

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042919\
 Data File : VN055296.D
 Acq On : 29 Apr 2019 16:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 30 04:32:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 04:20:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	431901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	689248	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	607563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	251933	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	270226	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
35) Dibromofluoromethane	7.59	113	220905	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
50) Toluene-d8	10.09	98	810874	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.40	95	281345	55.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.22%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	262592	49.623	ug/l	99
3) Chloromethane	2.06	50	302266	46.130	ug/l	99
4) Vinyl Chloride	2.19	62	240670	45.565	ug/l	99
5) Bromomethane	2.56	94	130566	46.668	ug/l	99
6) Chloroethane	2.70	64	129097	45.118	ug/l	99
7) Trichlorofluoromethane	3.02	101	343328	45.713	ug/l	99
8) Diethyl Ether	3.41	74	121497	46.237	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	212882	47.599	ug/l	99
10) Methyl Iodide	3.95	142	309296	49.140	ug/l	99
11) Tert butyl alcohol	4.79	59	83428	257.898	ug/l #	88
12) 1,1-Dichloroethene	3.74	96	196099	45.963	ug/l	96
13) Acrolein	3.61	56	59121	234.017	ug/l	96
14) Allyl chloride	4.33	41	420944	47.638	ug/l	99
15) Acrylonitrile	4.99	53	427463	235.087	ug/l	100
16) Acetone	3.82	43	407366	231.386	ug/l	100
17) Carbon Disulfide	4.06	76	515962	46.340	ug/l	98
18) Methyl Acetate	4.33	43	208194	48.514	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	587222	48.959	ug/l	100
20) Methylene Chloride	4.55	84	235172	43.763	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	211182	46.737	ug/l	98
22) Diisopropyl ether	5.95	45	852927	48.581	ug/l	98
23) Vinyl Acetate	5.90	43	2942249	255.699	ug/l	100
24) 1,1-Dichloroethane	5.85	63	437973	46.820	ug/l	99
25) 2-Butanone	6.83	43	561721	249.487	ug/l	100
26) 2,2-Dichloropropane	6.82	77	316272	48.961	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	248407	48.343	ug/l	99
28) Bromochloromethane	7.19	49	223393	47.377	ug/l	98
29) Tetrahydrofuran	7.21	42	347320	240.910	ug/l	100
30) Chloroform	7.37	83	414901	46.788	ug/l	100
31) Cyclohexane	7.65	56	400657	45.080	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	338406	47.021	ug/l	99
36) 1,1-Dichloropropene	7.79	75	308184	46.681	ug/l	99
37) Ethyl Acetate	6.92	43	233406	46.129	ug/l	99
38) Carbon Tetrachloride	7.77	117	285379	44.811	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042919\
 Data File : VN055296.D
 Acq On : 29 Apr 2019 16:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 30 04:32:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 04:20:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	333845	47.561	ug/l	98
40) Benzene	8.04	78	931840	47.880	ug/l	98
41) Methacrylonitrile	7.17	41	123980	45.344	ug/l	95
42) 1,2-Dichloroethane	8.12	62	314253	45.590	ug/l	99
43) Isopropyl Acetate	8.16	43	420595	51.725	ug/l	99
44) Trichloroethene	8.83	130	232152	46.791	ug/l	100
45) 1,2-Dichloropropane	9.12	63	260201	46.355	ug/l	99
46) Dibromomethane	9.21	93	145053	47.276	ug/l	98
47) Bromodichloromethane	9.40	83	310995	47.248	ug/l	98
48) Methyl methacrylate	9.20	41	189094	47.304	ug/l	96
49) 1,4-Dioxane	9.20	88	43958	1063.771	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1168948	255.333	ug/l	99
52) Toluene	10.16	92	542855	48.613	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	304012	53.205	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	370011	51.937	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	192249	46.362	ug/l	97
56) Ethyl methacrylate	10.43	69	279896	54.840	ug/l	96
57) 1,3-Dichloropropane	10.71	76	352659	48.479	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	485999	304.000	ug/l	99
59) 2-Hexanone	10.75	43	770015	268.816	ug/l	99
60) Dibromochloromethane	10.90	129	216162	51.005	ug/l	99
61) 1,2-Dibromoethane	11.00	107	191239	49.896	ug/l	99
64) Tetrachloroethene	10.63	164	212810	42.832	ug/l	98
65) Chlorobenzene	11.43	112	559480	47.099	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	211684	45.511	ug/l	99
67) Ethyl Benzene	11.51	91	1042042	48.579	ug/l	99
68) m/p-Xylenes	11.62	106	759717	99.224	ug/l	98
69) o-Xylene	11.95	106	368466	48.553	ug/l	99
70) Styrene	11.96	104	618447	53.076	ug/l	99
71) Bromoform	12.13	173	127860	49.540	ug/l #	99
73) Isopropylbenzene	12.25	105	980119	48.818	ug/l	100
74) N-amyl acetate	12.07	43	372715	57.646	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	241424	48.255	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	289014	62.339	ug/l #	100
77) Bromobenzene	12.53	156	238703	49.653	ug/l	98
78) n-propylbenzene	12.59	91	1115901	43.120	ug/l	100
79) 2-Chlorotoluene	12.67	91	675441	49.440	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	816677	41.349	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	59555	44.798	ug/l	99
82) 4-Chlorotoluene	12.77	91	663559	44.100	ug/l	99
83) tert-Butylbenzene	12.99	119	675882	48.245	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	797380	45.141	ug/l	100
85) sec-Butylbenzene	13.17	105	887353	41.335	ug/l	99
86) p-Isopropyltoluene	13.29	119	788140	44.669	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	396129	46.989	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	385203	48.520	ug/l	99
89) n-Butylbenzene	13.61	91	653253	52.103	ug/l	99
90) Hexachloroethane	13.87	117	127305	45.424	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	381410	45.648	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33424	50.429	ug/l	99

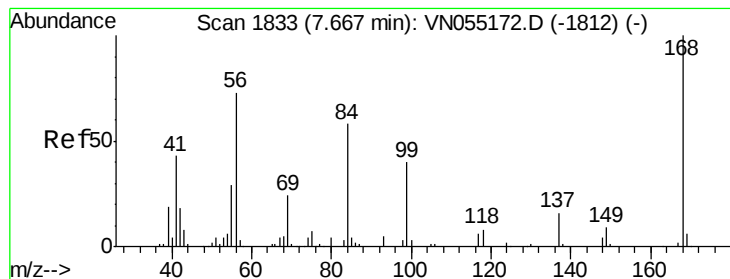
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042919\
Data File : VN055296.D
Acq On : 29 Apr 2019 16:31
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 30 04:32:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 04:20:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	159631	48.563	ug/l	99
94) Hexachlorobutadiene	15.01	225	131907	52.610	ug/l	99
95) Naphthalene	15.13	128	317467	45.646	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	158425	48.897	ug/l	98

(#) = 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: VN055296.D

Acq: 29 Apr 2019 16:31

Instrument :

MSVOA_N

ClientSampleId :

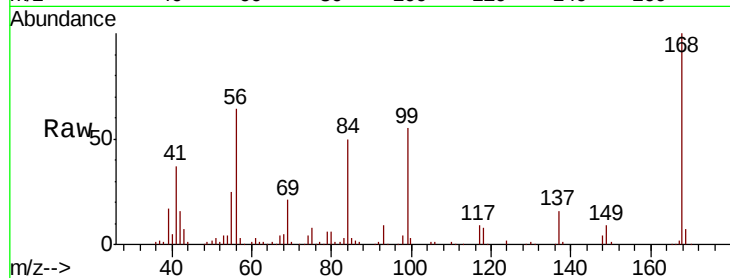
VSTDCCC050EC

Tgt Ion:168 Resp: 431901

Ion Ratio Lower Upper

168 100

99 53.9 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

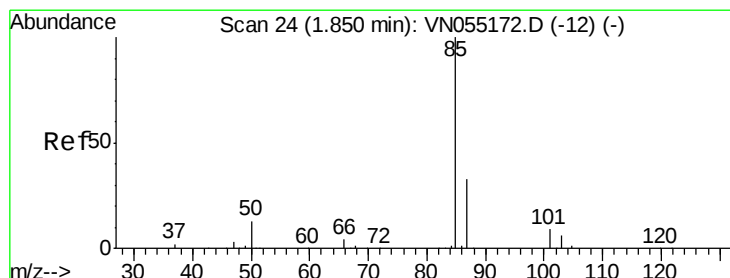
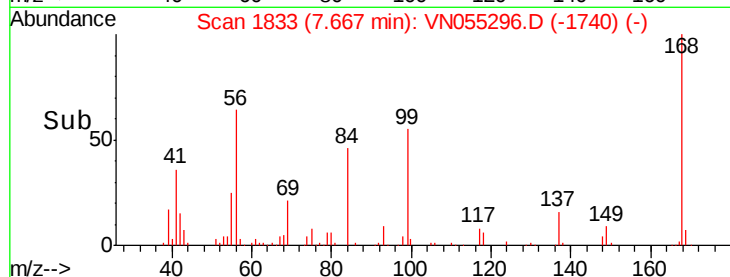
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#2

Dichlorodifluoromethane

Concen: 49.623 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN055296.D

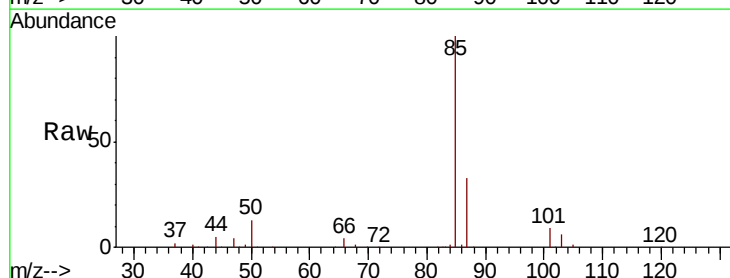
Acq: 29 Apr 2019 16:31

Tgt Ion: 85 Resp: 262592

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

200000

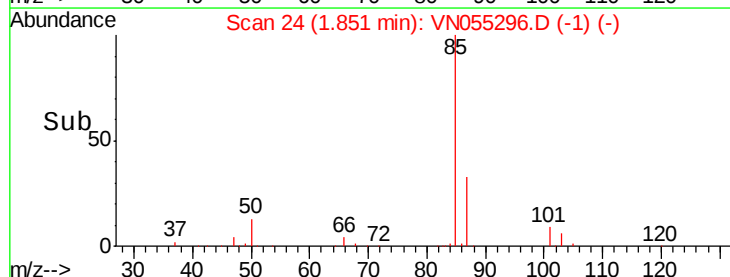
150000

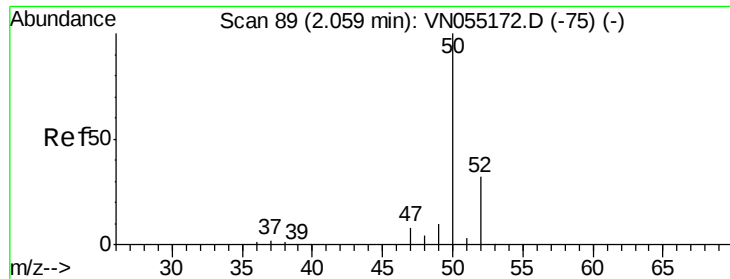
100000

50000

0

Time--> 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 46.130 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

Instrument :

MSVOA_N

ClientSampleId :

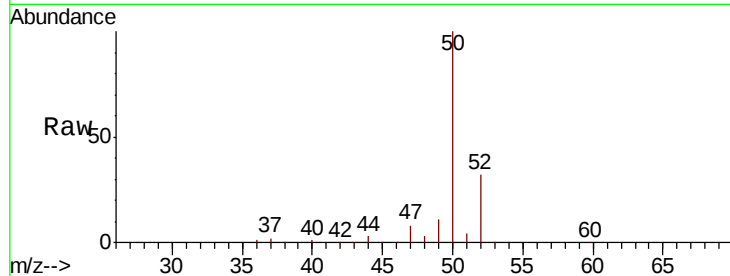
VSTDCCC050EC

Tgt Ion: 50 Resp: 302266

Ion Ratio Lower Upper

50 100

52 31.6 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

200000

150000

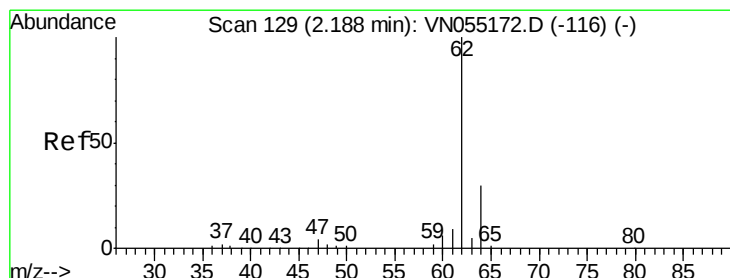
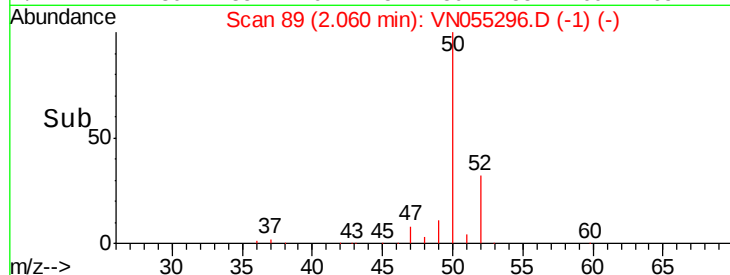
100000

50000

0

Time-->

2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 45.565 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055296.D

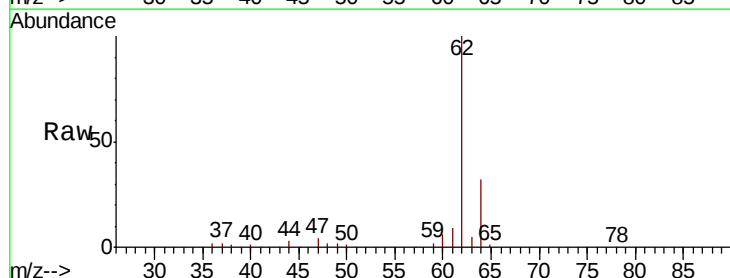
Acq: 29 Apr 2019 16:31

Tgt Ion: 62 Resp: 240670

Ion Ratio Lower Upper

62 100

64 31.6 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.19

150000

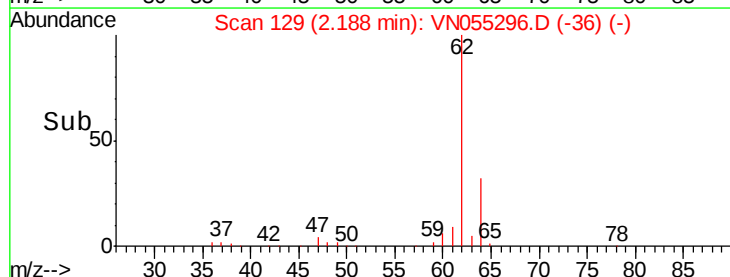
100000

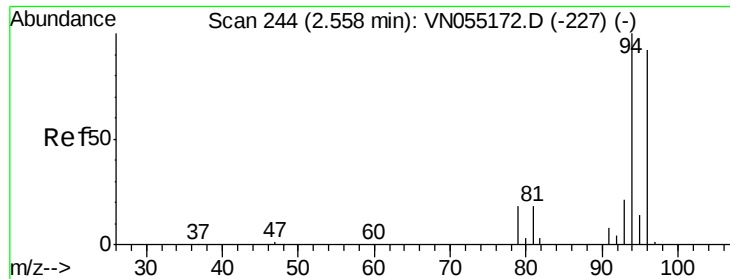
50000

0

Time-->

2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 46.668 ug/l

RT: 2.56 min Scan# 244

Delta R.T. 0.00 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

Instrument :

MSVOA_N

ClientSampleId :

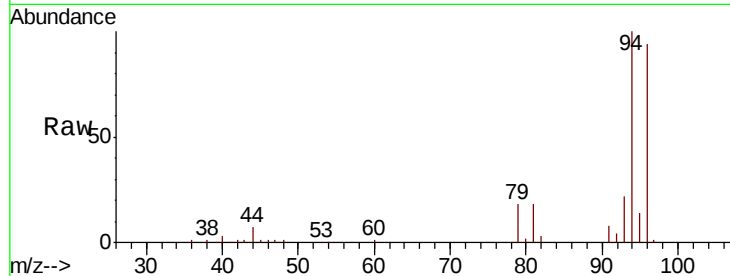
VSTDCCC050EC

Tgt Ion: 94 Resp: 130566

Ion Ratio Lower Upper

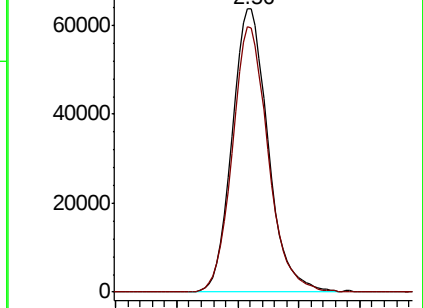
94 100

96 93.9 76.0 114.0

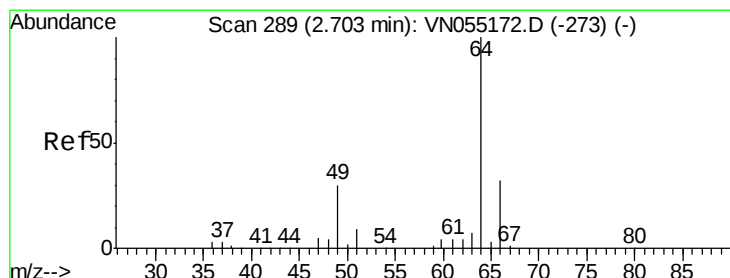
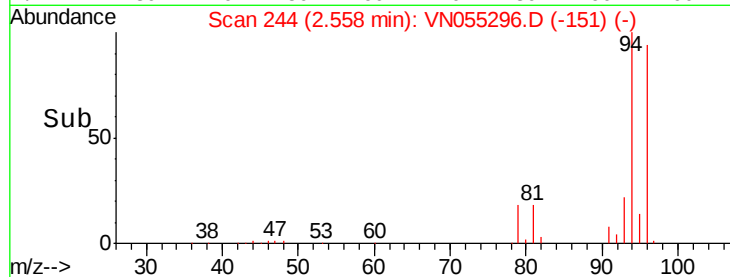


Abundance Ion 93.90 (93.60 to 94.60): VN055172.D (-227) (-)

Ion 95.90 (95.60 to 96.60): VN055172.D (-227) (-)



Time-->



#6

Chloroethane

Concen: 45.118 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN055296.D

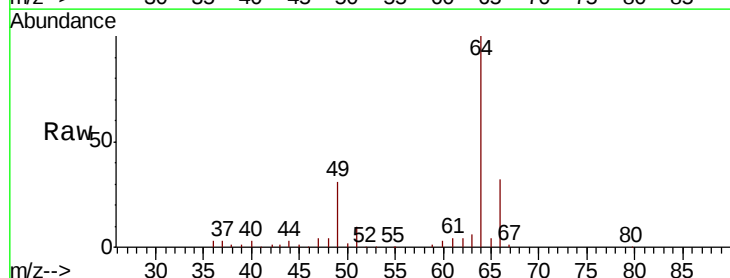
Acq: 29 Apr 2019 16:31

Tgt Ion: 64 Resp: 129097

Ion Ratio Lower Upper

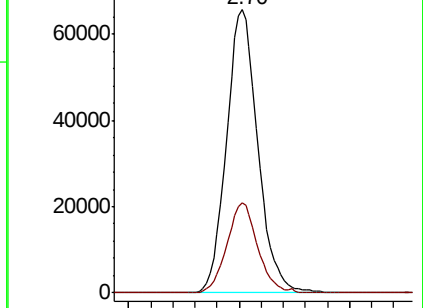
64 100

66 31.7 25.0 37.4

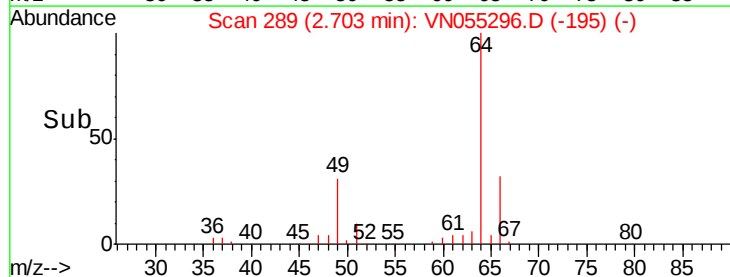


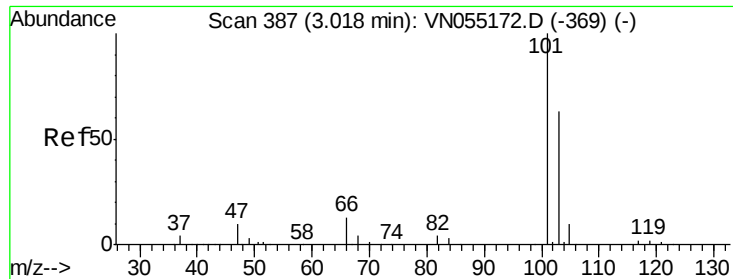
Abundance Ion 63.90 (63.60 to 64.60): VN055172.D (-273) (-)

Ion 65.90 (65.60 to 66.60): VN055172.D (-273) (-)



Time-->



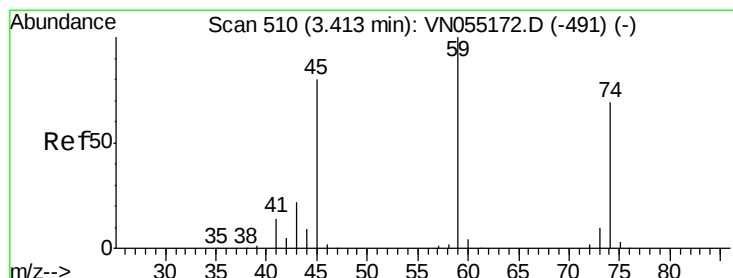
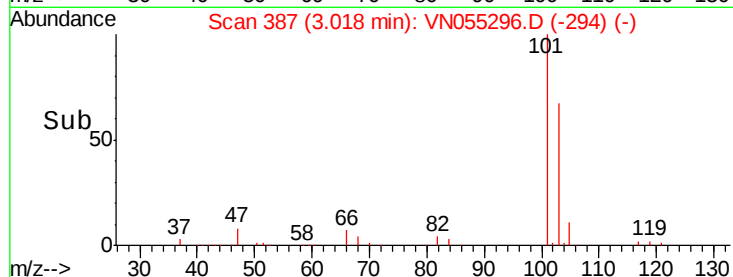
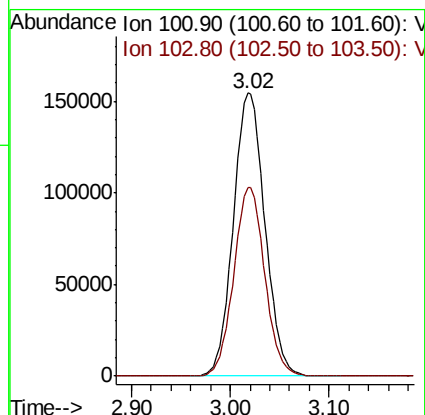
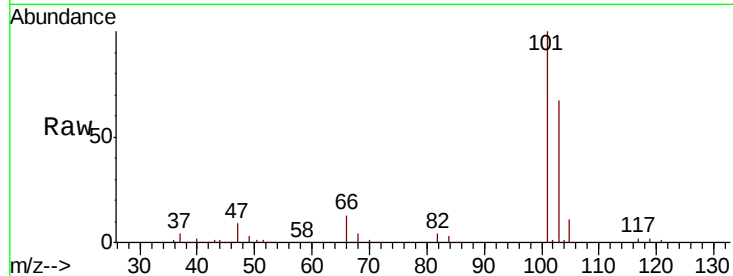


#7

Trichlorofluoromethane
 Concen: 45.713 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

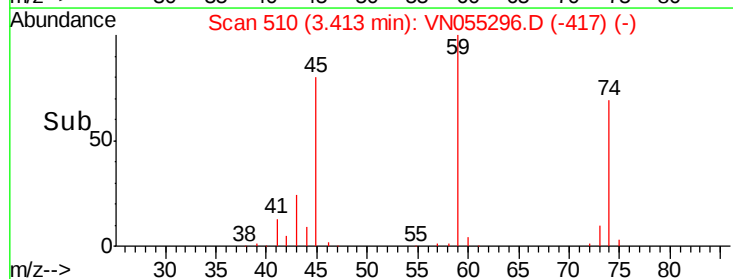
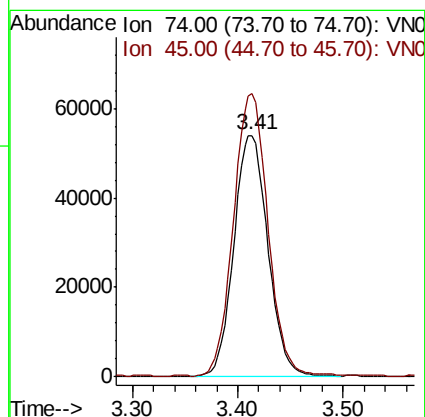
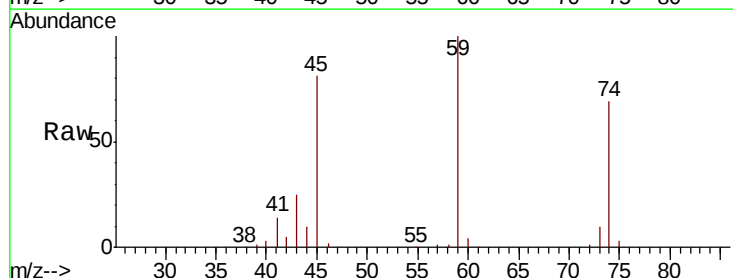
Tgt Ion: 101 Resp: 343328
 Ion Ratio Lower Upper
 101 100
 103 66.6 52.6 79.0

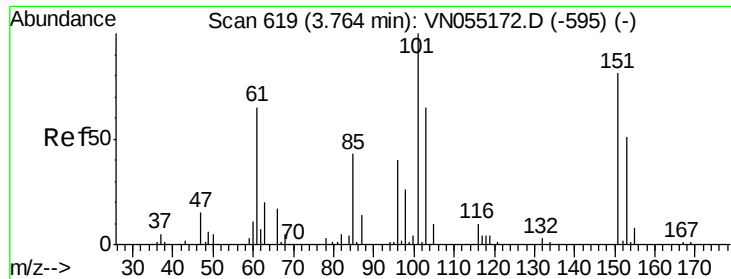


#8

Diethyl Ether
 Concen: 46.237 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

Tgt Ion: 74 Resp: 121497
 Ion Ratio Lower Upper
 74 100
 45 117.5 58.9 176.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.599 ug/l

RT: 3.76 min Scan# 618

Delta R.T. 0.00 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

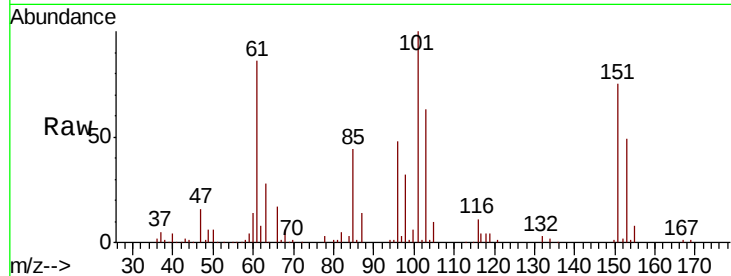
Tgt Ion:101 Resp: 212882

Ion Ratio Lower Upper

101 100

85 45.5 35.7 53.5

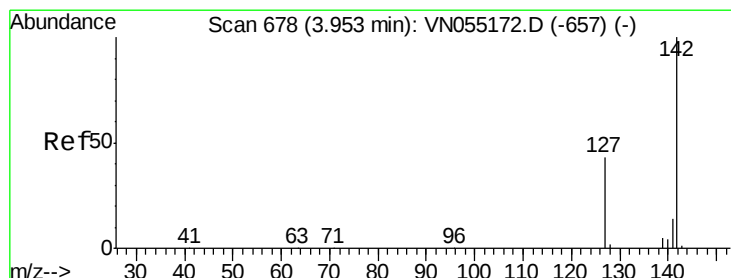
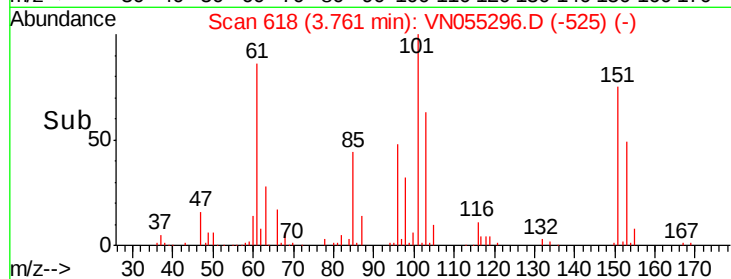
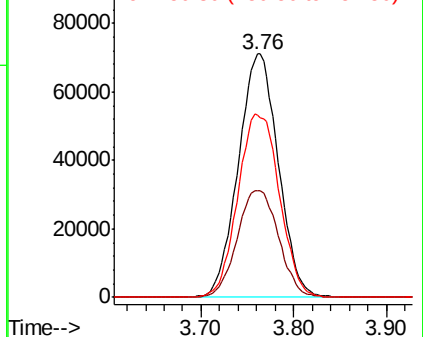
151 78.4 63.3 94.9



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: 49.140 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

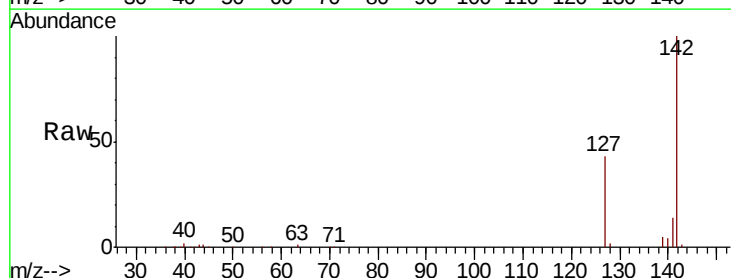
Tgt Ion:142 Resp: 309296

Ion Ratio Lower Upper

142 100

127 42.5 34.4 51.6

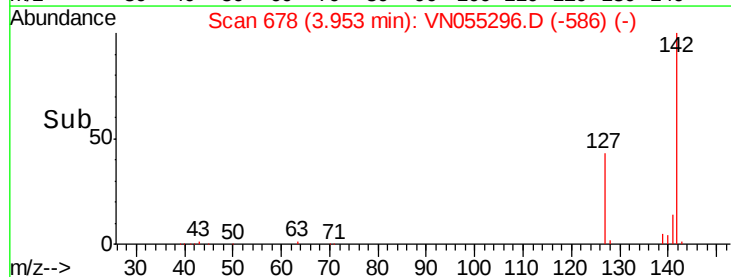
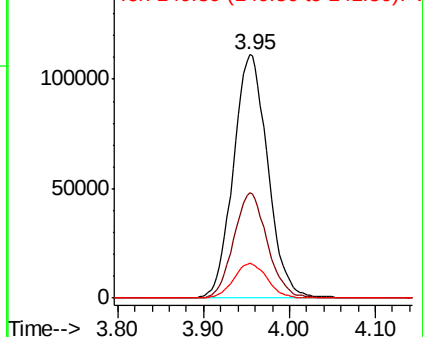
141 14.0 11.5 17.3

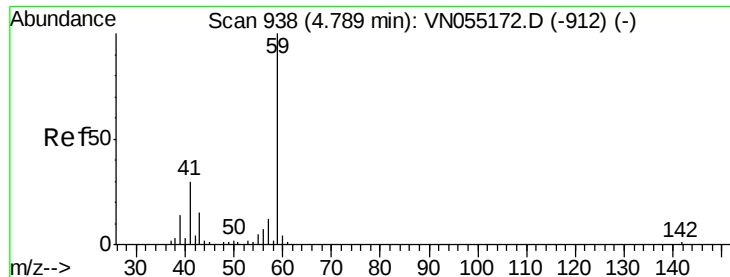


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



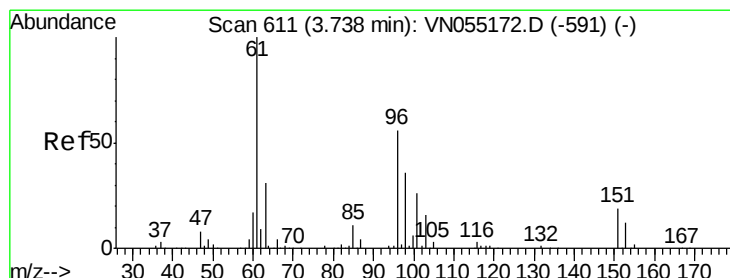
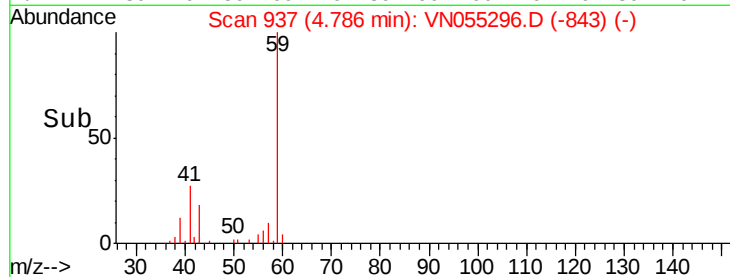
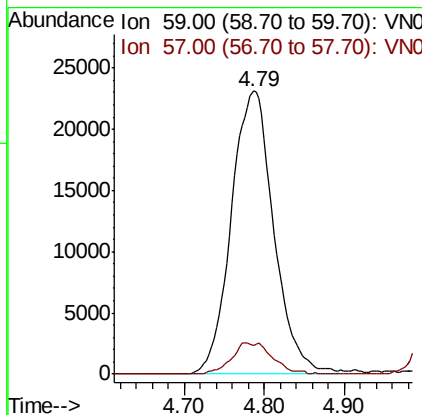
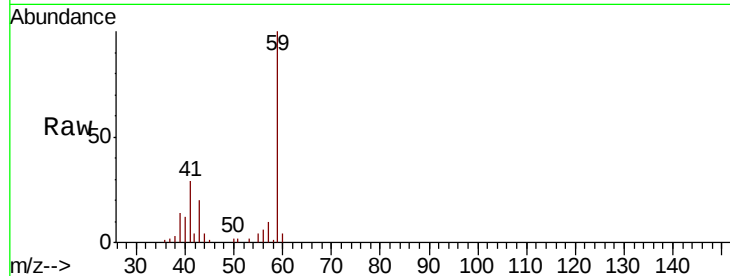


#11

Tert butyl alcohol
Concen: 257.898 ug/l
RT: 4.79 min Scan# 937
Delta R.T. 0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

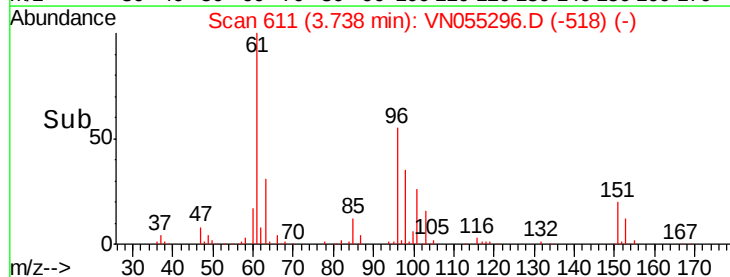
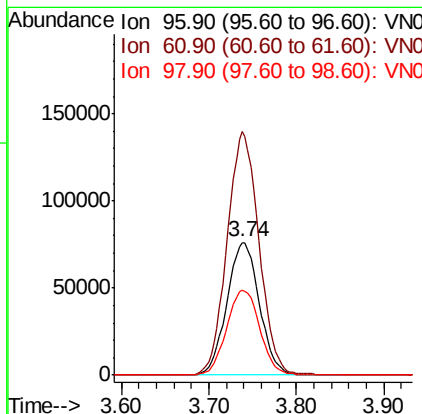
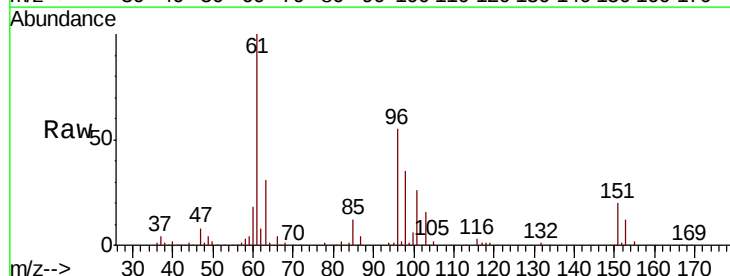
Tgt Ion: 59 Resp: 83428
Ion Ratio Lower Upper
59 100
57 5.6 8.2 12.2#

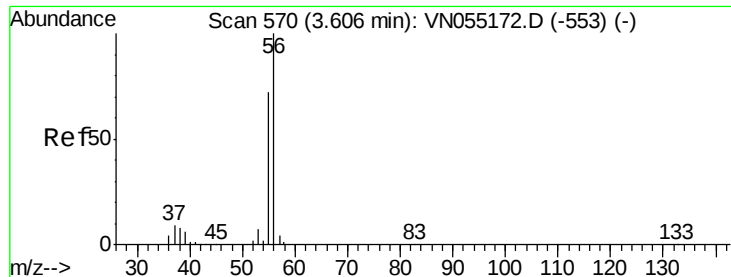


#12

1,1-Dichloroethene
Concen: 45.963 ug/l
RT: 3.74 min Scan# 611
Delta R.T. 0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

Tgt Ion: 96 Resp: 196099
Ion Ratio Lower Upper
96 100
61 183.3 140.9 211.3
98 64.2 50.0 75.0





#13

Acrolein

Concen: 234.017 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.01 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

Instrument :

MSVOA_N

ClientSampleId :

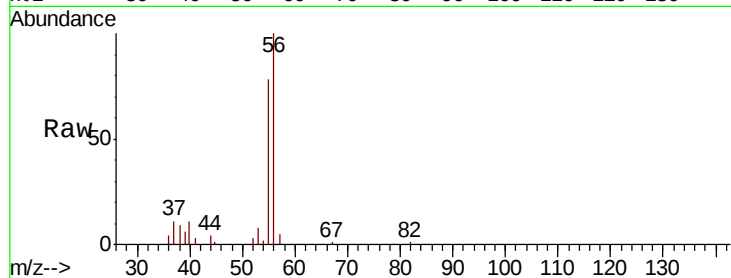
VSTDCCC050EC

Tgt Ion: 56 Resp: 59121

Ion Ratio Lower Upper

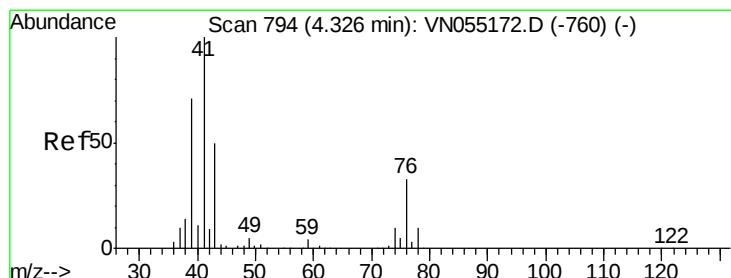
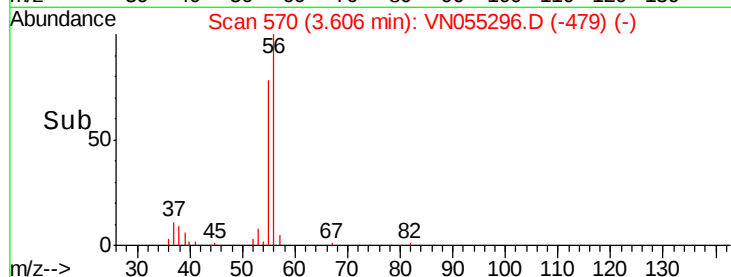
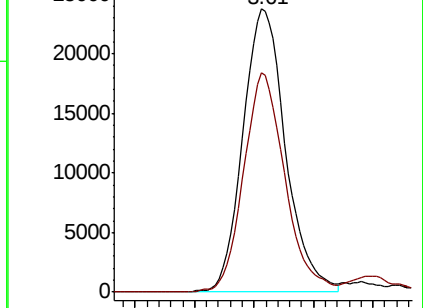
56 100

55 75.0 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VN055172.D (-553) (-)

Ion 55.00 (54.70 to 55.70): VN055172.D (-553) (-)



#14

Allyl chloride

Concen: 47.638 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

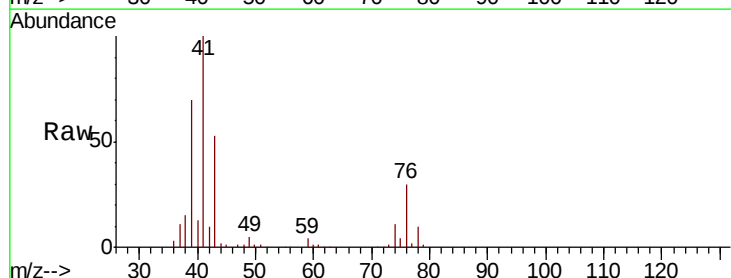
Tgt Ion: 41 Resp: 420944

Ion Ratio Lower Upper

41 100

39 65.7 53.0 79.6

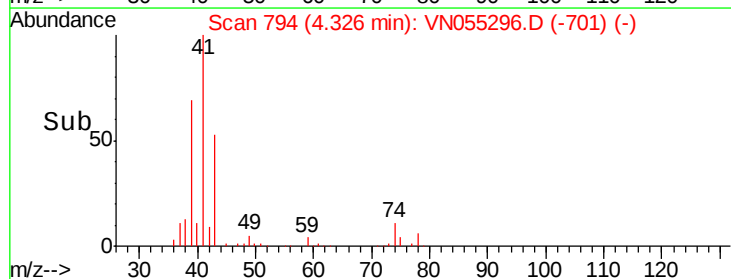
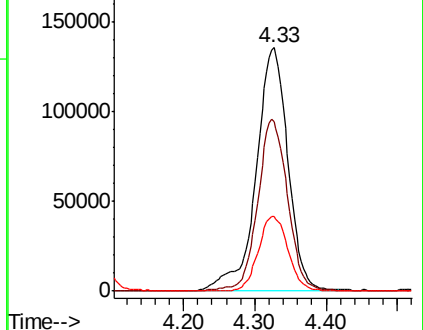
76 28.2 22.7 34.1

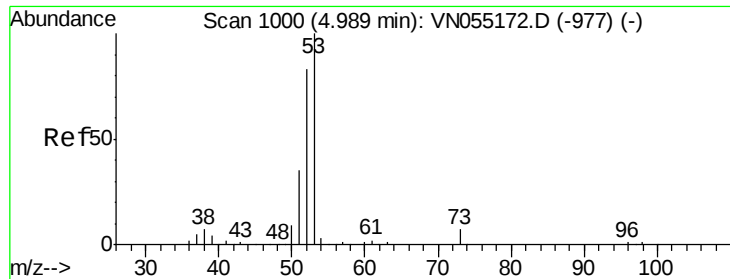


Abundance Ion 41.00 (40.70 to 41.70): VN055172.D (-760) (-)

Ion 39.00 (38.70 to 39.70): VN055172.D (-760) (-)

Ion 75.90 (75.60 to 76.60): VN055172.D (-760) (-)

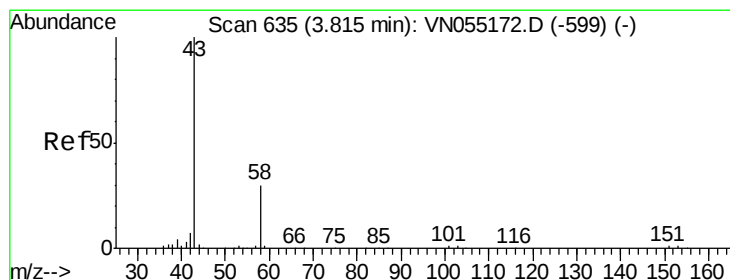
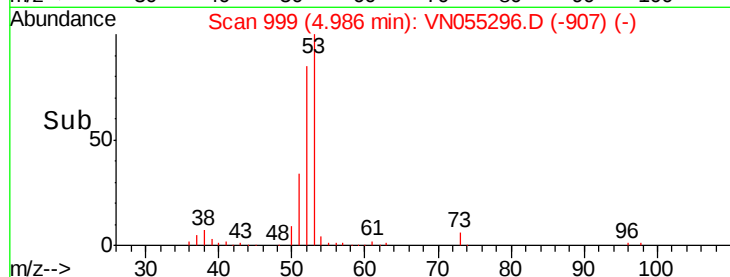
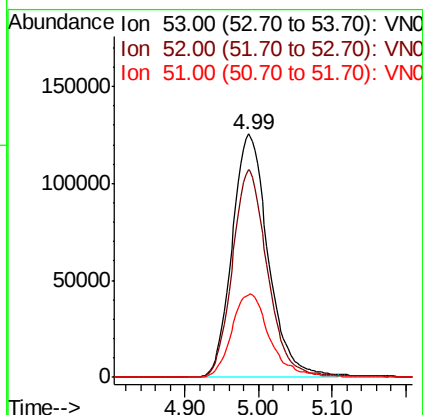
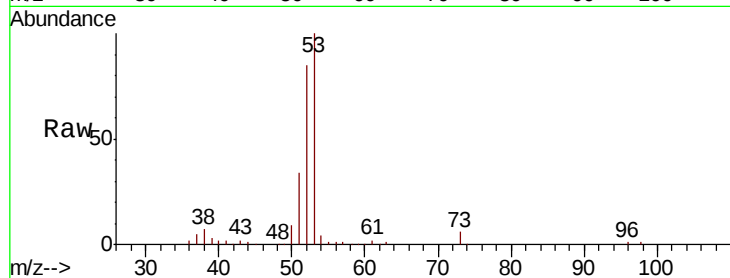




#15
 Acrylonitrile
 Concen: 235.087 ug/l
 RT: 4.99 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

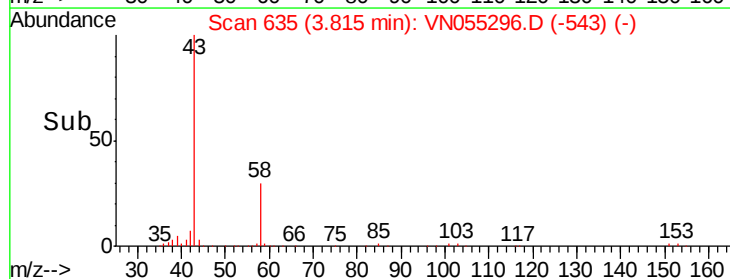
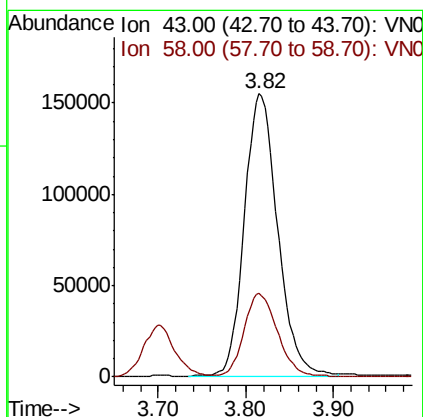
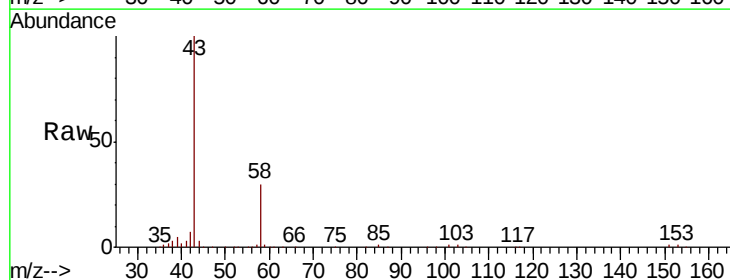
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

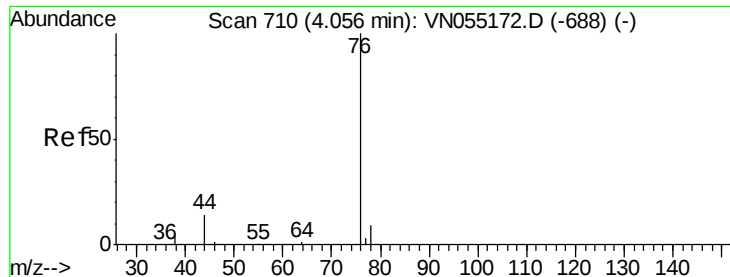
Tgt Ion: 53 Resp: 427463
 Ion Ratio Lower Upper
 53 100
 52 83.2 66.5 99.7
 51 36.3 29.6 44.4



#16
 Acetone
 Concen: 231.386 ug/l
 RT: 3.82 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

Tgt Ion: 43 Resp: 407366
 Ion Ratio Lower Upper
 43 100
 58 29.4 23.6 35.4

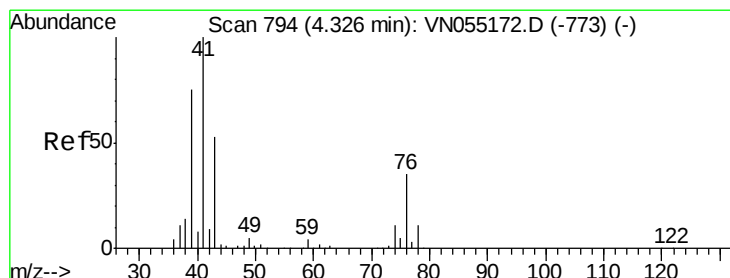
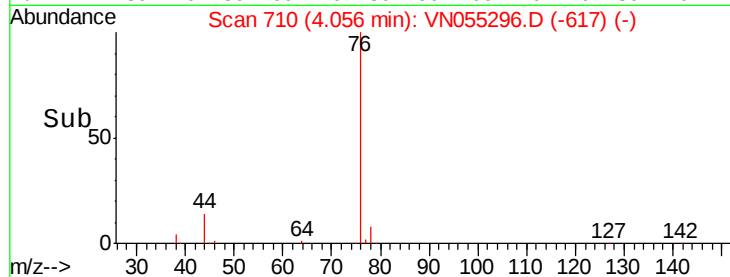
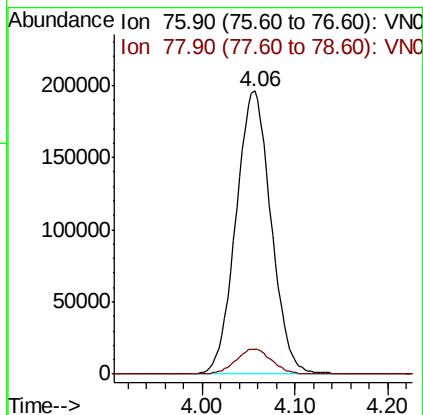
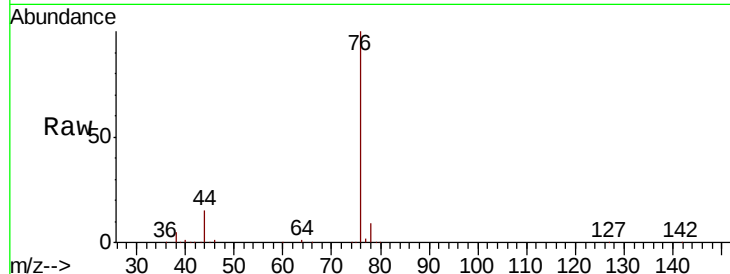




#17
Carbon Disulfide
Concen: 46.340 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

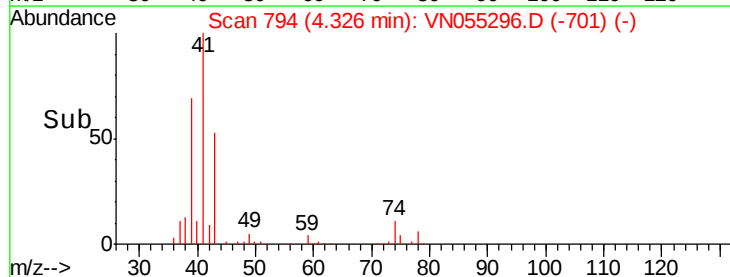
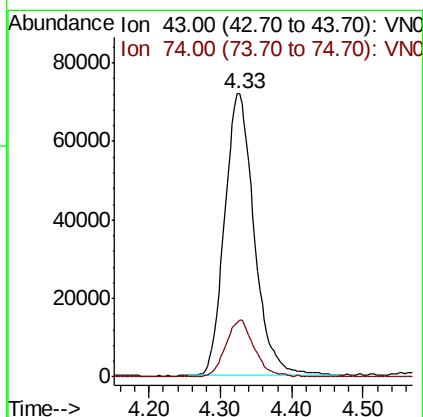
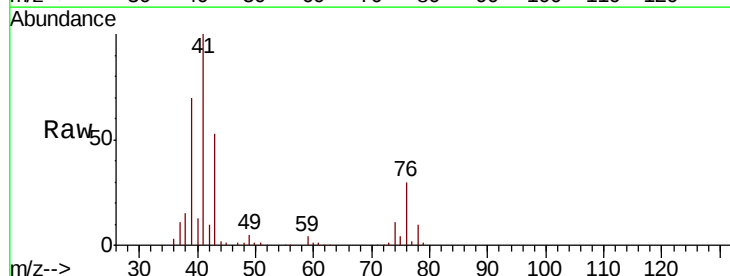
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

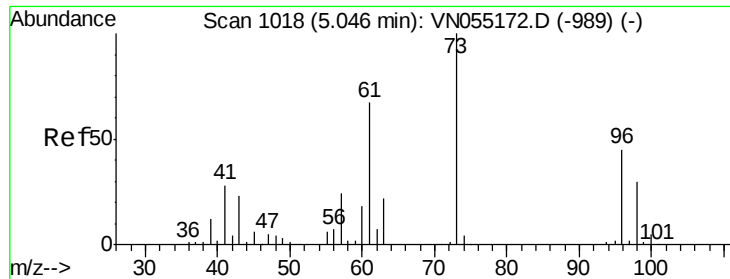
Tgt Ion: 76 Resp: 515962
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4



#18
Methyl Acetate
Concen: 48.514 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

Tgt Ion: 43 Resp: 208194
Ion Ratio Lower Upper
43 100
74 19.5 15.8 23.8

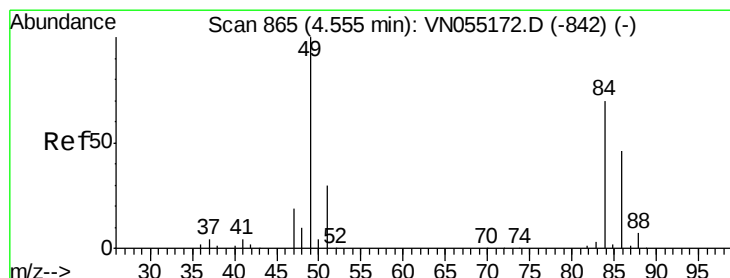
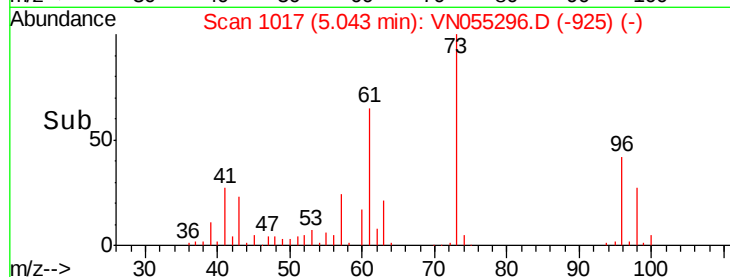
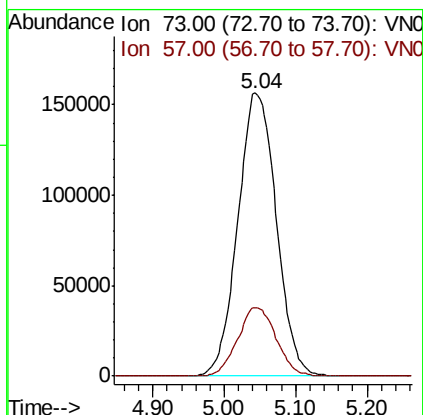
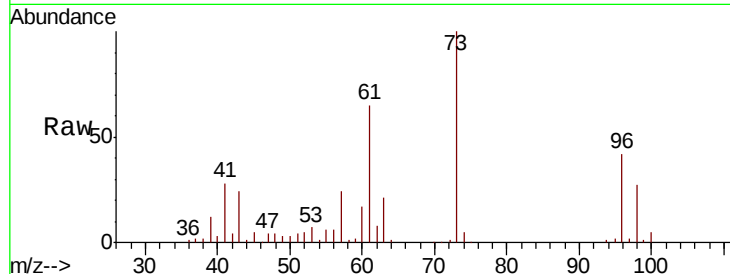




#19
Methyl tert-butyl Ether
Concen: 48.959 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

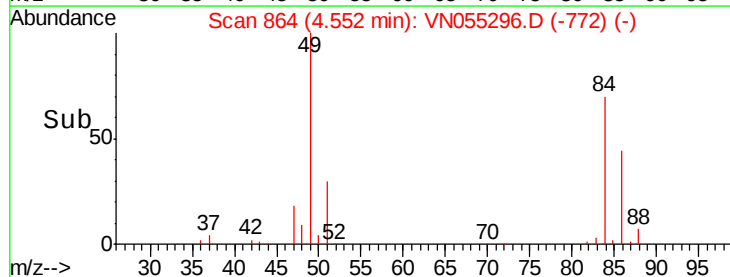
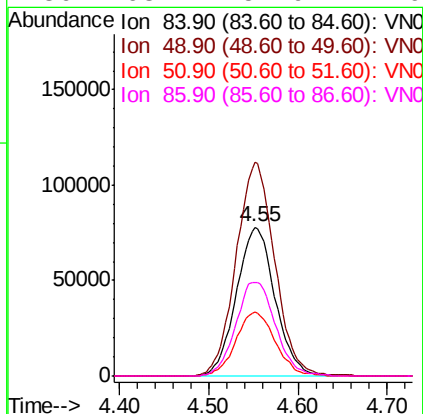
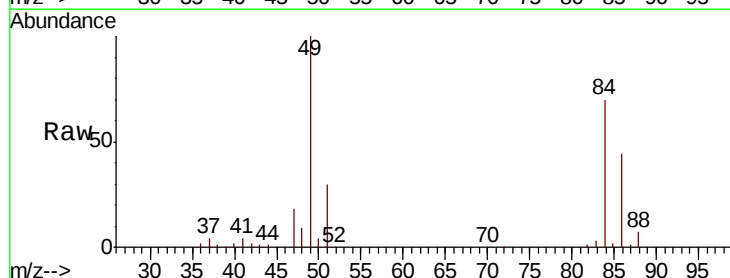
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

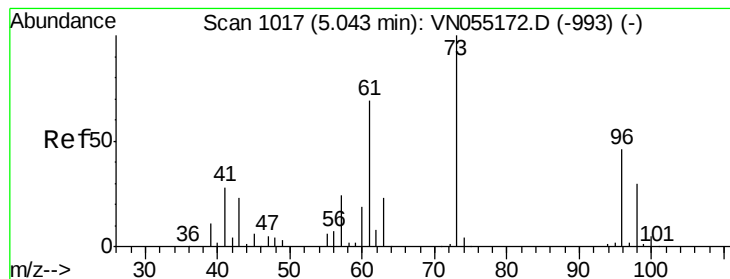
Tgt Ion: 73 Resp: 587222
Ion Ratio Lower Upper
73 100
57 24.0 19.1 28.7



#20
Methylene Chloride
Concen: 43.763 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

Tgt Ion: 84 Resp: 235172
Ion Ratio Lower Upper
84 100
49 143.8 112.4 168.6
51 42.8 34.6 51.8
86 63.2 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 46.737 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

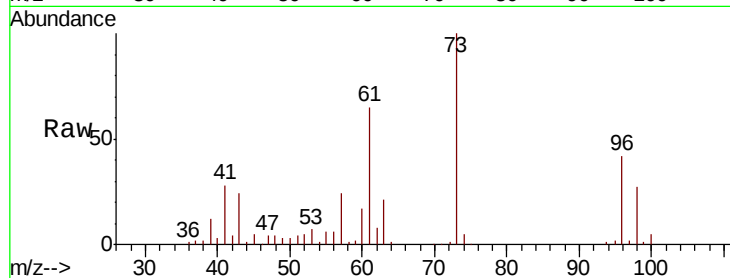
Tgt Ion: 96 Resp: 211182

Ion Ratio Lower Upper

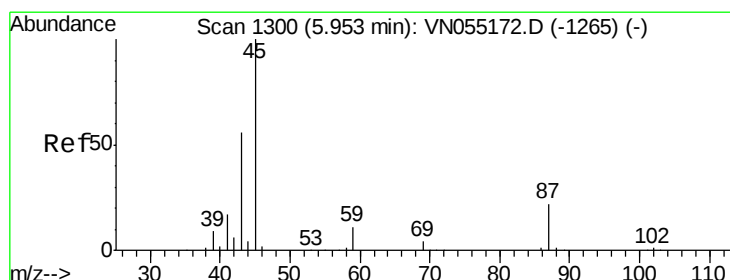
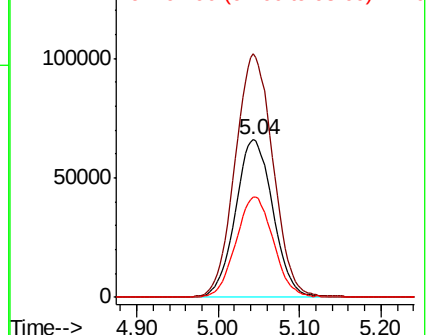
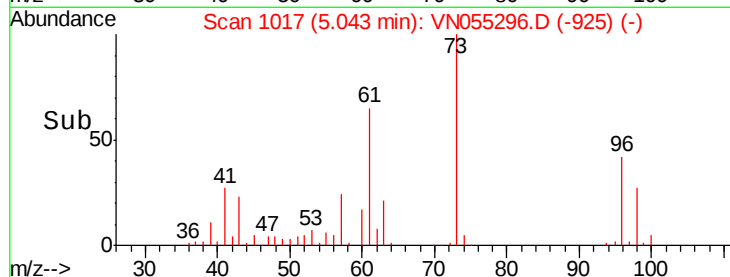
96 100

61 154.6 126.2 189.4

98 63.8 52.2 78.2



Abundance Ion 95.90 (95.60 to 96.60): VN055296.D (-1207) (-)



#22

Diisopropyl ether

Concen: 48.581 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

Tgt Ion: 45 Resp: 852927

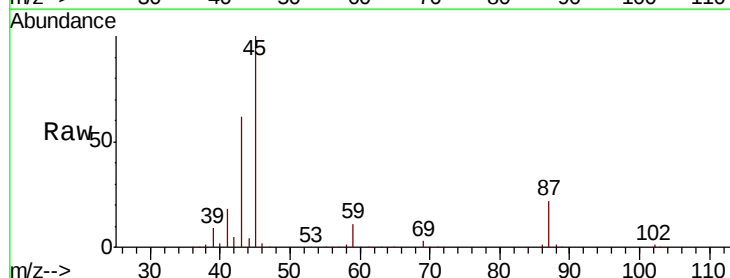
Ion Ratio Lower Upper

45 100

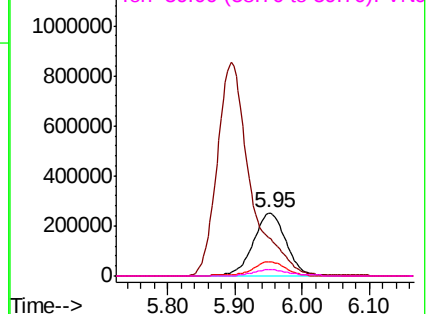
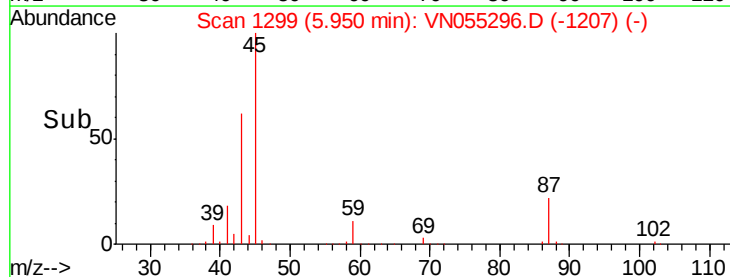
43 60.2 46.6 70.0

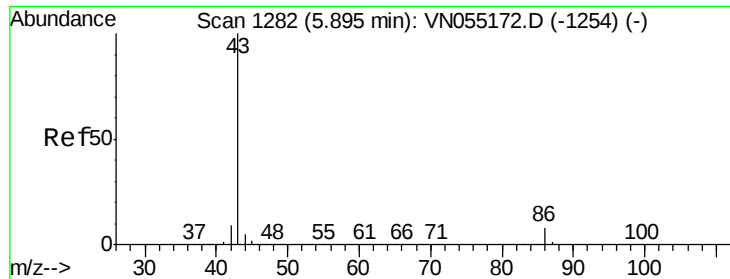
87 22.1 18.1 27.1

59 10.5 8.2 12.2



Abundance Ion 45.00 (44.70 to 45.70): VN055296.D (-1207) (-)

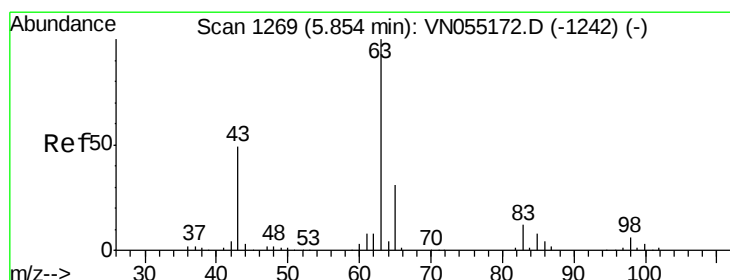
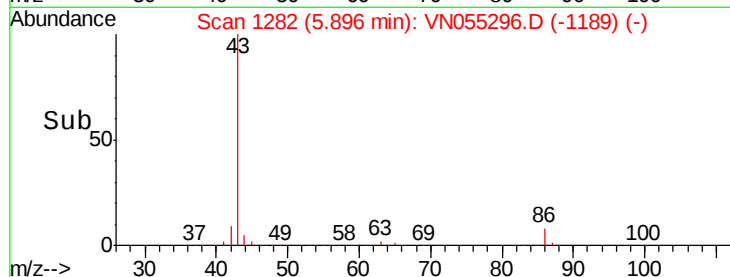
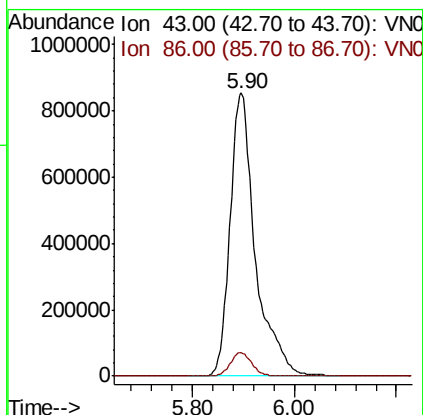
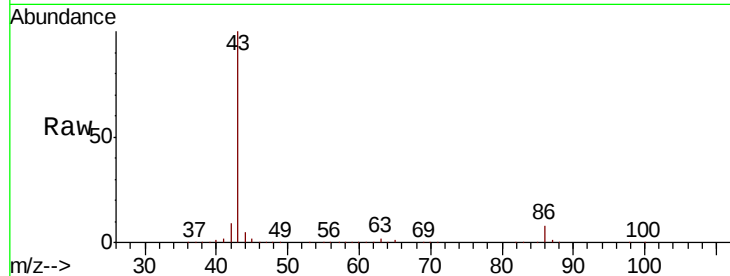




#23
 Vinyl Acetate
 Concen: 255.699 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

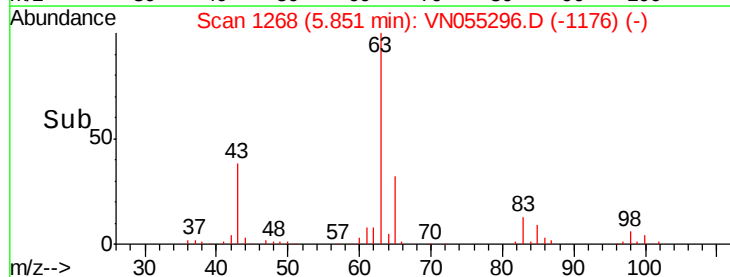
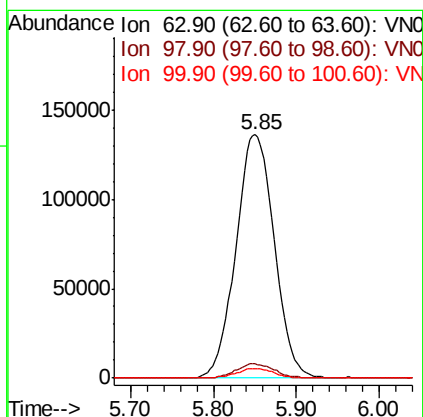
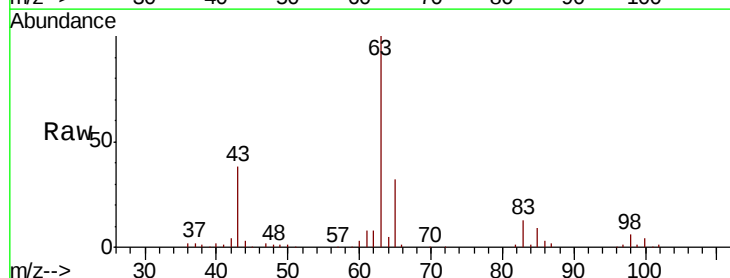
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

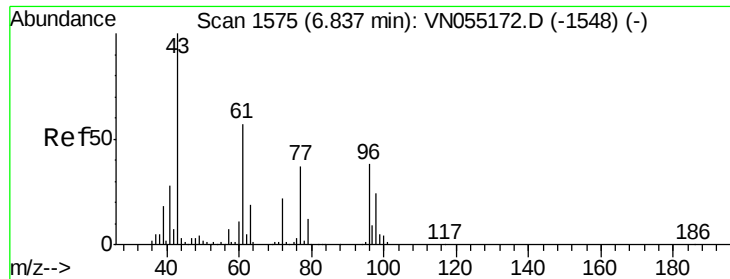
Tgt Ion: 43 Resp: 2942249
 Ion Ratio Lower Upper
 43 100
 86 8.3 6.6 10.0



#24
 1,1-Dichloroethane
 Concen: 46.820 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

Tgt Ion: 63 Resp: 437973
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.0 9.0
 100 3.9 1.8 5.4

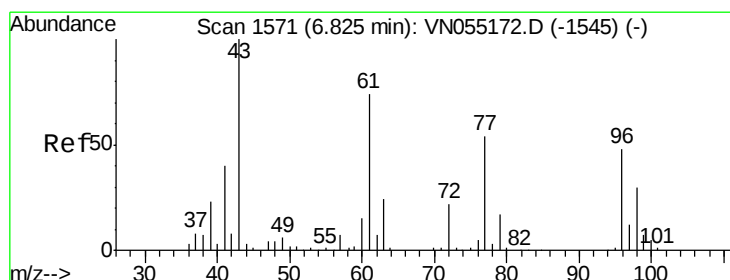
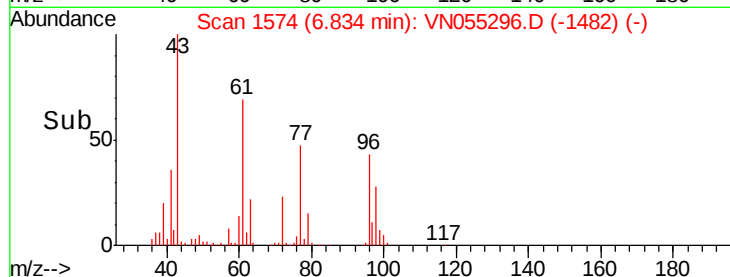
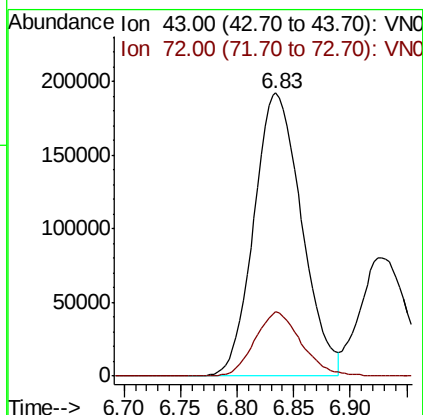
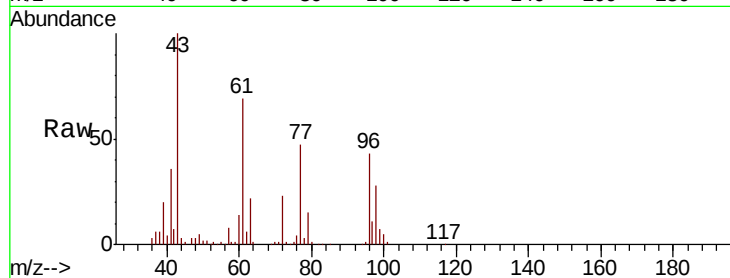




#25
2-Butanone
Concen: 249.487 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

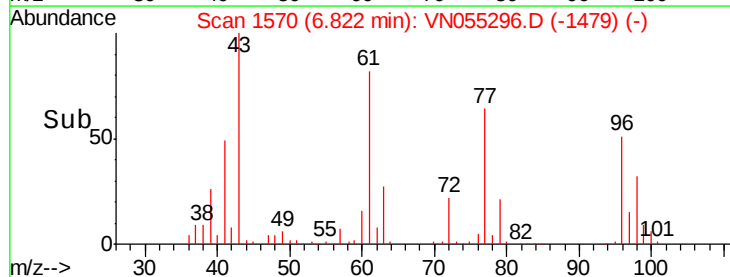
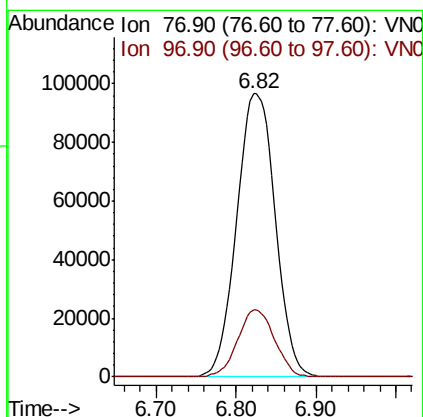
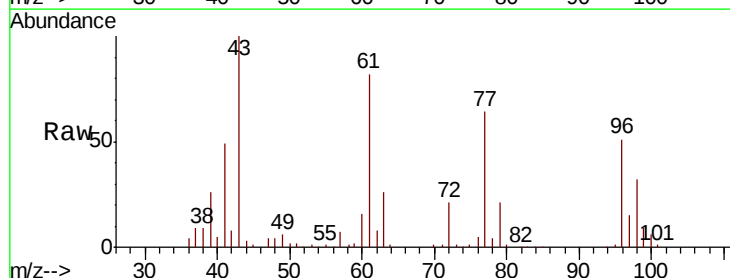
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

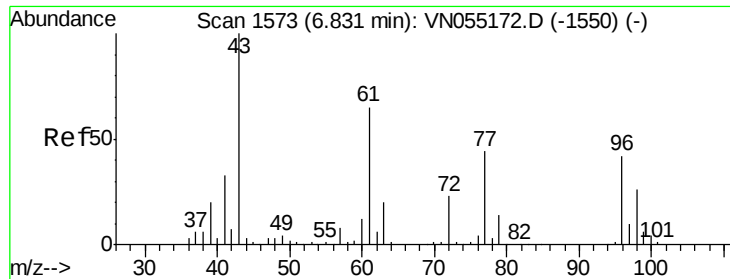
Tgt Ion: 43 Resp: 561721
Ion Ratio Lower Upper
43 100
72 22.7 18.0 27.0



#26
2,2-Dichloropropane
Concen: 48.961 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.01 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

Tgt Ion: 77 Resp: 316272
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.2

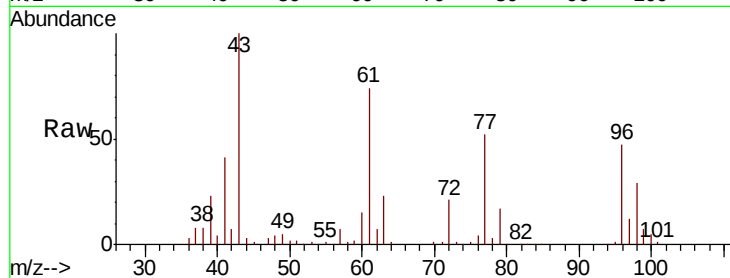




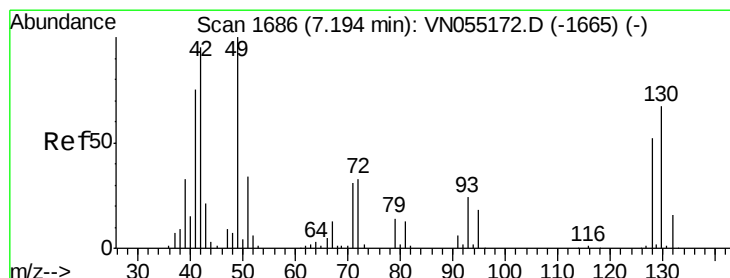
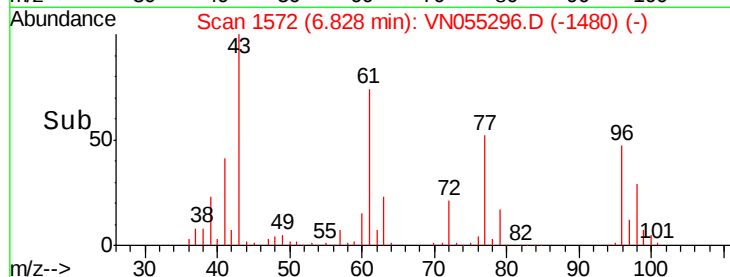
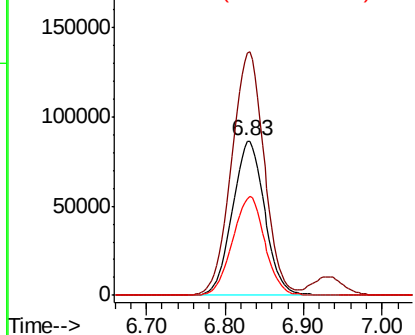
#27
 cis-1,2-Dichloroethene
 Concen: 48.343 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 248407
 Ion Ratio Lower Upper
 96 100
 61 159.3 0.0 316.2
 98 64.0 0.0 126.6

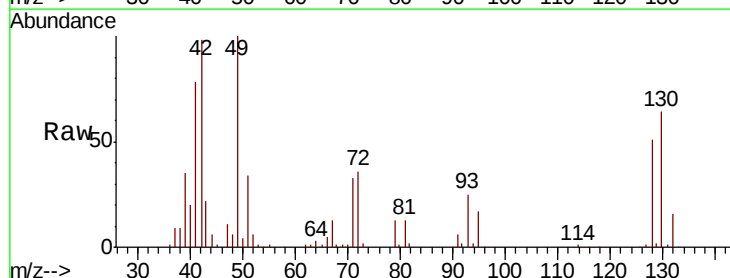


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

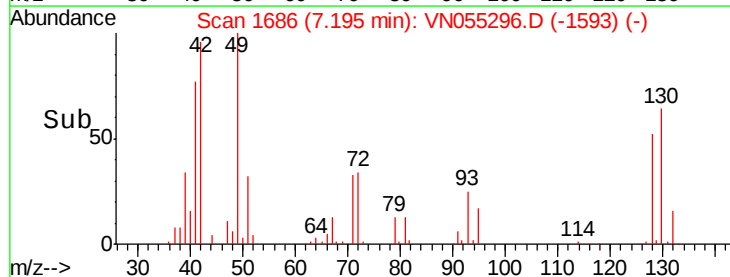
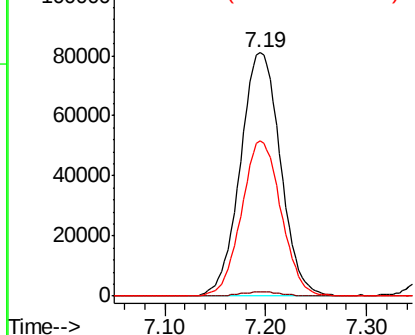


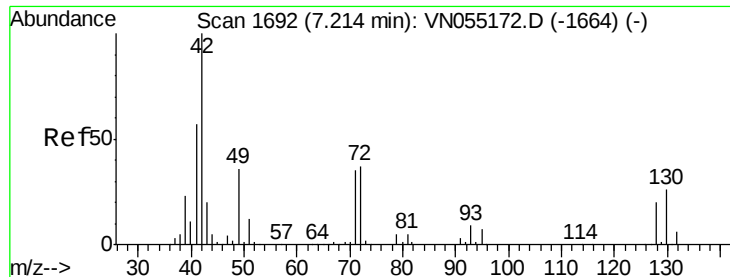
#28
 Bromochloromethane
 Concen: 47.377 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

Tgt Ion: 49 Resp: 223393
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 2.4
 130 63.1 52.0 78.0



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

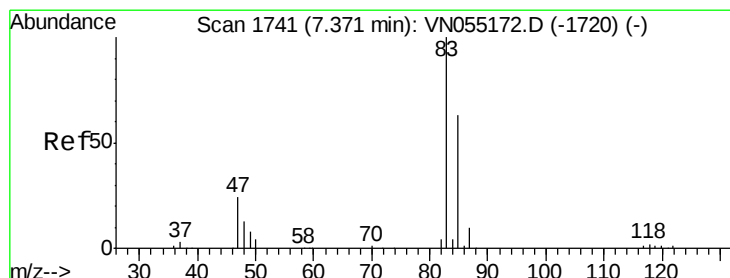
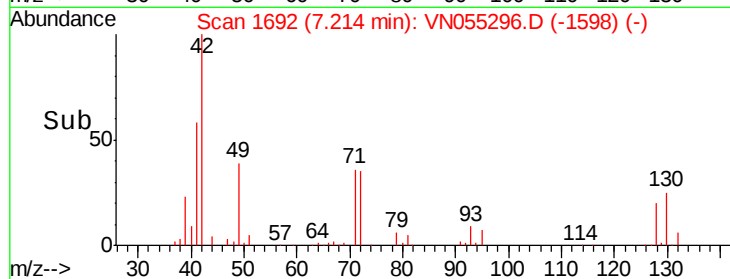
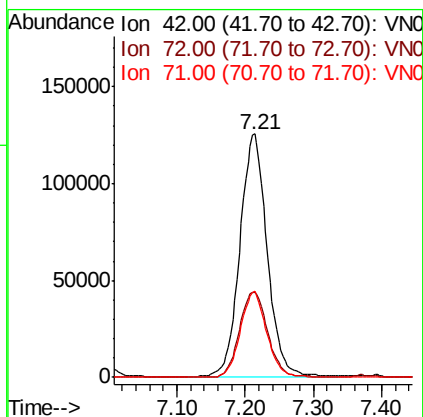
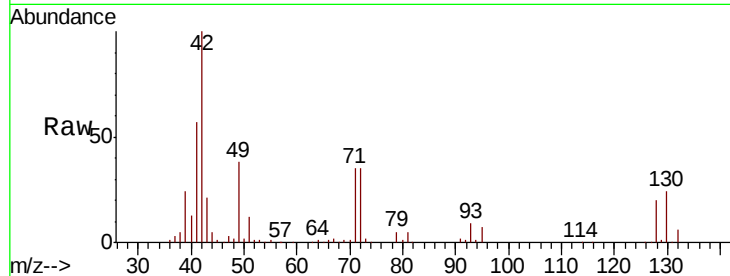




#29
Tetrahydrofuran
Concen: 240.910 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

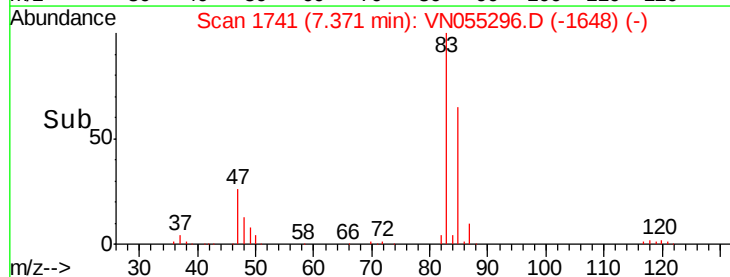
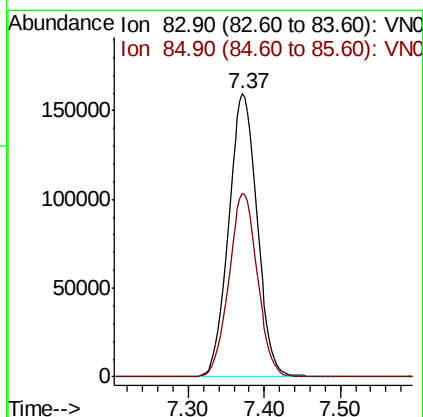
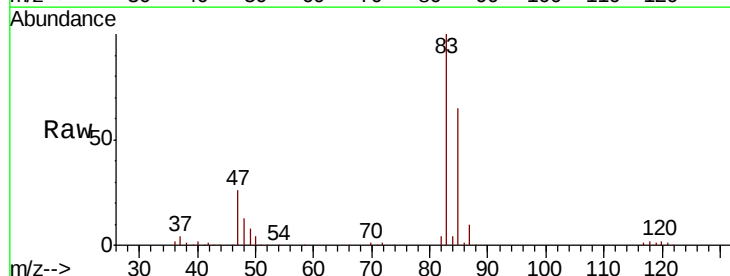
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

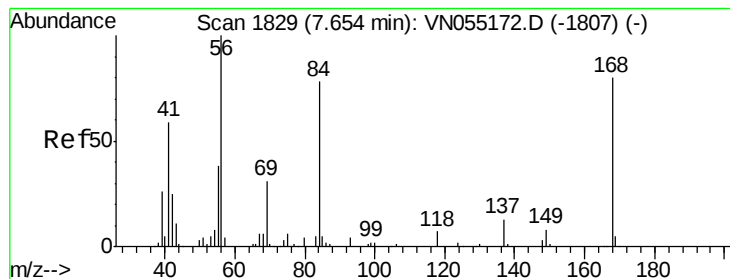
Tgt Ion: 42 Resp: 347320
Ion Ratio Lower Upper
42 100
72 36.3 29.0 43.6
71 34.1 27.1 40.7



#30
Chloroform
Concen: 46.788 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

Tgt Ion: 83 Resp: 414901
Ion Ratio Lower Upper
83 100
85 64.6 51.4 77.2





#31

Cyclohexane

Concen: 45.080 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

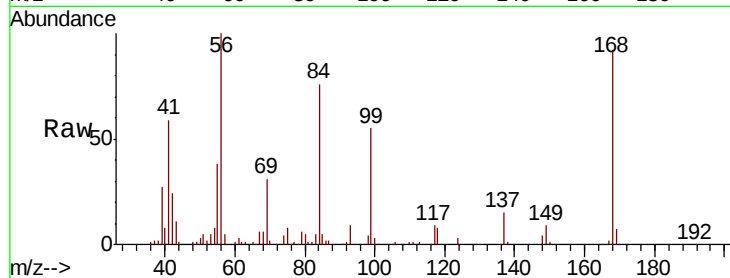
Tgt Ion: 56 Resp: 400657

Ion Ratio Lower Upper

56 100

69 30.9 25.2 37.8

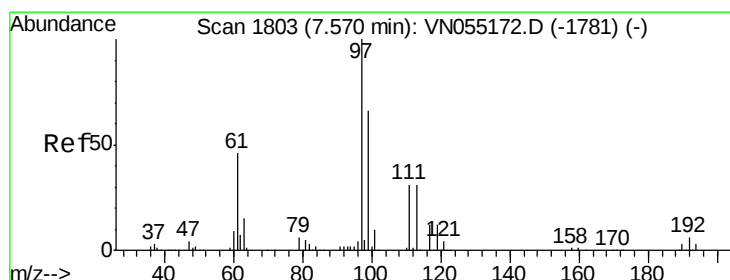
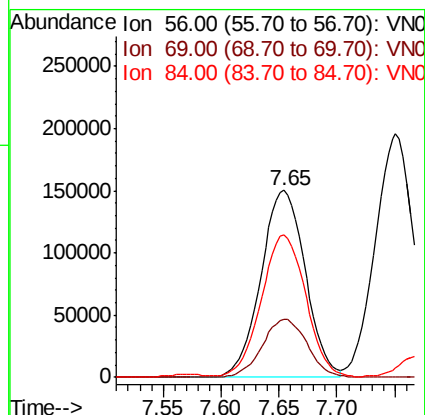
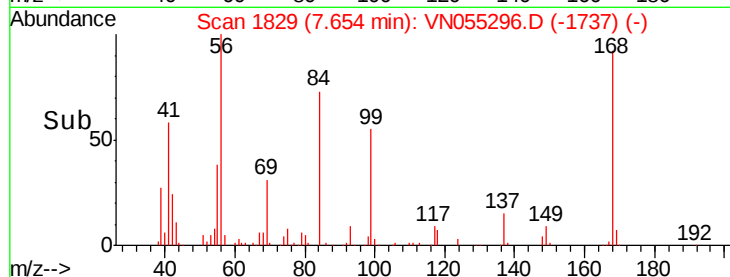
84 74.8 61.1 91.7



Abundance Ion 56.00 (55.70 to 56.70): VN055296.D (-1737) (-)

Ion 69.00 (68.70 to 69.70): VN055296.D (-1737) (-)

Ion 84.00 (83.70 to 84.70): VN055296.D (-1737) (-)



#32

1,1,1-Trichloroethane

Concen: 47.021 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

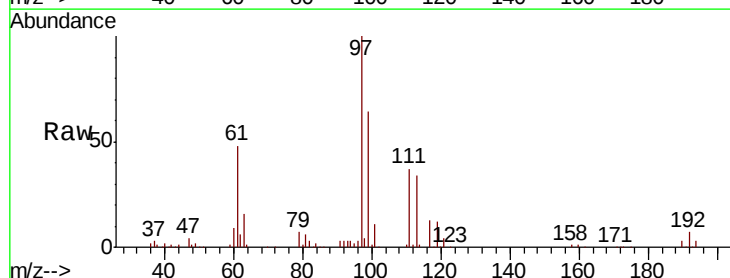
Tgt Ion: 97 Resp: 338406

Ion Ratio Lower Upper

97 100

99 63.0 51.8 77.8

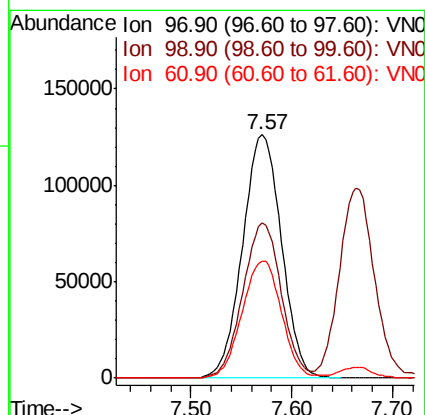
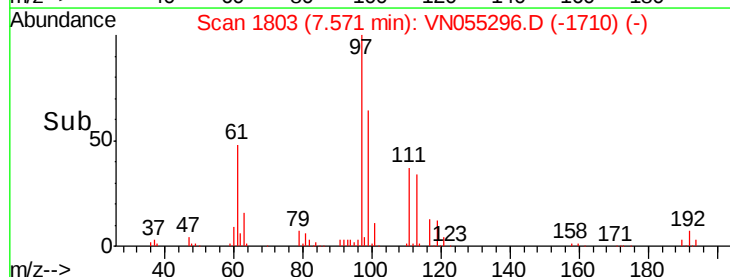
61 48.6 39.0 58.6

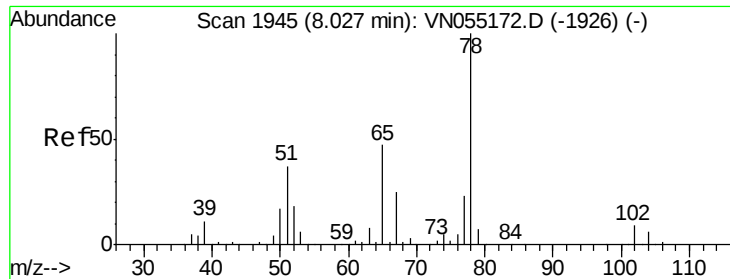


Abundance Ion 96.90 (96.60 to 97.60): VN055296.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN055296.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN055296.D (-1710) (-)





#33

1,2-Dichloroethane-d4

Concen: 47.826 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

Instrument :

MSVOA_N

ClientSampleId :

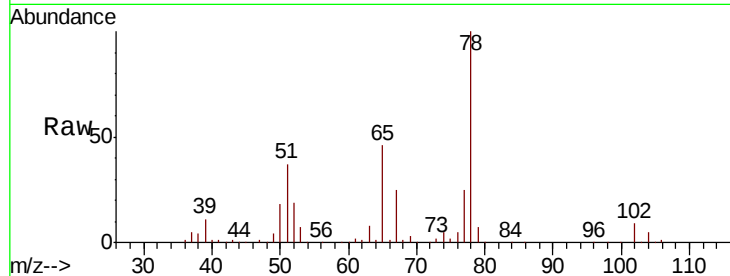
VSTDCCC050EC

Tgt Ion: 65 Resp: 270226

Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN055296.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055296.D (-1926) (-)

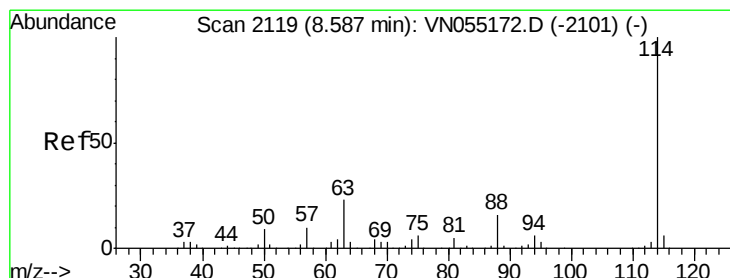
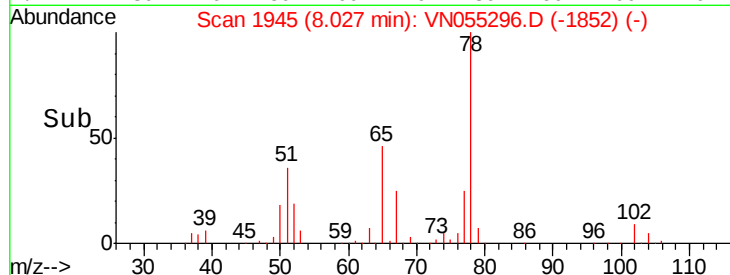
8.03

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

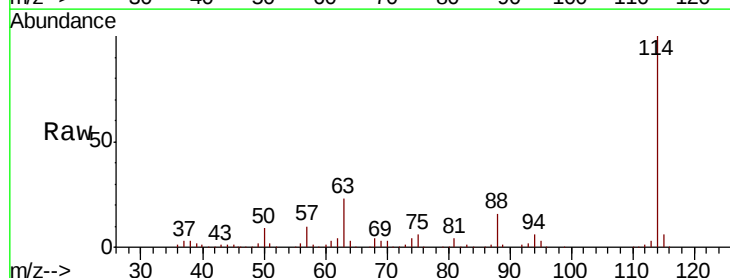
Tgt Ion: 114 Resp: 689248

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.2

88 16.1 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN055296.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN055296.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN055296.D (-2101) (-)

8.59

400000

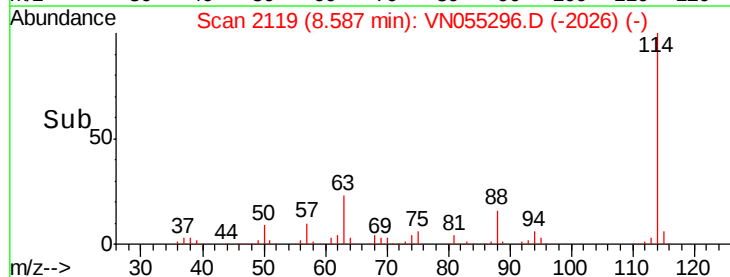
300000

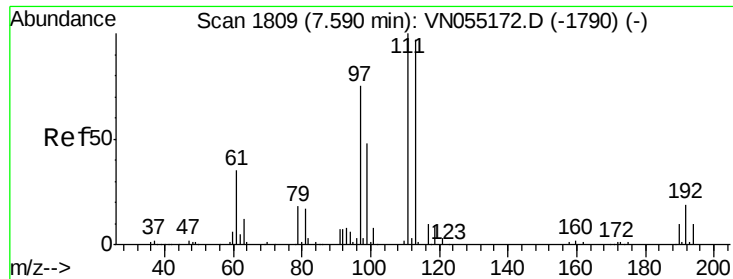
200000

100000

0

Time-->

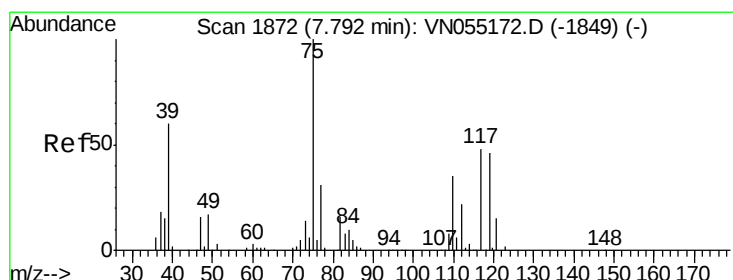
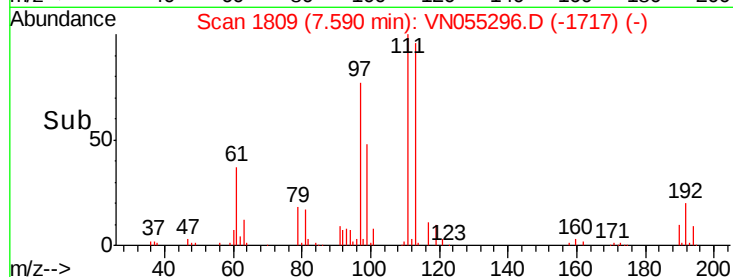
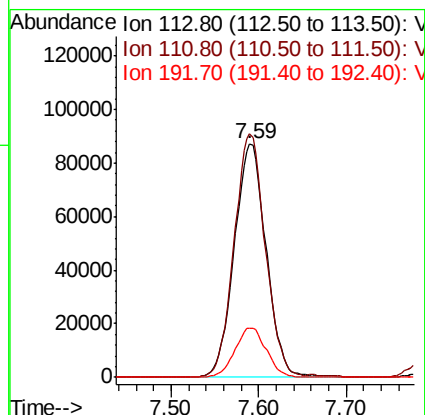
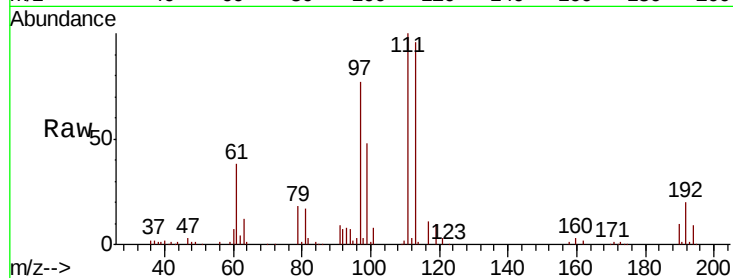




#35
 Dibromofluoromethane
 Concen: 48.830 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

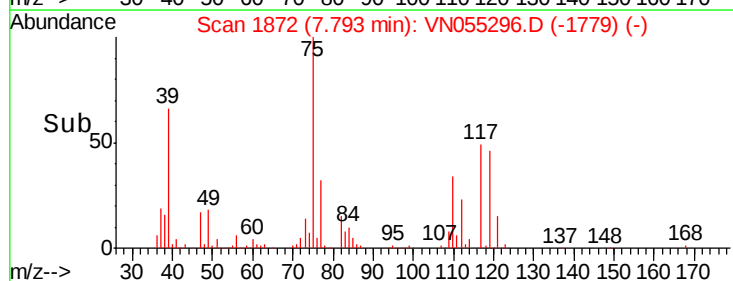
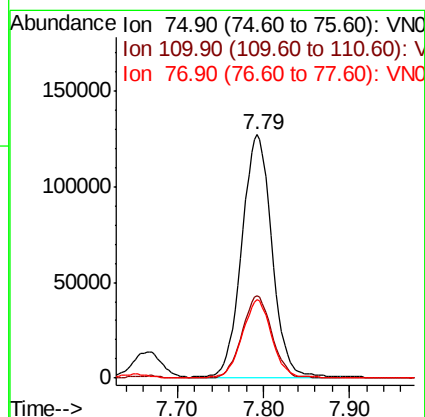
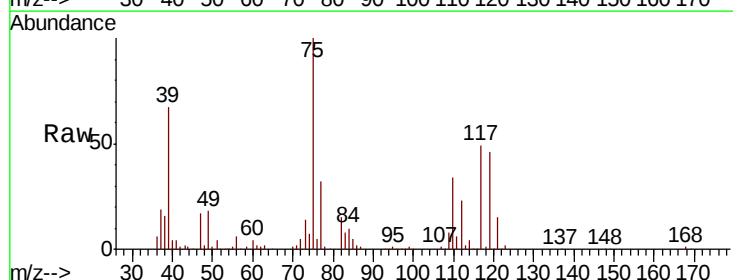
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

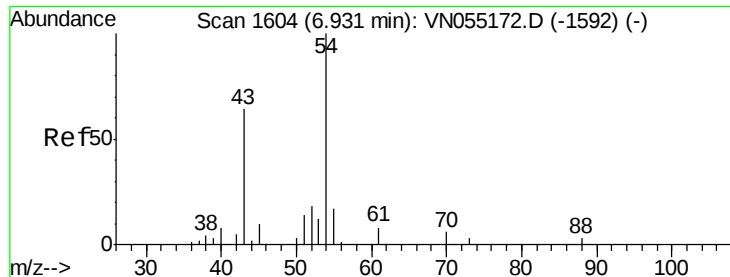
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.3	123.5
192	20.7	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 46.681 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.8	50.4
77	32.3	25.0	37.6

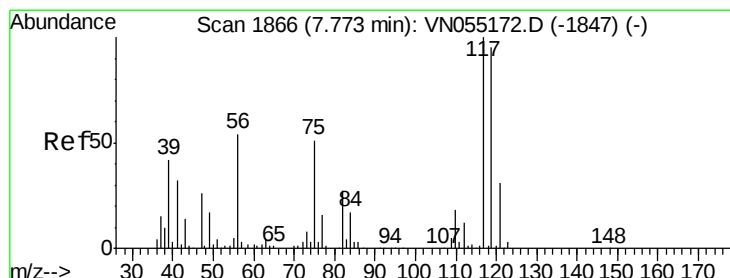
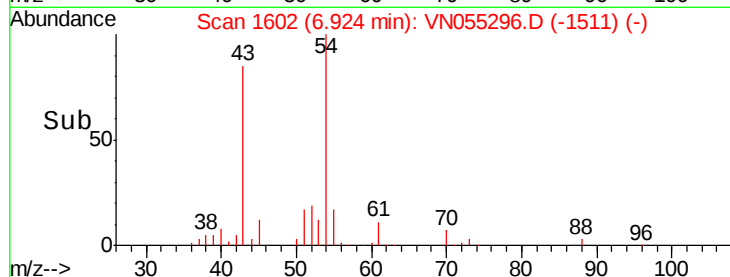
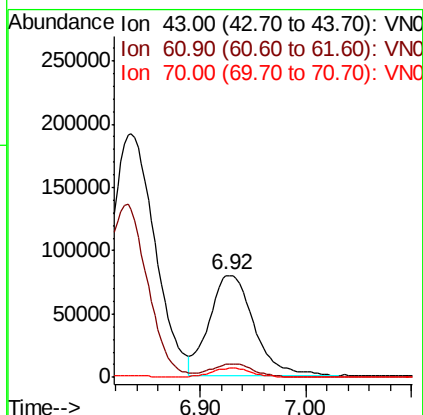
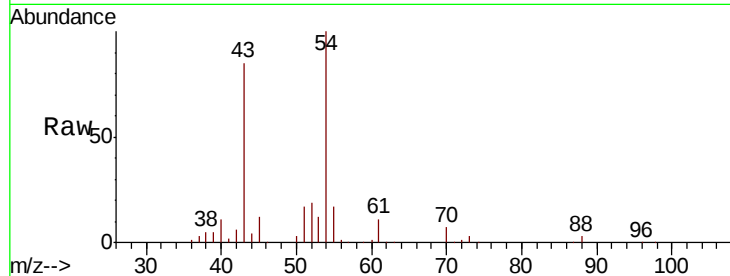




#37
 Ethyl Acetate
 Concen: 46.129 ug/l
 RT: 6.92 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

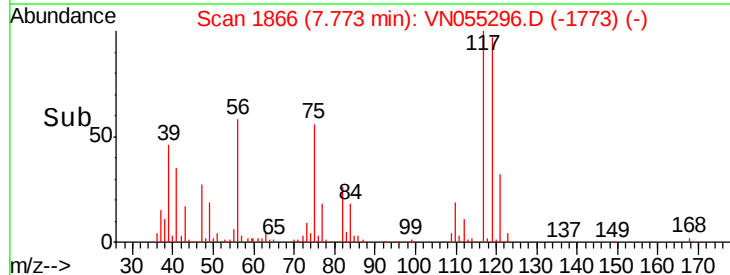
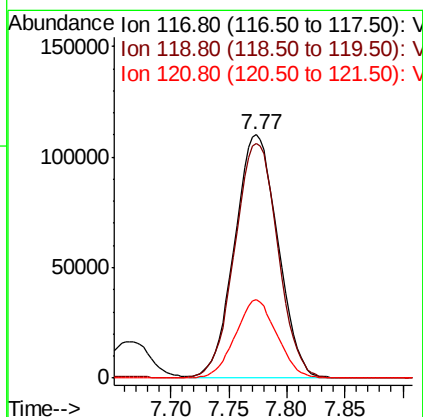
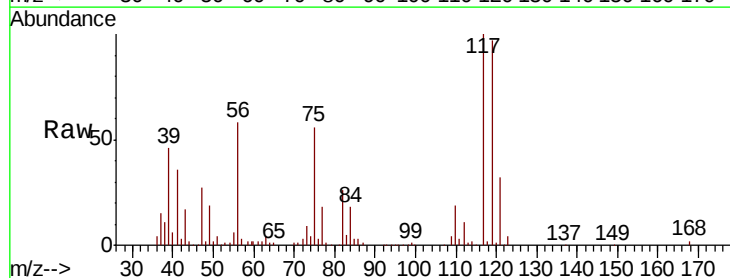
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

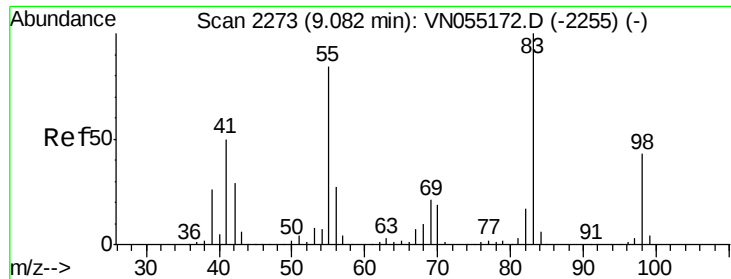
Tgt Ion: 43 Resp: 233406
 Ion Ratio Lower Upper
 43 100
 61 12.1 10.4 15.6
 70 8.3 6.6 10.0



#38
 Carbon Tetrachloride
 Concen: 44.811 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

Tgt Ion: 117 Resp: 285379
 Ion Ratio Lower Upper
 117 100
 119 96.4 77.0 115.6
 121 32.2 23.8 35.8

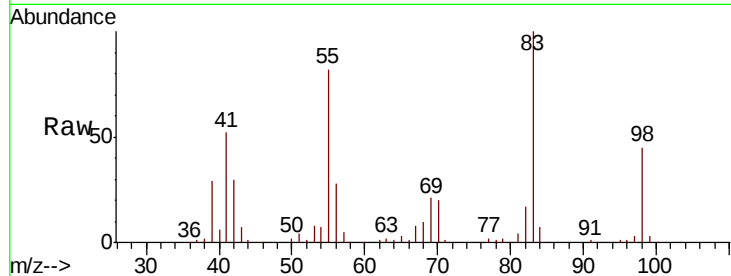




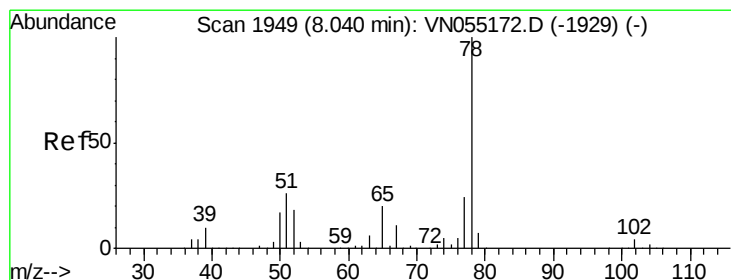
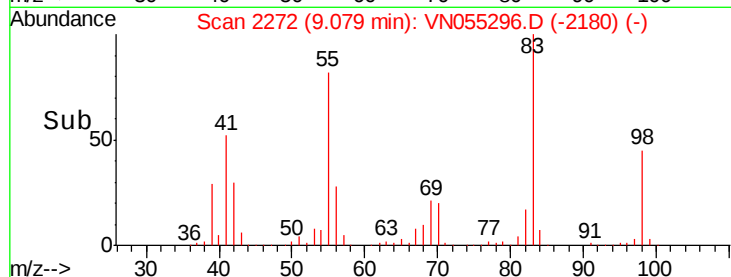
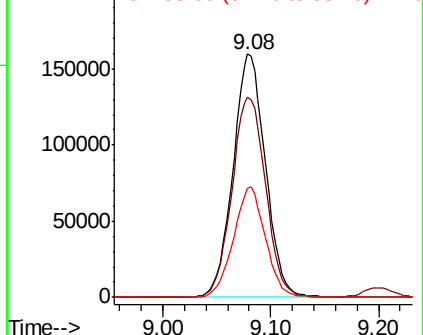
#39
Methylcyclohexane
Concen: 47.561 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 333845
Ion Ratio Lower Upper
83 100
55 82.2 67.8 101.6
98 45.0 36.2 54.4

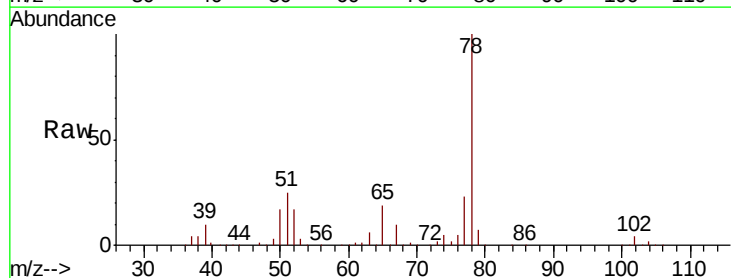


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

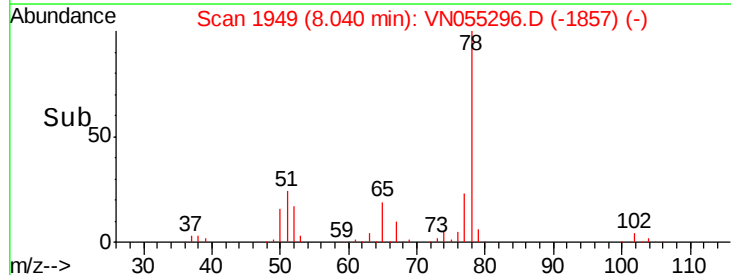
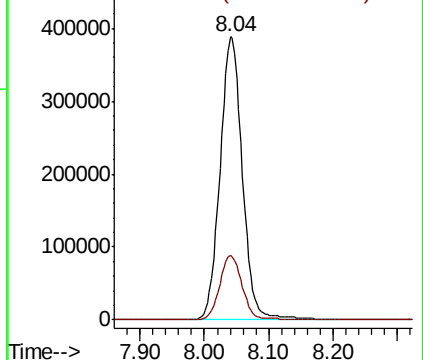


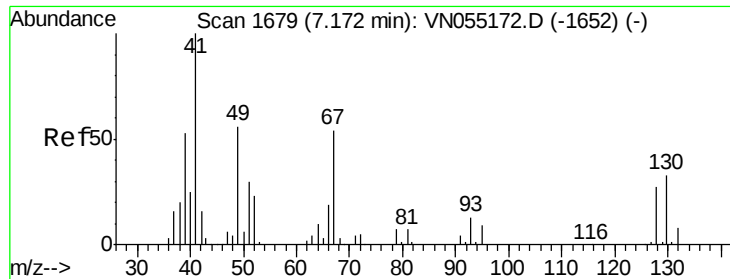
#40
Benzene
Concen: 47.880 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

Tgt Ion: 78 Resp: 931840
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6



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

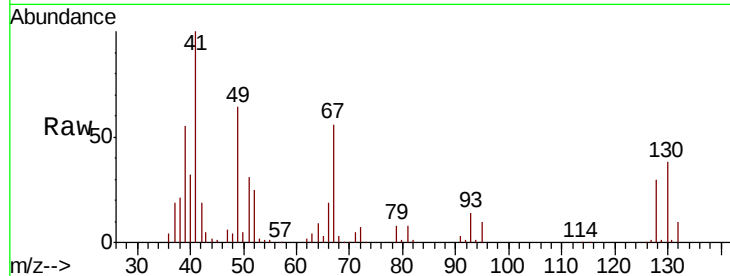




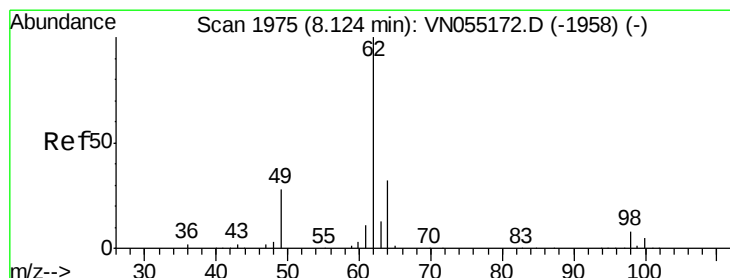
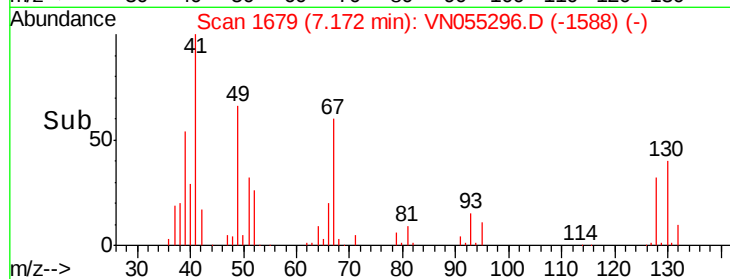
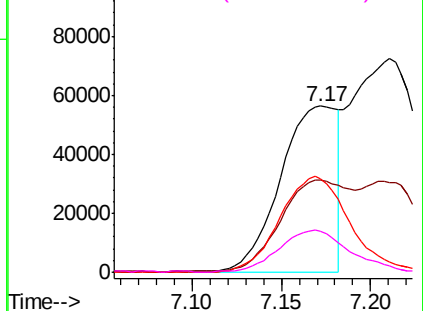
#41
Methacrylonitrile
Concen: 45.344 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	123980
Ion	Ratio	Lower	Upper
41	100		
39	67.3	48.5	72.7
67	71.5	54.9	82.3
52	31.0	24.9	37.3

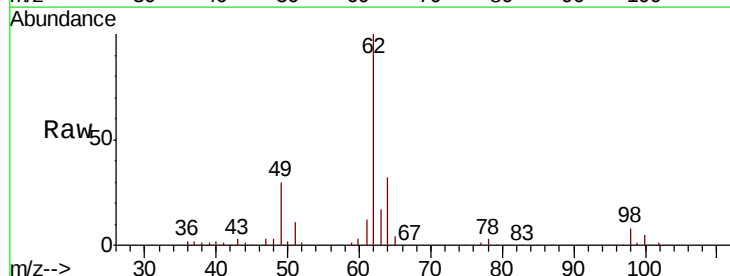


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

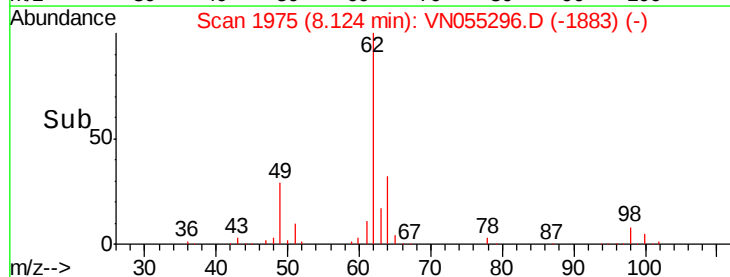
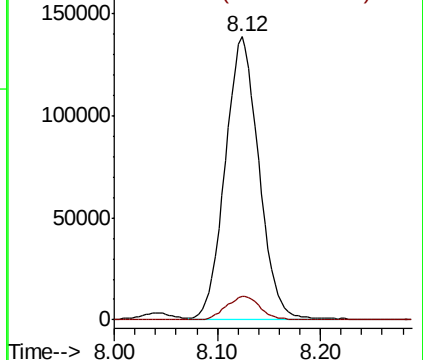


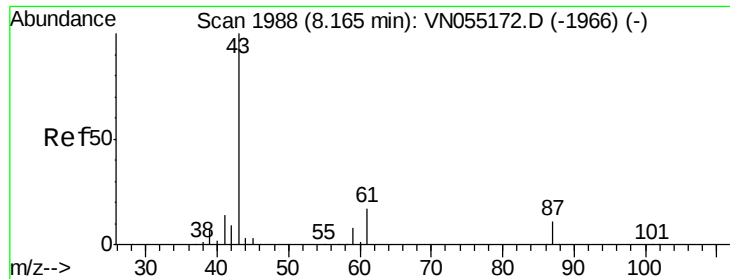
#42
1,2-Dichloroethane
Concen: 45.590 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

Tgt Ion:	62	Resp:	314253
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.4



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 51.725 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

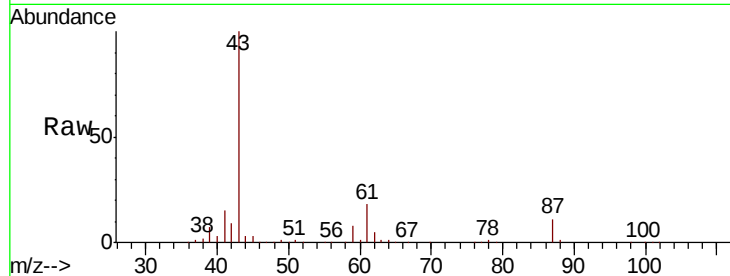
Tgt Ion: 43 Resp: 420595

Ion Ratio Lower Upper

43 100

61 25.6 20.8 31.2

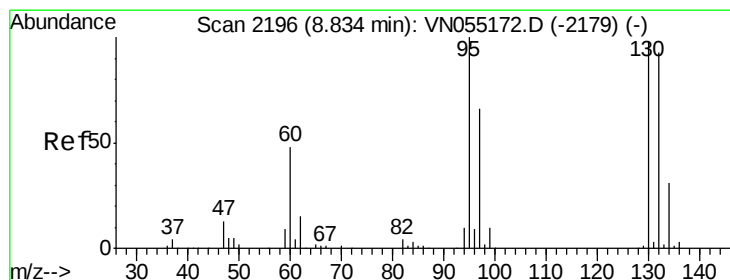
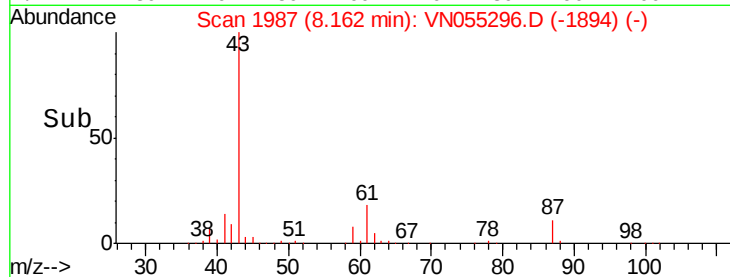
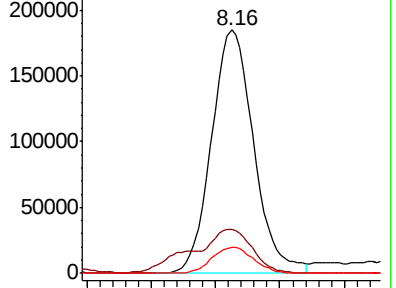
87 10.6 8.5 12.7



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: 46.791 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055296.D

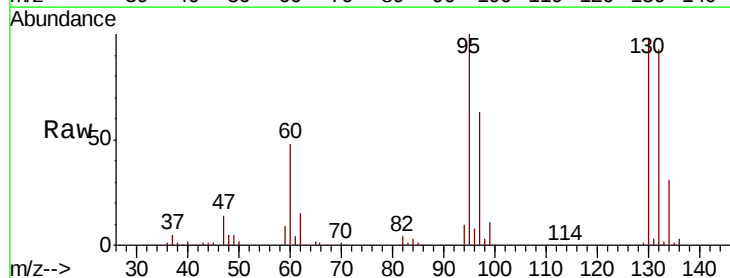
Acq: 29 Apr 2019 16:31

Tgt Ion: 130 Resp: 232152

Ion Ratio Lower Upper

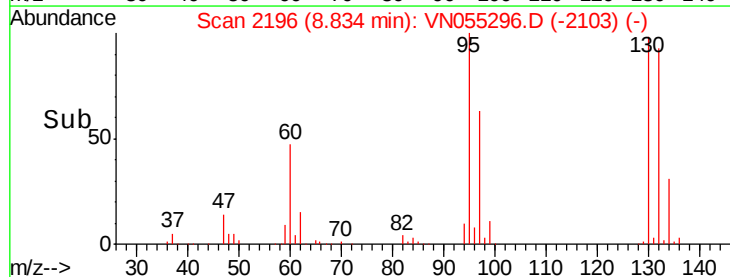
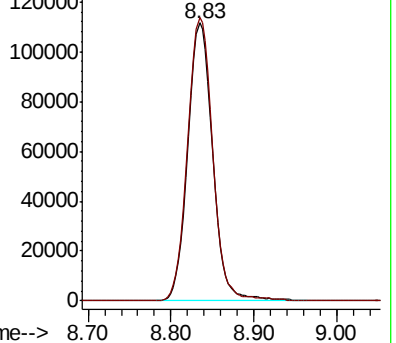
130 100

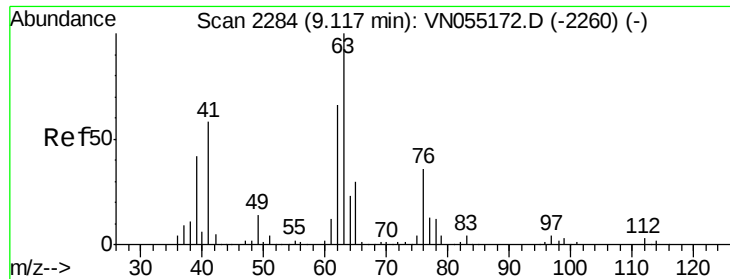
95 102.0 0.0 203.4



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

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

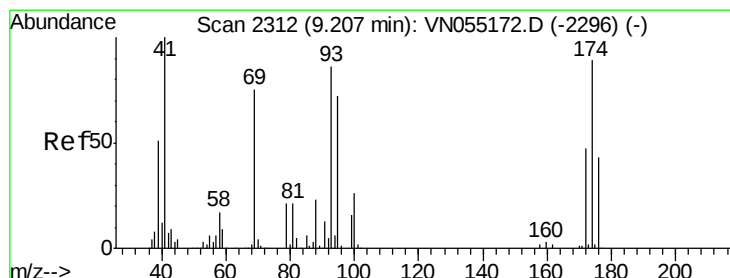
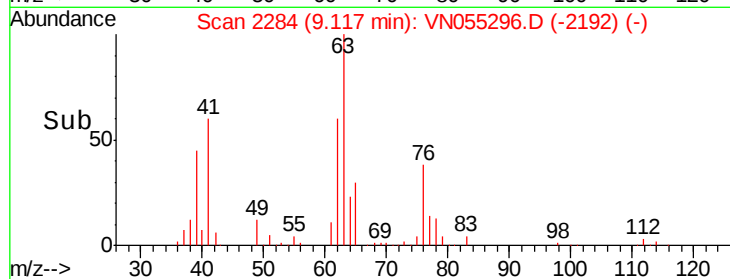
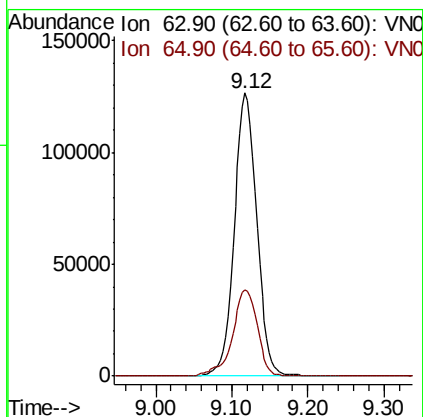
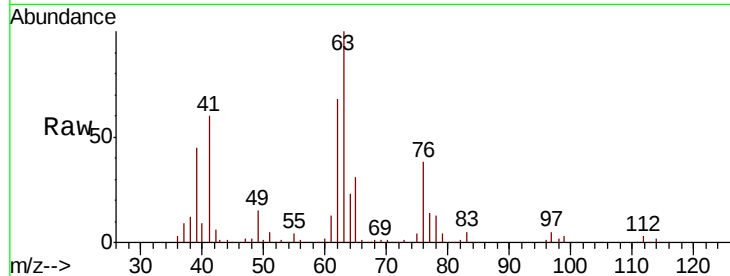




#45
 1,2-Dichloropropane
 Concen: 46.355 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

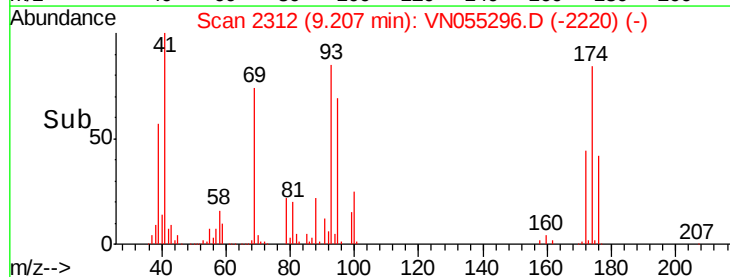
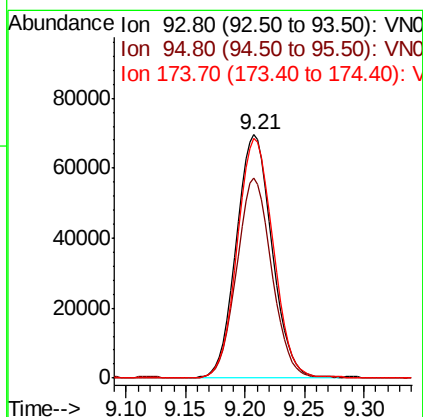
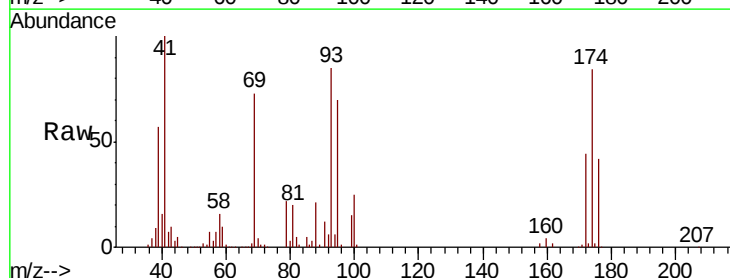
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

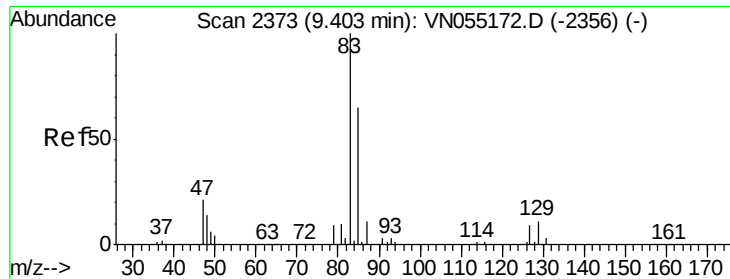
Tgt Ion: 63 Resp: 260201
 Ion Ratio Lower Upper
 63 100
 65 30.6 23.9 35.9



#46
 Dibromomethane
 Concen: 47.276 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

Tgt Ion: 93 Resp: 145053
 Ion Ratio Lower Upper
 93 100
 95 81.0 65.7 98.5
 174 99.0 81.5 122.3





#47

Bromodichloromethane

Concen: 47.248 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

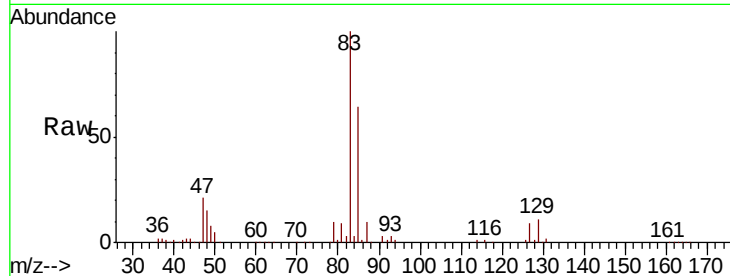
Tgt Ion: 83 Resp: 310995

Ion Ratio Lower Upper

83 100

85 64.4 50.1 75.1

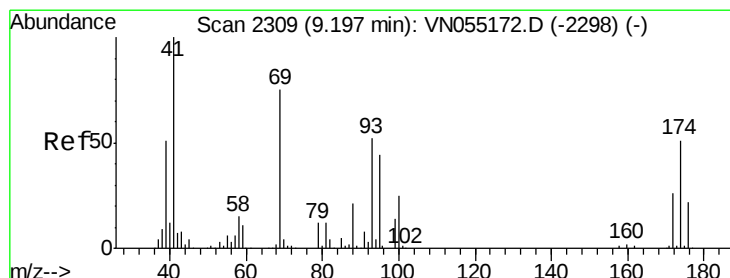
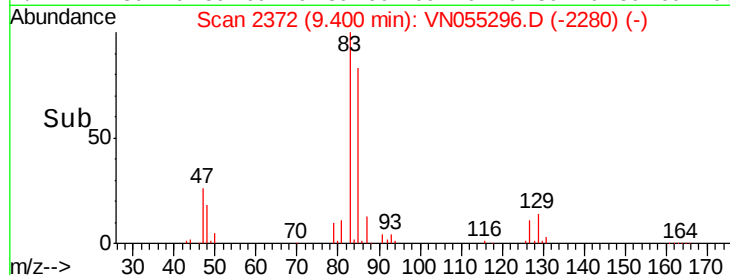
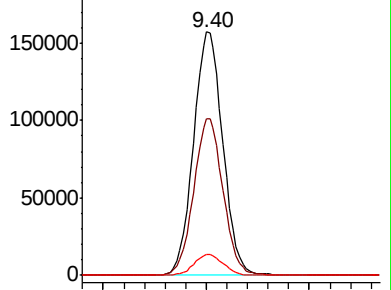
127 8.7 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN055172.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN055172.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN055172.D (-2356) (-)



#48

Methyl methacrylate

Concen: 47.304 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

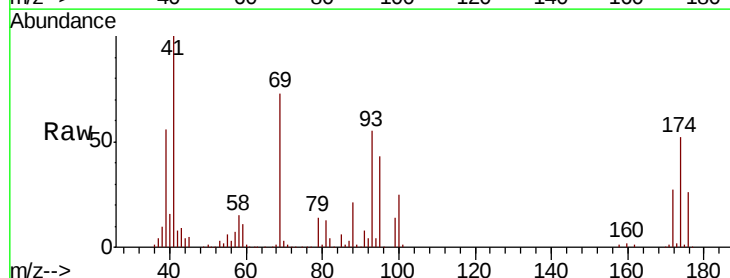
Tgt Ion: 41 Resp: 189094

Ion Ratio Lower Upper

41 100

69 77.7 58.6 87.8

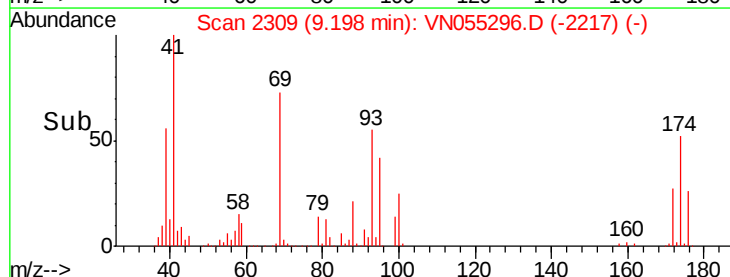
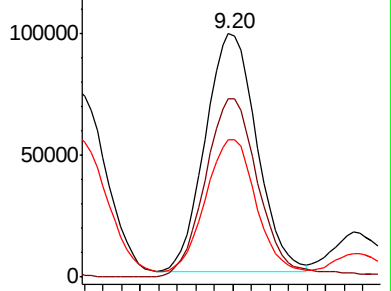
39 57.0 43.8 65.6

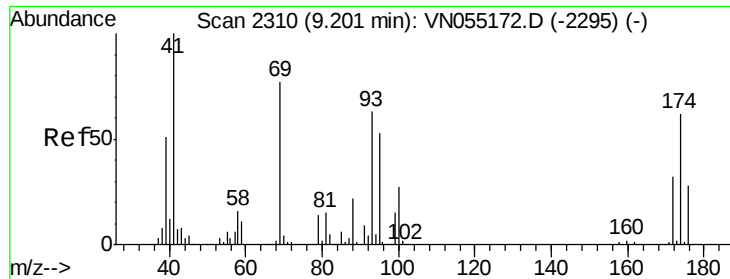


Abundance Ion 41.00 (40.70 to 41.70): VN055172.D (-2298) (-)

Ion 69.00 (68.70 to 69.70): VN055172.D (-2298) (-)

Ion 39.00 (38.70 to 39.70): VN055172.D (-2298) (-)

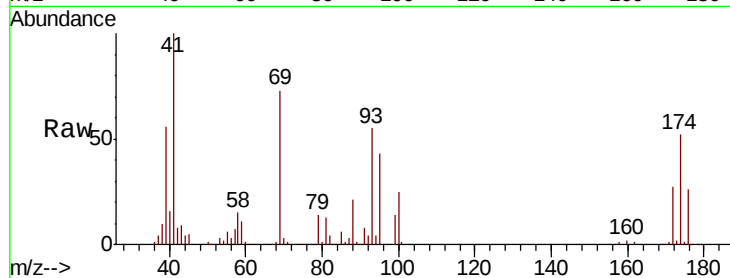




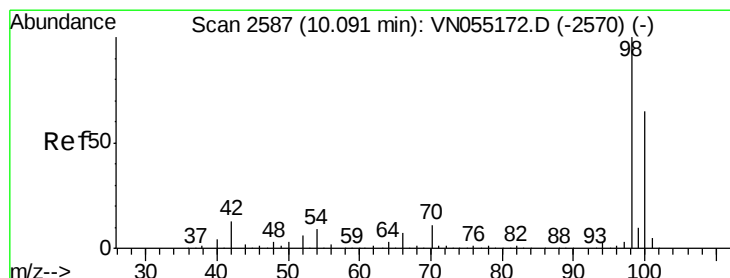
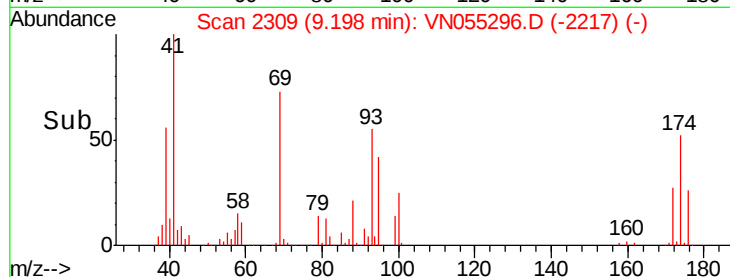
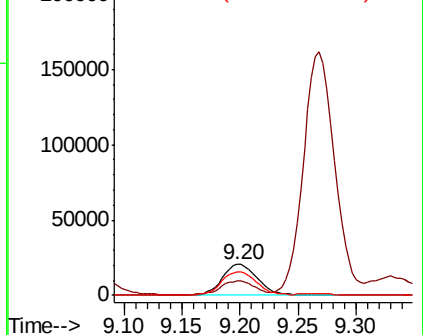
#49
1,4-Dioxane
Concen: 1063.771 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 43958
Ion Ratio Lower Upper
88 100
43 40.8 33.3 49.9
58 74.6 62.7 94.1

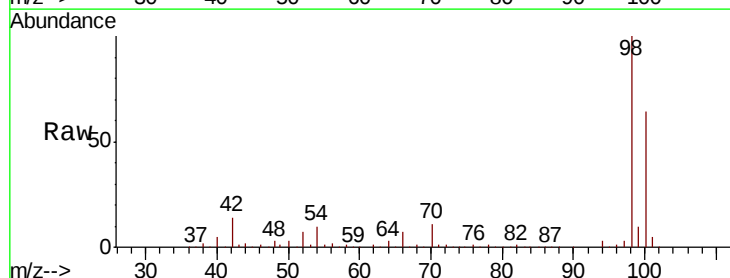


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

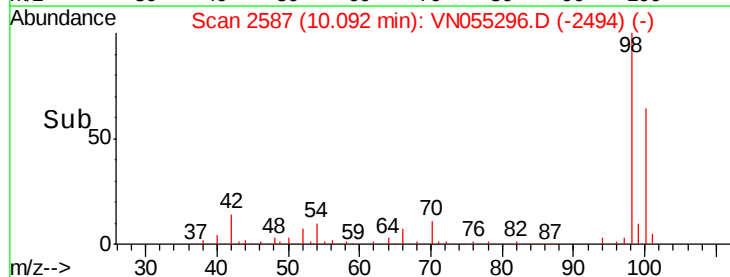
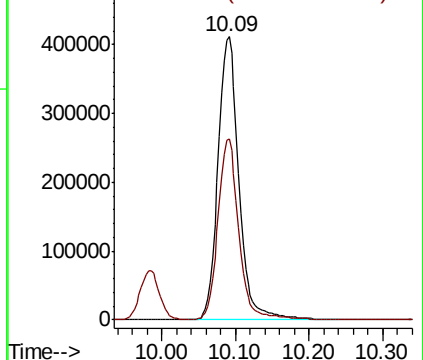


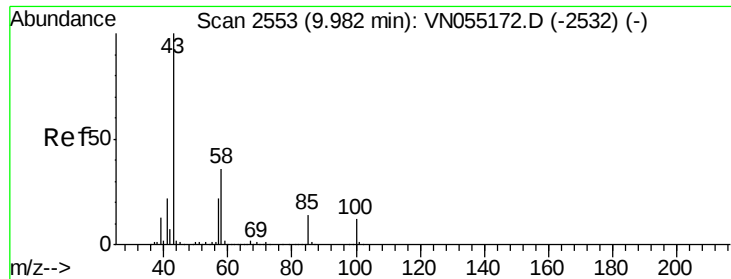
#50
Toluene-d8
Concen: 49.638 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

Tgt Ion: 98 Resp: 810874
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5



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

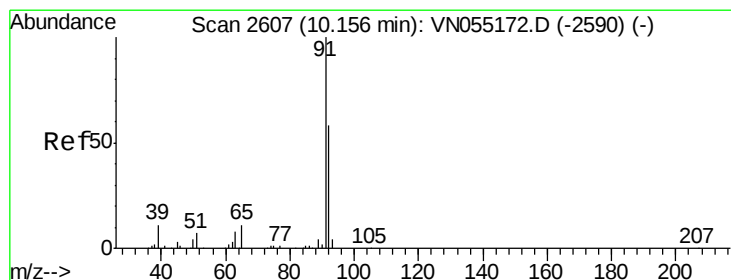
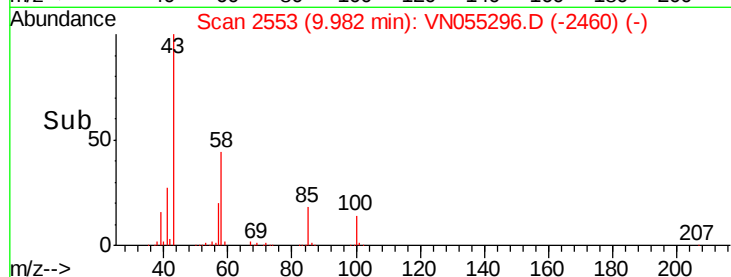
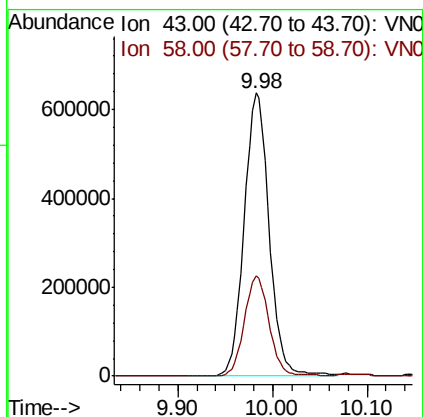
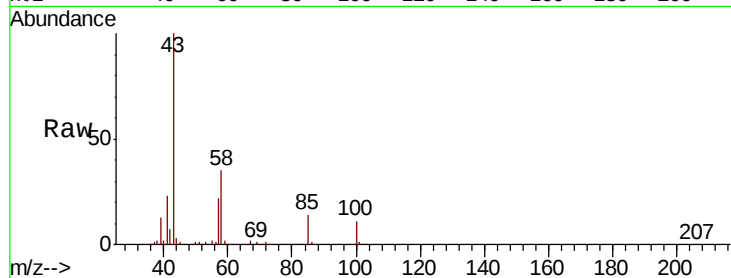




#51
 4-Methyl-2-Pentanone
 Concen: 255.333 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

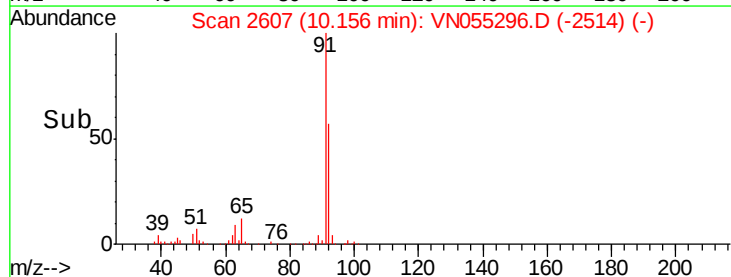
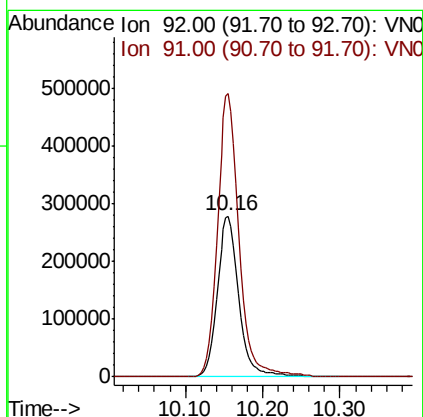
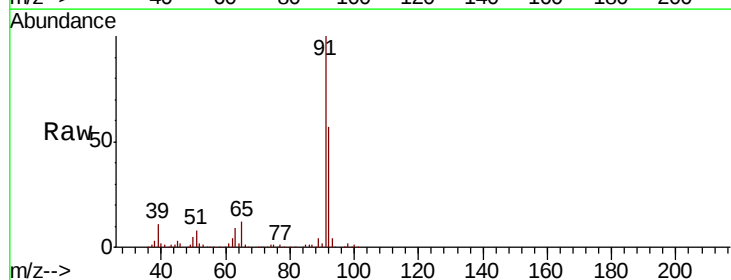
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

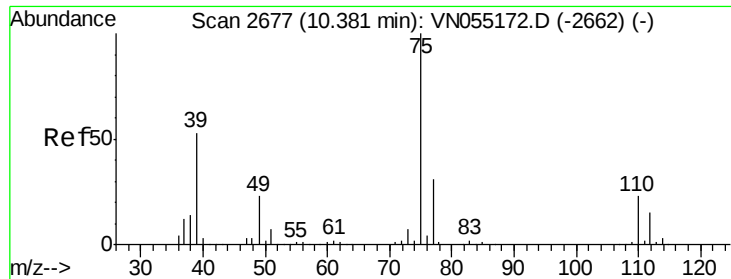
Tgt Ion: 43 Resp: 1168948
 Ion Ratio Lower Upper
 43 100
 58 35.2 28.5 42.7



#52
 Toluene
 Concen: 48.613 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

Tgt Ion: 92 Resp: 542855
 Ion Ratio Lower Upper
 92 100
 91 176.3 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 53.205 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

Instrument :

MSVOA_N

ClientSampleId :

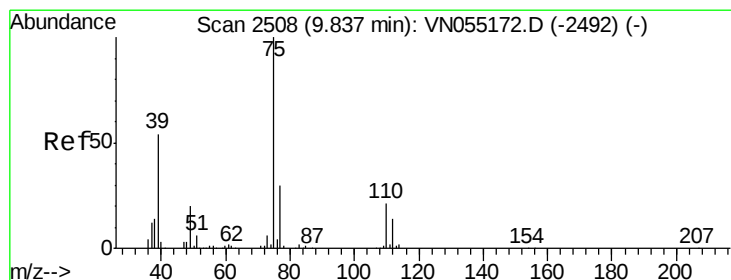
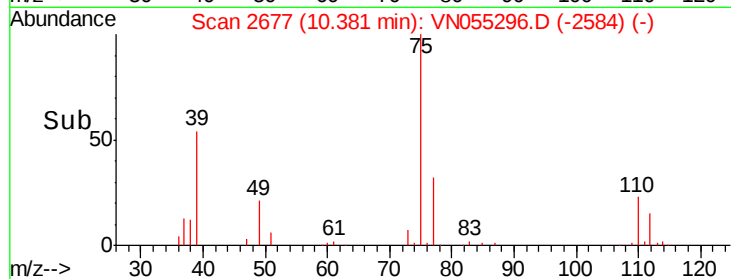
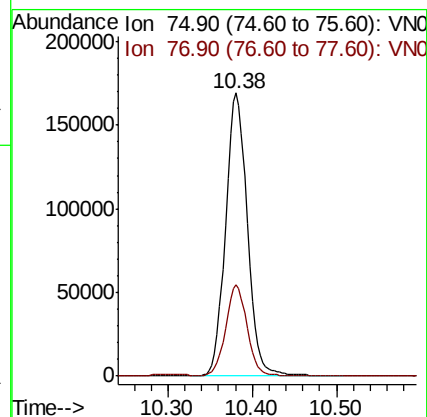
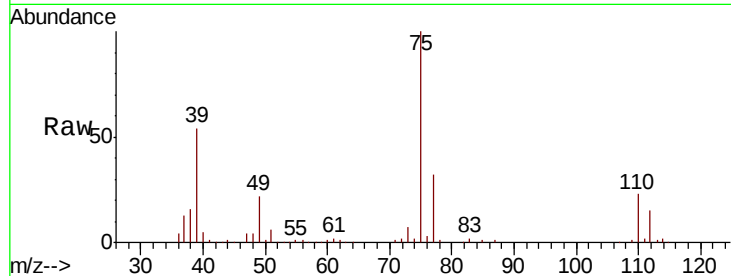
VSTDCCC050EC

Tgt Ion: 75 Resp: 304012

Ion Ratio Lower Upper

75 100

77 32.2 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 51.937 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

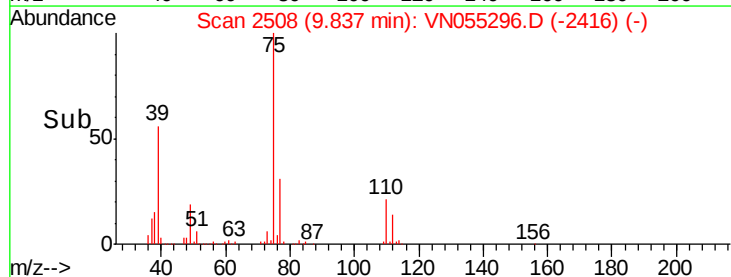
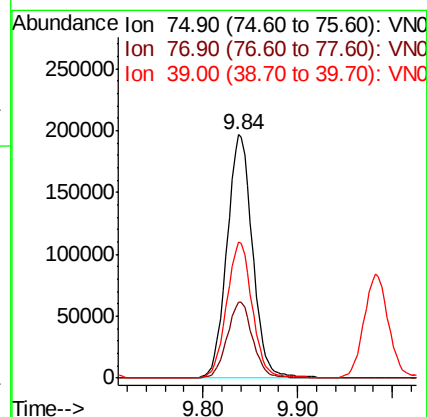
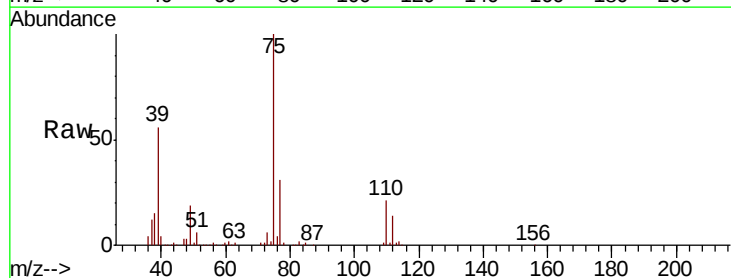
Tgt Ion: 75 Resp: 370011

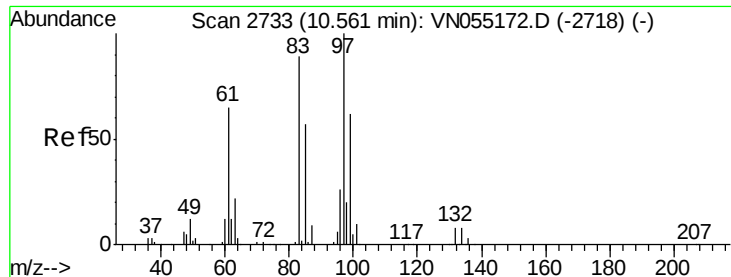
Ion Ratio Lower Upper

75 100

77 31.2 24.2 36.2

39 55.7 44.2 66.2

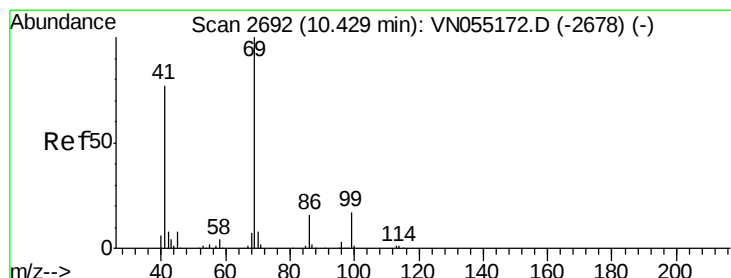
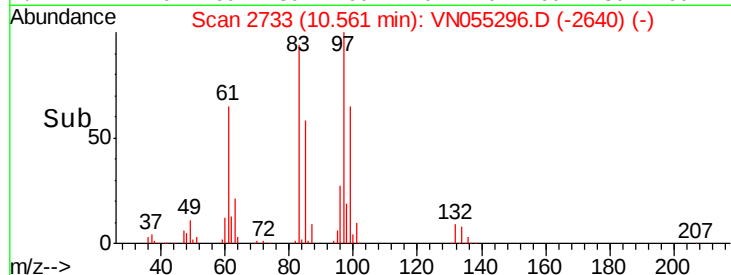
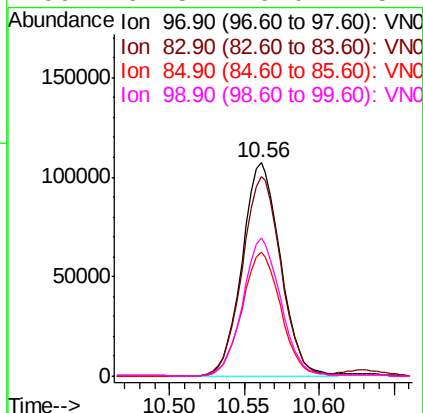
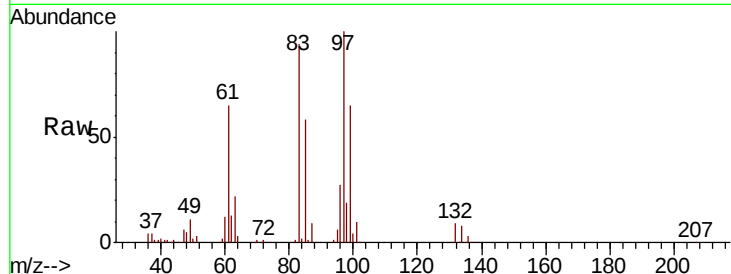




#55
 1,1,2-Trichloroethane
 Concen: 46.362 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

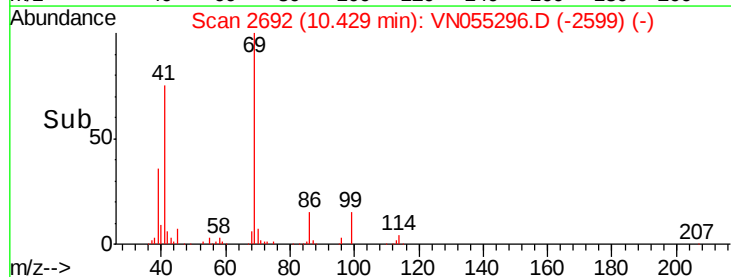
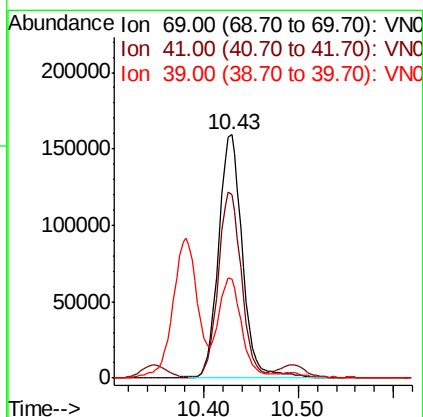
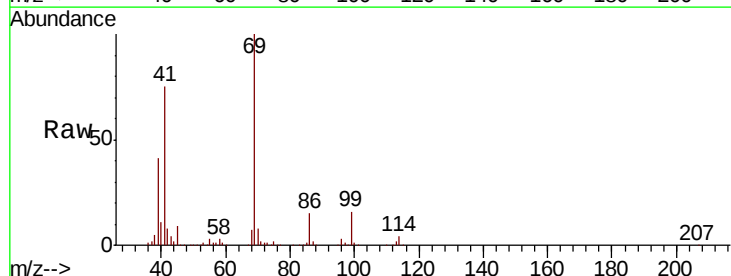
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

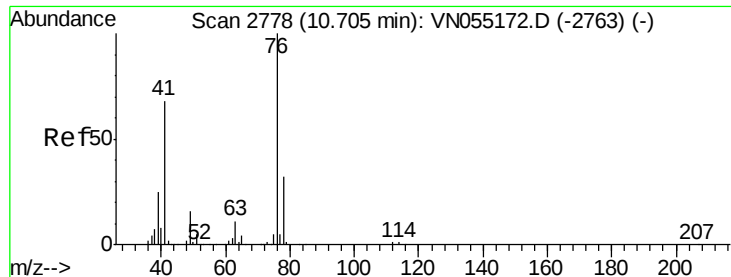
Tgt Ion:	97	Resp:	192249
Ion	Ratio	Lower	Upper
97	100		
83	93.5	72.8	109.2
85	58.2	47.0	70.6
99	64.8	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 54.840 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

Tgt Ion:	69	Resp:	279896
Ion	Ratio	Lower	Upper
69	100		
41	74.0	62.7	94.1
39	39.5	32.0	48.0





#57

1,3-Dichloropropane

Concen: 48.479 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

Instrument :

MSVOA_N

ClientSampleId :

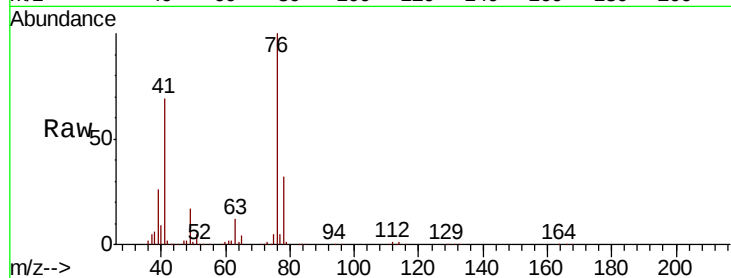
VSTDCCC050EC

Tgt Ion: 76 Resp: 352659

Ion Ratio Lower Upper

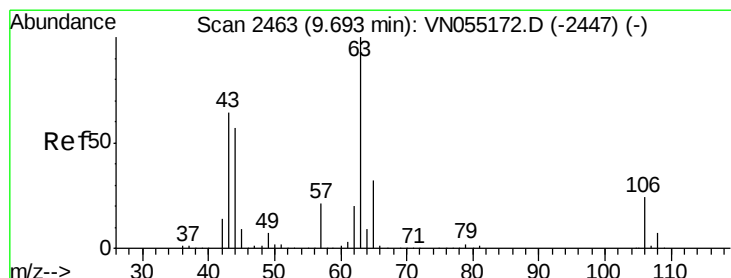
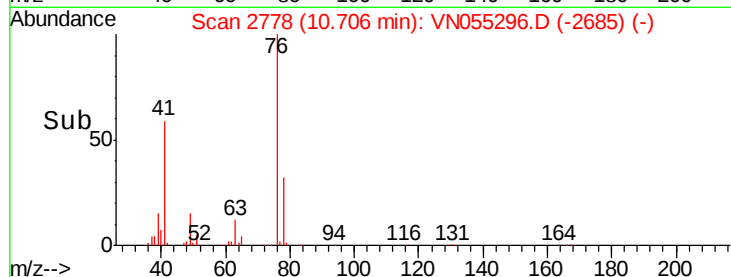
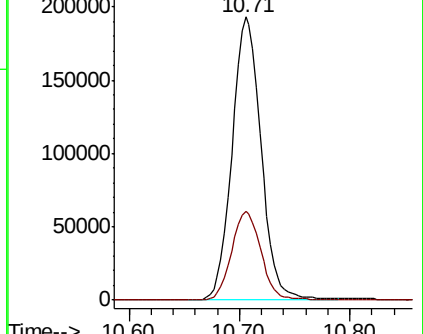
76 100

78 31.9 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: 304.000 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN055296.D

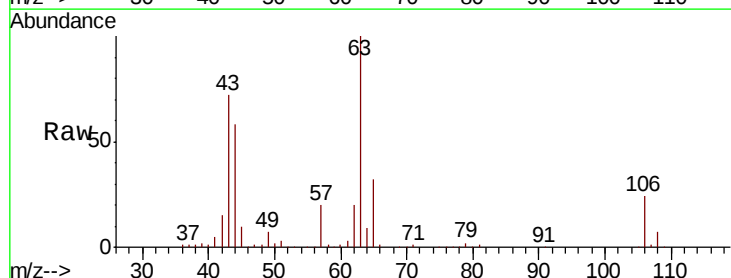
Acq: 29 Apr 2019 16:31

Tgt Ion: 63 Resp: 485999

Ion Ratio Lower Upper

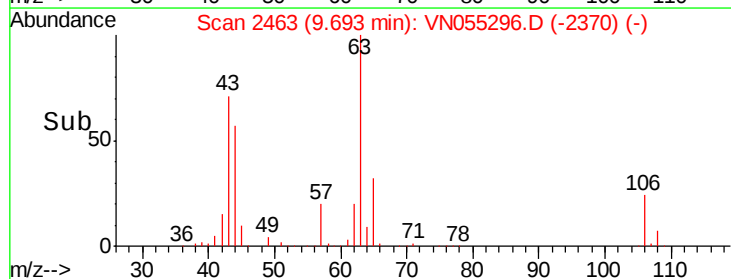
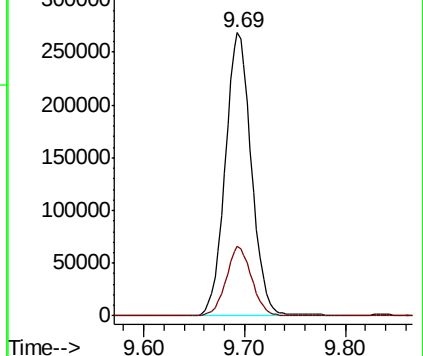
63 100

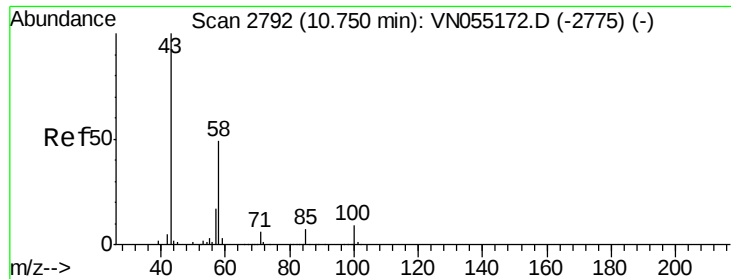
106 24.0 19.0 28.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

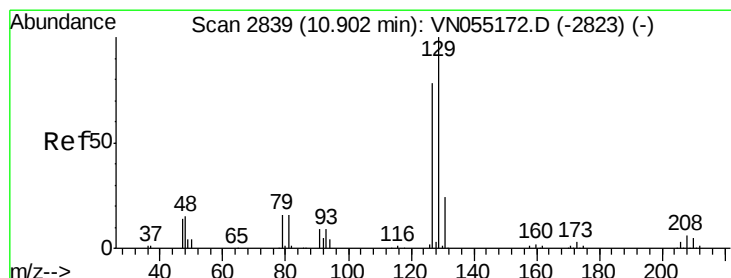
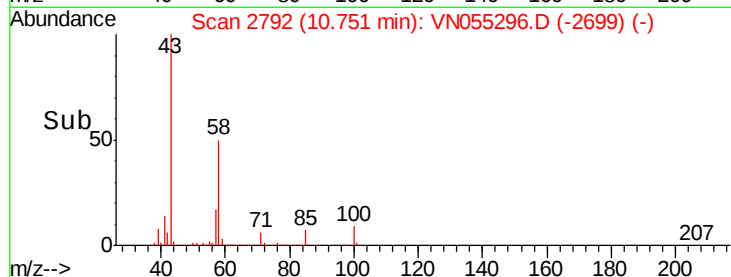
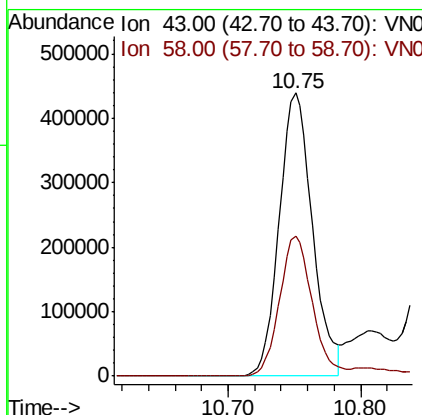
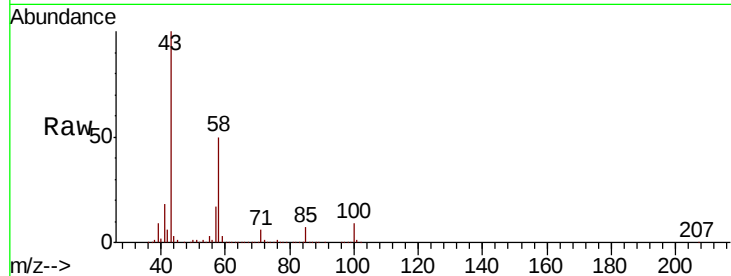




#59
2-Hexanone
Concen: 268.816 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

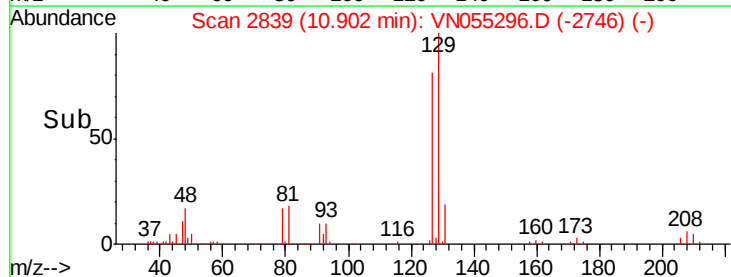
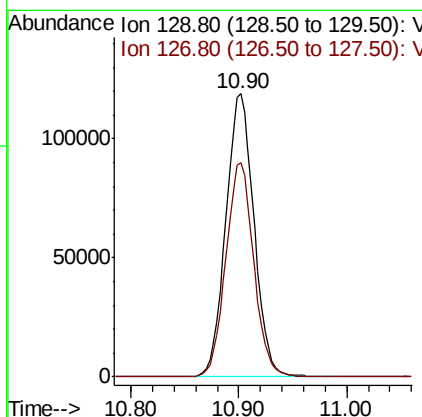
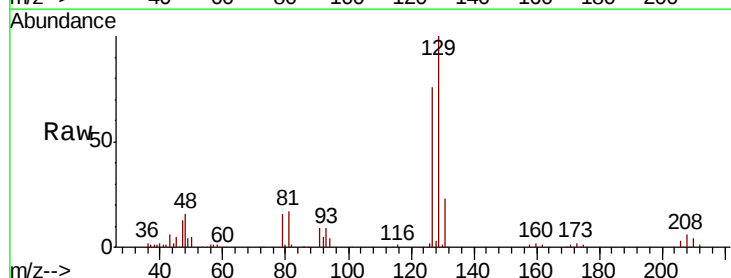
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

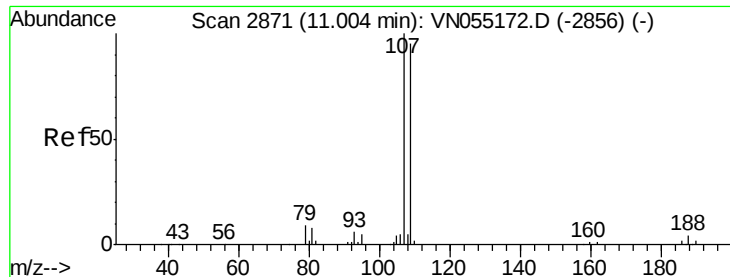
Tgt Ion: 43 Resp: 770015
Ion Ratio Lower Upper
43 100
58 49.1 24.9 74.6



#60
Dibromochloromethane
Concen: 51.005 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

Tgt Ion: 129 Resp: 216162
Ion Ratio Lower Upper
129 100
127 75.1 38.1 114.5

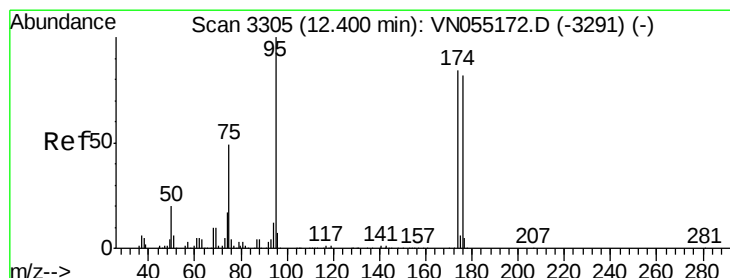
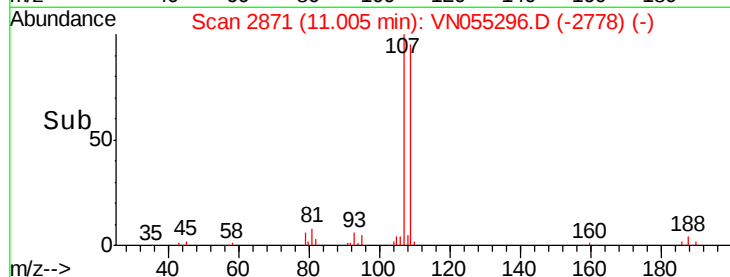
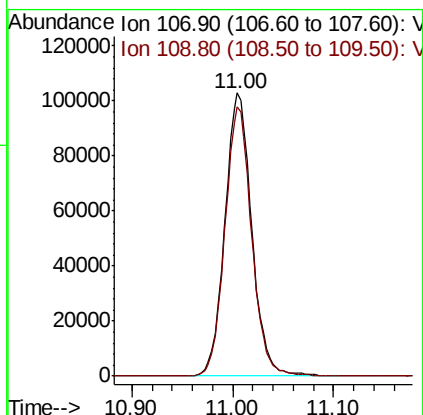
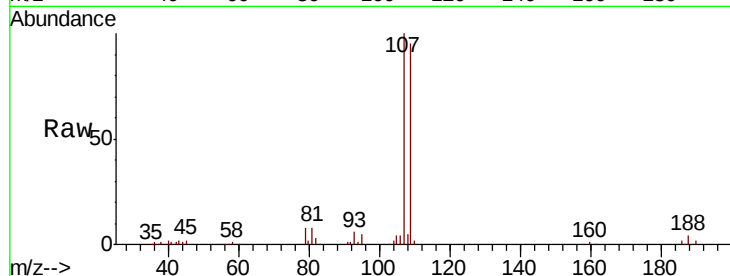




#61
 1,2-Dibromoethane
 Concen: 49.896 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

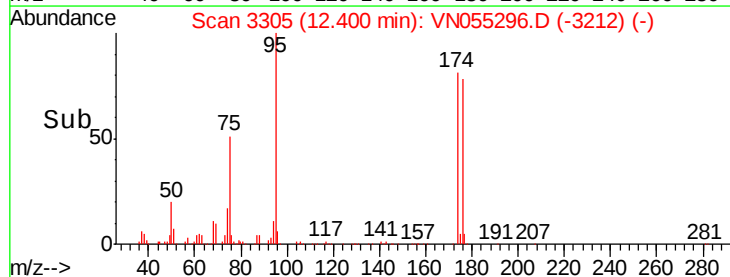
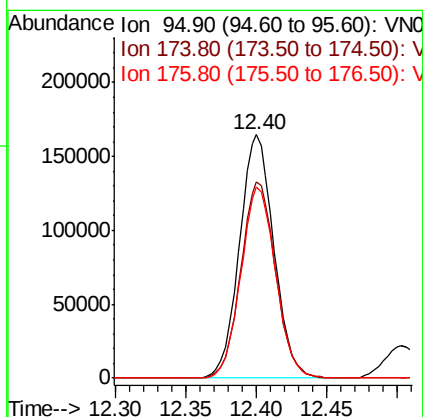
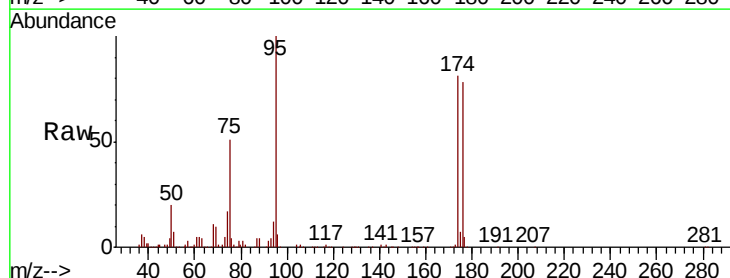
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

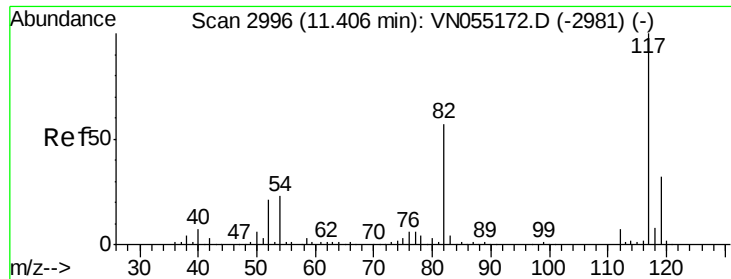
Tgt Ion: 107 Resp: 191239
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 55.107 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

Tgt Ion: 95 Resp: 281345
 Ion Ratio Lower Upper
 95 100
 174 81.5 0.0 166.6
 176 79.3 0.0 157.8

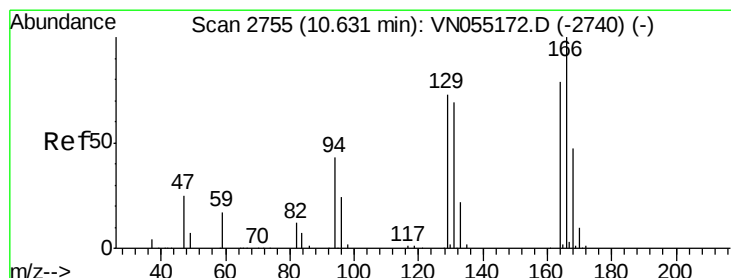
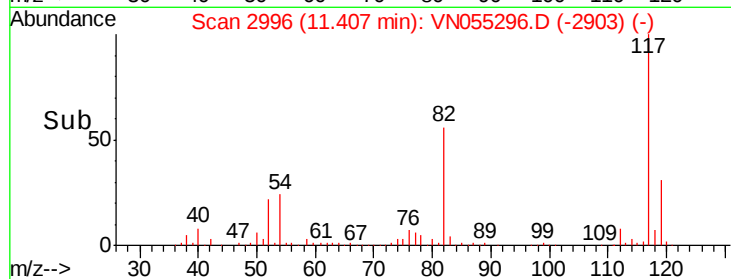
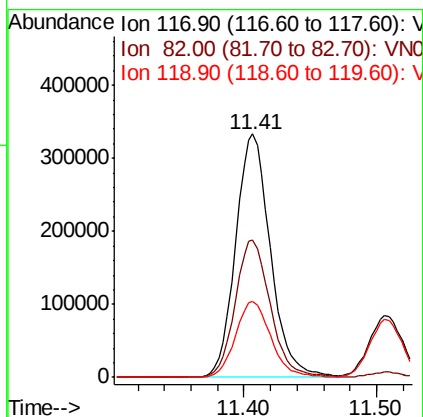
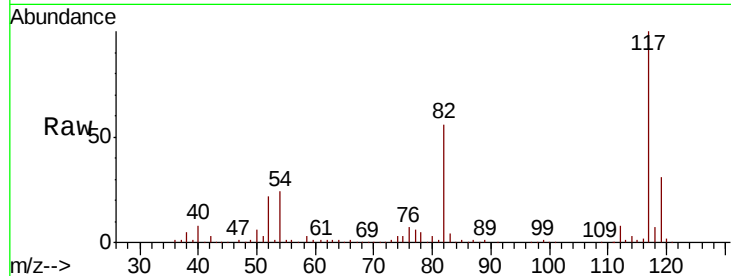




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

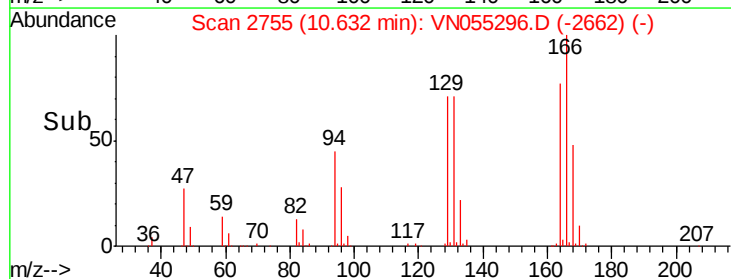
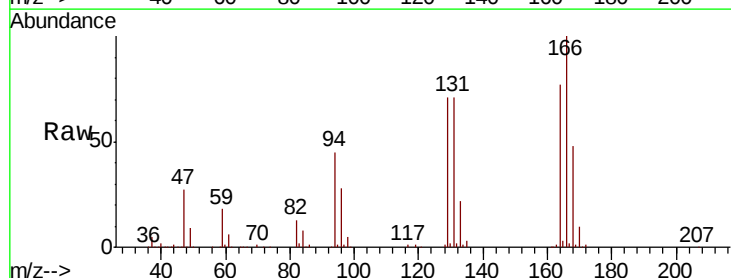
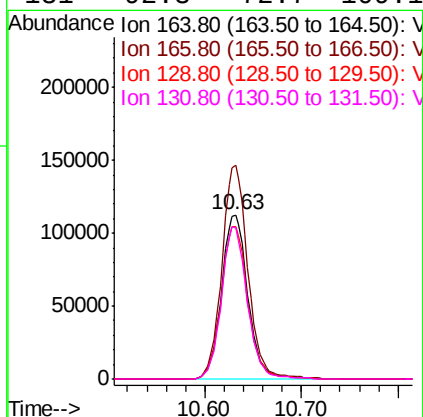
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

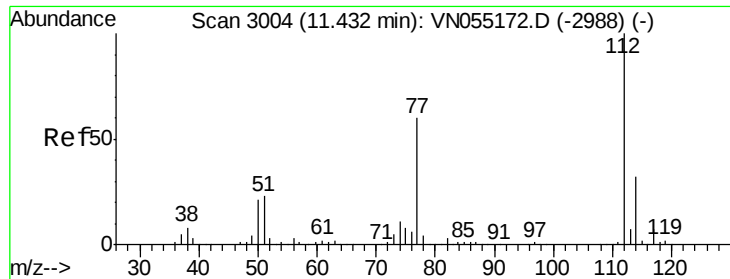
Tgt Ion:117 Resp: 607563
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 31.2 26.6 40.0



#64
Tetrachloroethene
Concen: 42.832 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

Tgt Ion:164 Resp: 212810
Ion Ratio Lower Upper
164 100
166 130.2 102.3 153.5
129 92.7 75.0 112.6
131 92.3 72.7 109.1

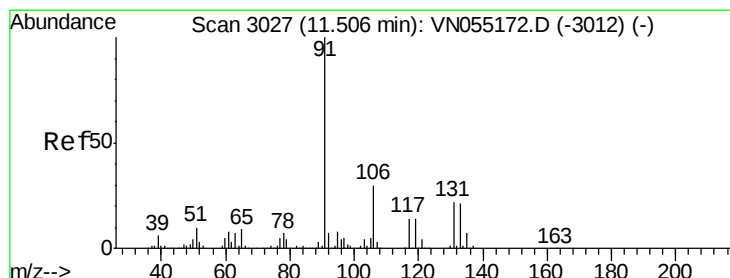
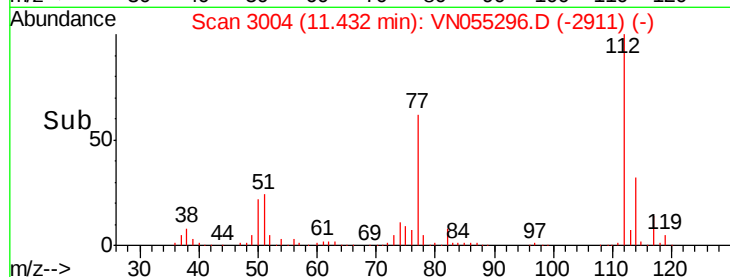
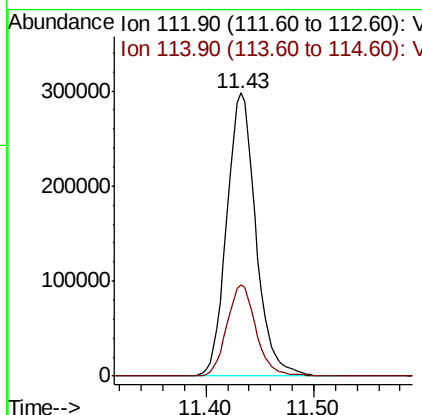
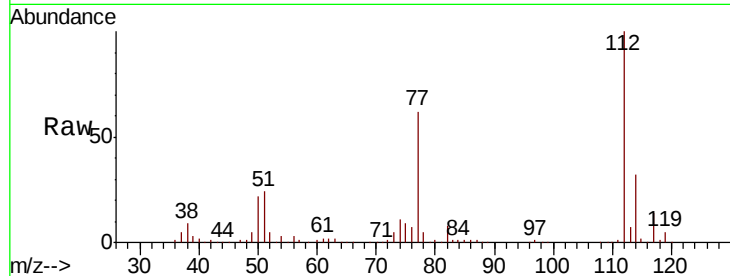




#65
Chlorobenzene
Concen: 47.099 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

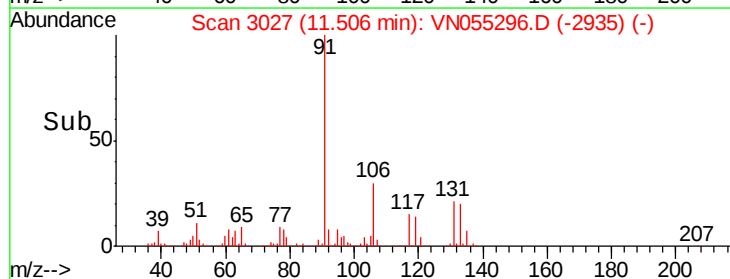
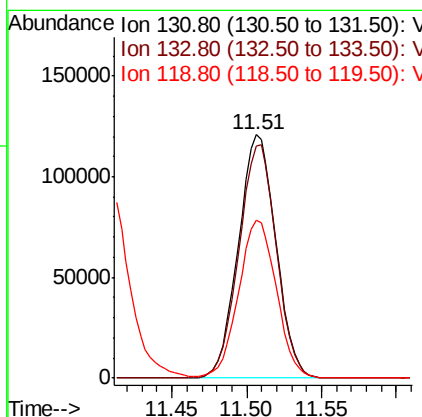
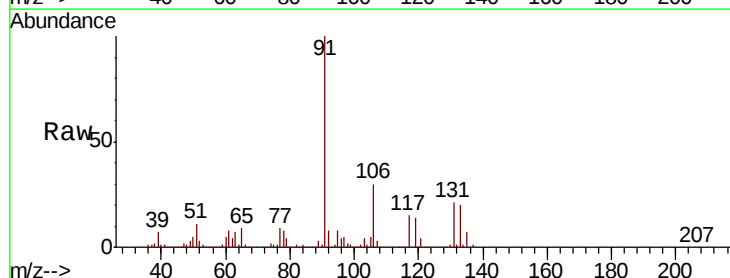
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

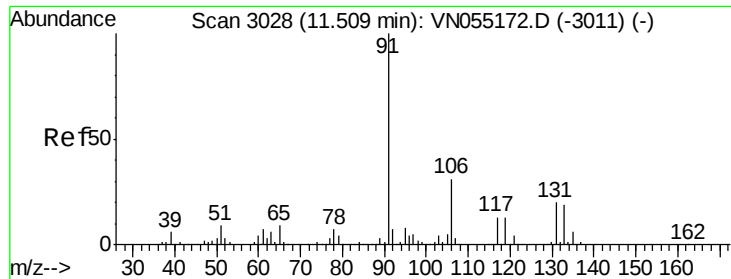
Tgt Ion:112 Resp: 559480
Ion Ratio Lower Upper
112 100
114 32.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 45.511 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

Tgt Ion:131 Resp: 211684
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 65.1 32.7 98.1

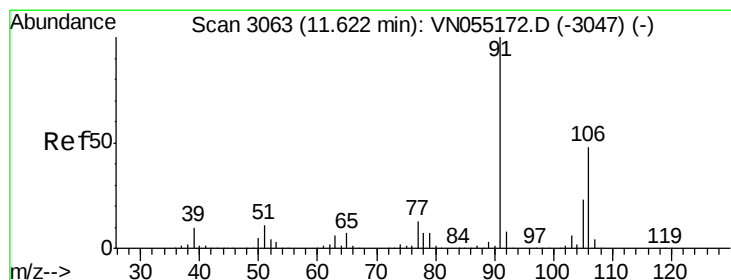
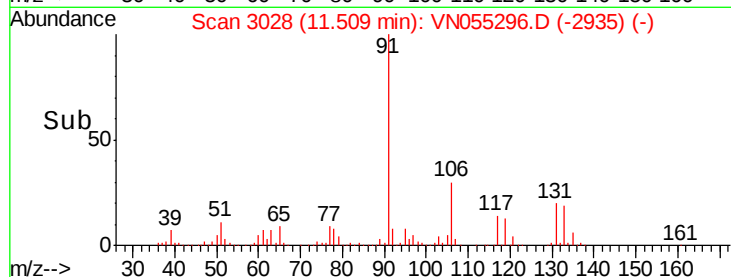
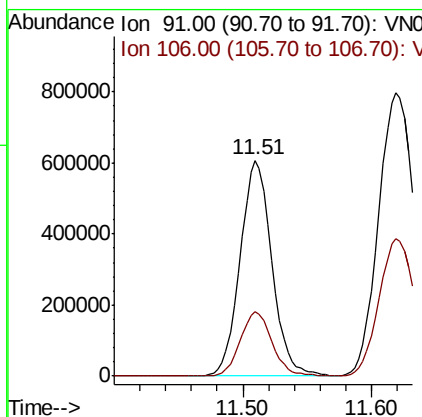
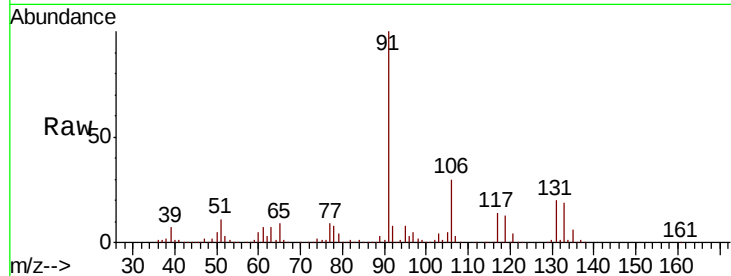




#67
Ethyl Benzene
Concen: 48.579 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

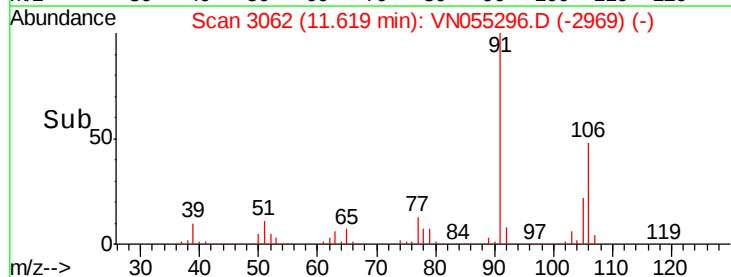
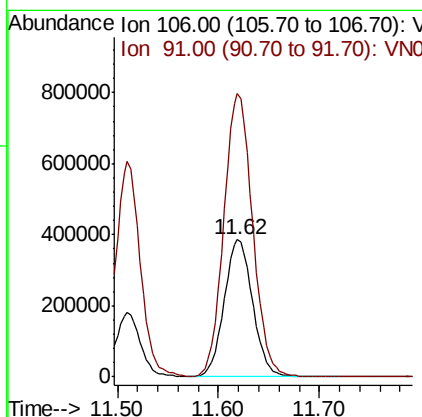
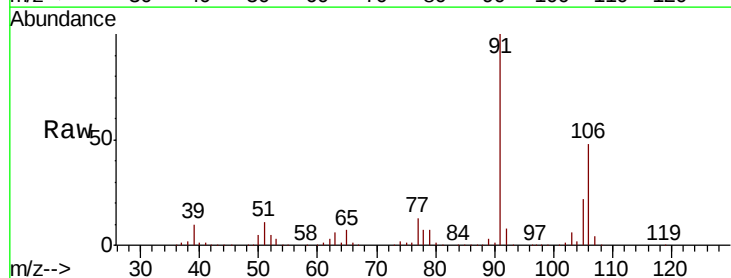
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

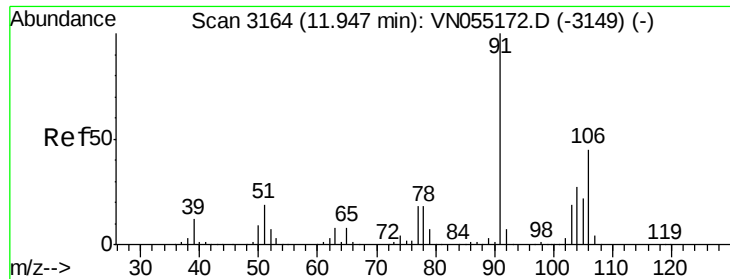
Tgt Ion: 91 Resp: 1042042
Ion Ratio Lower Upper
91 100
106 29.9 24.6 36.8



#68
m/p-Xylenes
Concen: 99.224 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

Tgt Ion: 106 Resp: 759717
Ion Ratio Lower Upper
106 100
91 208.6 169.5 254.3

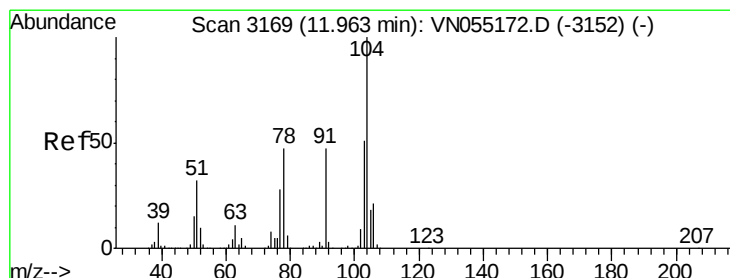
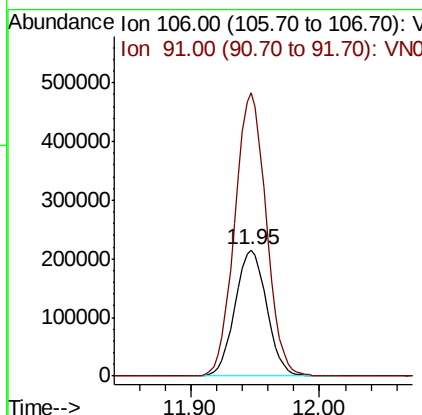
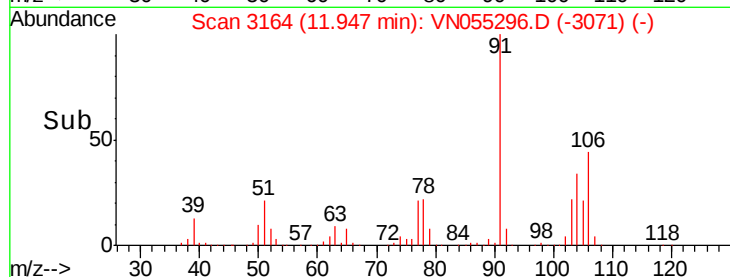
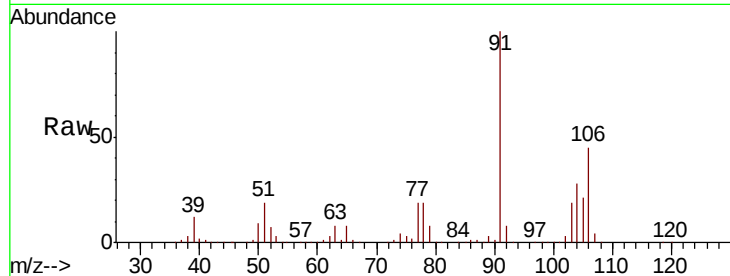




#69
o-Xylene
Concen: 48.553 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

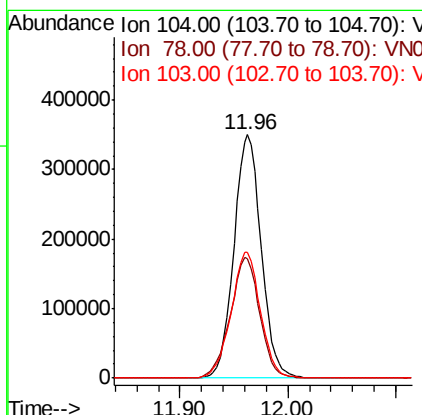
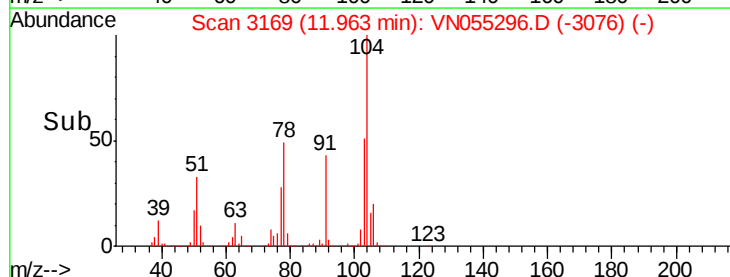
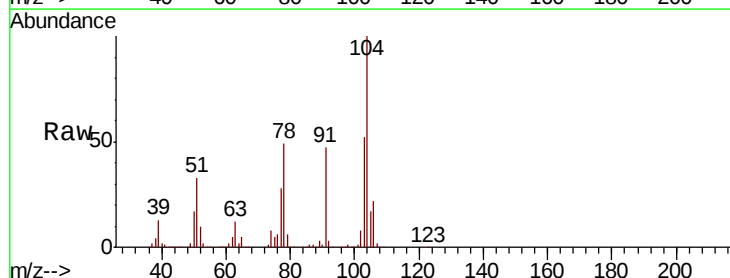
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

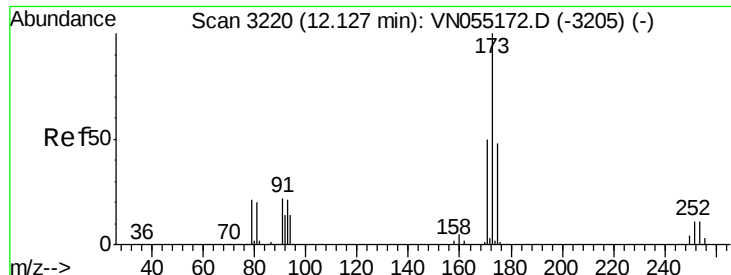
Tgt Ion:106 Resp: 368466
Ion Ratio Lower Upper
106 100
91 222.1 111.5 334.5



#70
Styrene
Concen: 53.076 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

Tgt Ion:104 Resp: 618447
Ion Ratio Lower Upper
104 100
78 53.3 42.2 63.2
103 55.7 44.6 67.0

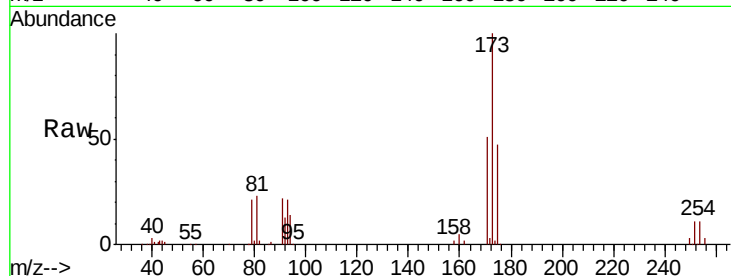




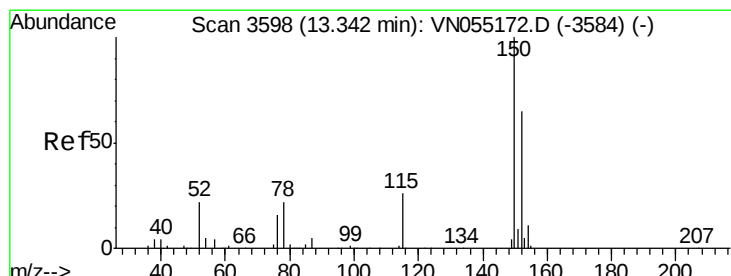
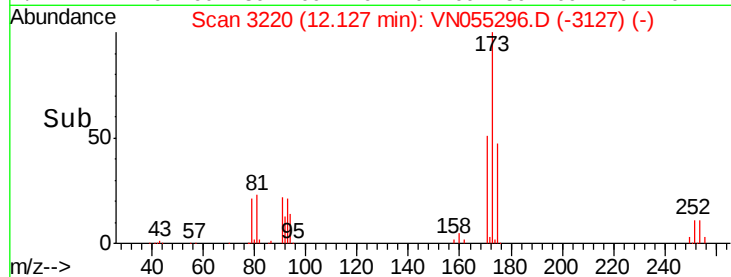
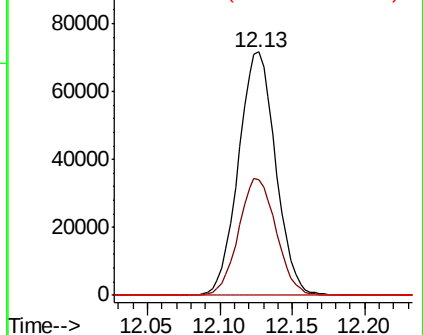
#71
 Bromoform
 Concen: 49.540 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:173 Resp: 127860
 Ion Ratio Lower Upper
 173 100
 175 48.3 23.6 71.0
 254 0.1 0.0 0.0#

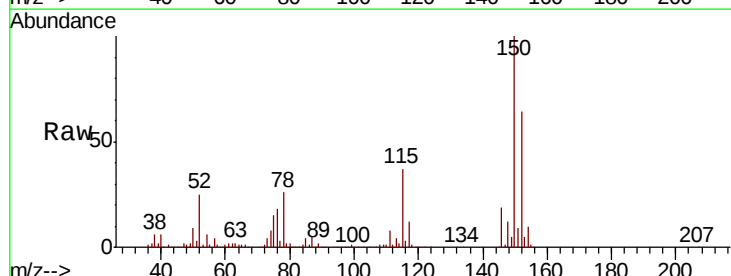


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

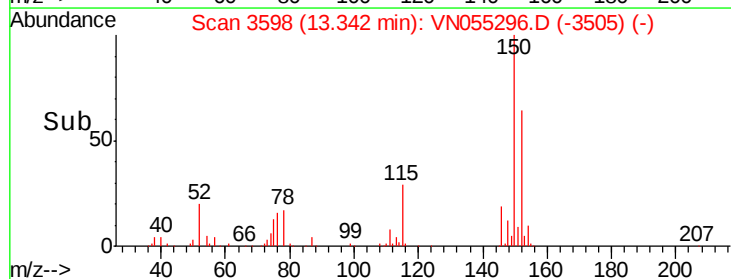
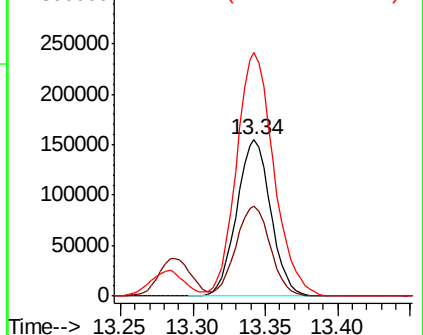


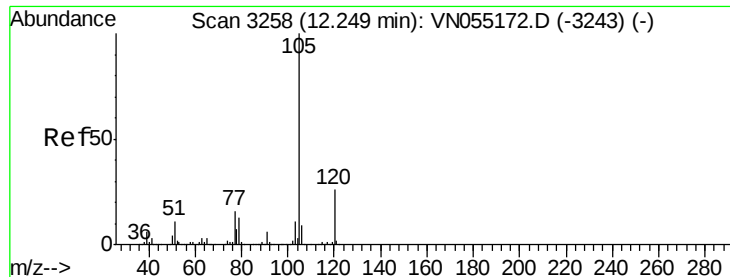
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

Tgt Ion:152 Resp: 251933
 Ion Ratio Lower Upper
 152 100
 115 58.1 29.0 87.0
 150 171.2 0.0 345.6



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





#73

Isopropylbenzene

Concen: 48.818 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

Instrument :

MSVOA_N

ClientSampleId :

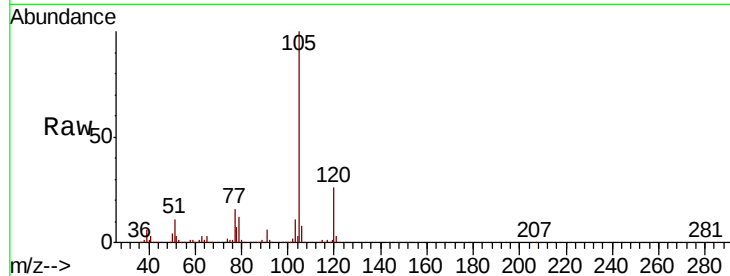
VSTDCCC050EC

Tgt Ion: 105 Resp: 980119

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

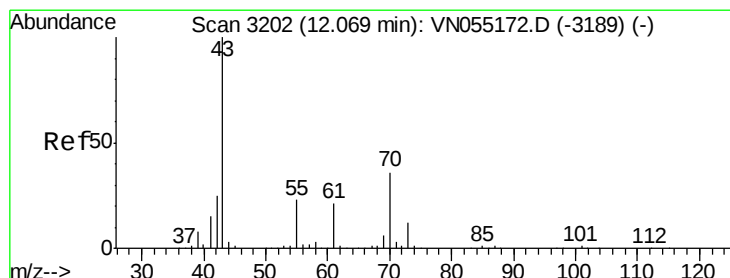
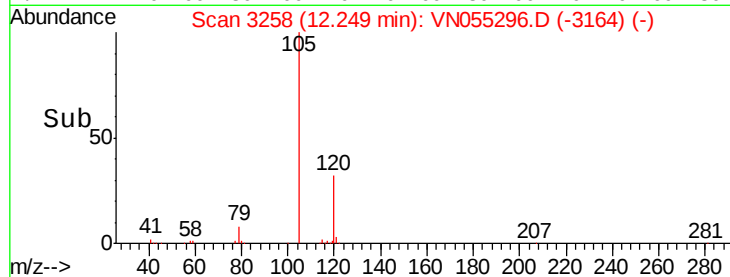
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 57.646 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

Tgt Ion: 43 Resp: 372715

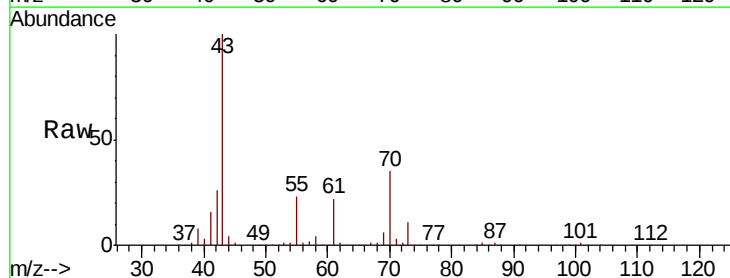
Ion Ratio Lower Upper

43 100

70 35.3 27.9 41.9

55 22.9 18.2 27.2

61 21.3 16.9 25.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.07

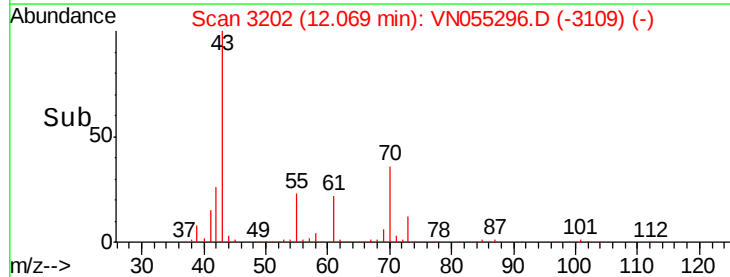
300000

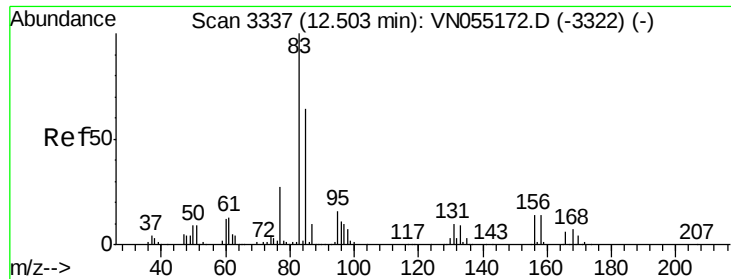
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.255 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

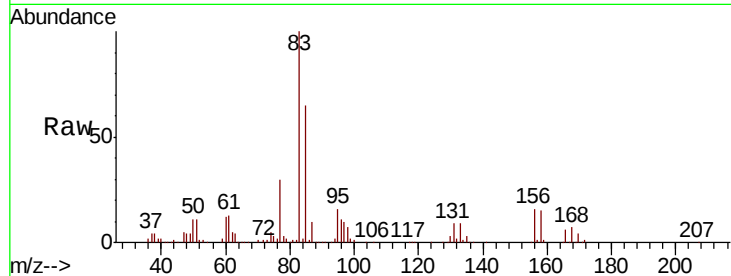
Tgt Ion: 83 Resp: 241424

Ion Ratio Lower Upper

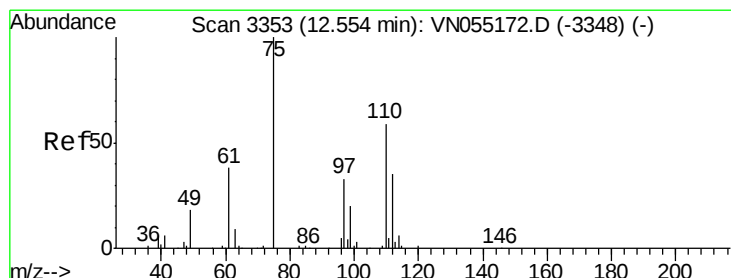
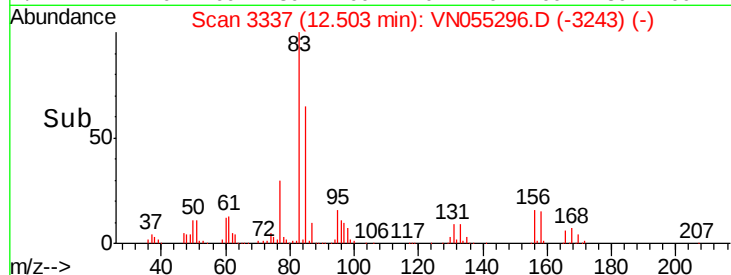
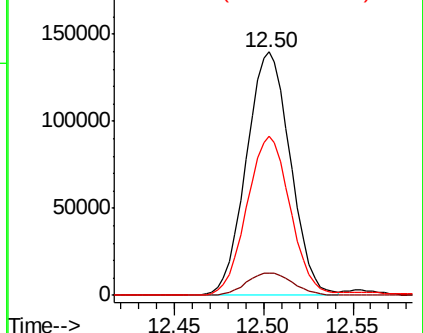
83 100

131 9.6 5.1 15.2

85 64.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 62.339 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055296.D

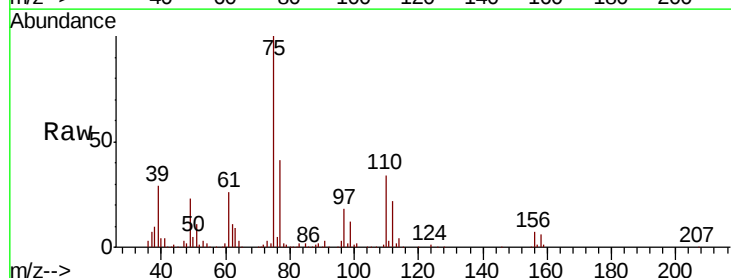
Acq: 29 Apr 2019 16:31

Tgt Ion: 75 Resp: 289014

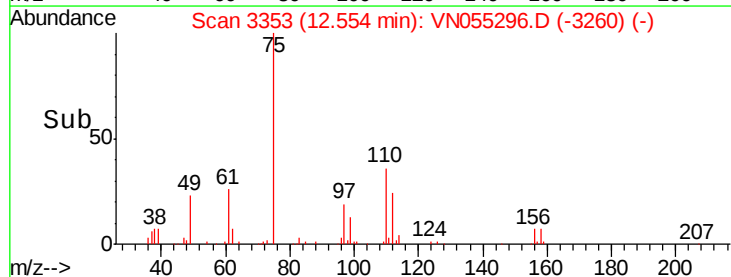
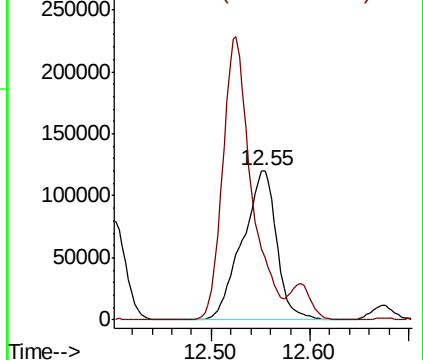
Ion Ratio Lower Upper

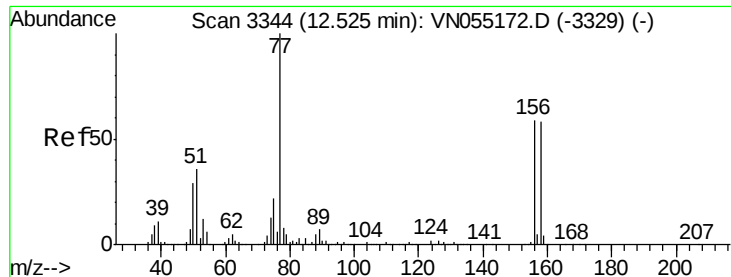
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 49.653 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

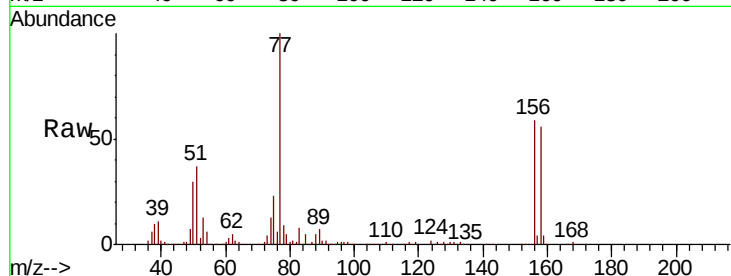
Tgt Ion:156 Resp: 238703

Ion Ratio Lower Upper

156 100

77 195.8 99.6 298.8

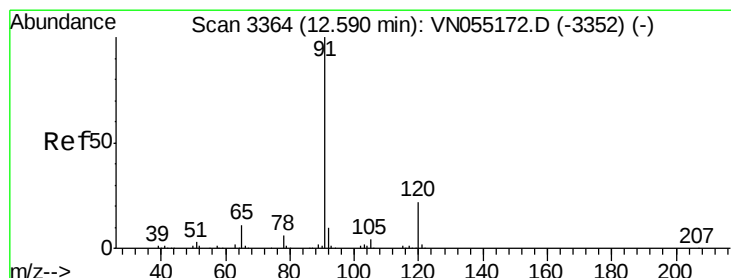
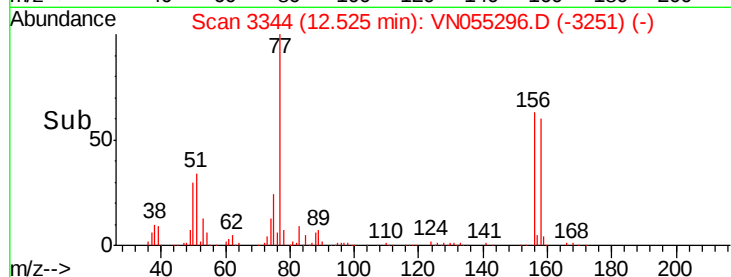
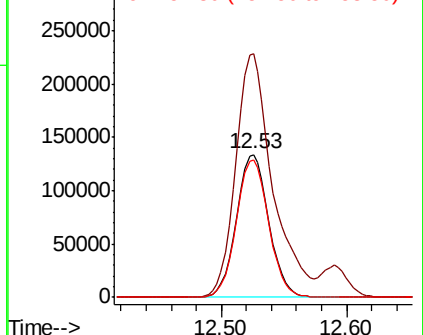
158 96.7 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 43.120 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055296.D

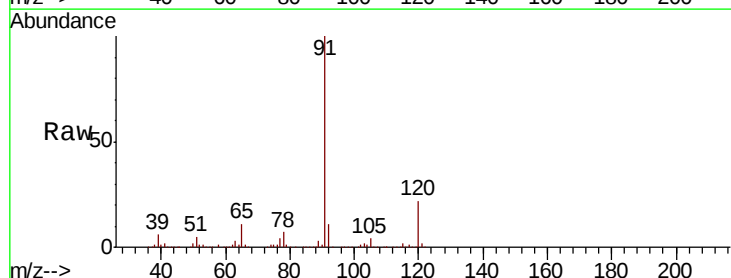
Acq: 29 Apr 2019 16:31

Tgt Ion: 91 Resp: 1115901

Ion Ratio Lower Upper

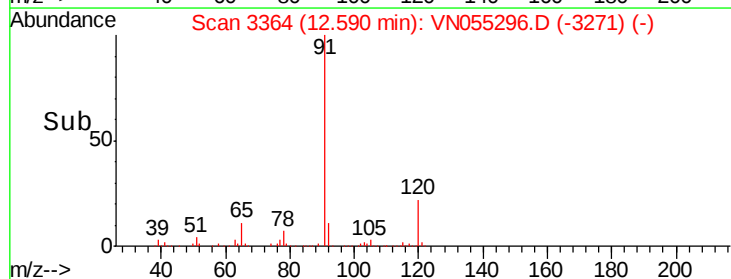
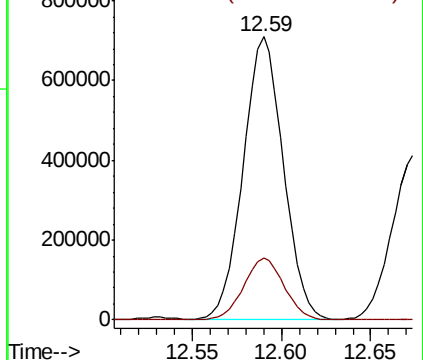
91 100

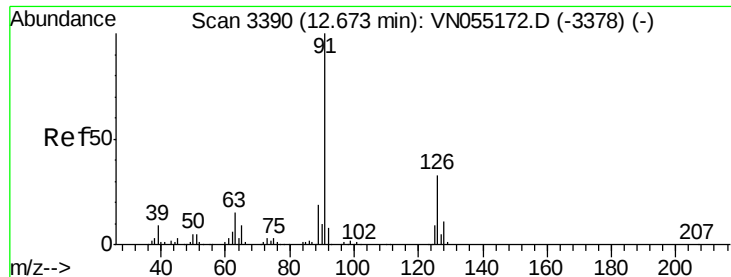
120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.440 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

Instrument :

MSVOA_N

ClientSampleId :

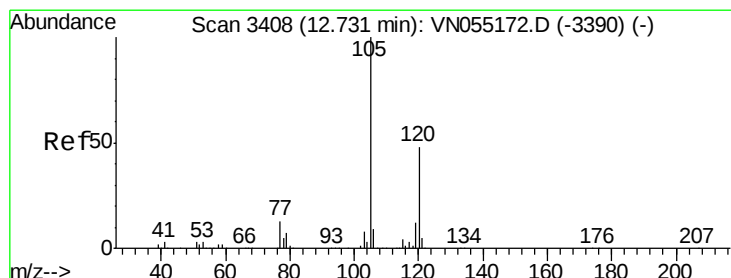
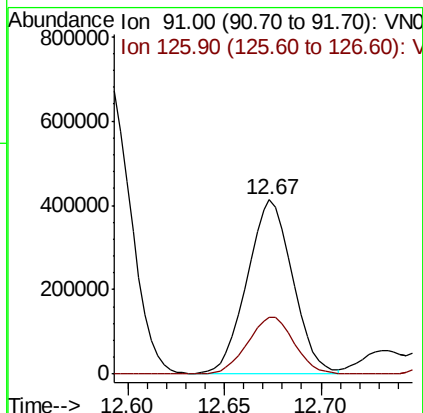
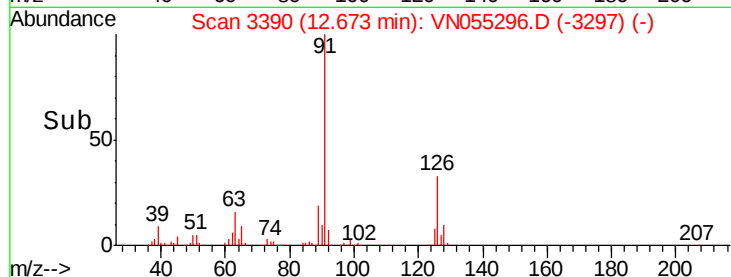
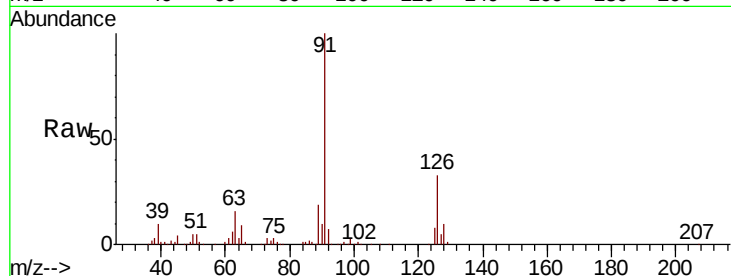
VSTDCCC050EC

Tgt Ion: 91 Resp: 675441

Ion Ratio Lower Upper

91 100

126 33.5 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 41.349 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055296.D

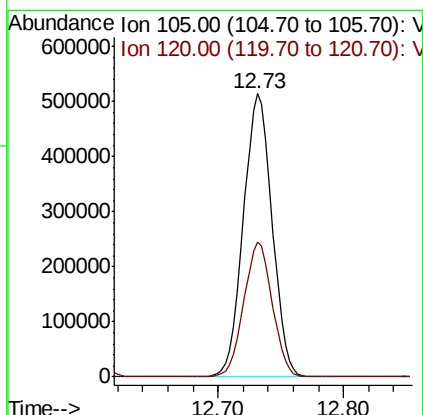
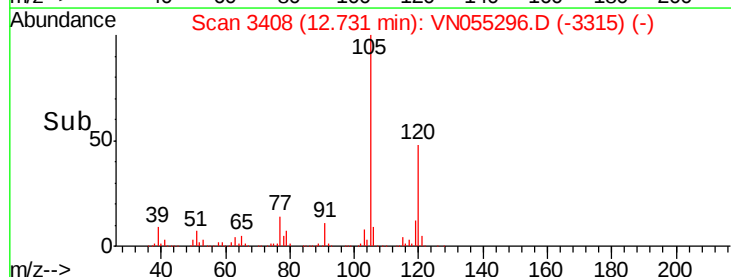
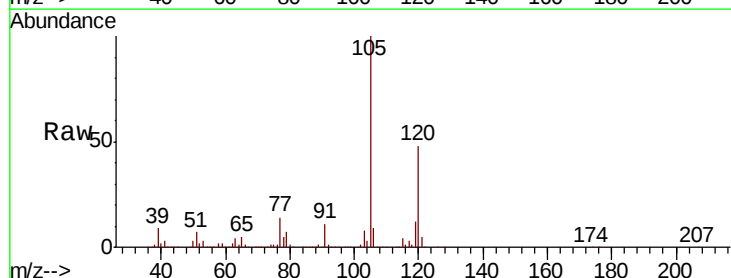
Acq: 29 Apr 2019 16:31

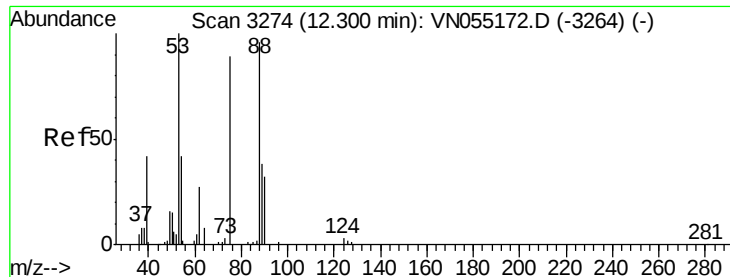
Tgt Ion: 105 Resp: 816677

Ion Ratio Lower Upper

105 100

120 47.4 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 44.798 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

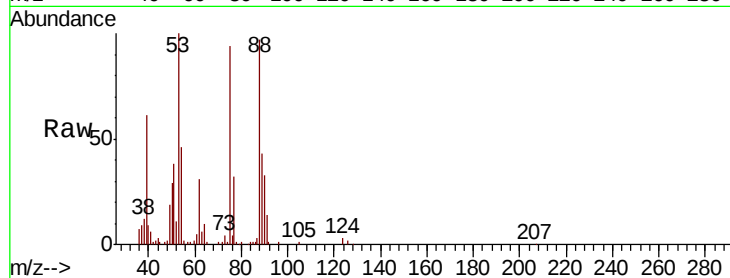
Tgt Ion: 75 Resp: 59555

Ion Ratio Lower Upper

75 100

53 108.5 86.3 129.5

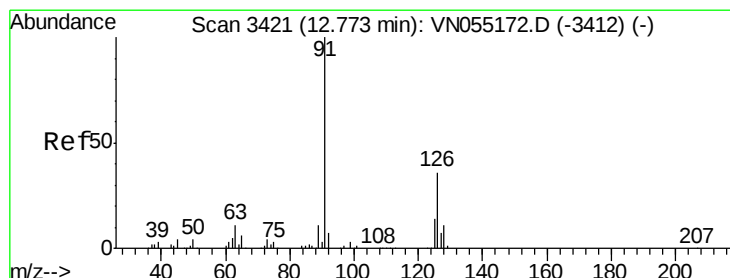
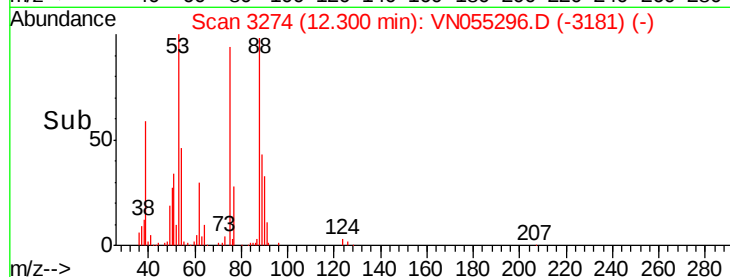
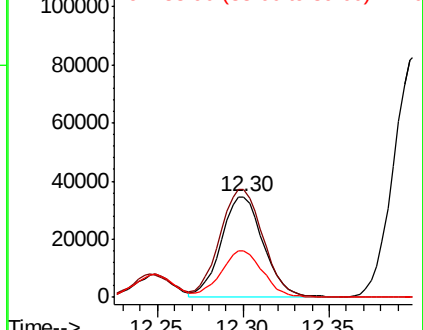
89 45.3 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 44.100 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055296.D

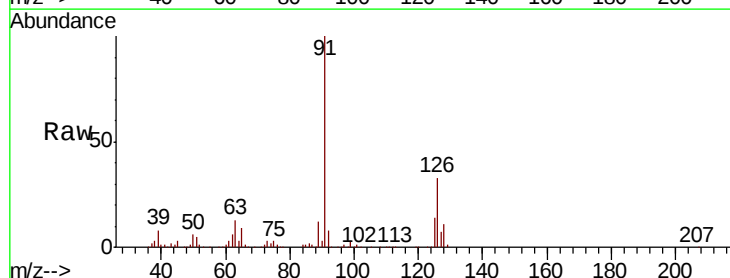
Acq: 29 Apr 2019 16:31

Tgt Ion: 91 Resp: 663559

Ion Ratio Lower Upper

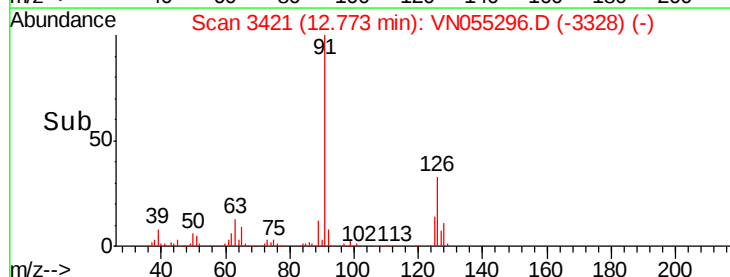
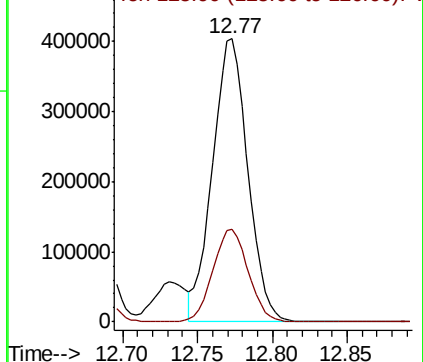
91 100

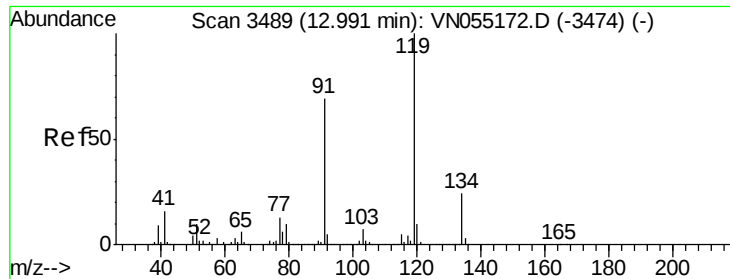
126 32.8 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

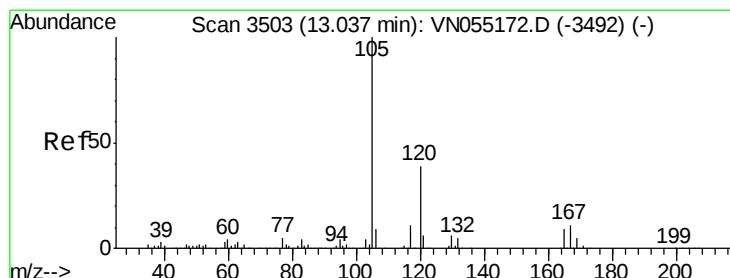
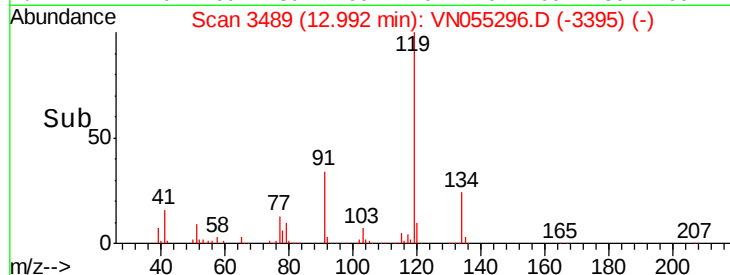
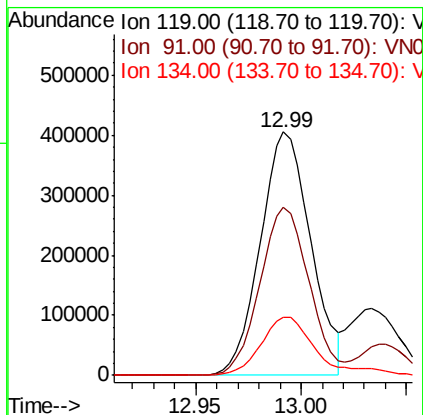
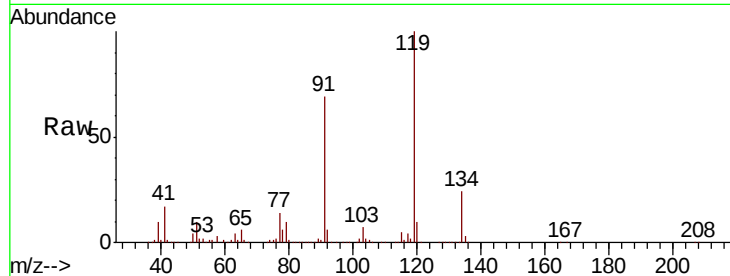




#83
 tert-Butylbenzene
 Concen: 48.245 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

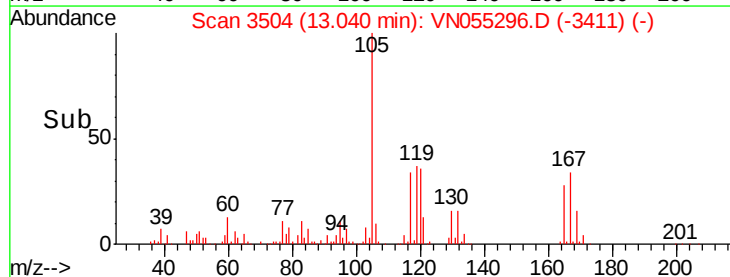
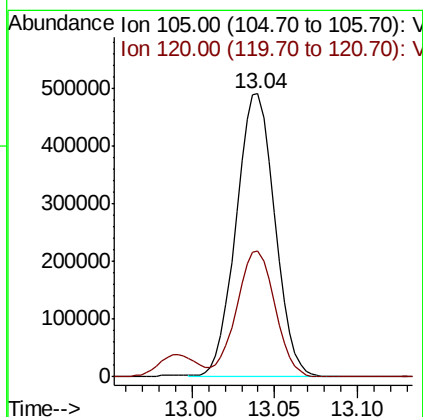
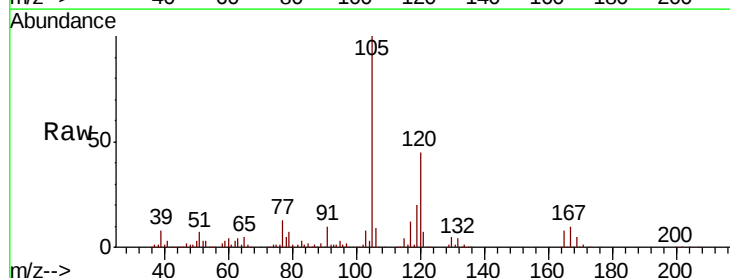
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

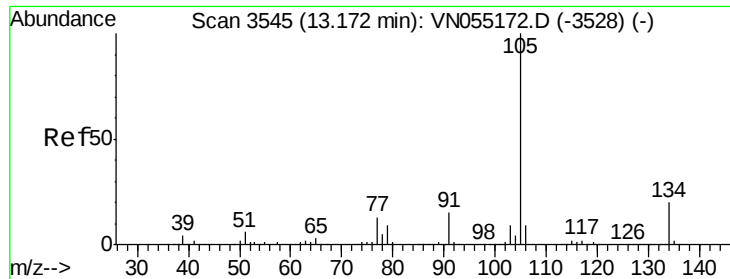
Tgt Ion:119 Resp: 675882
 Ion Ratio Lower Upper
 119 100
 91 67.3 34.3 102.9
 134 26.2 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 45.141 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

Tgt Ion:105 Resp: 797380
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.1 66.5

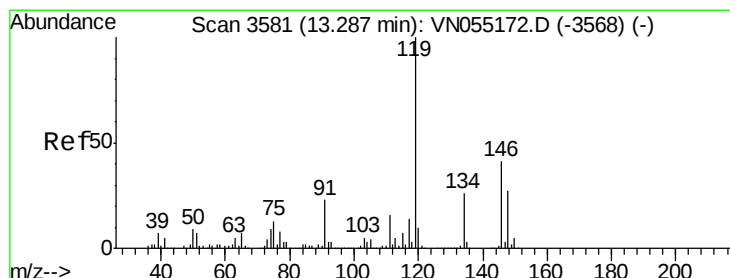
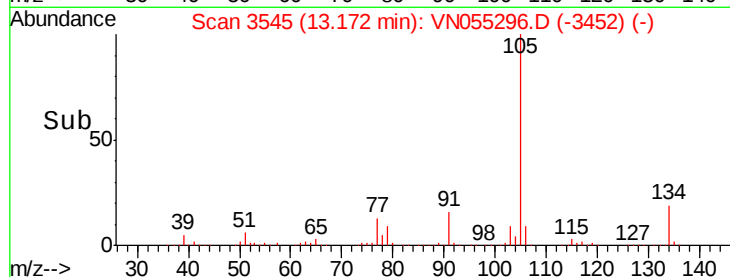
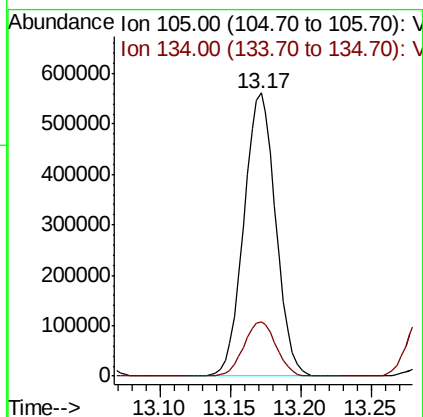
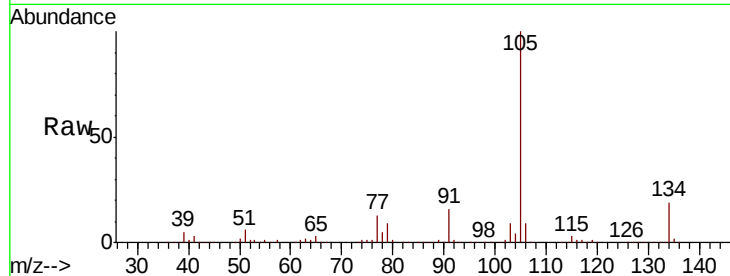




#85
 sec-Butylbenzene
 Concen: 41.335 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

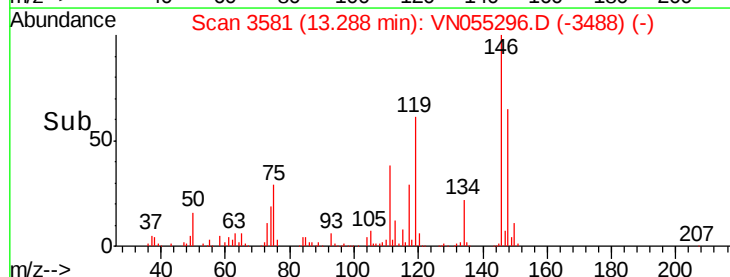
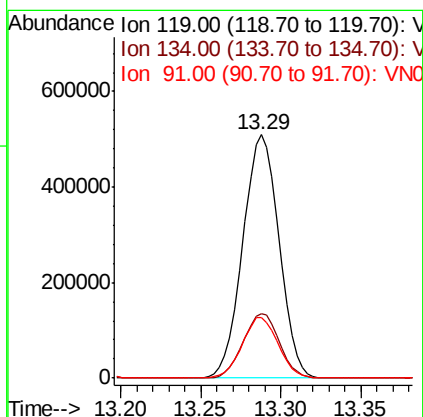
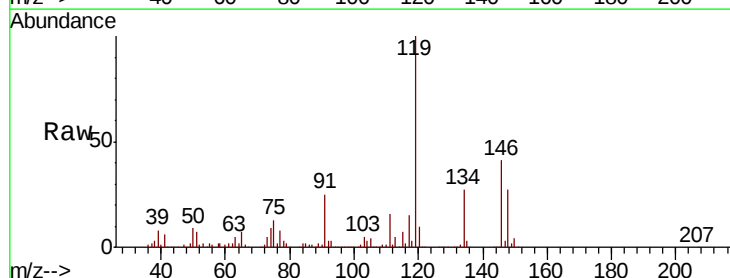
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

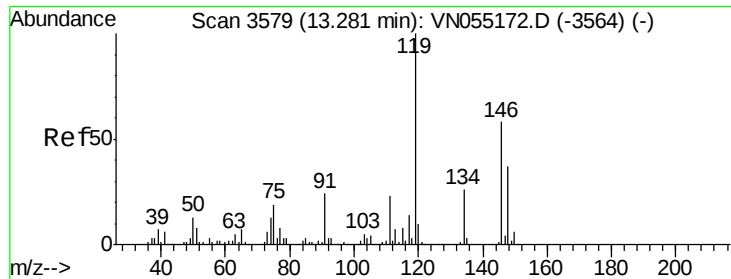
Tgt Ion:105 Resp: 887353
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 44.669 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

Tgt Ion:119 Resp: 788140
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 38.9
 91 24.7 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 46.989 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

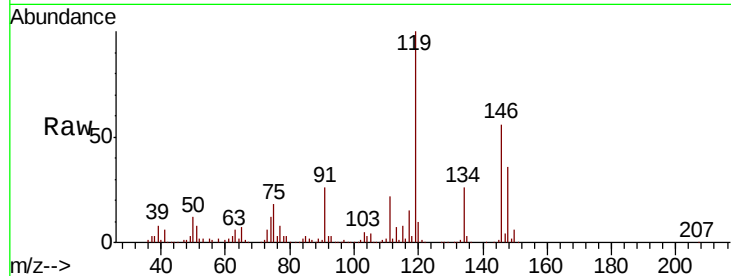
Tgt Ion:146 Resp: 396129

Ion Ratio Lower Upper

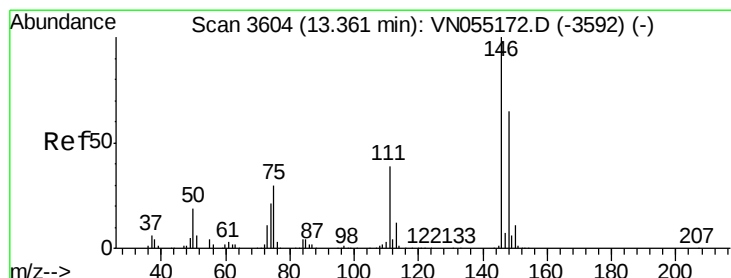
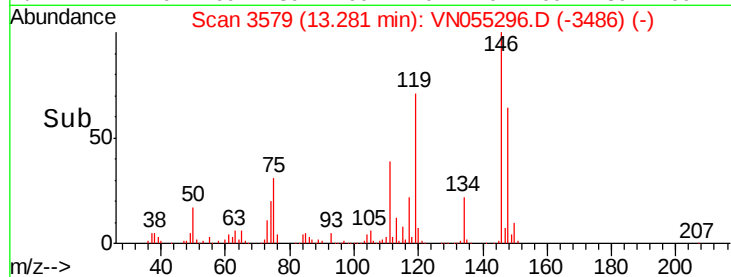
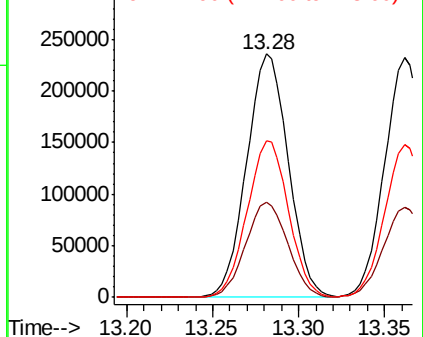
146 100

111 39.6 20.3 60.8

148 63.7 32.5 97.5



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



#88

1,4-Dichlorobenzene

Concen: 48.520 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

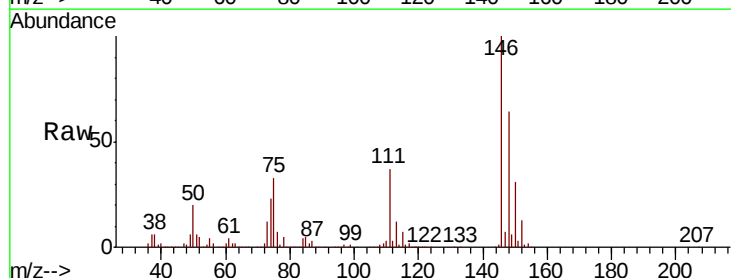
Tgt Ion:146 Resp: 385203

Ion Ratio Lower Upper

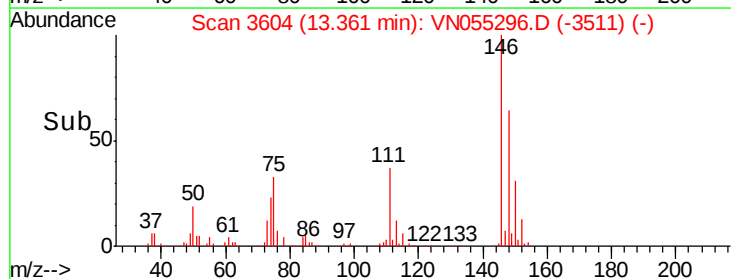
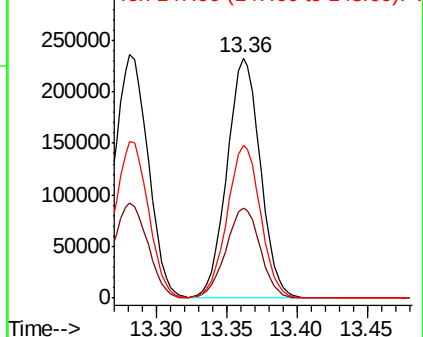
146 100

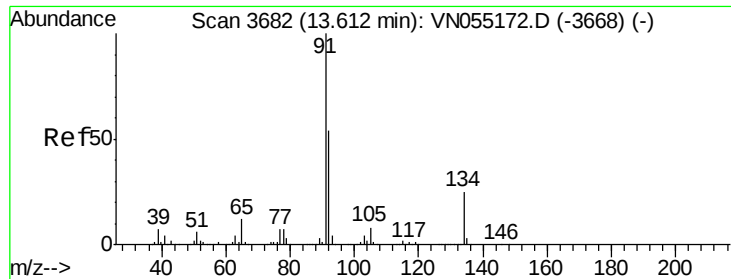
111 38.4 19.5 58.5

148 63.8 32.5 97.4



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

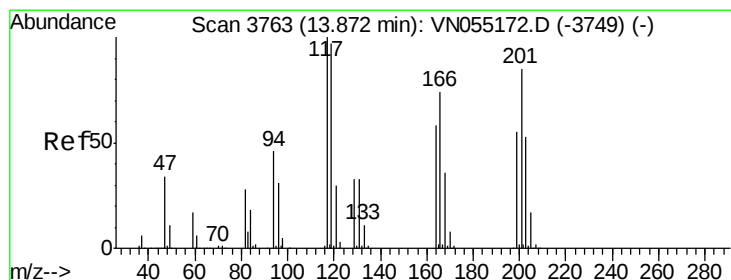
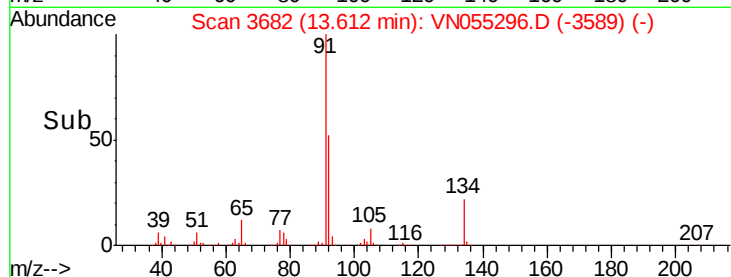
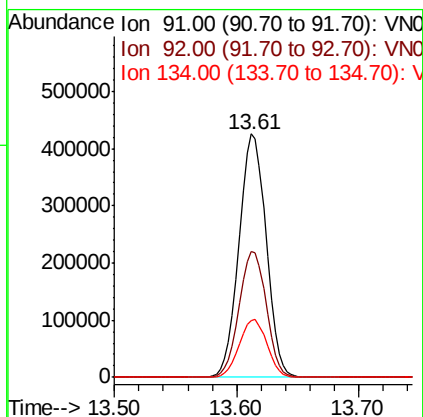
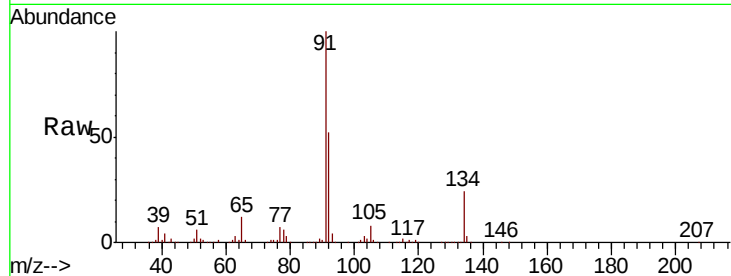




#89
n-Butylbenzene
Concen: 52.103 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

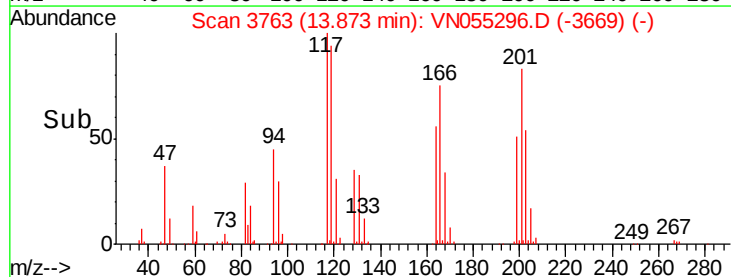
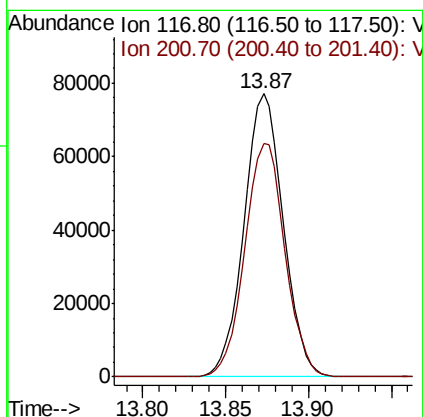
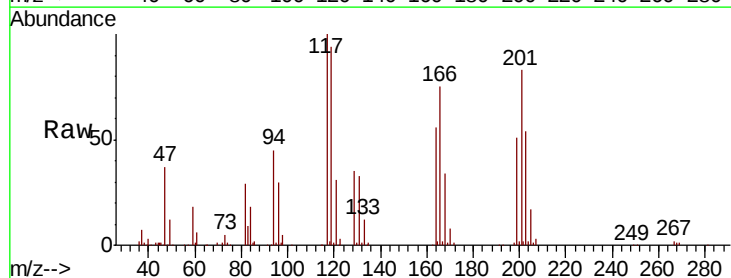
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

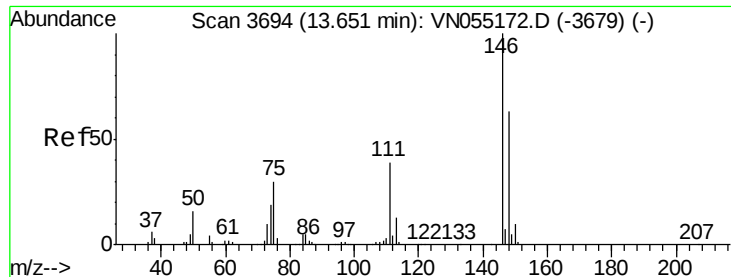
Tgt Ion: 91 Resp: 653253
Ion Ratio Lower Upper
91 100
92 52.0 26.1 78.3
134 24.3 12.4 37.4



#90
Hexachloroethane
Concen: 45.424 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

Tgt Ion: 117 Resp: 127305
Ion Ratio Lower Upper
117 100
201 84.3 41.9 125.8





#91

1,2-Dichlorobenzene

Concen: 45.648 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

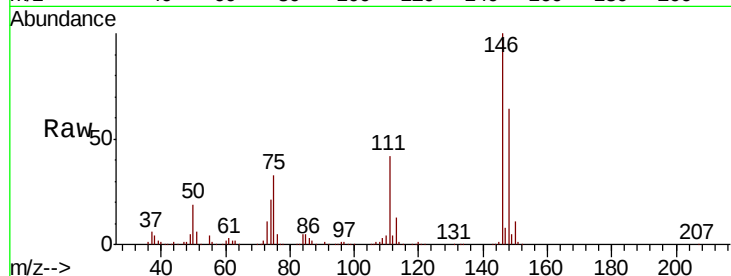
Tgt Ion: 146 Resp: 381410

Ion Ratio Lower Upper

146 100

111 41.1 20.3 61.0

148 63.8 32.4 97.2

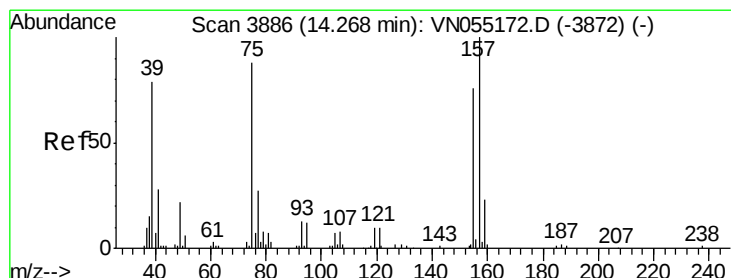
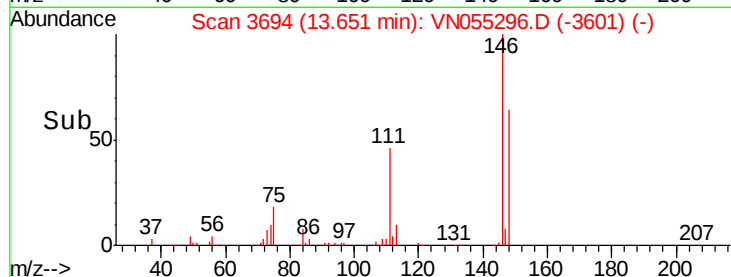
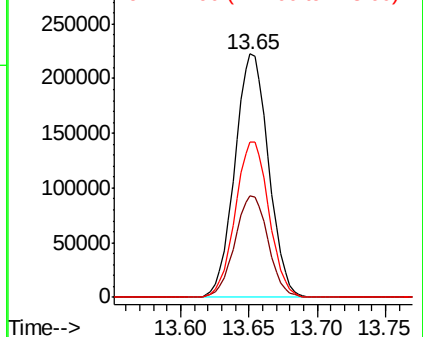


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.429 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN055296.D

Acq: 29 Apr 2019 16:31

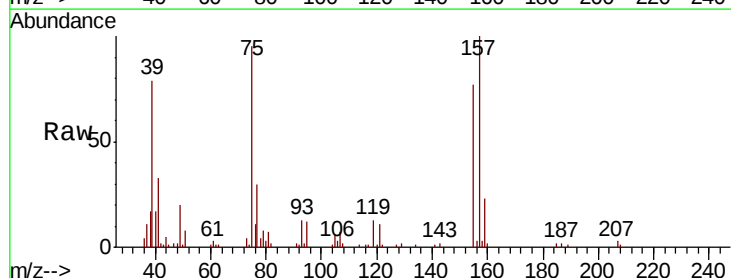
Tgt Ion: 75 Resp: 33424

Ion Ratio Lower Upper

75 100

155 81.6 41.5 124.6

157 107.4 54.0 162.2

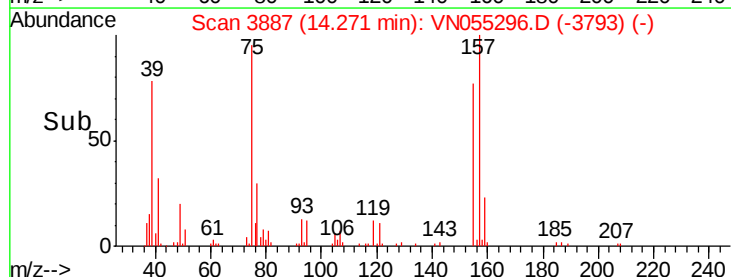
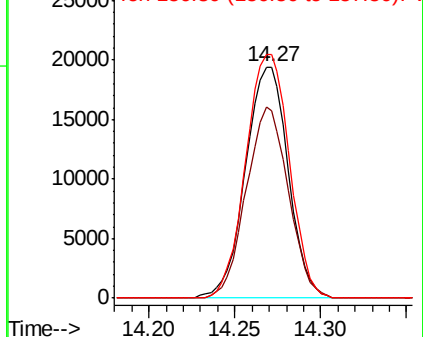


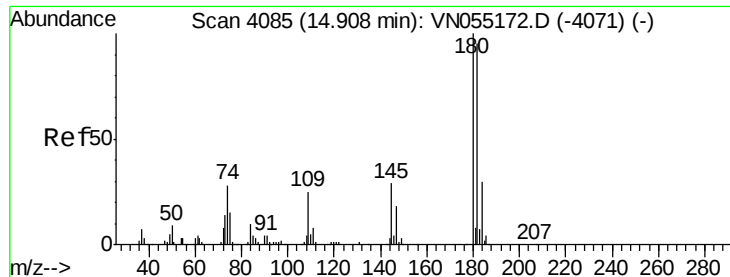
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

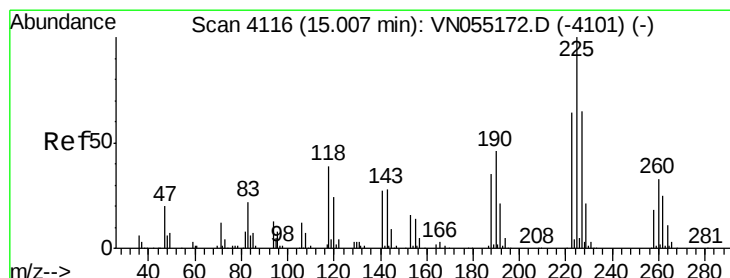
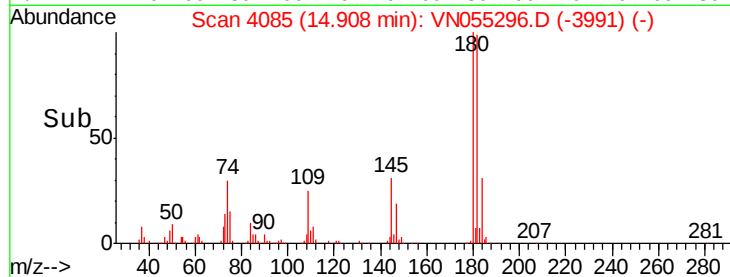
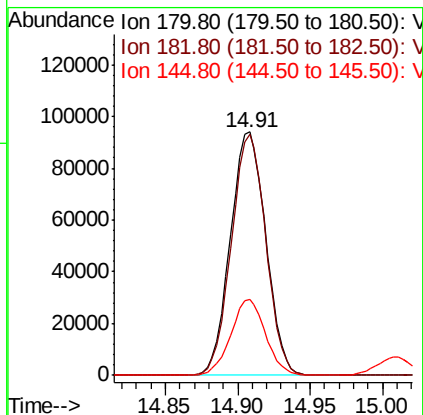
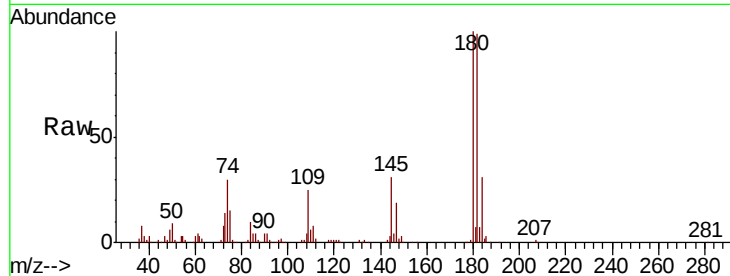




#93
 1,2,4-Trichlorobenzene
 Concen: 48.563 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

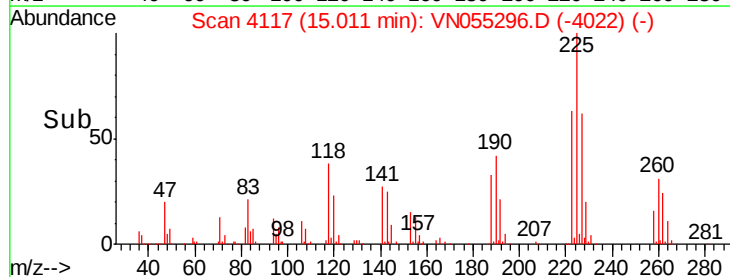
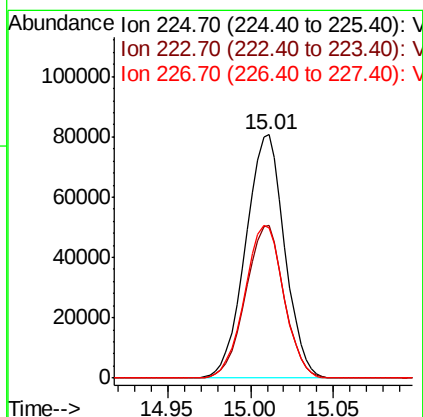
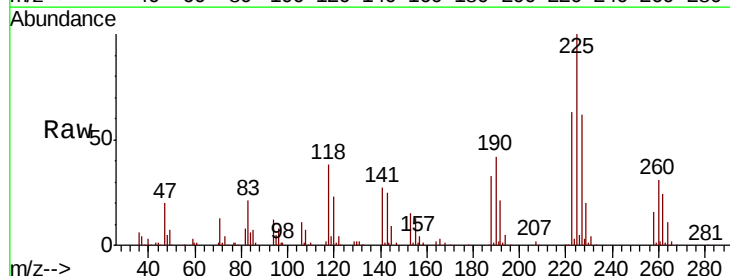
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

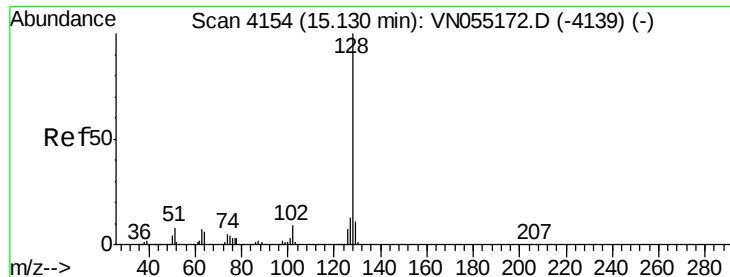
Tgt Ion:180 Resp: 159631
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.3 144.9
 145 30.4 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 52.610 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN055296.D
 Acq: 29 Apr 2019 16:31

Tgt Ion:225 Resp: 131907
 Ion Ratio Lower Upper
 225 100
 223 61.7 30.3 90.8
 227 62.9 30.9 92.7

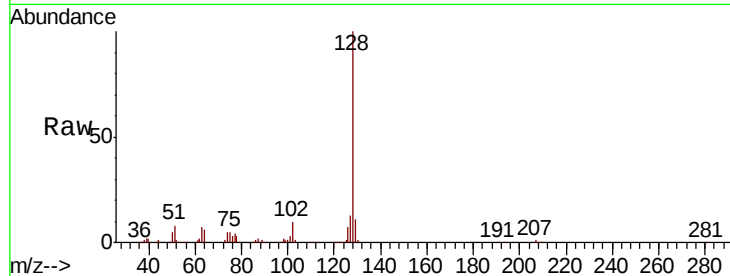




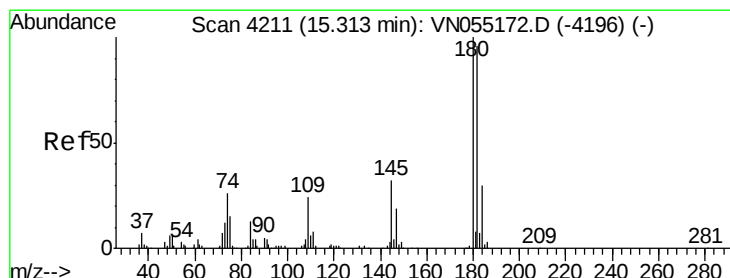
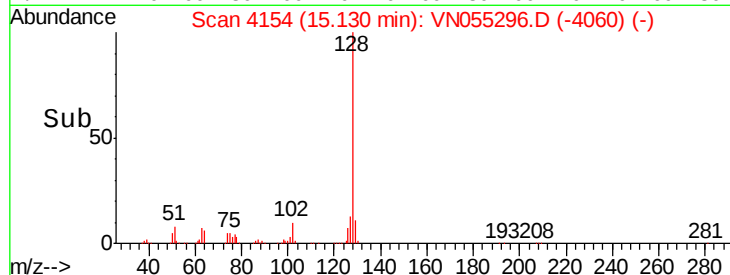
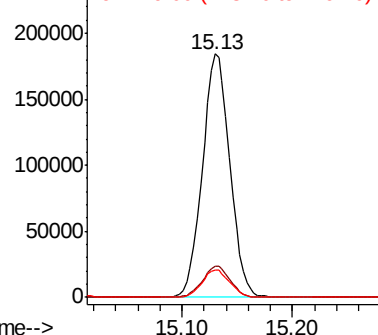
#95
Naphthalene
Concen: 45.646 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 317467
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 11.5 8.6 13.0

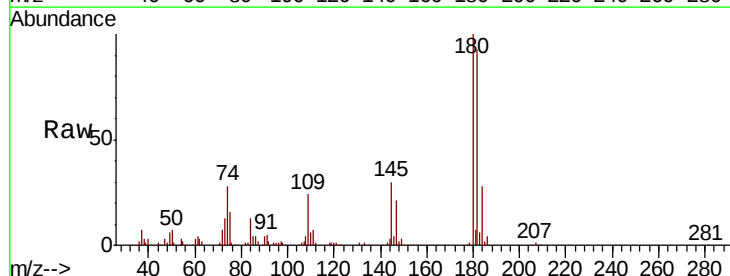


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 48.897 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN055296.D
Acq: 29 Apr 2019 16:31

Tgt Ion:180 Resp: 158425
Ion Ratio Lower Upper
180 100
182 94.8 48.3 144.9
145 30.9 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

