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.790 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

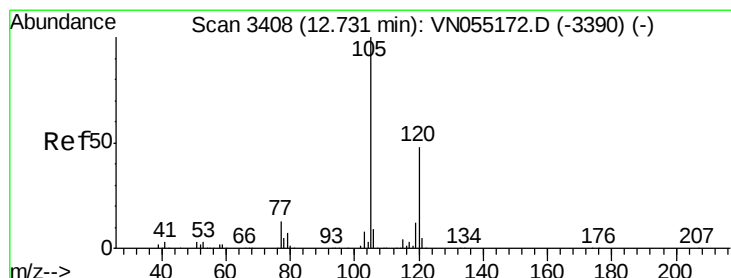
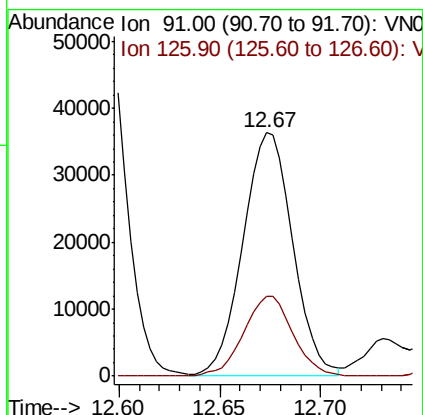
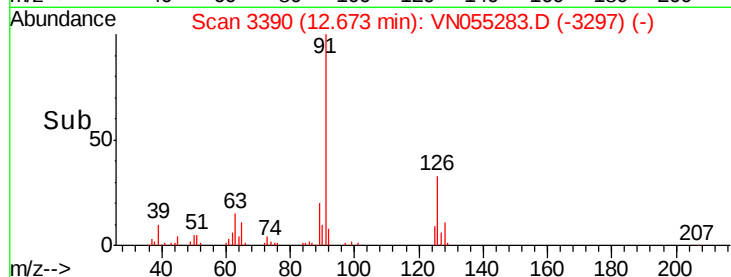
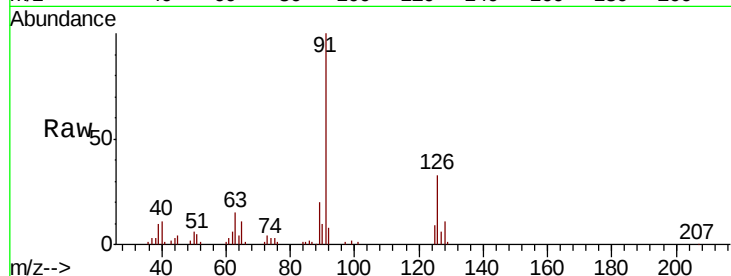
VSTDIC005

Tgt Ion: 91 Resp: 62523

Ion Ratio Lower Upper

91 100

126 32.7 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 5.848 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055283.D

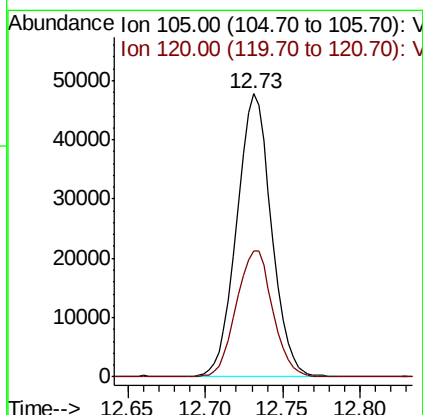
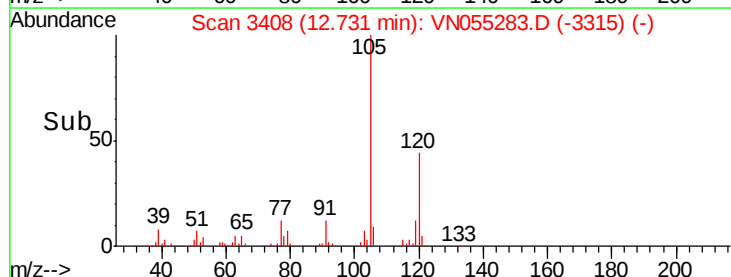
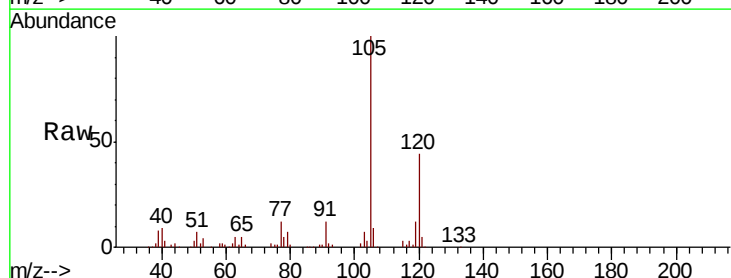
Acq: 29 Apr 2019 10:16

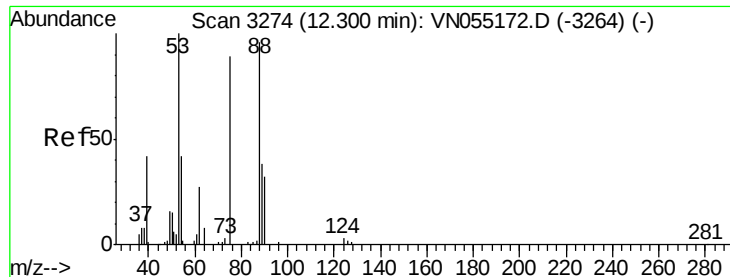
Tgt Ion: 105 Resp: 74542

Ion Ratio Lower Upper

105 100

120 46.6 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 5.489 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

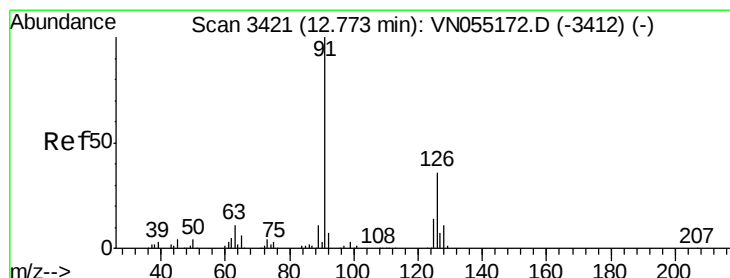
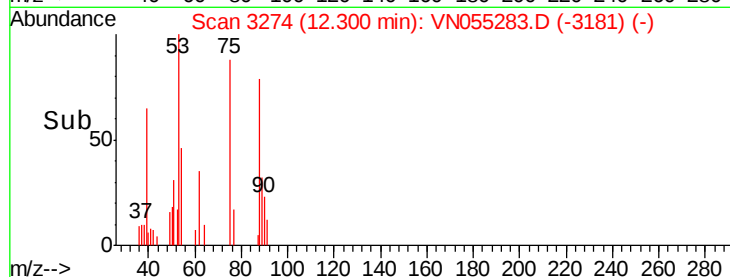
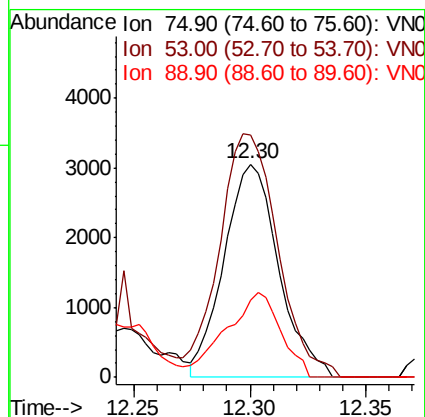
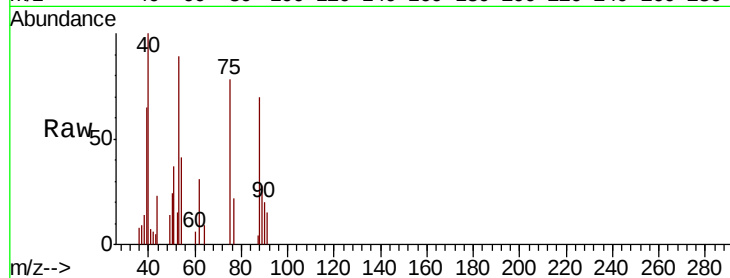
Tgt Ion: 75 Resp: 5010

Ion Ratio Lower Upper

75 100

53 121.7 86.3 129.5

89 39.9 34.6 51.8



#82

4-Chlorotoluene

Concen: 5.557 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN055283.D

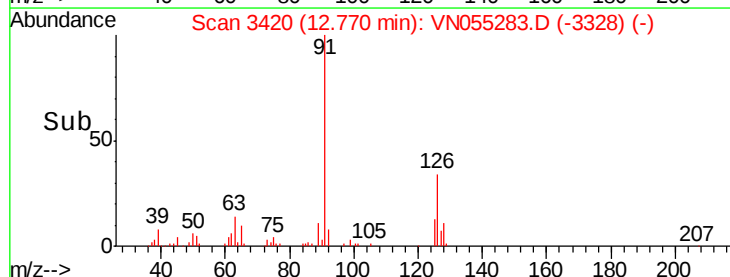
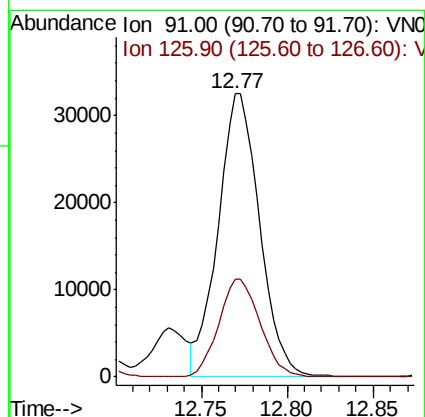
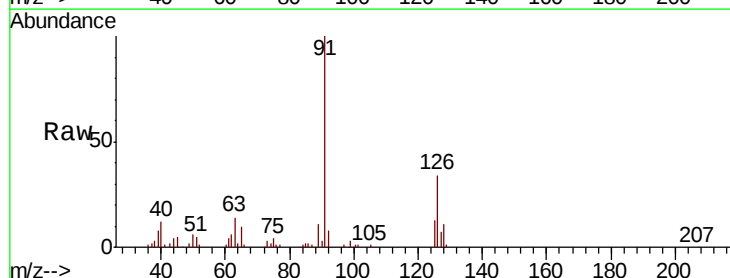
Acq: 29 Apr 2019 10:16

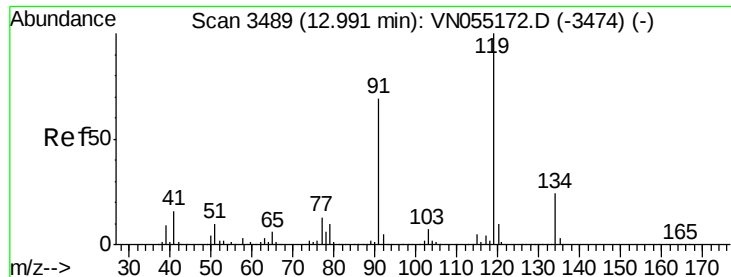
Tgt Ion: 91 Resp: 54974

Ion Ratio Lower Upper

91 100

126 34.2 16.6 49.7

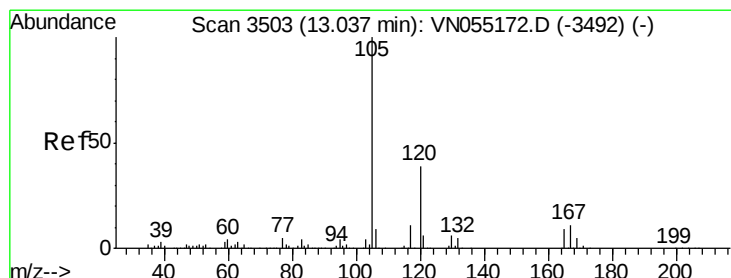
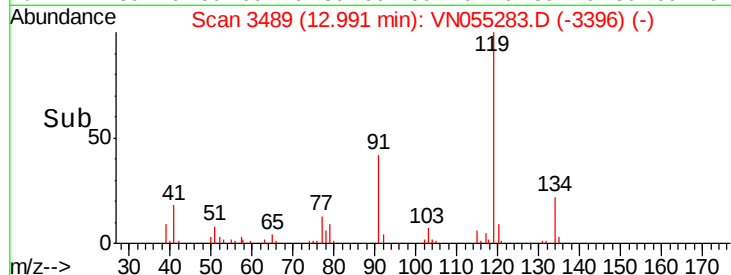
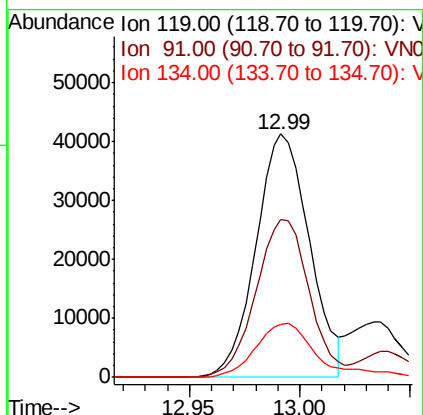
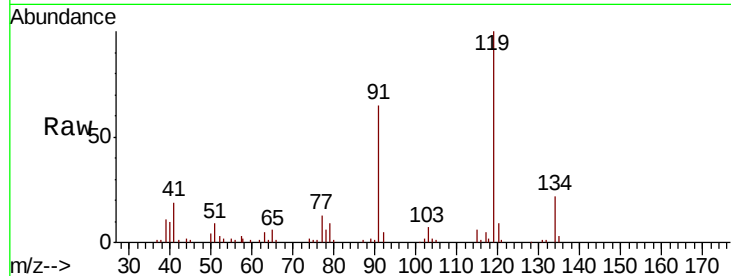




#83
 tert-Butylbenzene
 Concen: 6.064 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055283.D
 Acq: 29 Apr 2019 10:16

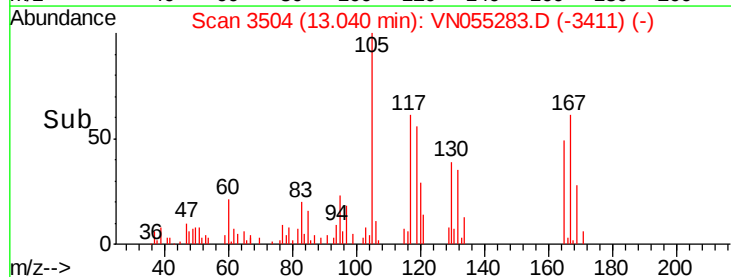
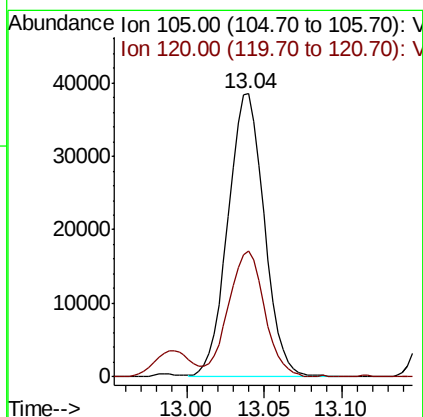
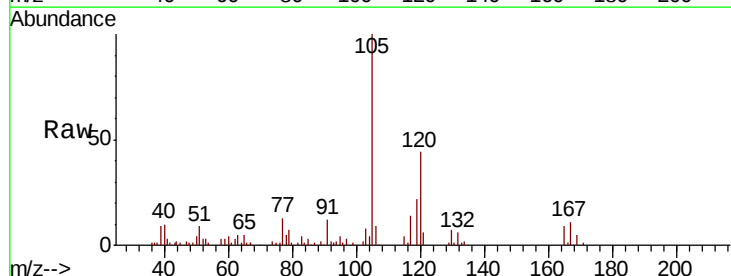
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

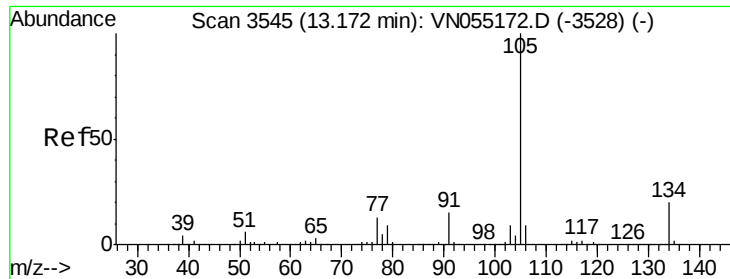
Tgt Ion:119 Resp: 69194
 Ion Ratio Lower Upper
 119 100
 91 64.5 34.3 102.9
 134 25.4 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 5.218 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055283.D
 Acq: 29 Apr 2019 10:16

Tgt Ion:105 Resp: 62689
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.1 66.5

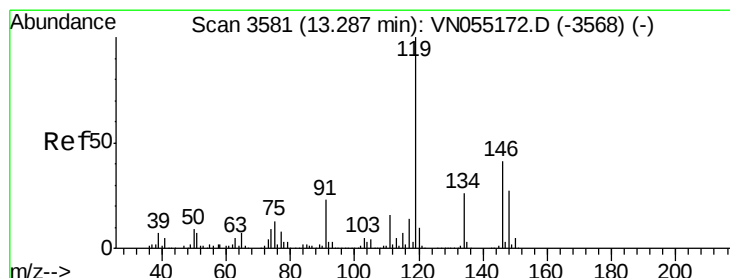
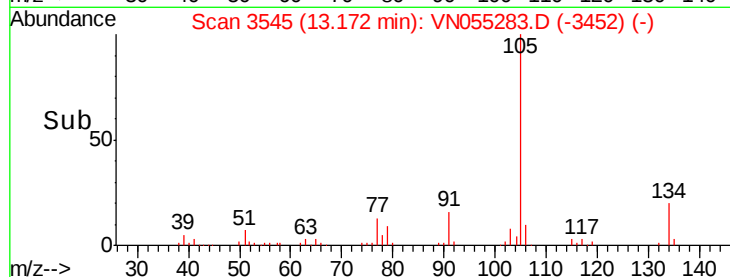
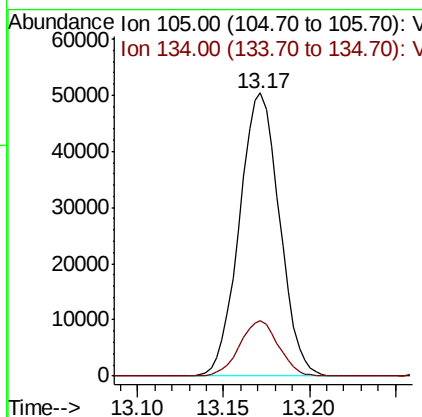
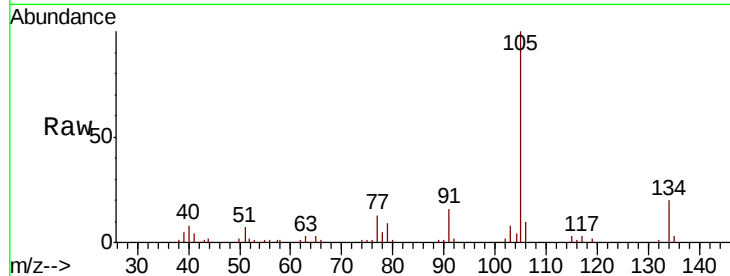




#85
 sec-Butylbenzene
 Concen: 5.648 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055283.D
 Acq: 29 Apr 2019 10:16

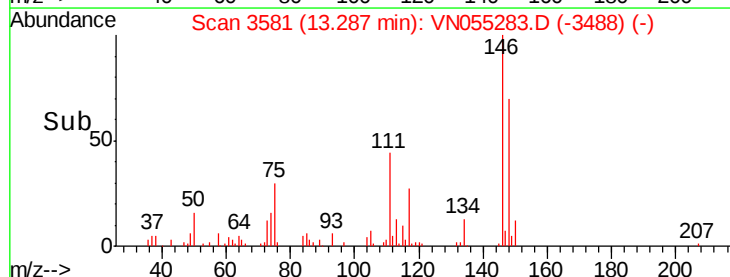
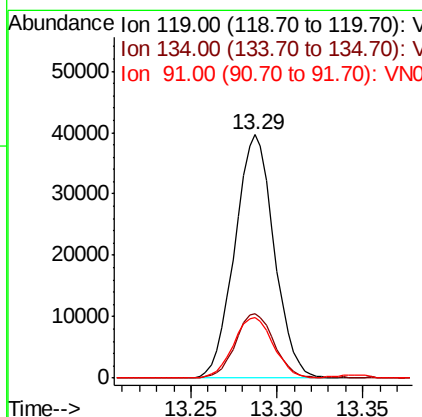
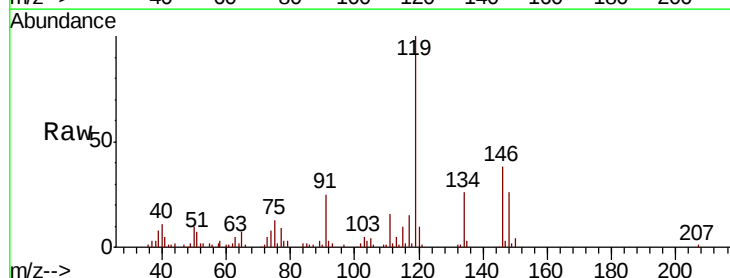
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

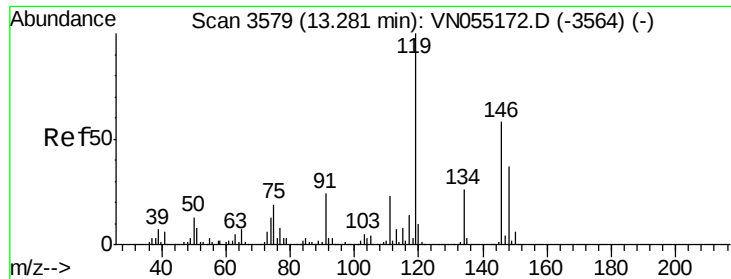
Tgt Ion:105 Resp: 81533
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 5.280 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055283.D
 Acq: 29 Apr 2019 10:16

Tgt Ion:119 Resp: 62703
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 38.9
 91 25.4 12.2 36.6

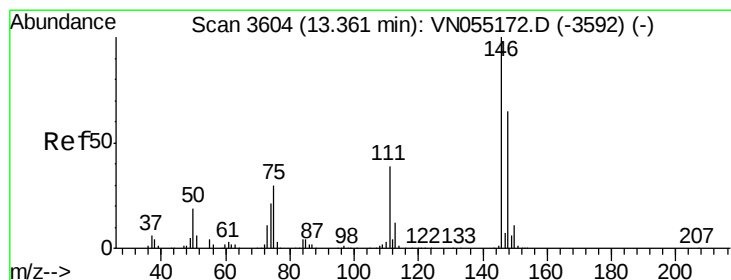
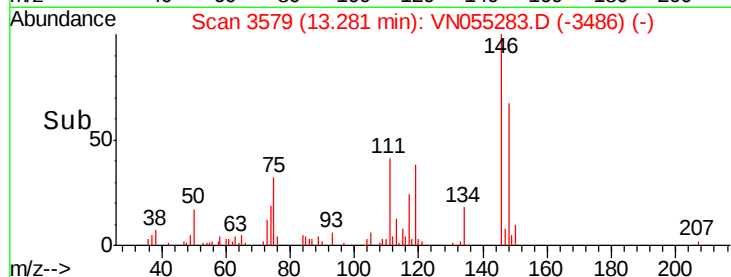
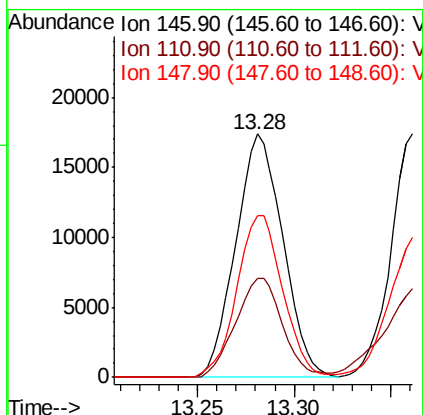
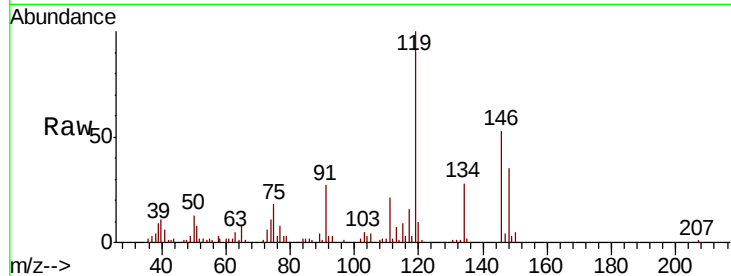




#87
 1,3-Dichlorobenzene
 Concen: 5.148 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055283.D
 Acq: 29 Apr 2019 10:16

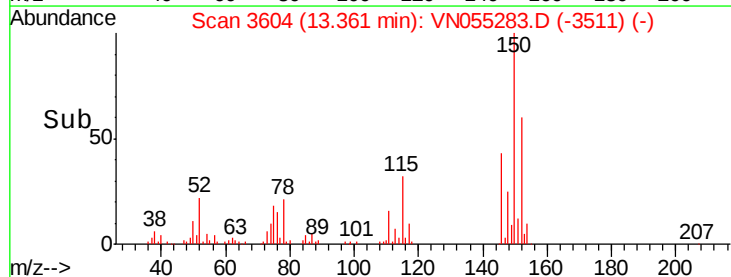
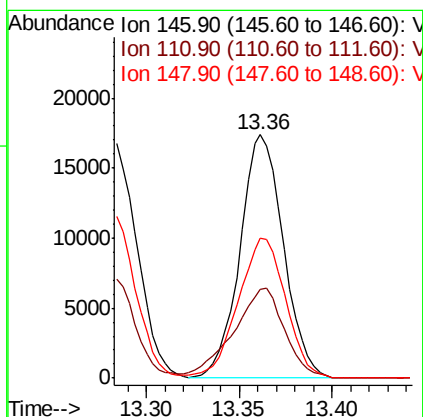
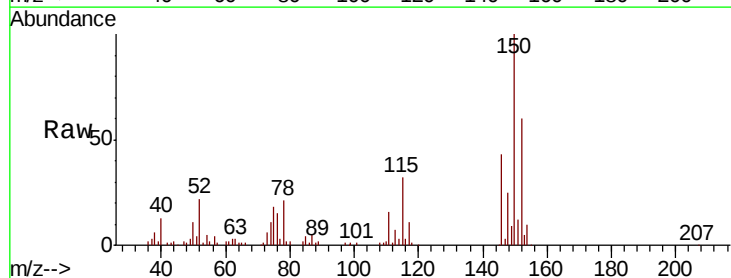
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

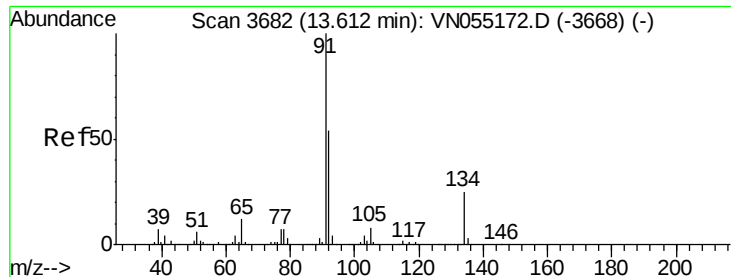
Tgt Ion:146 Resp: 29463
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.3 60.8
 148 64.7 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 5.090 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055283.D
 Acq: 29 Apr 2019 10:16

Tgt Ion:146 Resp: 28403
 Ion Ratio Lower Upper
 146 100
 111 43.6 19.5 58.5
 148 63.1 32.5 97.4





#89

n-Butylbenzene

Concen: 4.689 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

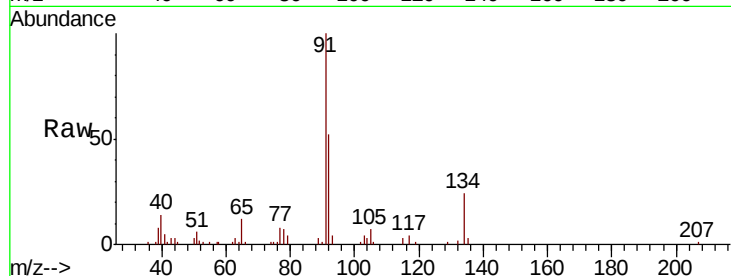
Tgt Ion: 91 Resp: 41012

Ion Ratio Lower Upper

91 100

92 52.4 26.1 78.3

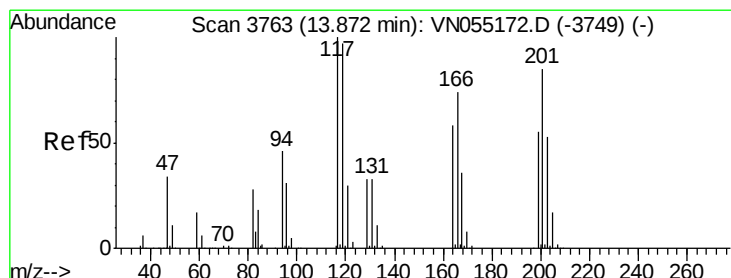
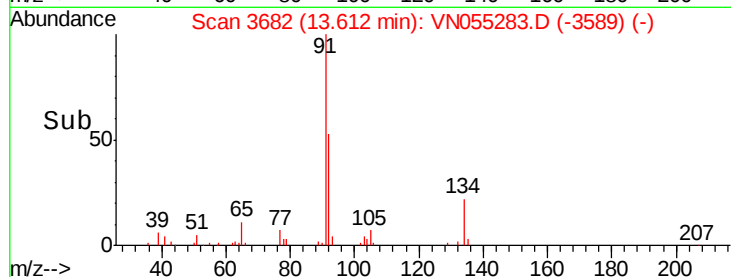
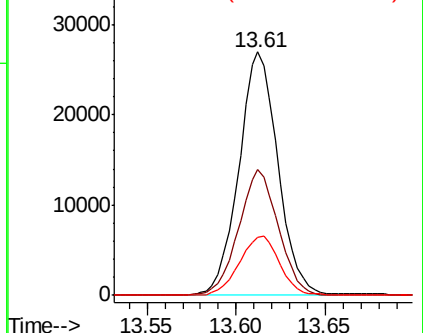
134 25.0 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN055283.D (-3589) (-)

Ion 92.00 (91.70 to 92.70): VN055283.D (-3589) (-)

Ion 134.00 (133.70 to 134.70): VN055283.D (-3589) (-)



#90

Hexachloroethane

Concen: 5.705 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN055283.D

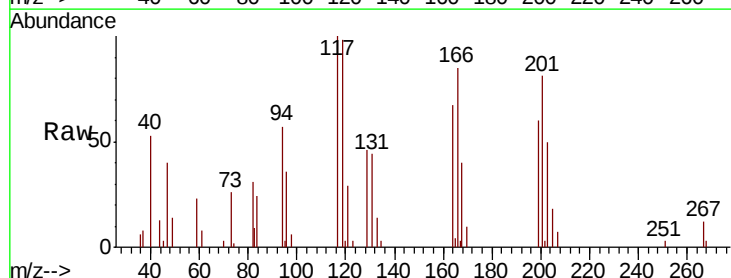
Acq: 29 Apr 2019 10:16

Tgt Ion: 117 Resp: 12082

Ion Ratio Lower Upper

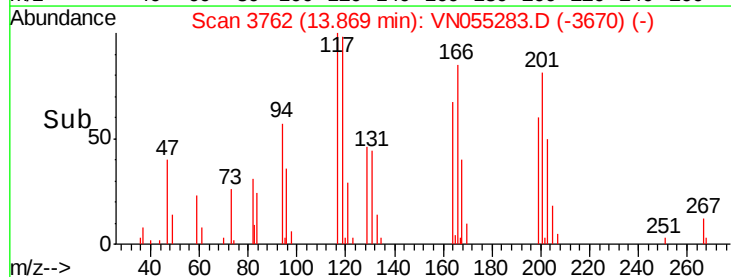
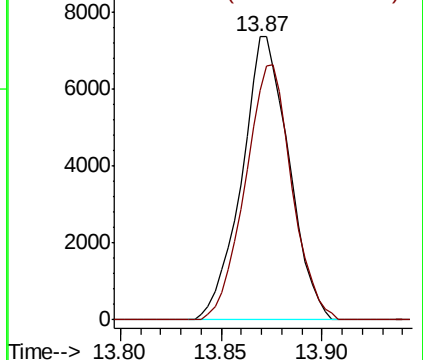
117 100

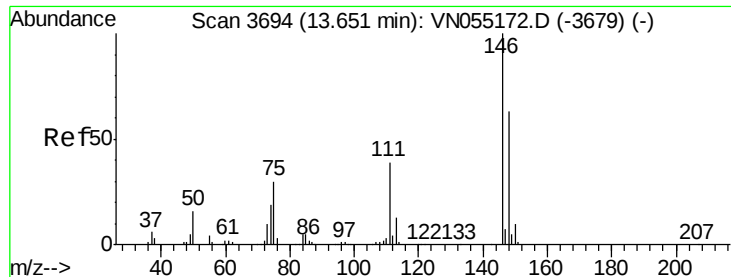
201 88.7 41.9 125.8



Abundance Ion 116.80 (116.50 to 117.50): VN055283.D (-3670) (-)

Ion 200.70 (200.40 to 201.40): VN055283.D (-3670) (-)

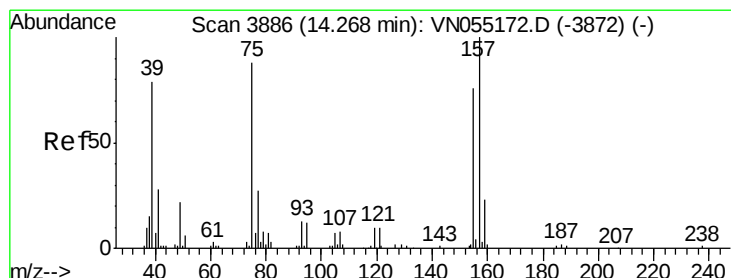
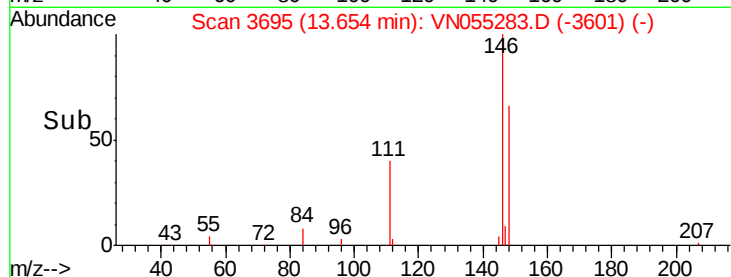
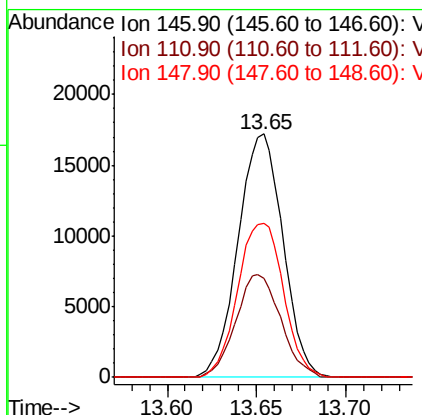
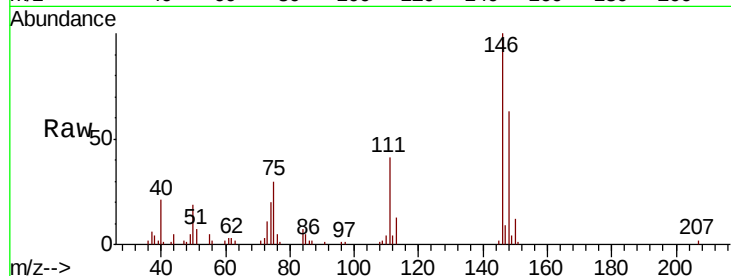




#91
 1,2-Dichlorobenzene
 Concen: 5.153 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN055283.D
 Acq: 29 Apr 2019 10:16

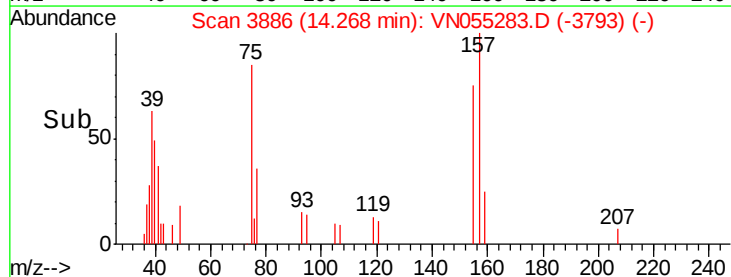
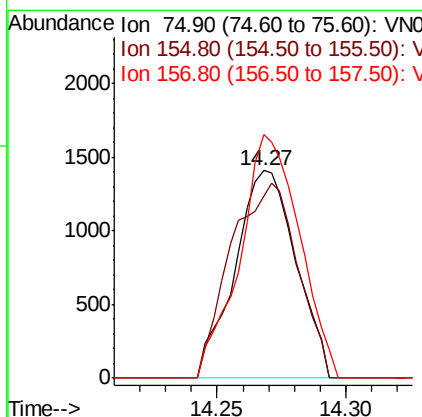
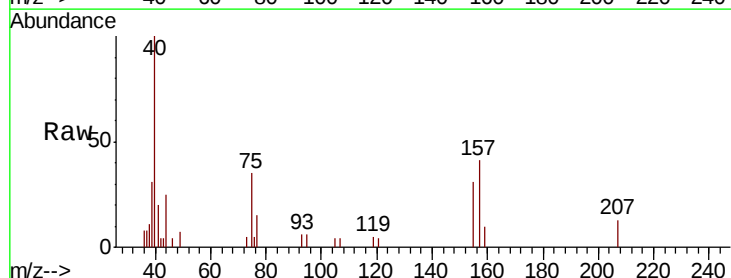
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

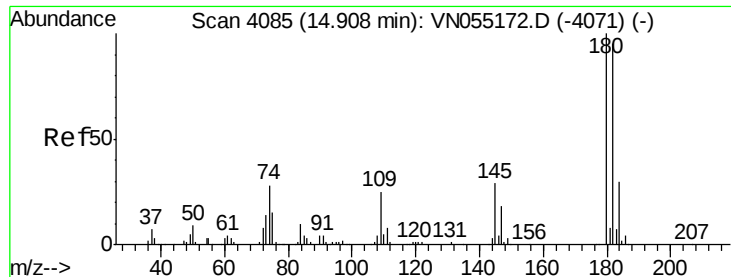
Tgt Ion: 146 Resp: 30245
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.3 61.0
 148 64.6 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.506 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055283.D
 Acq: 29 Apr 2019 10:16

Tgt Ion: 75 Resp: 2323
 Ion Ratio Lower Upper
 75 100
 155 103.2 41.5 124.6
 157 114.8 54.0 162.2

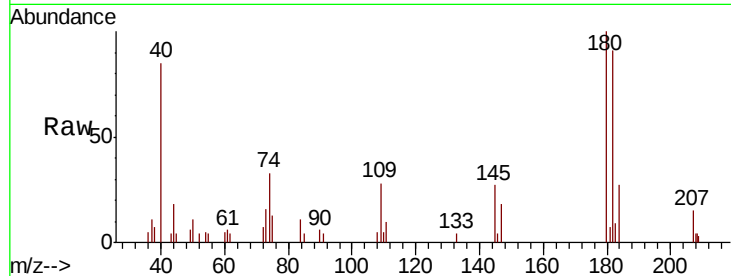




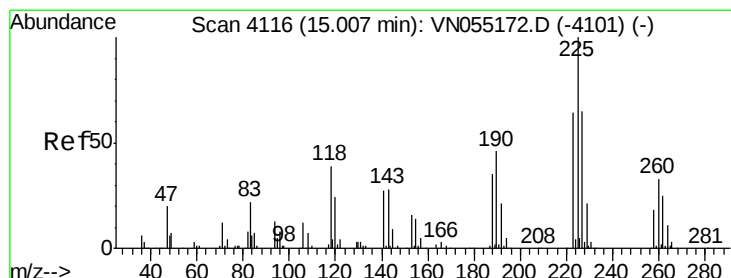
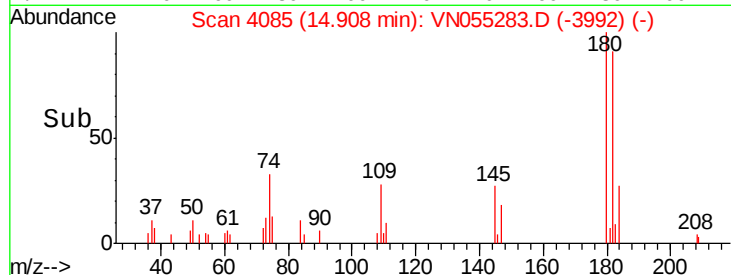
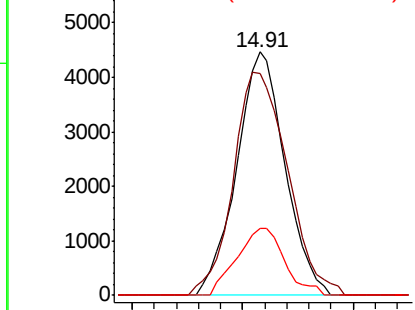
#93
 1,2,4-Trichlorobenzene
 Concen: 3.320 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055283.D
 Acq: 29 Apr 2019 10:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 6776
 Ion Ratio Lower Upper
 180 100
 182 103.0 48.3 144.9
 145 27.2 14.2 42.6

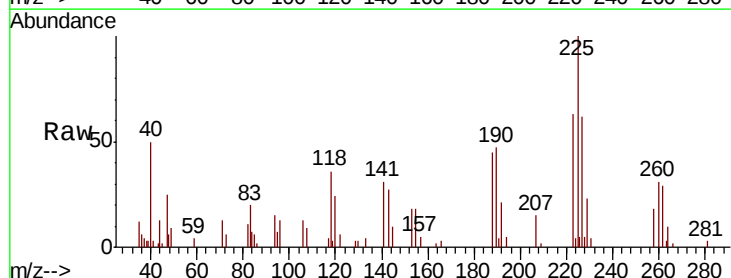


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

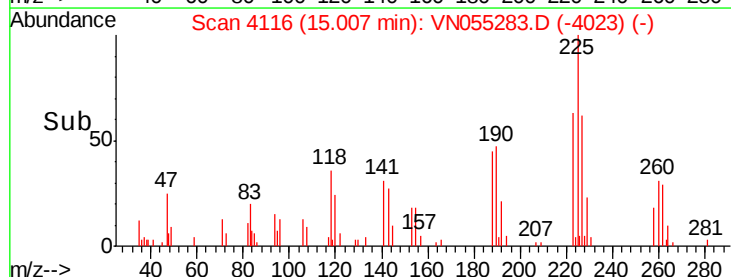
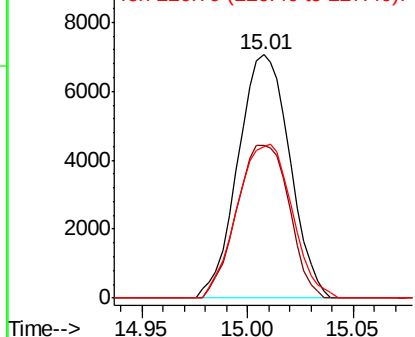


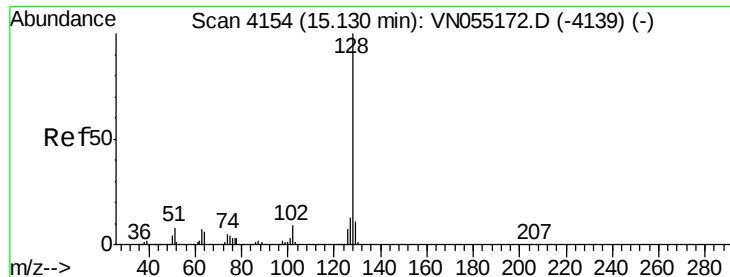
#94
 Hexachlorobutadiene
 Concen: 5.672 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055283.D
 Acq: 29 Apr 2019 10:16

Tgt Ion:225 Resp: 12032
 Ion Ratio Lower Upper
 225 100
 223 63.6 30.3 90.8
 227 67.2 30.9 92.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 3.511 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

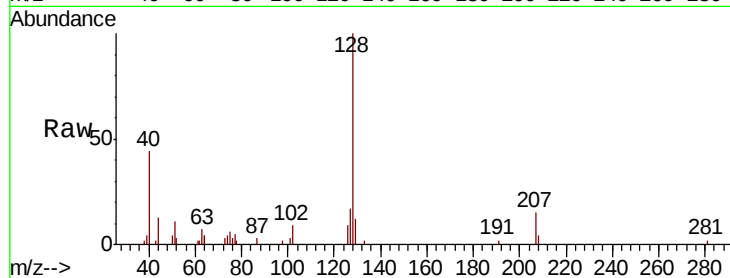
Tgt Ion:128 Resp: 15091

Ion Ratio Lower Upper

128 100

127 14.2 10.7 16.1

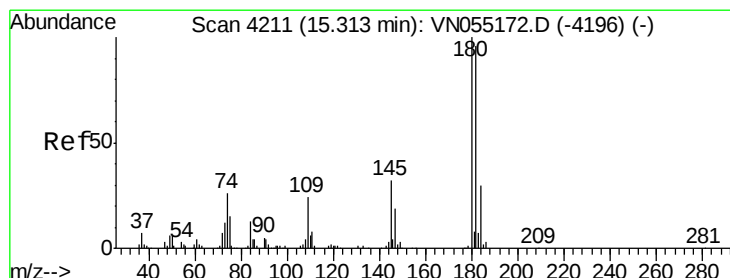
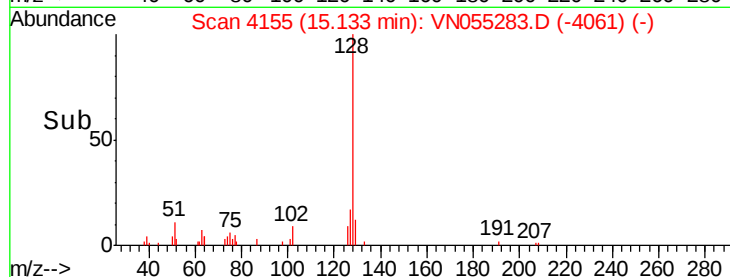
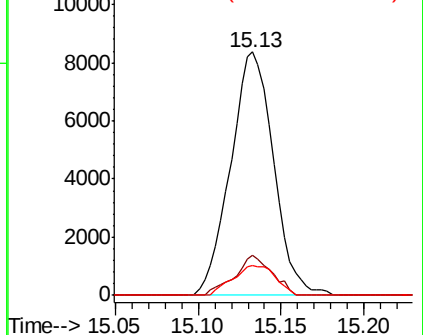
129 12.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.358 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055283.D

Acq: 29 Apr 2019 10:16

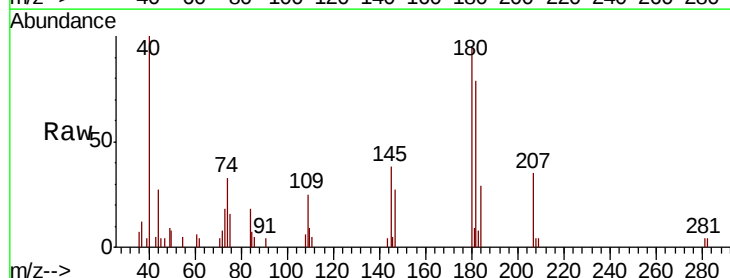
Tgt Ion:180 Resp: 7116

Ion Ratio Lower Upper

180 100

182 88.8 48.3 144.9

145 37.8 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

