

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056726.D
 Acq On : 15 Jul 2019 21:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 16 04:25:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:25:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	340280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	525601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	475093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	220636	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	181360	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
35) Dibromofluoromethane	7.59	113	159439	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
50) Toluene-d8	10.09	98	615031	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
62) 4-Bromofluorobenzene	12.40	95	216529	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	145340	45.487	ug/l	100
3) Chloromethane	2.06	50	193898	45.137	ug/l	100
4) Vinyl Chloride	2.18	62	197579	47.762	ug/l	100
5) Bromomethane	2.56	94	121163	49.806	ug/l	97
6) Chloroethane	2.70	64	112931	46.848	ug/l	99
7) Trichlorofluoromethane	3.01	101	249445	46.993	ug/l	98
8) Diethyl Ether	3.41	74	103183	49.859	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	153198	48.038	ug/l	100
10) Methyl Iodide	3.95	142	201999	47.356	ug/l	99
11) Tert butyl alcohol	4.79	59	146442	233.742	ug/l	100
12) 1,1-Dichloroethene	3.73	96	156281	48.856	ug/l	99
13) Acrolein	3.60	56	53894	251.779	ug/l	98
14) Allyl chloride	4.32	41	265070	47.916	ug/l	99
15) Acrylonitrile	4.99	53	446188	246.612	ug/l	98
16) Acetone	3.81	43	346567	199.805	ug/l	98
17) Carbon Disulfide	4.05	76	405291	47.946	ug/l	100
18) Methyl Acetate	4.33	43	185028	47.447	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	495439	48.610	ug/l	98
20) Methylene Chloride	4.55	84	181993	48.013	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	167323	49.484	ug/l	98
22) Diisopropyl ether	5.95	45	549144	50.291	ug/l	98
23) Vinyl Acetate	5.90	43	2273905	256.984	ug/l	100
24) 1,1-Dichloroethane	5.85	63	309063	48.819	ug/l	100
25) 2-Butanone	6.84	43	581826	229.436	ug/l	100
26) 2,2-Dichloropropane	6.83	77	204577	44.817	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	195317	50.200	ug/l	98
28) Bromochloromethane	7.20	49	148312	49.826	ug/l	99
29) Tetrahydrofuran	7.21	42	401014	242.454	ug/l	99
30) Chloroform	7.37	83	304218	48.021	ug/l	100
31) Cyclohexane	7.65	56	290700	48.312	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	253698	50.637	ug/l	100
36) 1,1-Dichloropropene	7.79	75	235345	48.388	ug/l	100
37) Ethyl Acetate	6.93	43	239784	50.021	ug/l	98
38) Carbon Tetrachloride	7.78	117	217904	47.773	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	291052	48.464	ug/l	100
40) Benzene	8.04	78	719615	48.288	ug/l	99
41) Methacrylonitrile	7.21	41	343749	163.251	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	230079	48.850	ug/l	99
43) Isopropyl Acetate	8.17	43	372413	49.418	ug/l	100
44) Trichloroethene	8.83	130	194495	48.060	ug/l	98
45) 1,2-Dichloropropane	9.12	63	195763	49.437	ug/l	99
46) Dibromomethane	9.21	93	124281	50.645	ug/l	99
47) Bromodichloromethane	9.40	83	233852	50.149	ug/l	100
48) Methyl methacrylate	9.20	41	181224	49.725	ug/l	99
49) 1,4-Dioxane	9.20	88	61575	823.397	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	1198050	245.453	ug/l	100
52) Toluene	10.16	92	447658	50.581	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	250294	51.447	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	283988	50.302	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	179687	48.405	ug/l	99
56) Ethyl methacrylate	10.43	69	277428	51.941	ug/l	99
57) 1,3-Dichloropropane	10.71	76	302393	49.877	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	646001	251.513	ug/l	99
59) 2-Hexanone	10.75	43	867390	247.665	ug/l	100
60) Dibromochloromethane	10.90	129	185618	50.843	ug/l	98
61) 1,2-Dibromoethane	11.00	107	187284	50.766	ug/l	100
64) Tetrachloroethene	10.63	164	188520	45.995	ug/l	98
65) Chlorobenzene	11.43	112	478179	49.224	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	175481	49.062	ug/l	97
67) Ethyl Benzene	11.51	91	845954	49.552	ug/l	99
68) m/p-Xylenes	11.62	106	635912	99.668	ug/l	100
69) o-Xylene	11.95	106	308515	49.184	ug/l	100
70) Styrene	11.96	104	527429	52.010	ug/l	100
71) Bromoform	12.13	173	139089	51.108	ug/l #	99
73) Isopropylbenzene	12.25	105	811942	45.640	ug/l	99
74) N-amyl acetate	12.07	43	309789	46.757	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	256160	49.714	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	312404	64.738	ug/l #	100
77) Bromobenzene	12.53	156	215130	46.233	ug/l	98
78) n-propylbenzene	12.59	91	922575	46.712	ug/l	100
79) 2-Chlorotoluene	12.67	91	544076	49.846	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	690109	45.770	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	75180	48.114	ug/l	98
82) 4-Chlorotoluene	12.77	91	551899	47.617	ug/l	99
83) tert-Butylbenzene	12.99	119	585608	49.818	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	690122	46.852	ug/l	100
85) sec-Butylbenzene	13.17	105	777652	46.415	ug/l	100
86) p-Isopropyltoluene	13.29	119	708906	46.707	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	361846	47.451	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	358226	48.294	ug/l	100
89) n-Butylbenzene	13.61	91	605185	49.501	ug/l	100
90) Hexachloroethane	13.87	117	114101	46.488	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	358612	45.980	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	44940	47.109	ug/l	99

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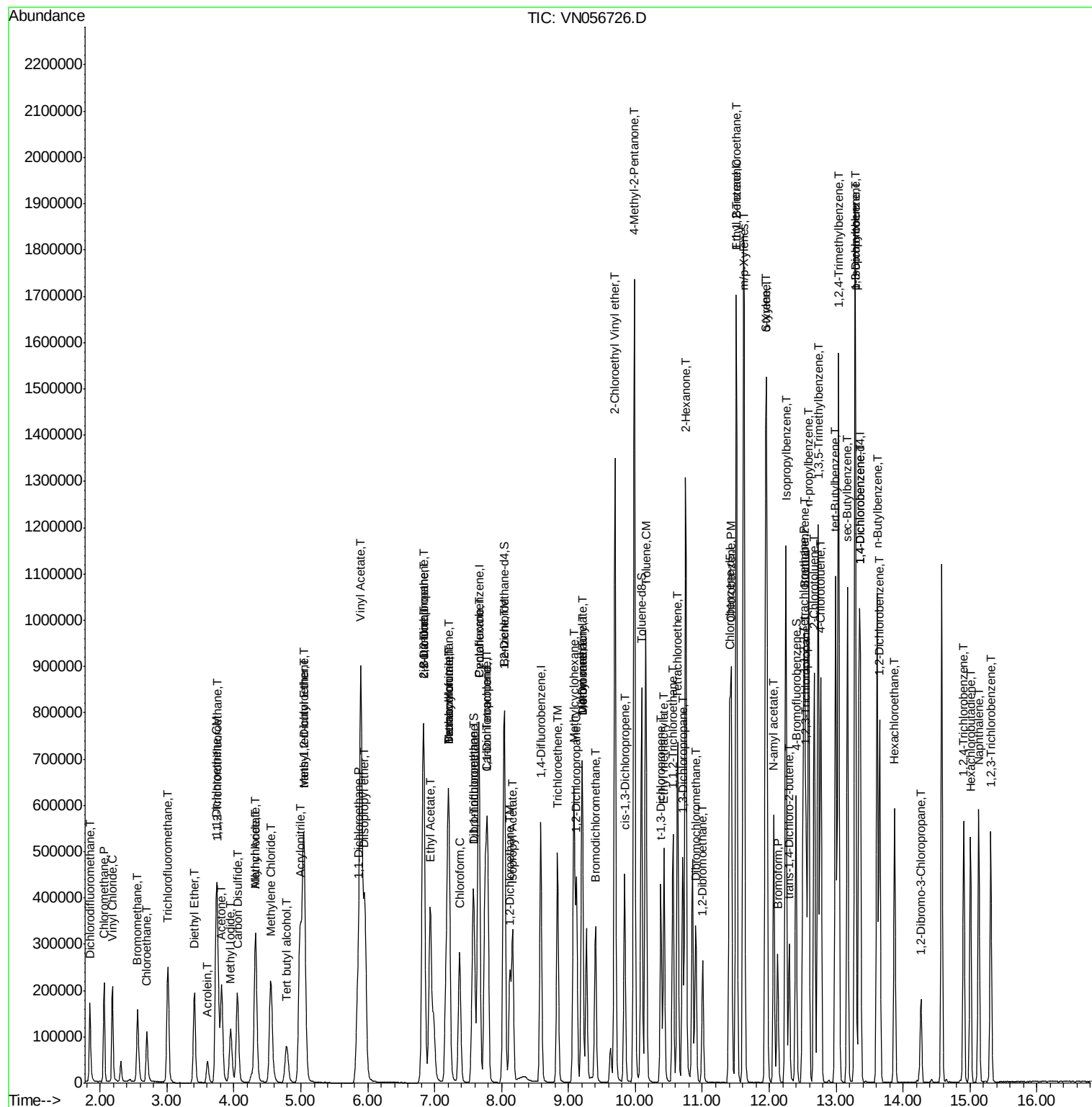
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	198705	46.403	ug/l	99
94) Hexachlorobutadiene	15.01	225	116815	47.611	ug/l	99
95) Naphthalene	15.13	128	524618	44.888	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	199037	46.757	ug/l	99

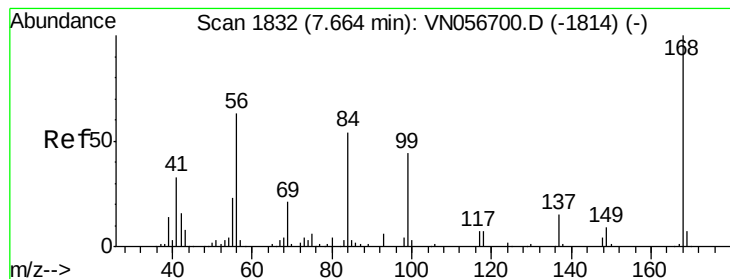
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

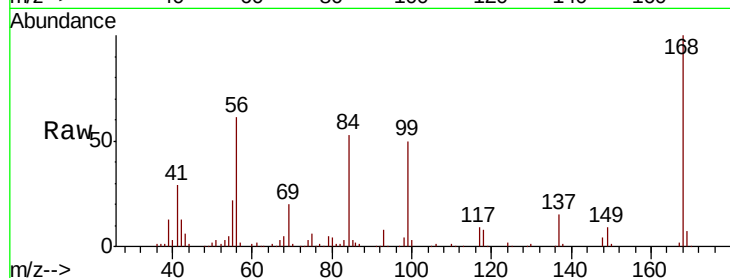
VSTDCCC050

Tot Ion:168 Resp: 340280

Ion Ratio Lower Upper

168 100

99 50.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

150000

100000

50000

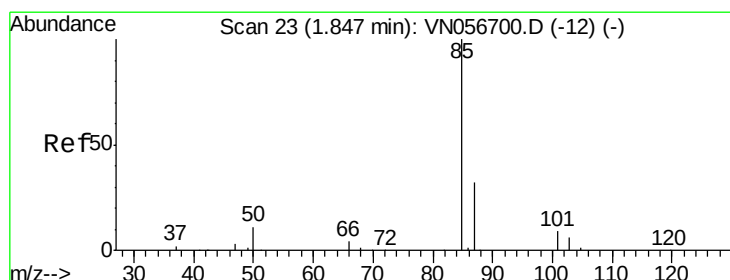
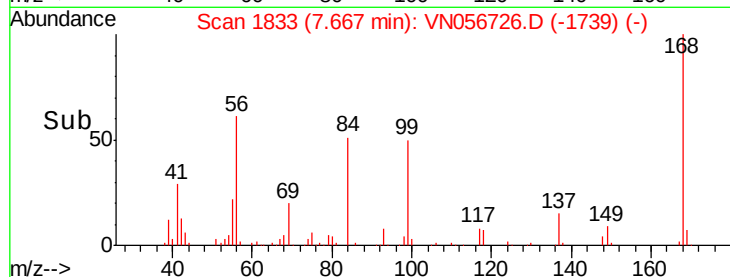
0

7.67

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 45.487 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN056726.D

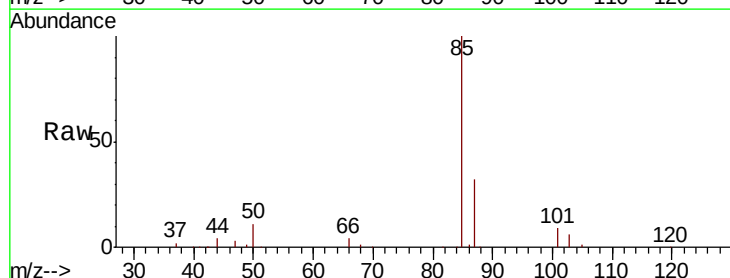
Acq: 15 Jul 2019 21:05

Tgt Ion: 85 Resp: 145340

Ion Ratio Lower Upper

85 100

87 32.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

100000

80000

60000

40000

20000

0

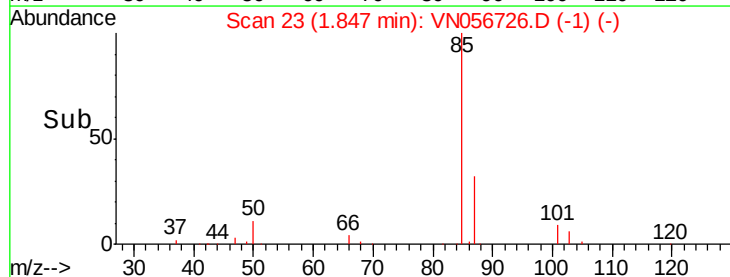
1.85

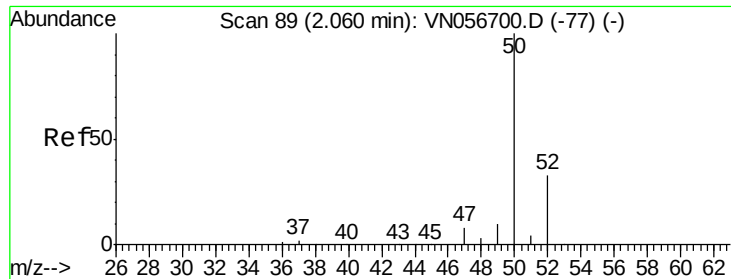
1.80

1.90

1.95

Time-->

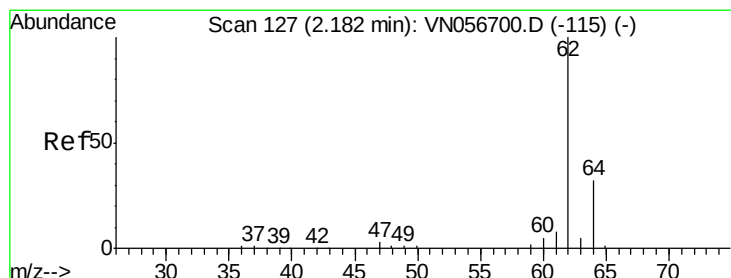
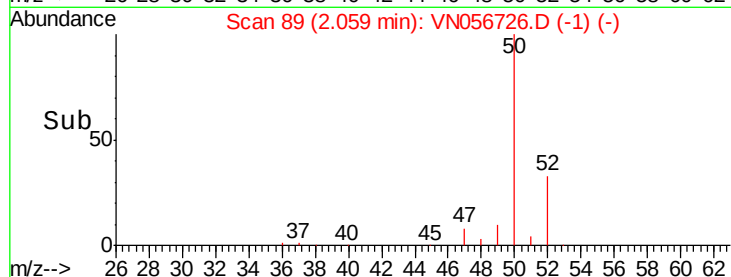
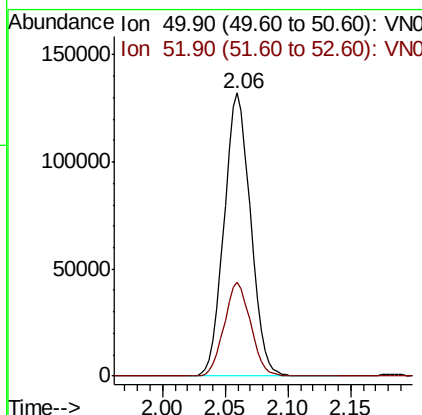
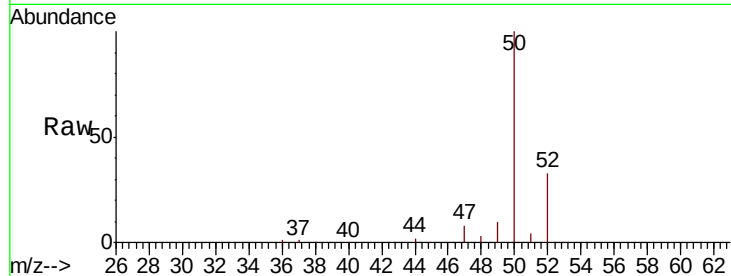




#3
 Chloromethane
 Concen: 45.137 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. -0.00 min
 Lab File: VN056726.D
 Acq: 15 Jul 2019 21:05

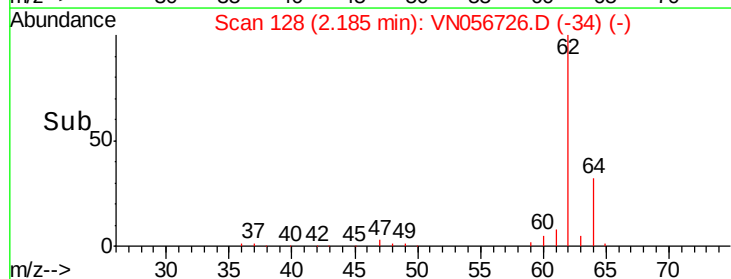
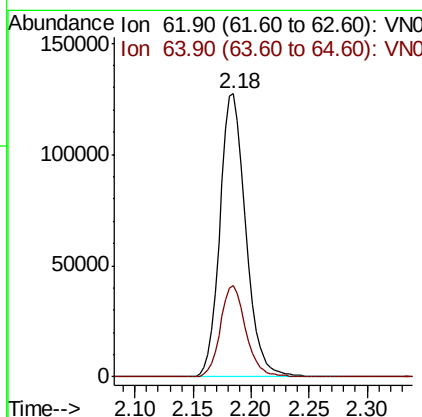
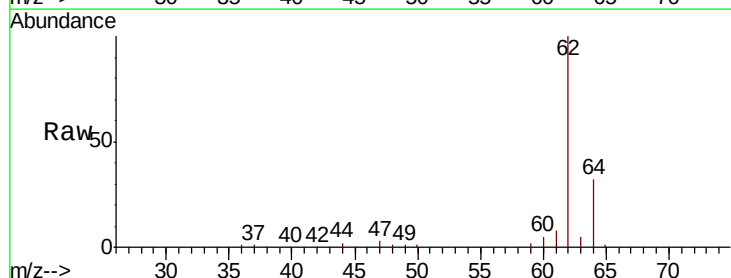
Instrument :
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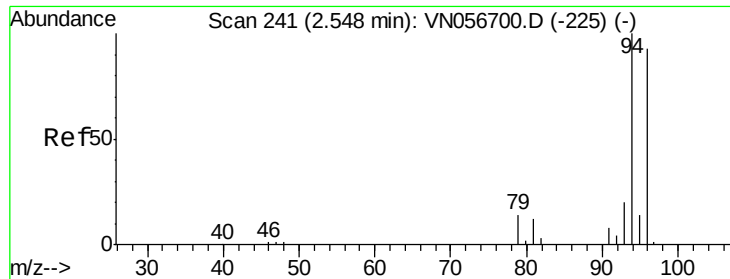
Tot Ion: 50 Resp: 193898
 Ion Ratio Lower Upper
 50 100
 52 33.1 26.5 39.7



#4
 Vinyl Chloride
 Concen: 47.762 ug/l
 RT: 2.18 min Scan# 128
 Delta R.T. 0.00 min
 Lab File: VN056726.D
 Acq: 15 Jul 2019 21:05

Tgt Ion: 62 Resp: 197579
 Ion Ratio Lower Upper
 62 100
 64 32.1 25.6 38.4

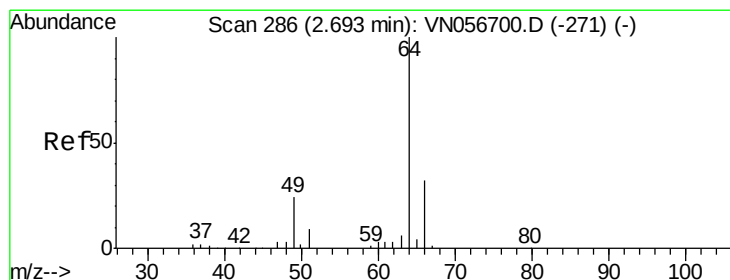
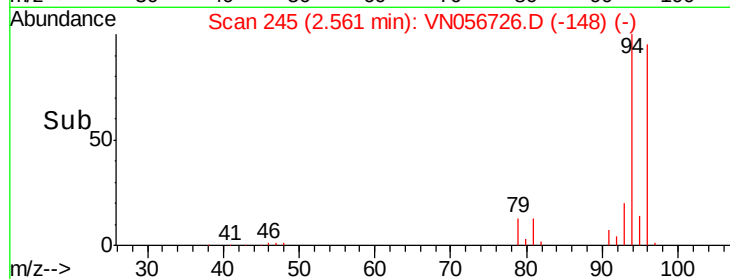
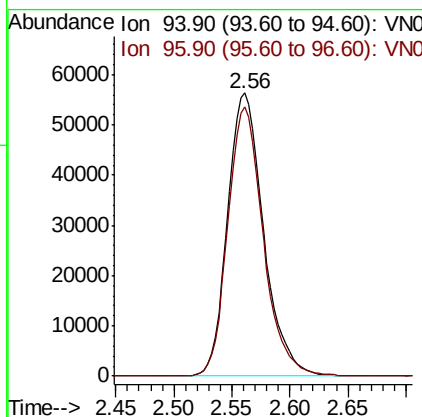
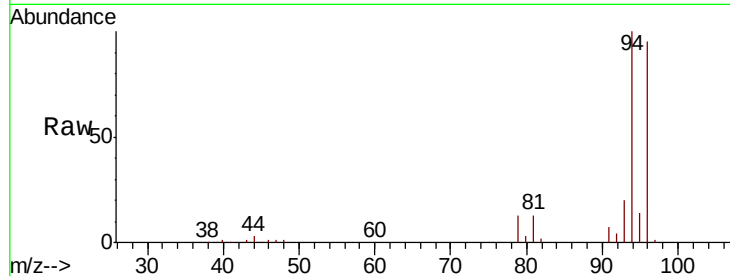




#5
Bromomethane
Concen: 49.806 ug/l
RT: 2.56 min Scan# 245
Delta R.T. 0.01 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

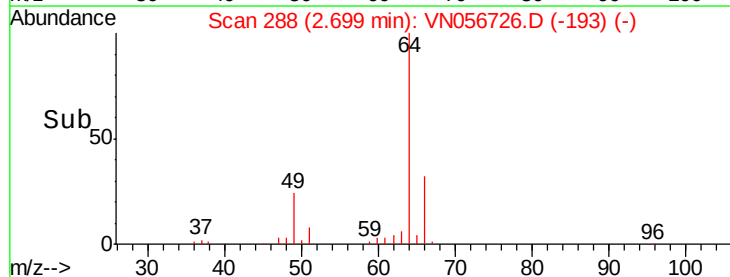
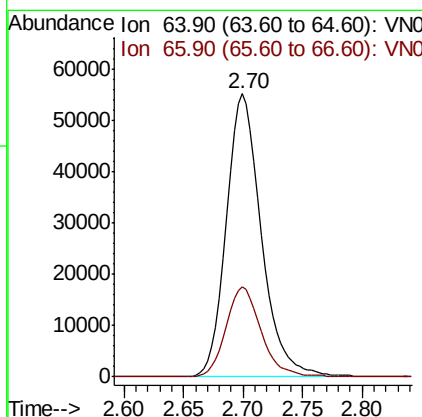
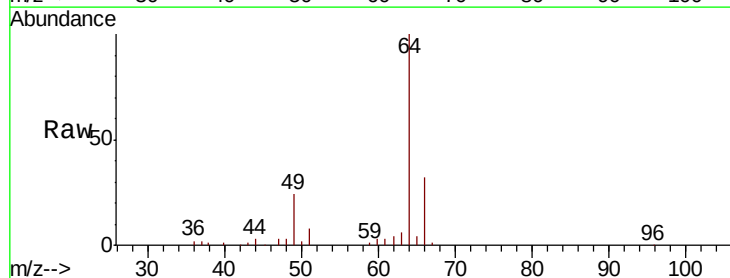
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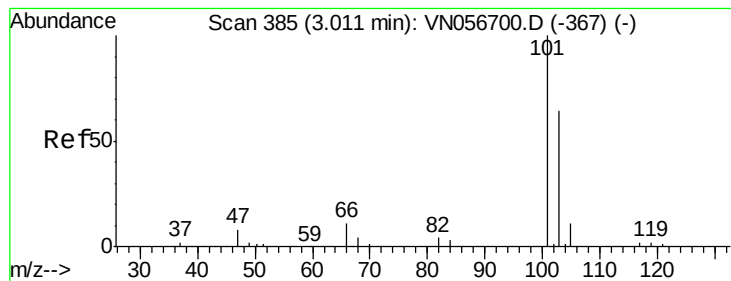
Tot Ion: 94 Resp: 121163
Ion Ratio Lower Upper
94 100
96 95.2 74.0 111.0



#6
Chloroethane
Concen: 46.848 ug/l
RT: 2.70 min Scan# 288
Delta R.T. 0.01 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

Tgt Ion: 64 Resp: 112931
Ion Ratio Lower Upper
64 100
66 32.0 25.8 38.8



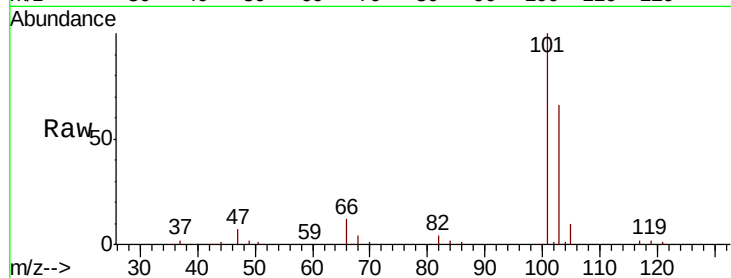


#7

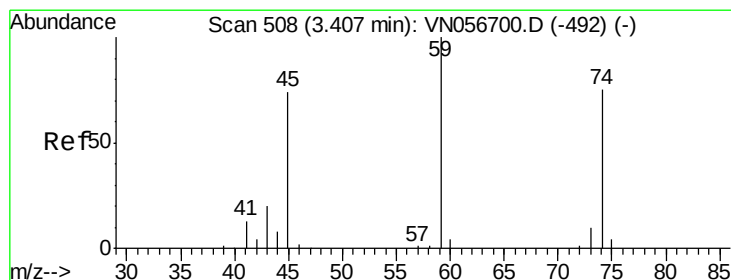
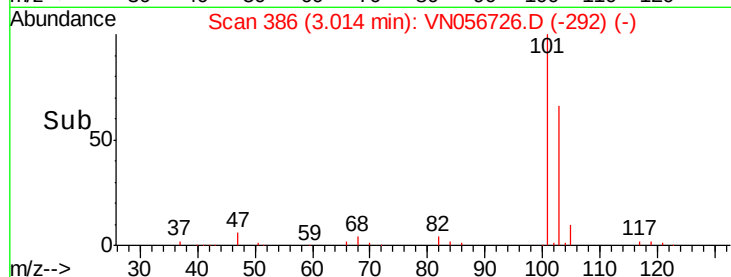
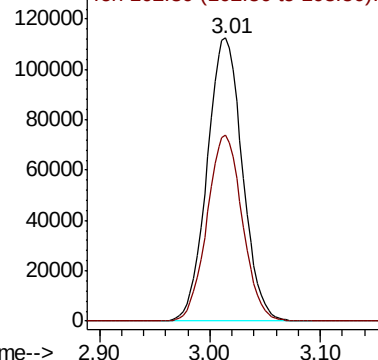
Trichlorofluoromethane
Concen: 46.993 ug/l
RT: 3.01 min Scan# 386
Delta R.T. 0.00 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

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Tot Ion:101 Resp: 249445
Ion Ratio Lower Upper
101 100
103 65.6 51.5 77.3



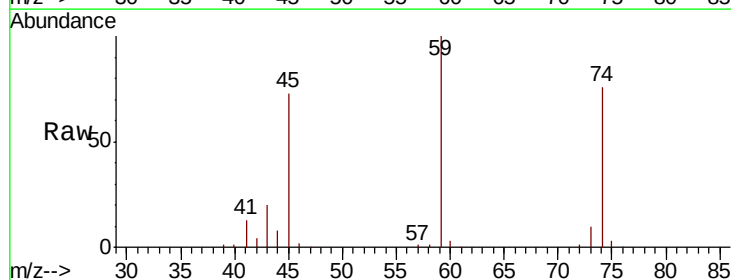
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



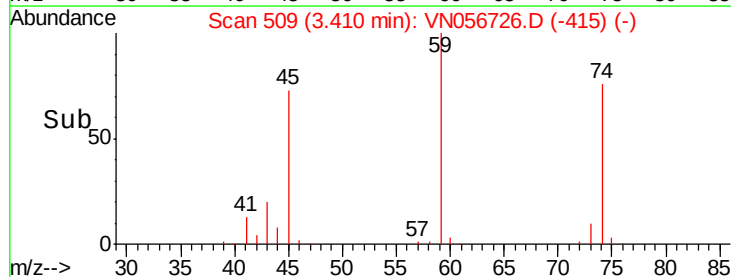
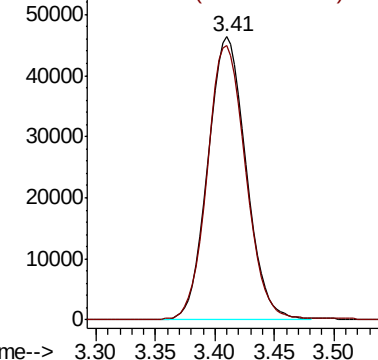
#8

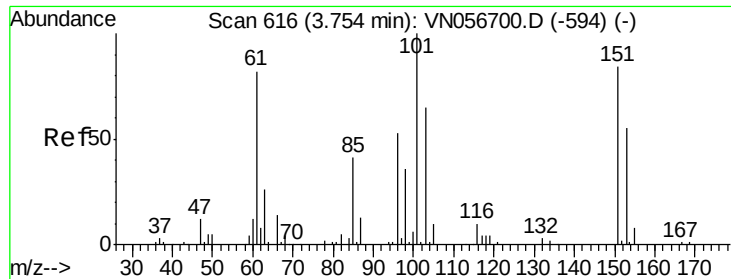
Diethyl Ether
Concen: 49.859 ug/l
RT: 3.41 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN056726.D
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Tgt Ion: 74 Resp: 103183
Ion Ratio Lower Upper
74 100
45 97.8 49.4 148.2



Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO

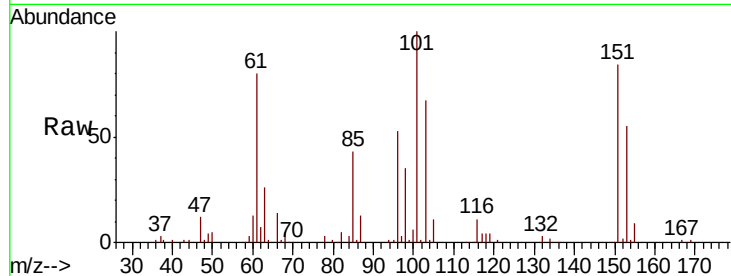




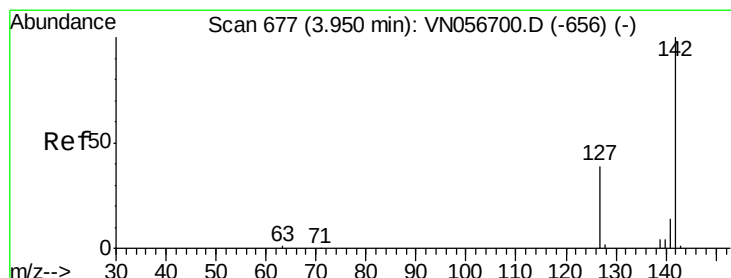
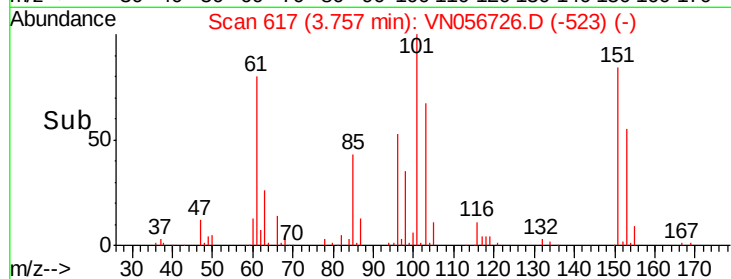
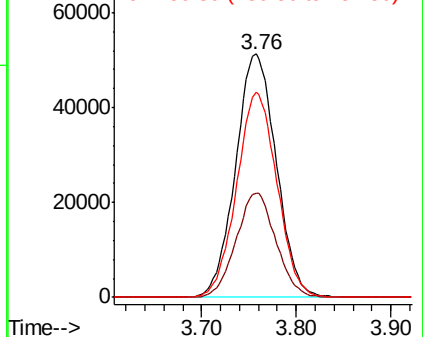
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.038 ug/l
 RT: 3.76 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: VN056726.D
 Acq: 15 Jul 2019 21:05

Instrument :
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 ClientSampleId :
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Tot Ion:101 Resp: 153198
 Ion Ratio Lower Upper
 101 100
 85 41.8 33.3 49.9
 151 83.4 67.0 100.6

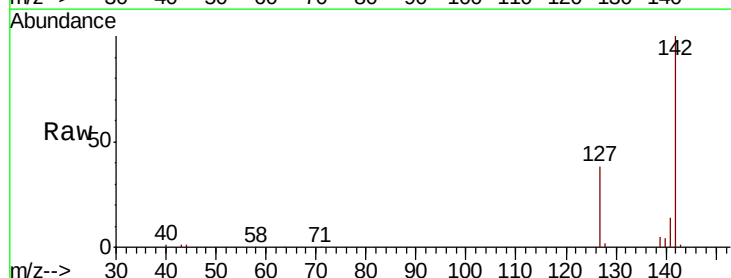


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

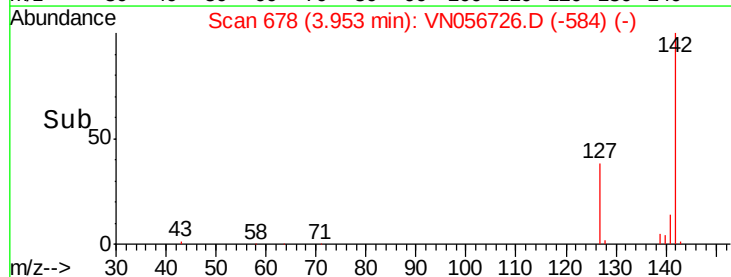
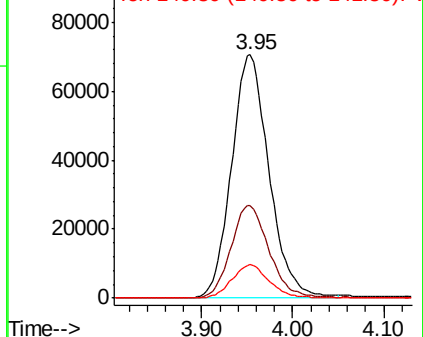


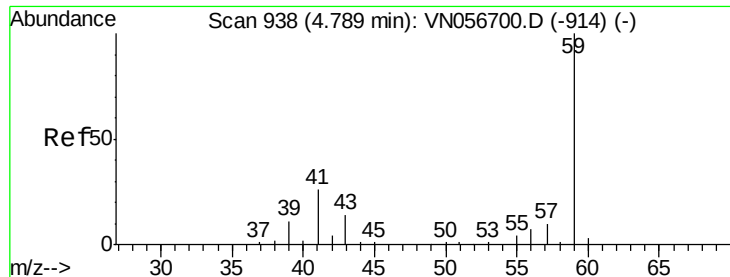
#10
 Methyl Iodide
 Concen: 47.356 ug/l
 RT: 3.95 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VN056726.D
 Acq: 15 Jul 2019 21:05

Tgt Ion:142 Resp: 201999
 Ion Ratio Lower Upper
 142 100
 127 38.6 30.7 46.1
 141 13.6 11.3 16.9



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

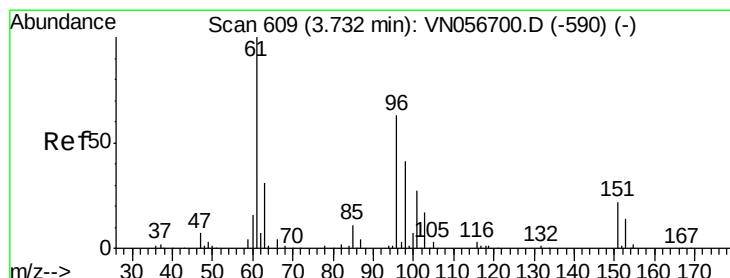
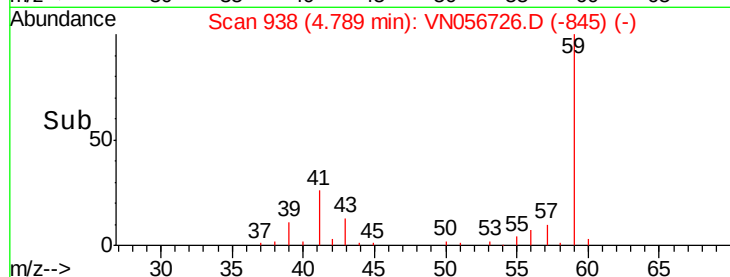
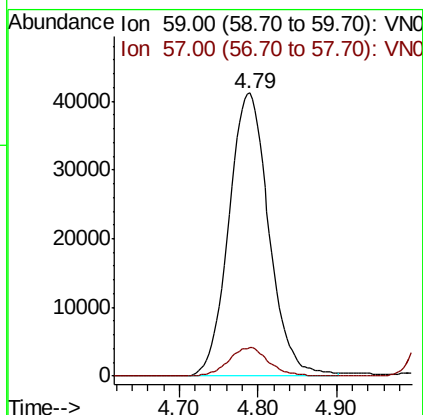
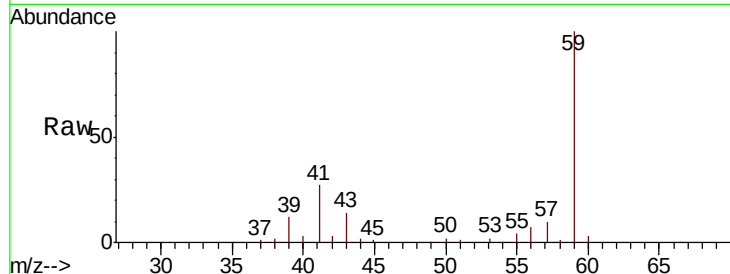




#11
Tert butyl alcohol
Concen: 233.742 ug/l
RT: 4.79 min Scan# 938
Delta R.T. -0.00 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

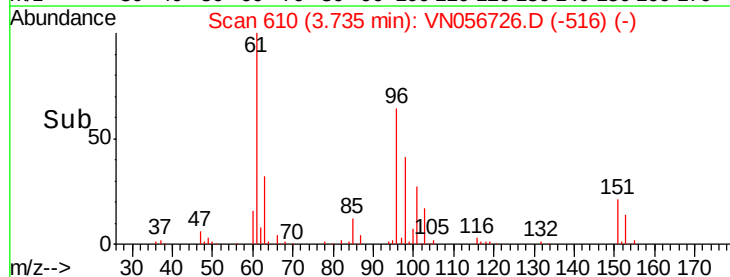
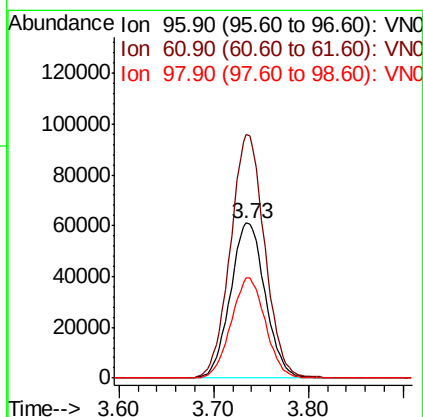
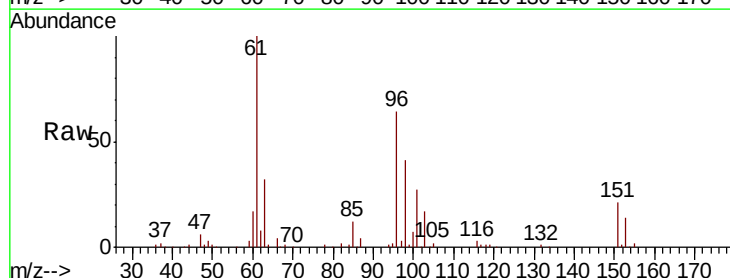
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

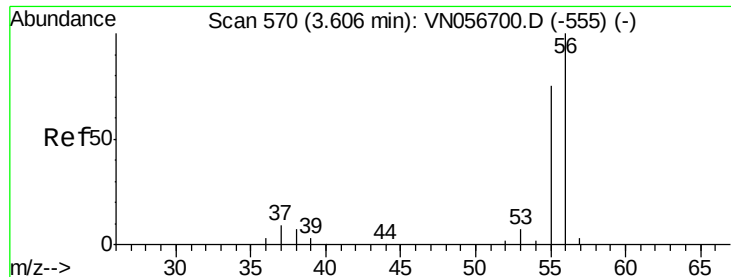
Tot Ion: 59 Resp: 146442
Ion Ratio Lower Upper
59 100
57 10.0 8.0 12.0



#12
1,1-Dichloroethene
Concen: 48.856 ug/l
RT: 3.73 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

Tgt Ion: 96 Resp: 156281
Ion Ratio Lower Upper
96 100
61 156.8 126.6 189.8
98 64.7 51.4 77.2





#13

Acrolein

Concen: 251.779 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

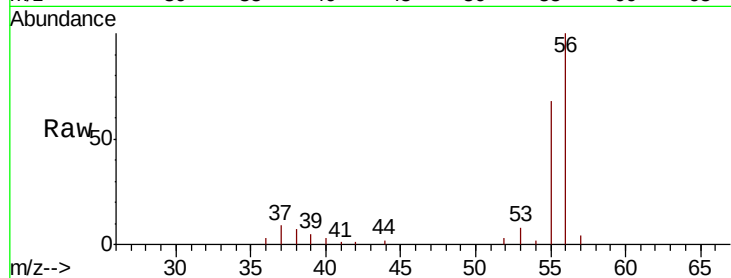
VSTDCCC050

Tot Ion: 56 Resp: 53894

Ion Ratio Lower Upper

56 100

55 70.6 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.60

25000

20000

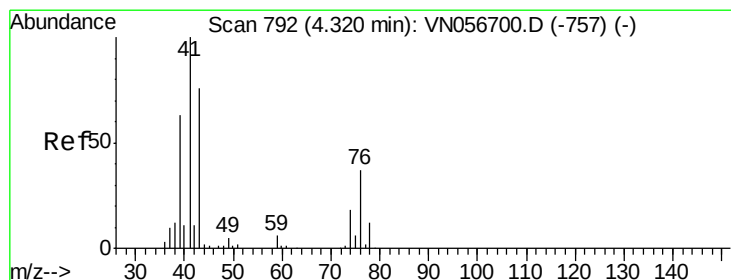
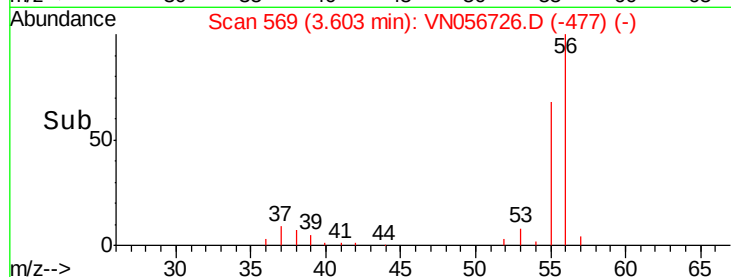
15000

10000

5000

0

Time--> 3.50 3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 47.916 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

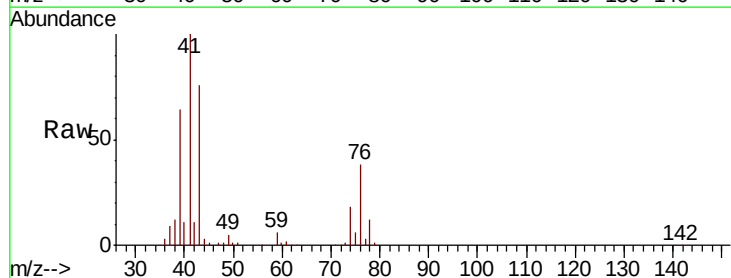
Tgt Ion: 41 Resp: 265070

Ion Ratio Lower Upper

41 100

39 59.5 46.9 70.3

76 33.8 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.32

100000

80000

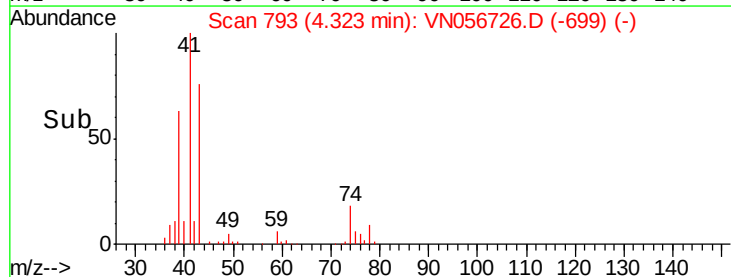
60000

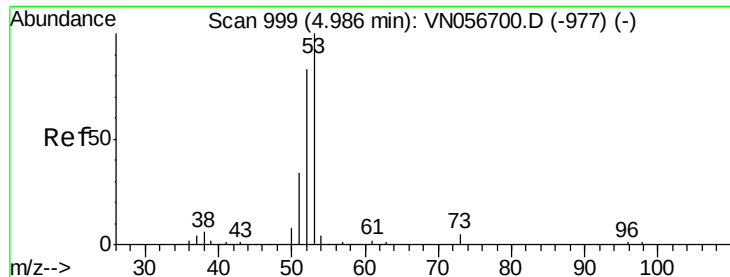
40000

20000

0

Time--> 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 246.612 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

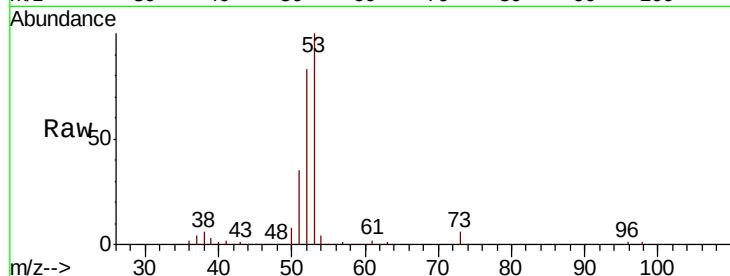
Tot Ion: 53 Resp: 446188

Ion Ratio Lower Upper

53 100

52 81.8 66.6 99.8

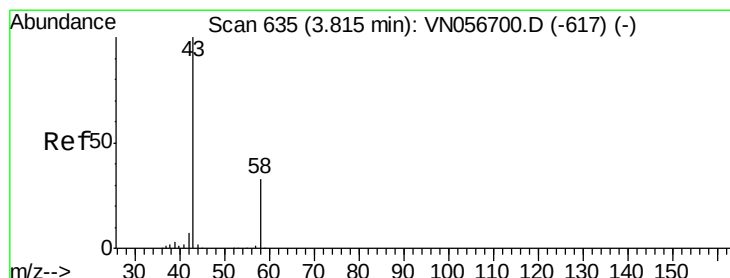
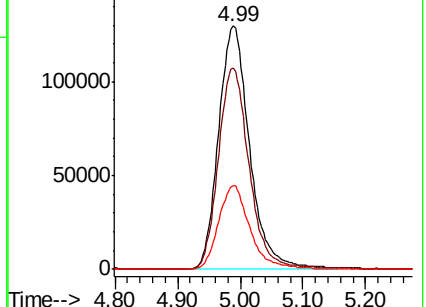
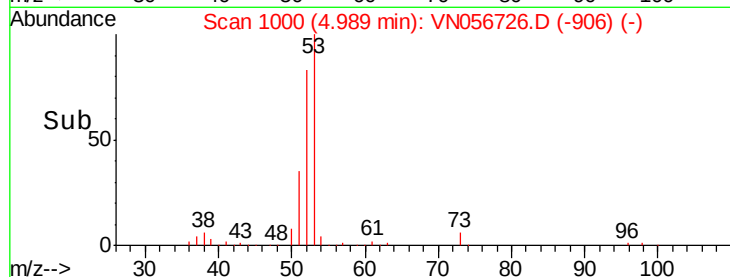
51 34.6 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VN056726.D (-906) (-)

Ion 52.00 (51.70 to 52.70): VN056726.D (-906) (-)

Ion 51.00 (50.70 to 51.70): VN056726.D (-906) (-)



#16

Acetone

Concen: 199.805 ug/l

RT: 3.81 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN056726.D

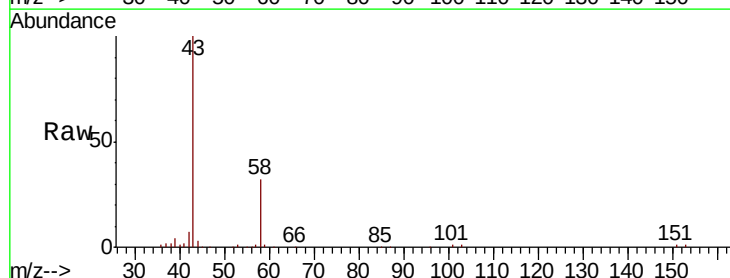
Acq: 15 Jul 2019 21:05

Tgt Ion: 43 Resp: 346567

Ion Ratio Lower Upper

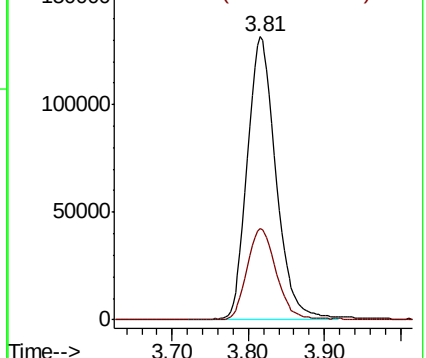
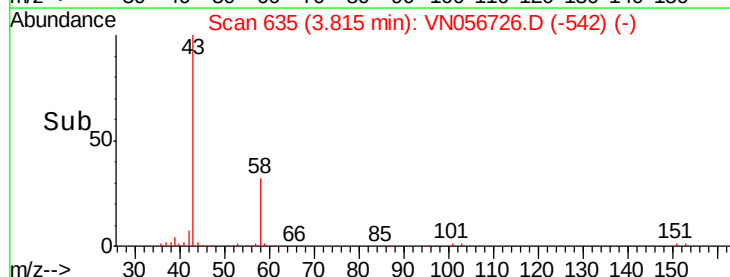
43 100

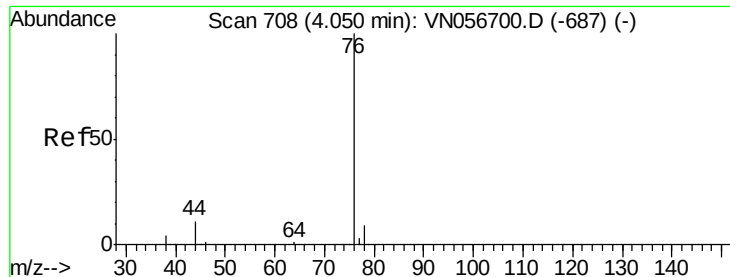
58 32.1 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN056726.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN056726.D (-542) (-)





#17

Carbon Disulfide

Concen: 47.946 ug/l

RT: 4.05 min Scan# 709

Delta R.T. 0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

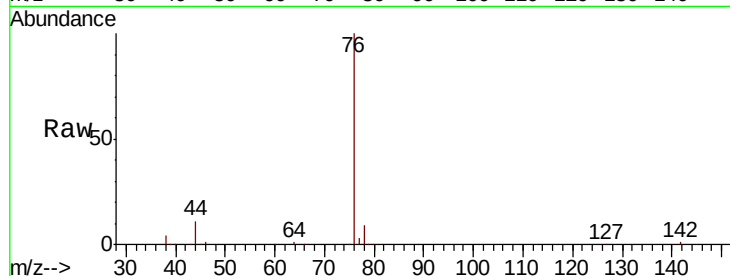
VSTDCCC050

Tot Ion: 76 Resp: 405291

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.05

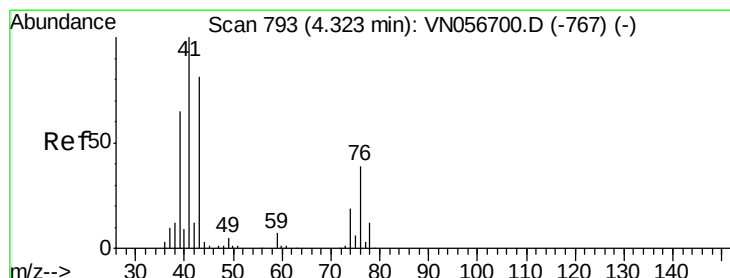
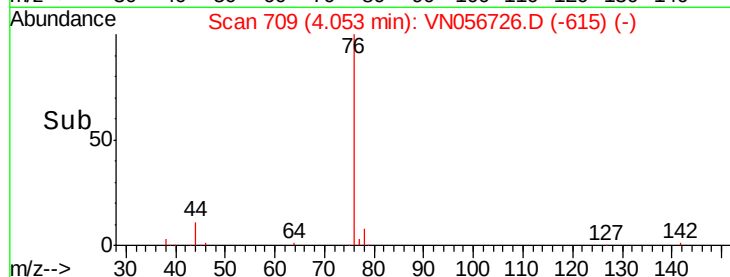
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 47.447 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN056726.D

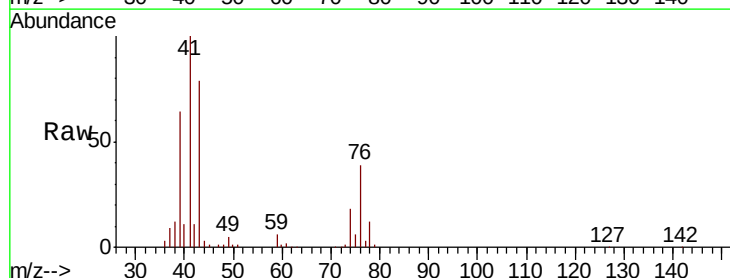
Acq: 15 Jul 2019 21:05

Tgt Ion: 43 Resp: 185028

Ion Ratio Lower Upper

43 100

74 23.5 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

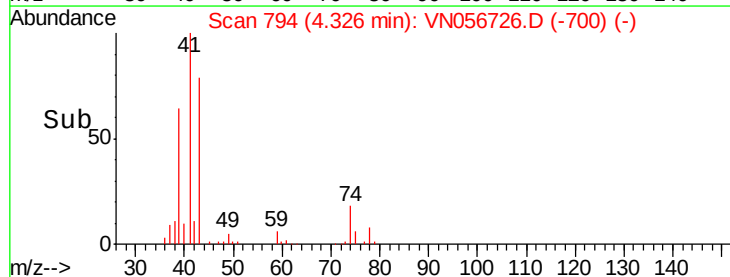
60000

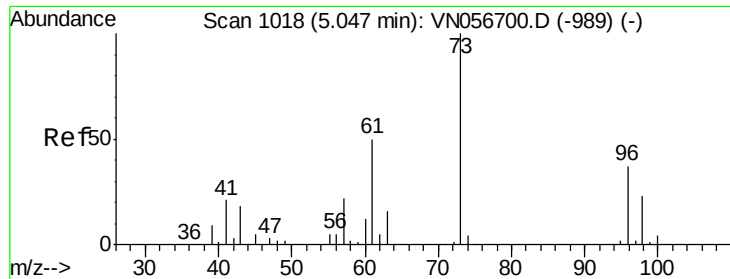
40000

20000

0

Time-->



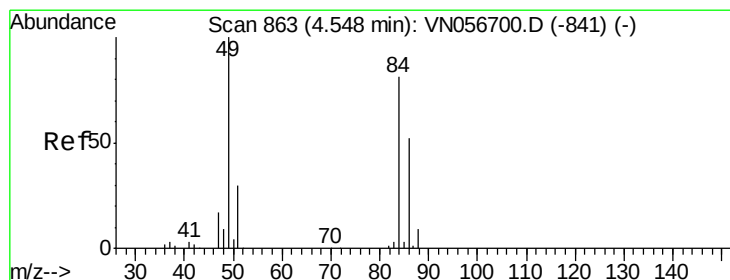
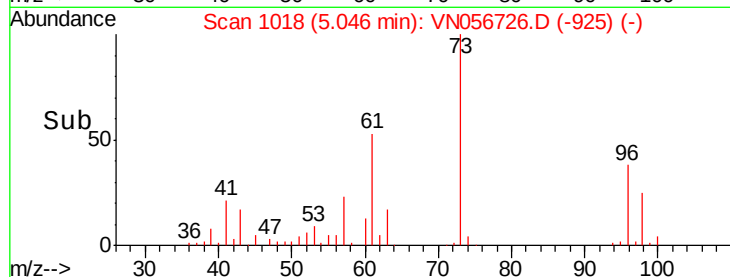
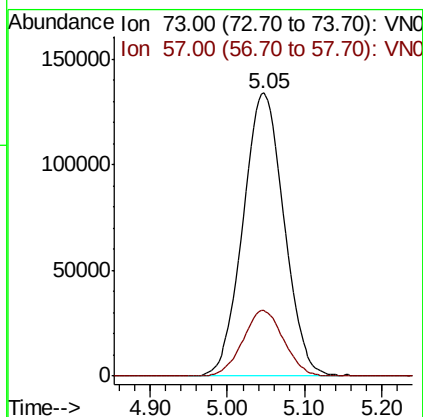
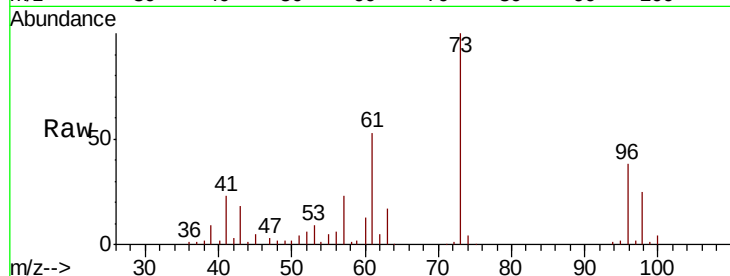


#19

Methyl tert-butyl Ether
 Concen: 48.610 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VN056726.D
 Acq: 15 Jul 2019 21:05

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

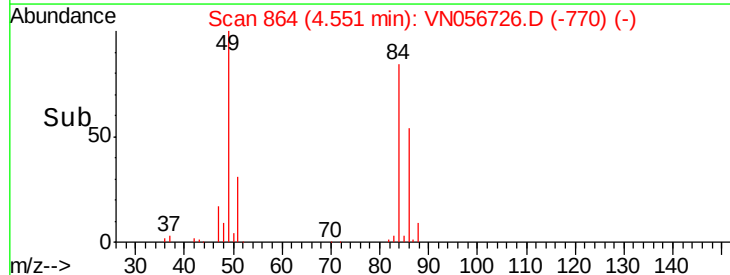
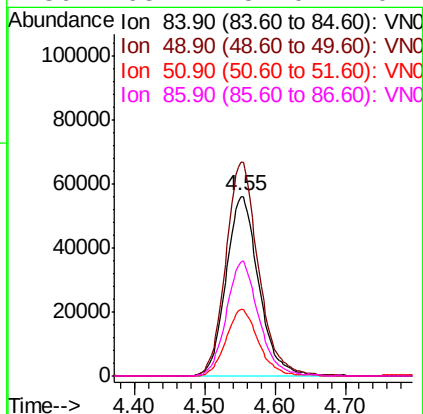
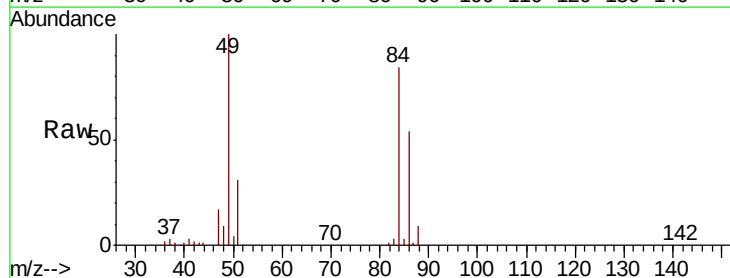
Tot Ion: 73 Resp: 495439
 Ion Ratio Lower Upper
 73 100
 57 23.3 17.9 26.9

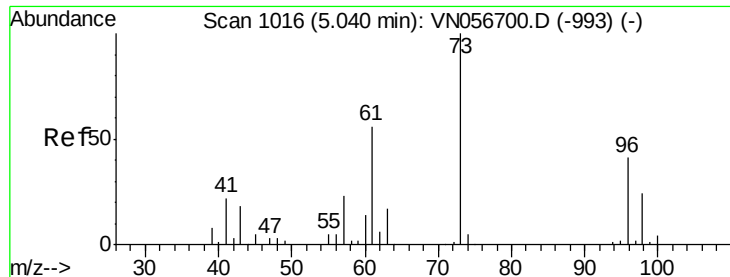


#20

Methylene Chloride
 Concen: 48.013 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VN056726.D
 Acq: 15 Jul 2019 21:05

Tgt Ion: 84 Resp: 181993
 Ion Ratio Lower Upper
 84 100
 49 118.9 98.2 147.4
 51 37.2 29.6 44.4
 86 63.7 51.0 76.4





#21

trans-1,2-Dichloroethene

Concen: 49.484 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

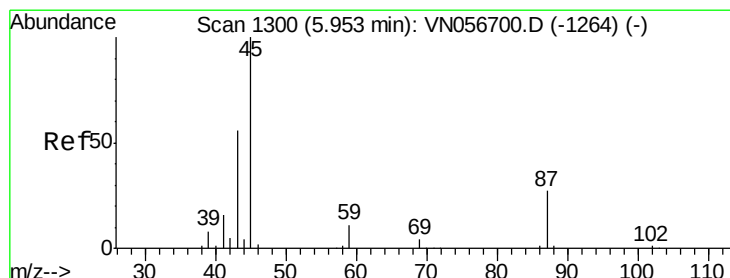
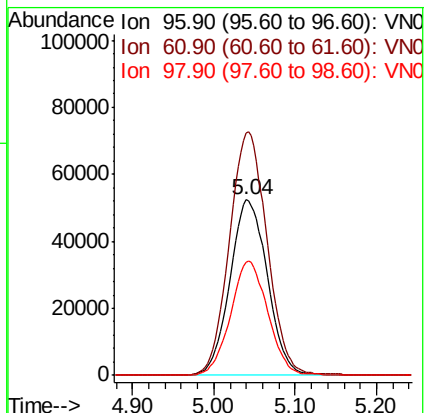
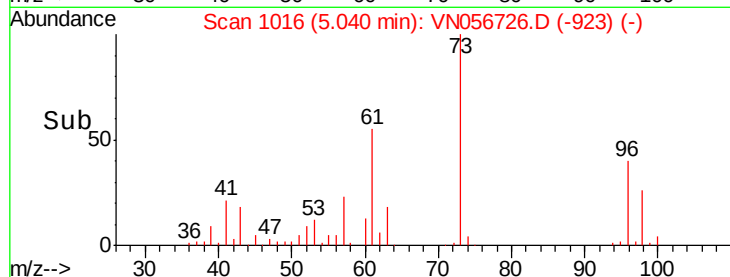
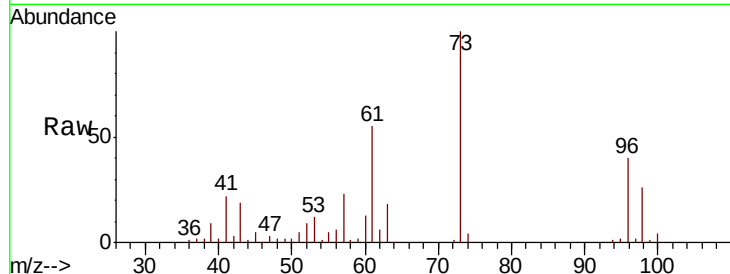
Tot Ion: 96 Resp: 167323

Ion Ratio Lower Upper

96 100

61 137.5 109.4 164.2

98 64.7 48.0 72.0



#22

Diisopropyl ether

Concen: 50.291 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. -0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

Tgt Ion: 45 Resp: 549144

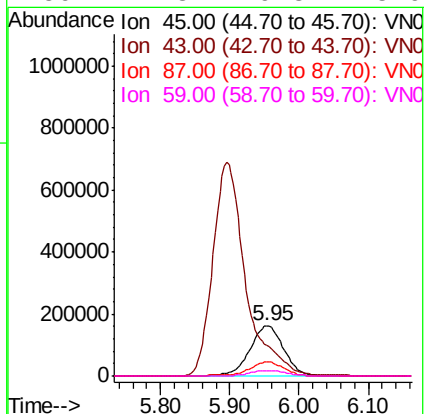
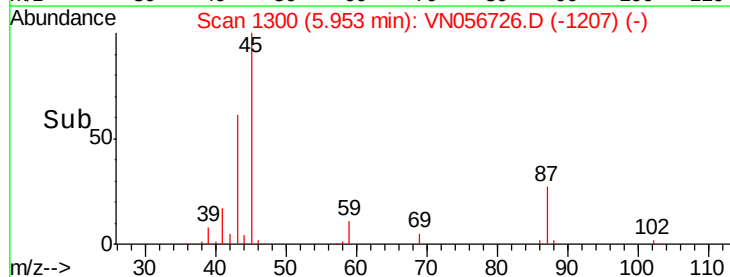
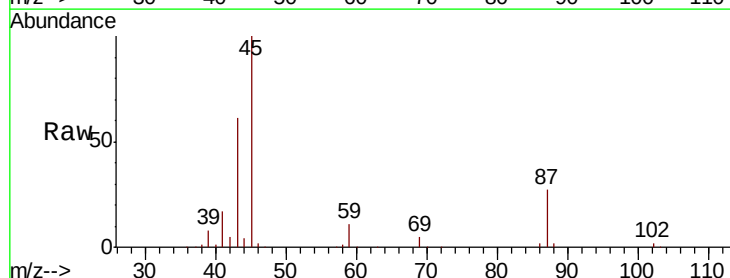
Ion Ratio Lower Upper

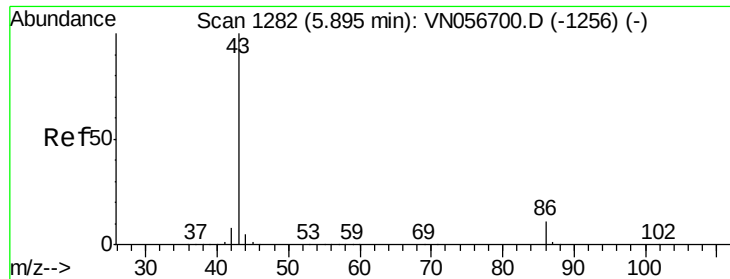
45 100

43 59.4 45.6 68.4

87 27.1 22.0 33.0

59 11.3 9.3 13.9

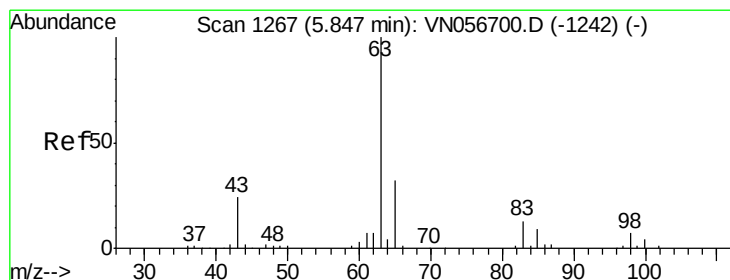
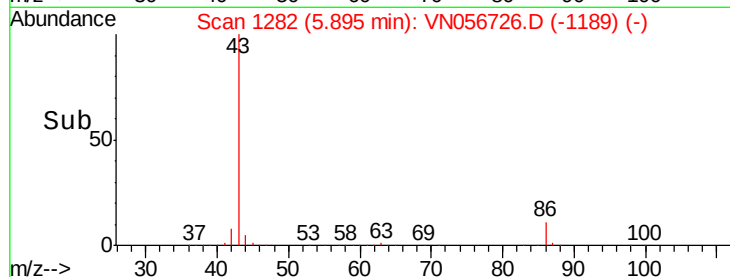
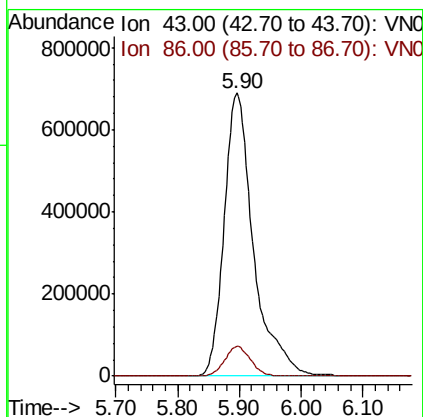
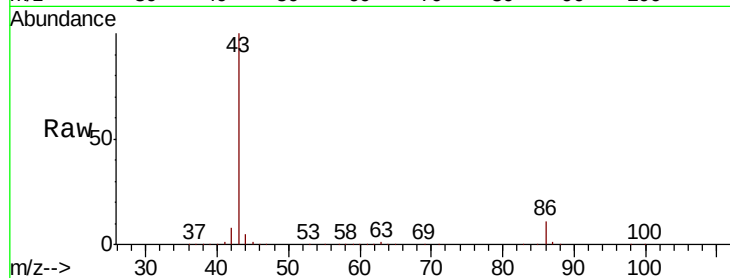




#23
 Vinyl Acetate
 Concen: 256.984 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VN056726.D
 Acq: 15 Jul 2019 21:05

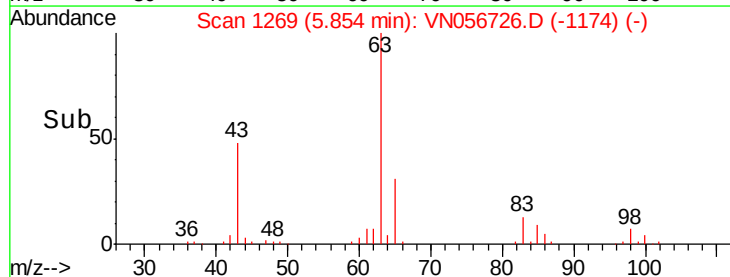
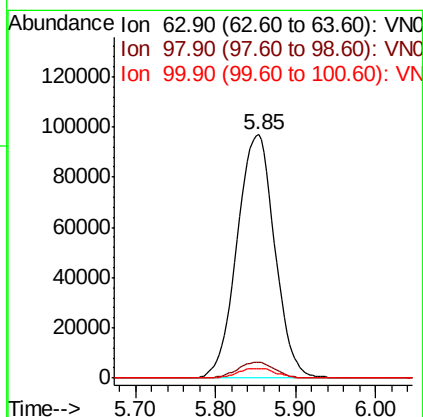
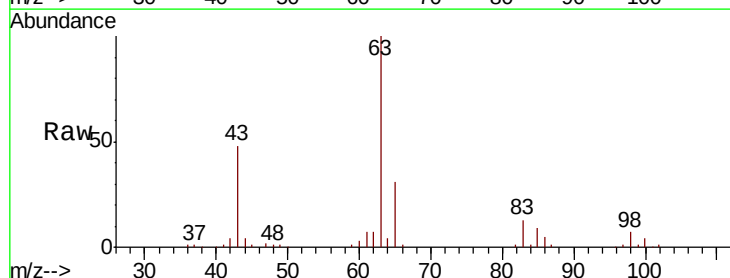
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

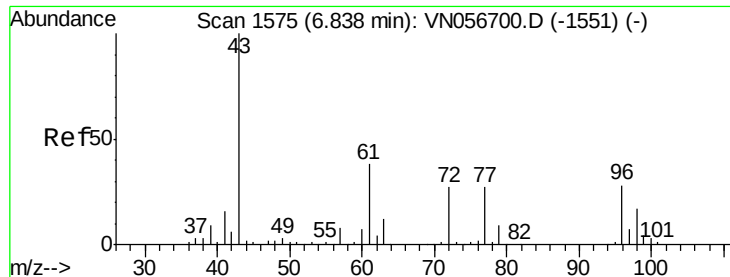
Tot Ion: 43 Resp: 2273905
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 48.819 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VN056726.D
 Acq: 15 Jul 2019 21:05

Tgt Ion: 63 Resp: 309063
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 3.8 2.0 5.8





#25

2-Butanone

Concen: 229.436 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

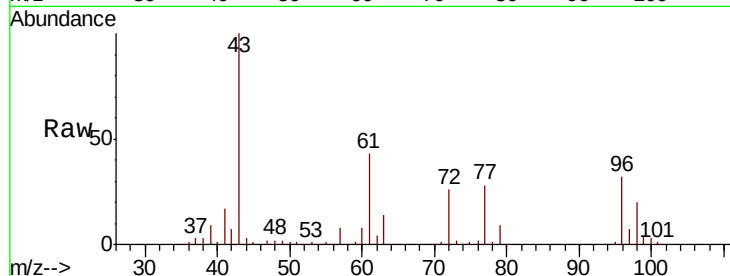
VSTDCCC050

Tot Ion: 43 Resp: 581826

Ion Ratio Lower Upper

43 100

72 26.3 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.84

200000

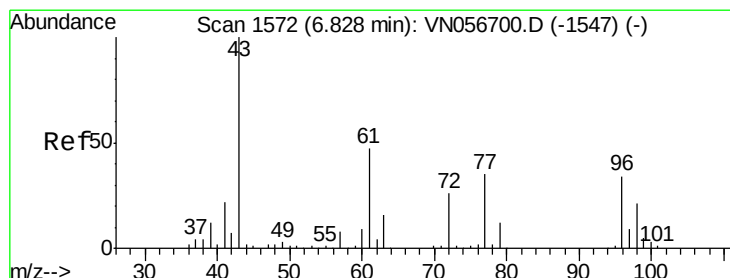
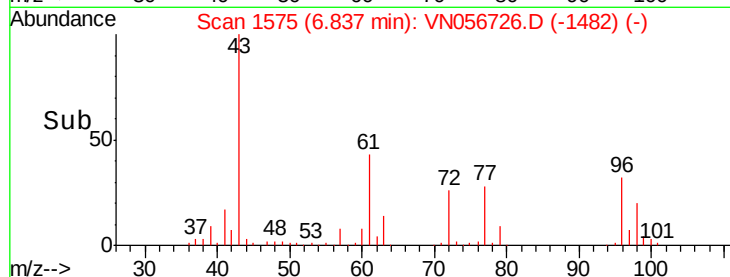
150000

100000

50000

0

Time--> 6.70 6.80 6.90



#26

2,2-Dichloropropane

Concen: 44.817 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN056726.D

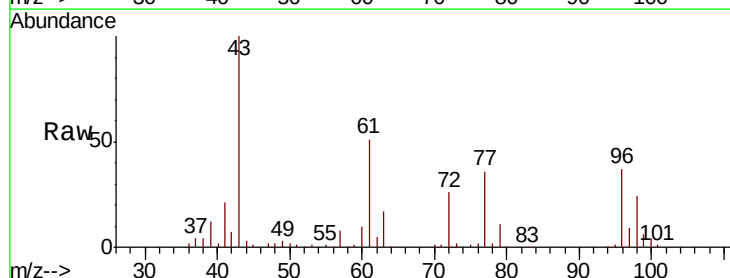
Acq: 15 Jul 2019 21:05

Tgt Ion: 77 Resp: 204577

Ion Ratio Lower Upper

77 100

97 24.6 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.83

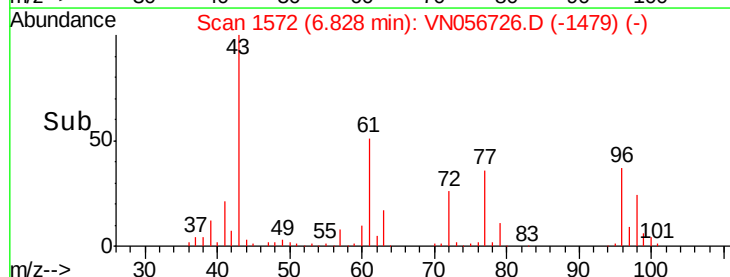
60000

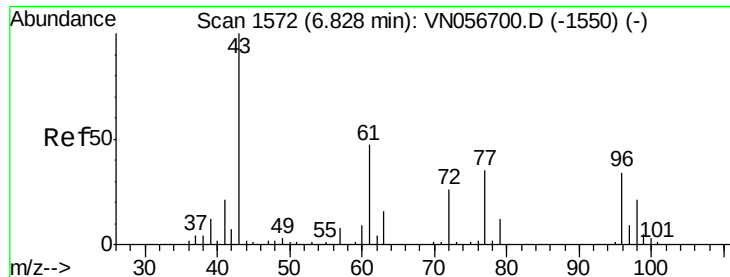
40000

20000

0

Time--> 6.70 6.80 6.90





#27

cis-1,2-Dichloroethene

Concen: 50.200 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

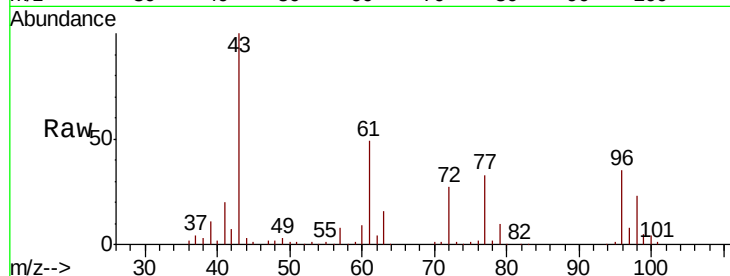
Tot Ion: 96 Resp: 195317

Ion Ratio Lower Upper

96 100

61 137.7 0.0 281.4

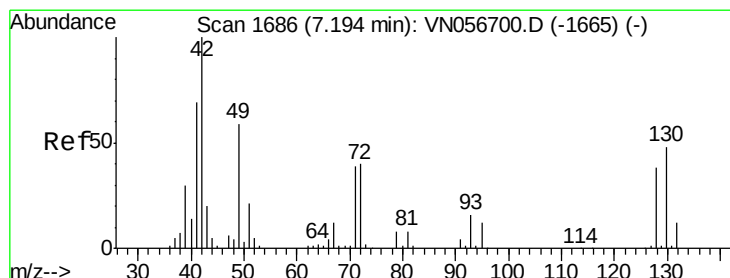
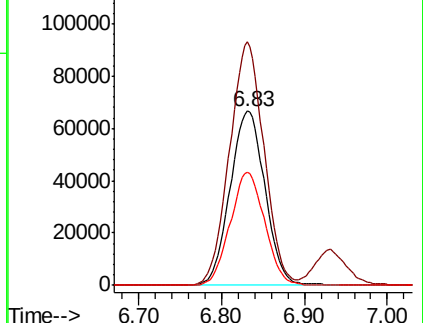
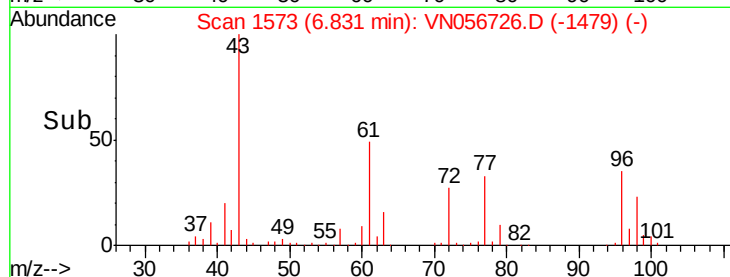
98 64.1 0.0 127.8



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: 49.826 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

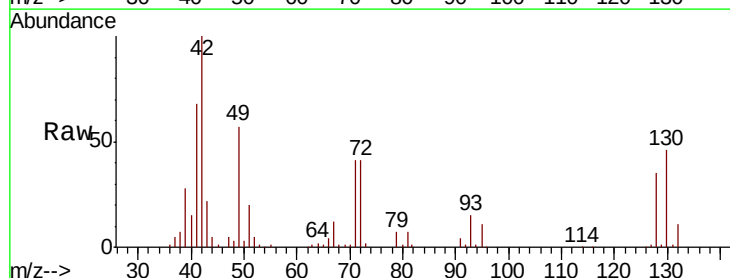
Tgt Ion: 49 Resp: 148312

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

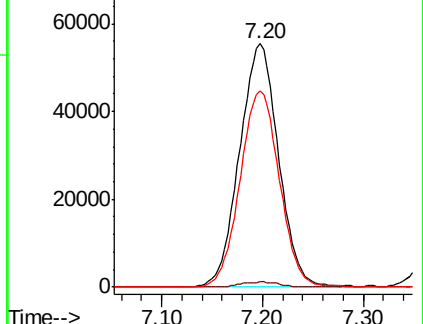
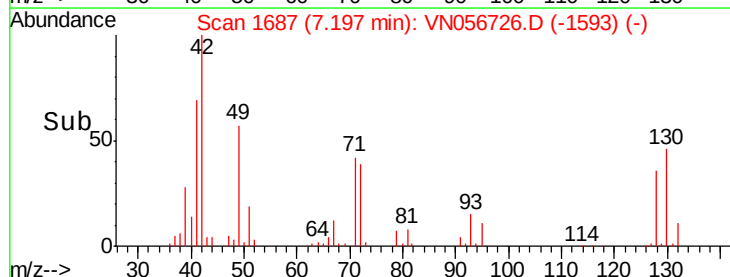
130 81.4 64.7 97.1

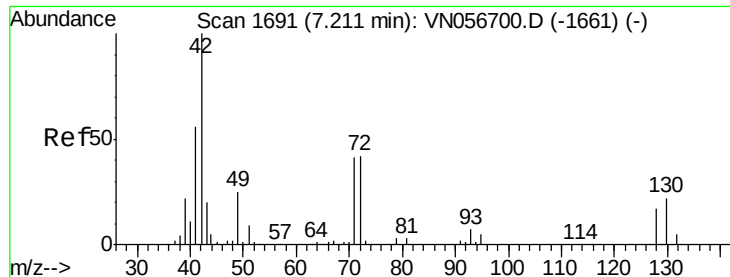


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

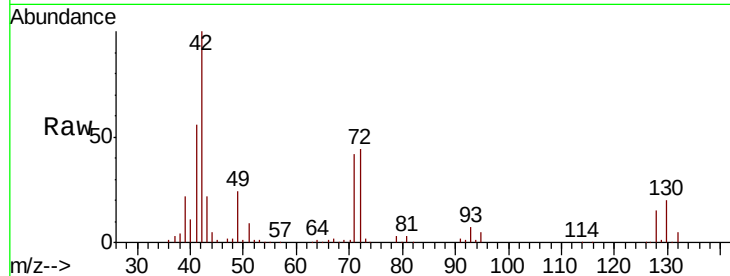




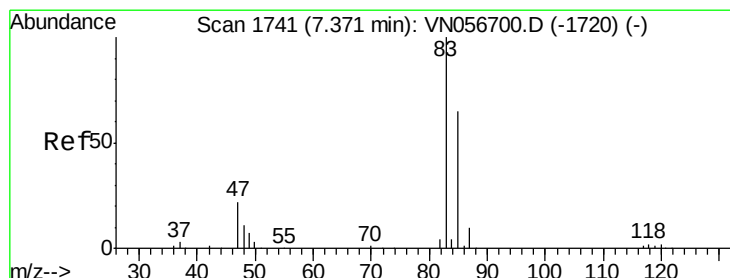
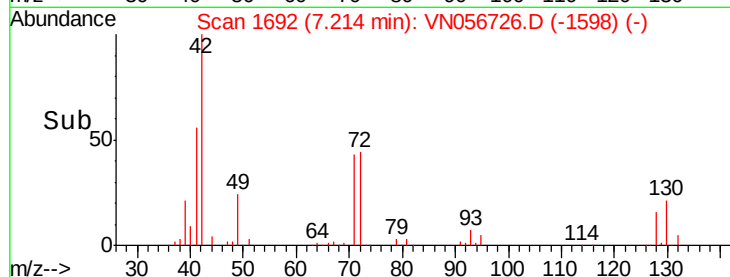
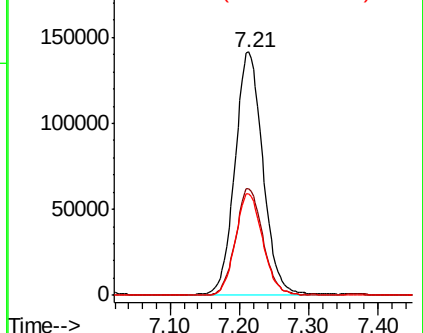
#29
Tetrahydrofuran
Concen: 242.454 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 401014
Ion Ratio Lower Upper
42 100
72 42.4 33.5 50.3
71 40.7 31.8 47.8

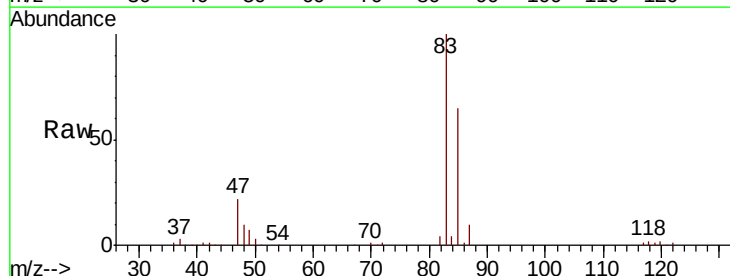


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

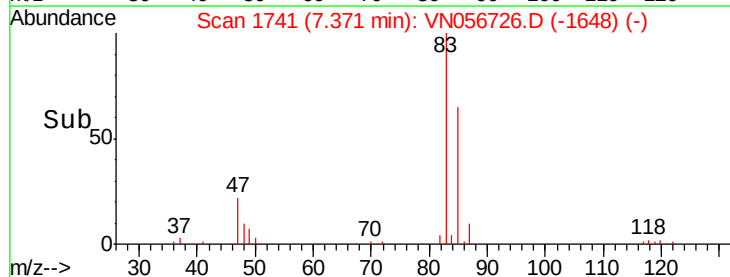
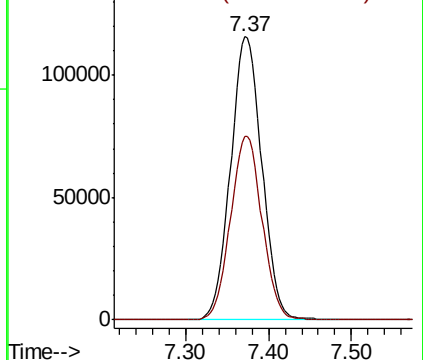


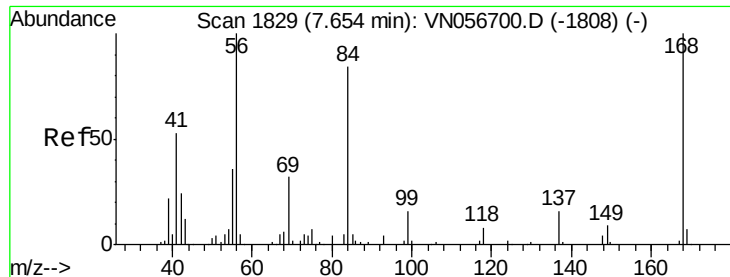
#30
Chloroform
Concen: 48.021 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

Tgt Ion: 83 Resp: 304218
Ion Ratio Lower Upper
83 100
85 64.8 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

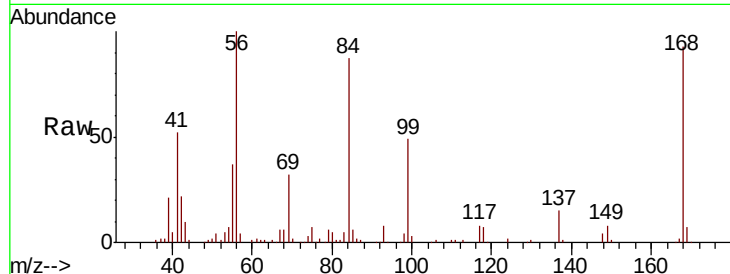




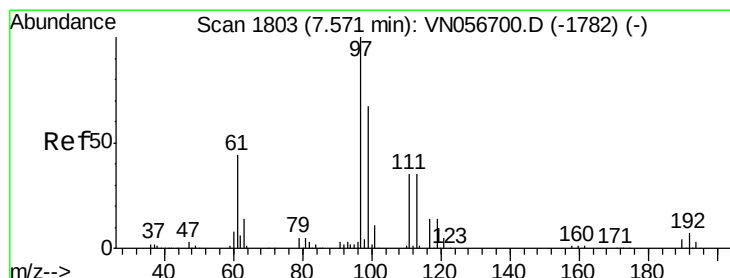
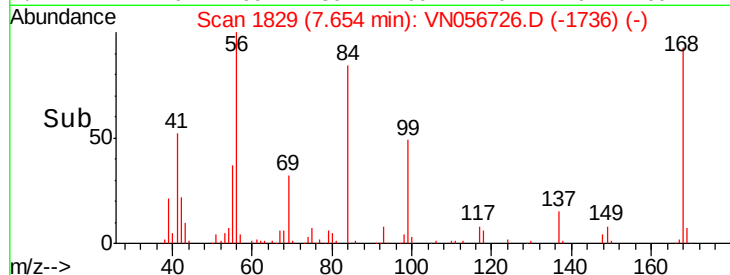
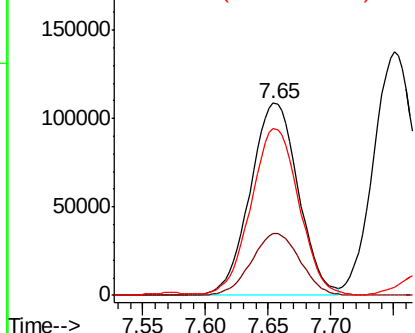
#31
Cyclohexane
Concen: 48.312 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 290700
Ion Ratio Lower Upper
56 100
69 32.3 25.8 38.8
84 86.1 67.4 101.0

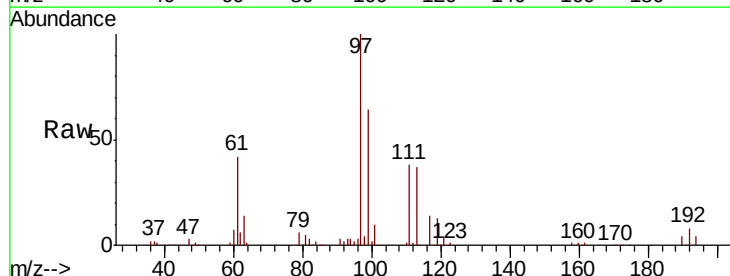


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

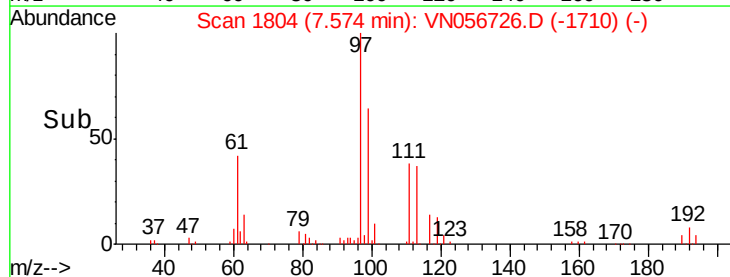
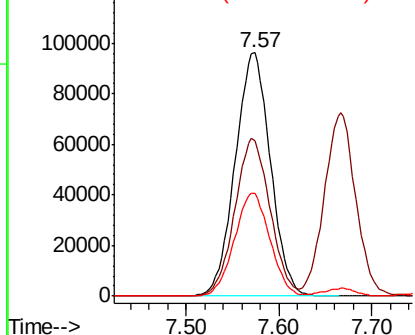


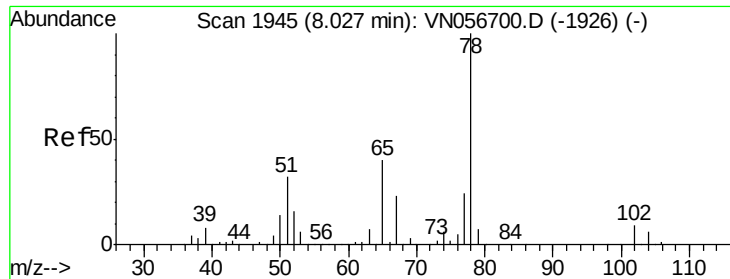
#32
1,1,1-Trichloroethane
Concen: 50.637 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

Tgt Ion: 97 Resp: 253698
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 42.6 34.3 51.5



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC

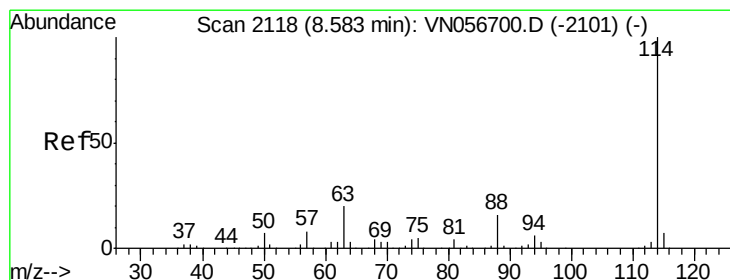
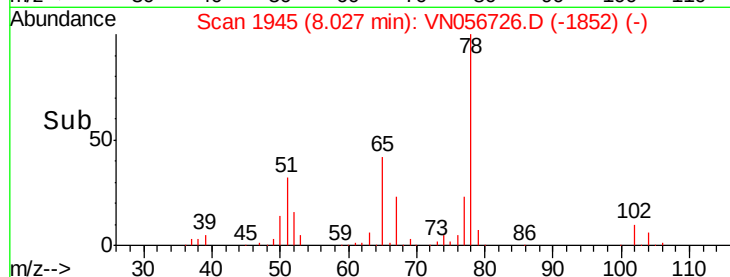
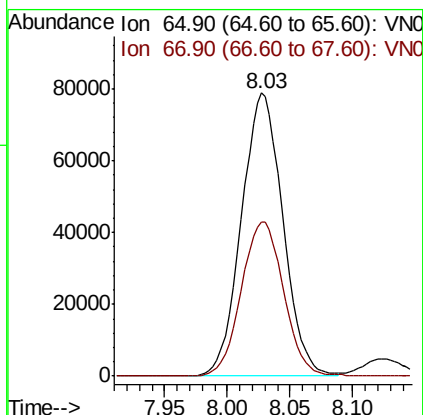
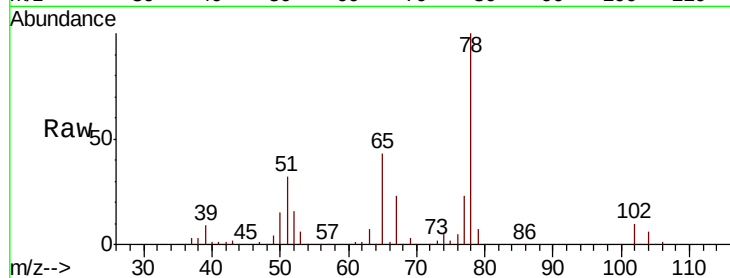




#33
 1,2-Dichloroethane-d4
 Concen: 48.183 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056726.D
 Acq: 15 Jul 2019 21:05

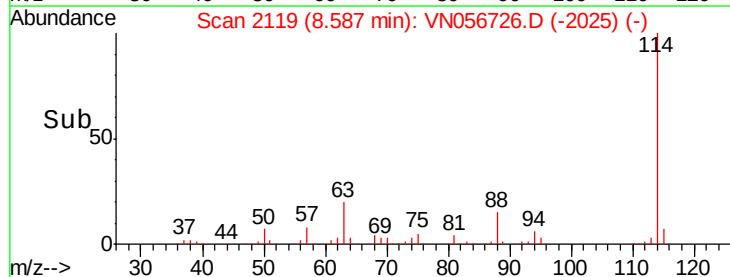
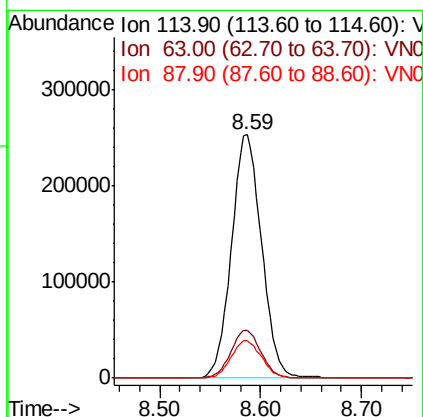
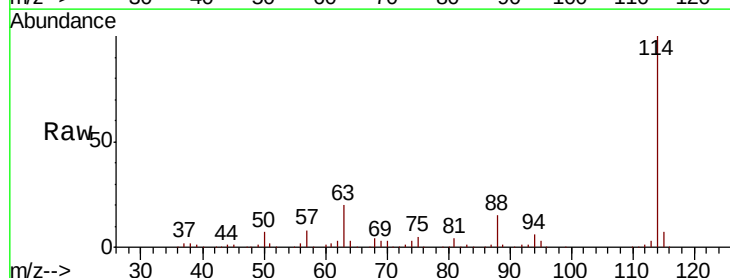
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

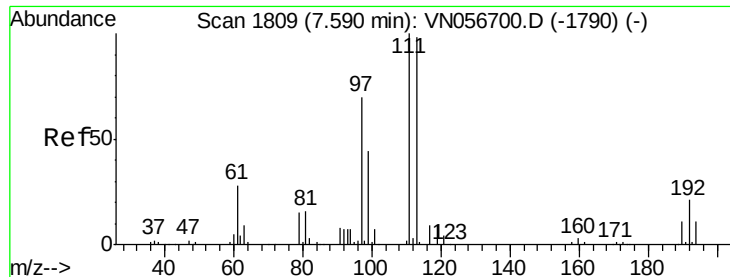
Tot Ion: 65 Resp: 181360
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056726.D
 Acq: 15 Jul 2019 21:05

Tgt Ion: 114 Resp: 525601
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.4
 88 15.3 0.0 31.2

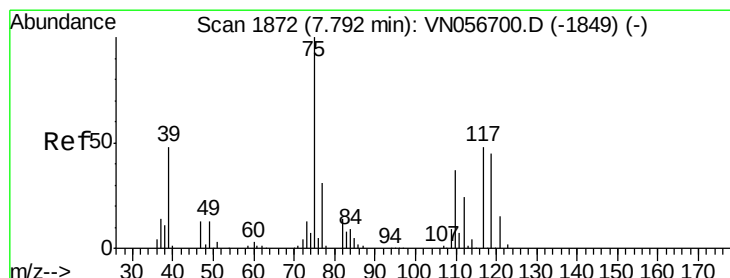
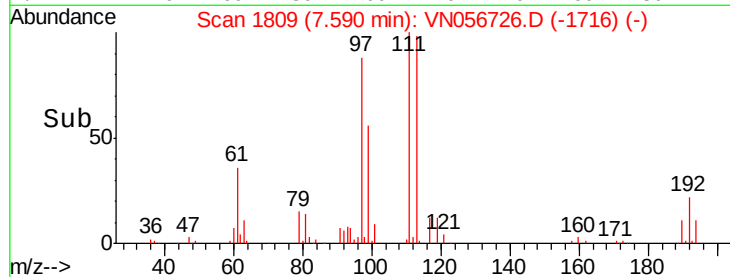
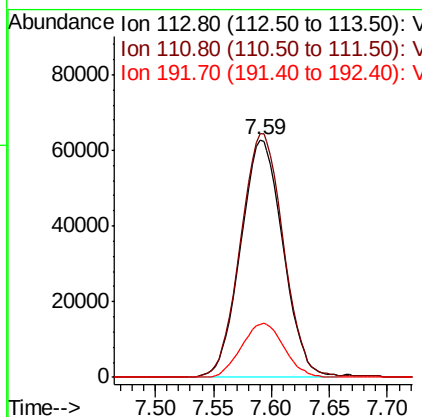
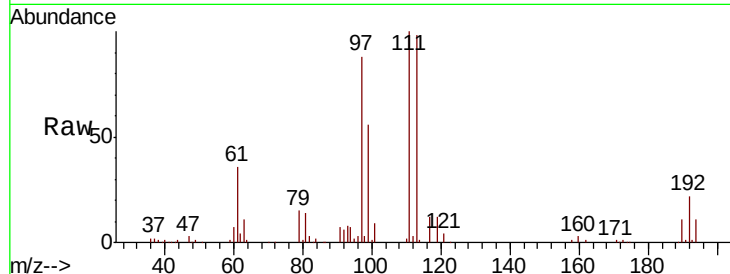




#35
 Dibromofluoromethane
 Concen: 48.744 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056726.D
 Acq: 15 Jul 2019 21:05

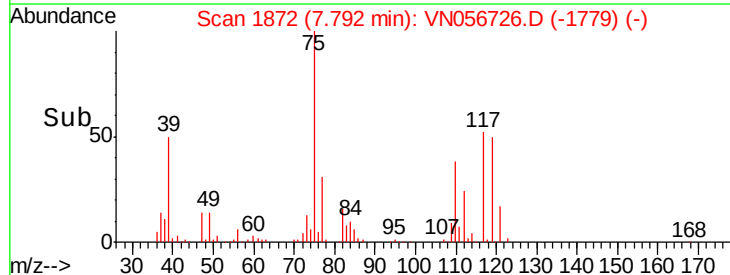
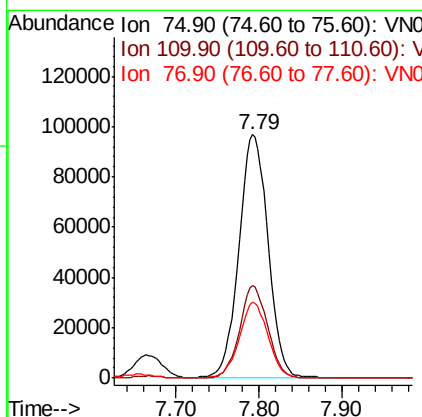
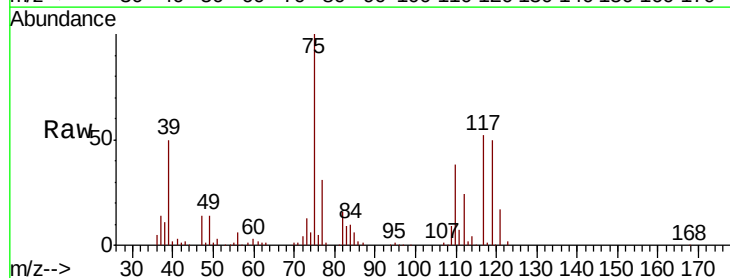
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

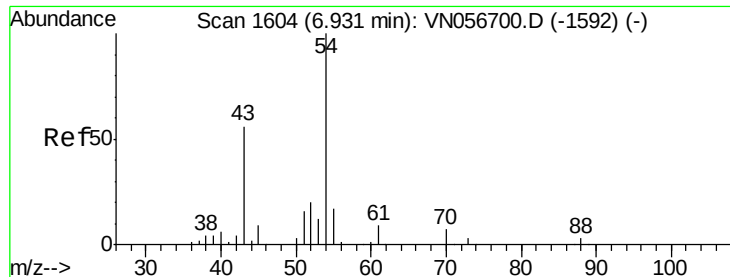
Tot Ion:113 Resp: 159439
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.8 122.6
 192 22.9 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 48.388 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN056726.D
 Acq: 15 Jul 2019 21:05

Tgt Ion: 75 Resp: 235345
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.4 55.4
 77 30.8 24.6 36.8

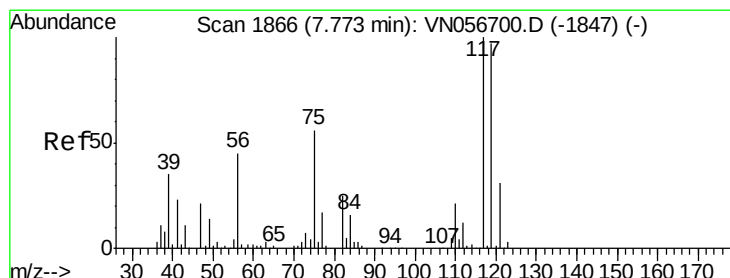
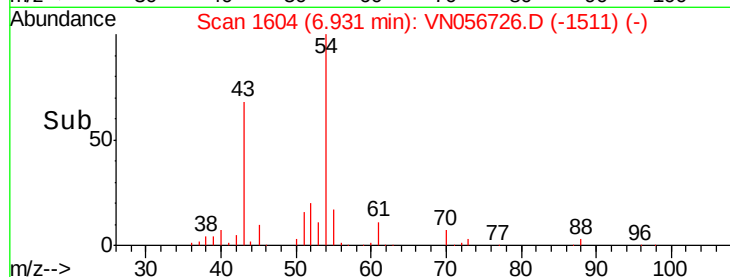
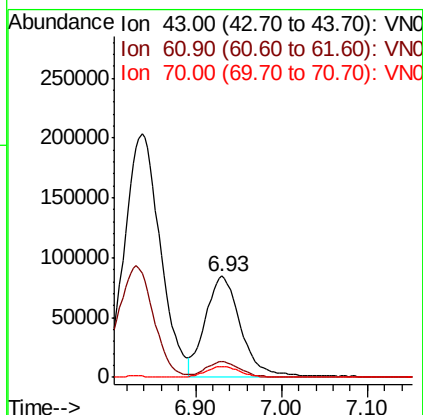
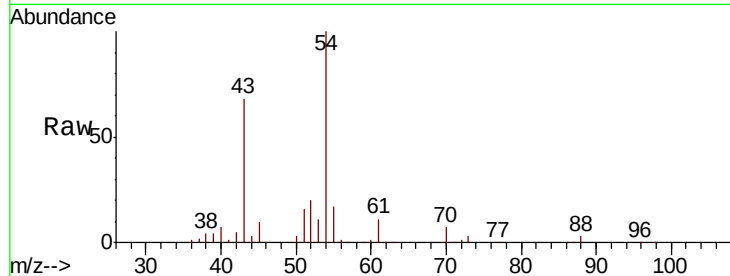




#37
Ethyl Acetate
Concen: 50.021 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

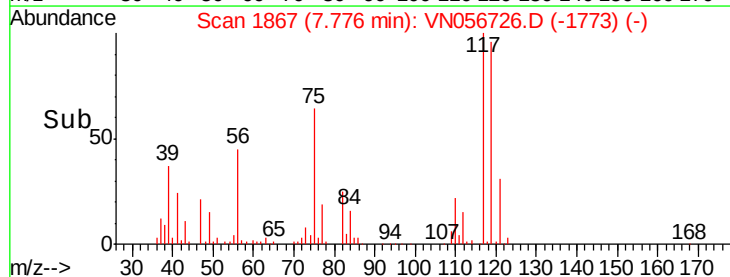
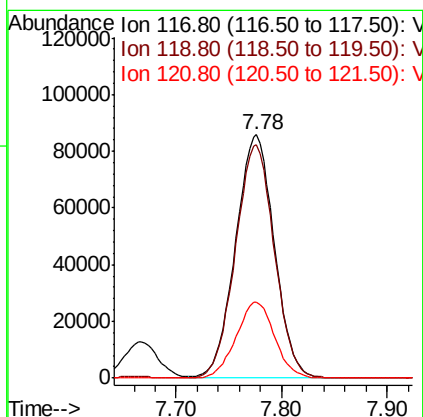
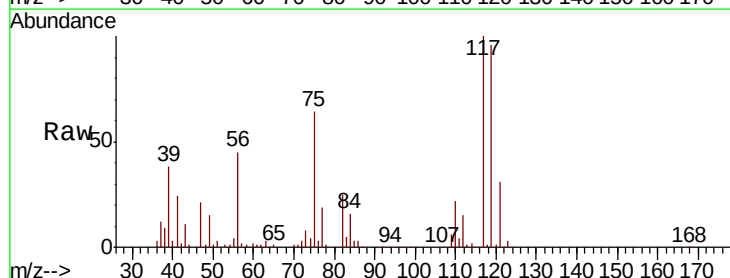
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

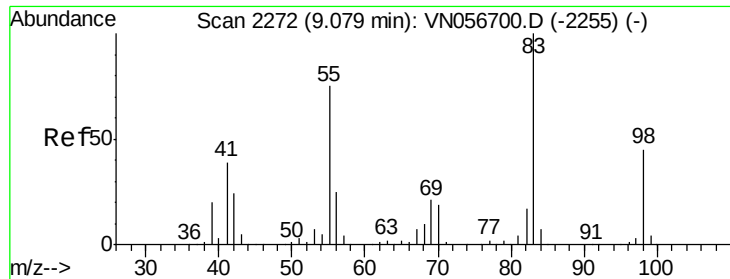
Tot Ion: 43 Resp: 239784
Ion Ratio Lower Upper
43 100
61 15.6 11.3 16.9
70 10.6 8.5 12.7



#38
Carbon Tetrachloride
Concen: 47.773 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

Tgt Ion: 117 Resp: 217904
Ion Ratio Lower Upper
117 100
119 96.1 77.5 116.3
121 31.3 24.7 37.1

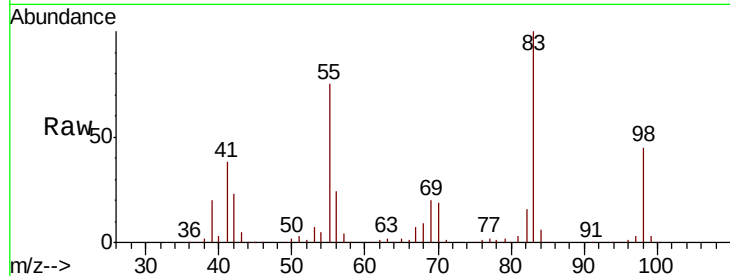




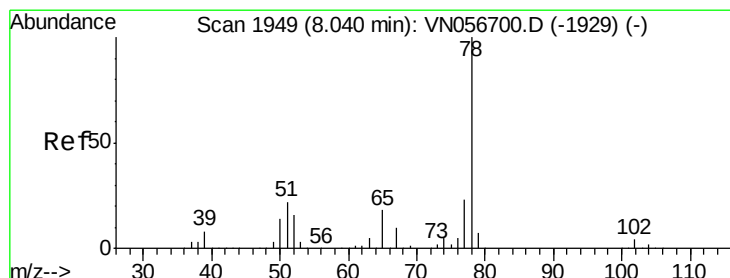
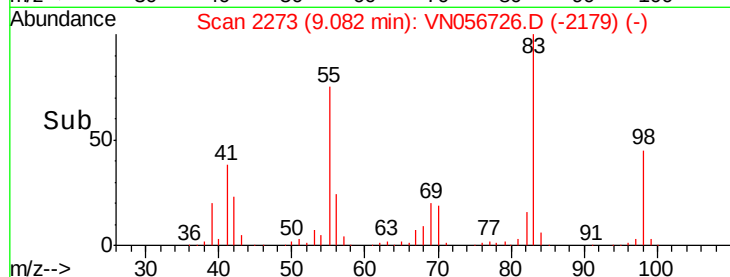
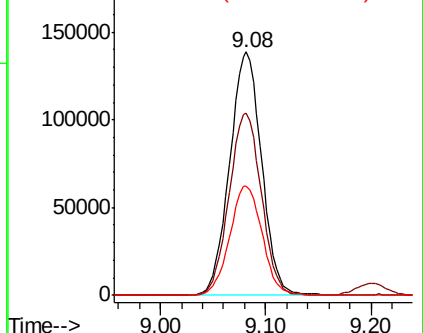
#39
Methylvlcyclohexane
Concen: 48.464 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 291052
Ion Ratio Lower Upper
83 100
55 75.0 60.4 90.6
98 44.9 35.8 53.8

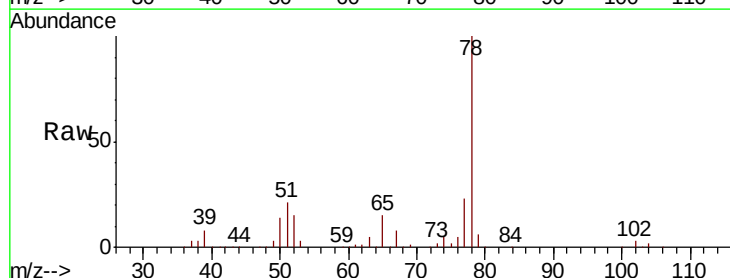


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

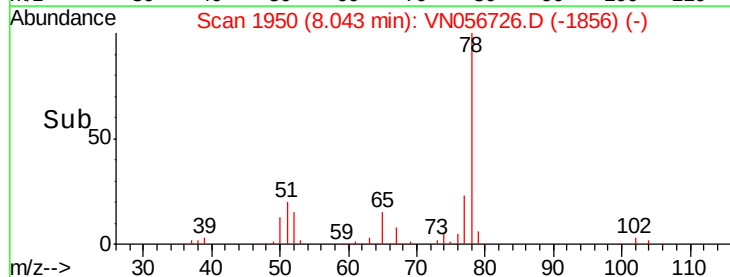
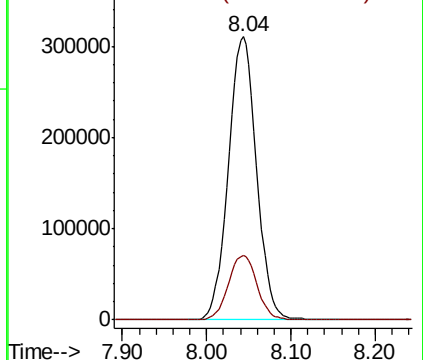


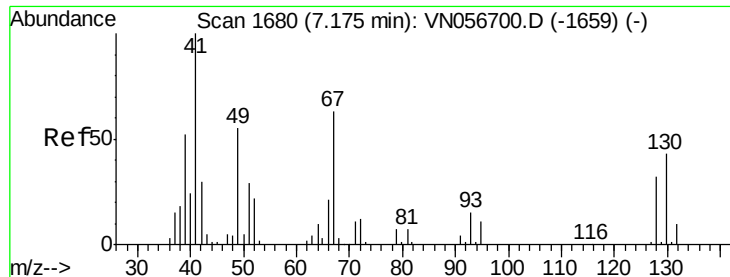
#40
Benzene
Concen: 48.288 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

Tgt Ion: 78 Resp: 719615
Ion Ratio Lower Upper
78 100
77 22.8 18.6 27.8



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

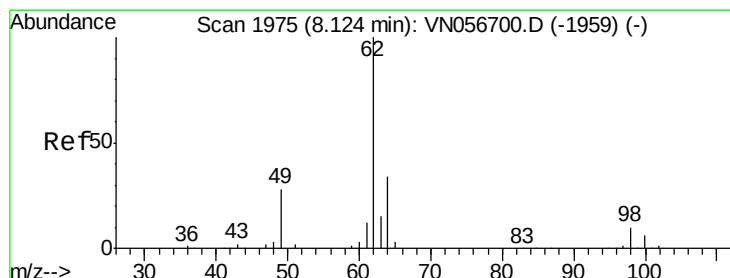
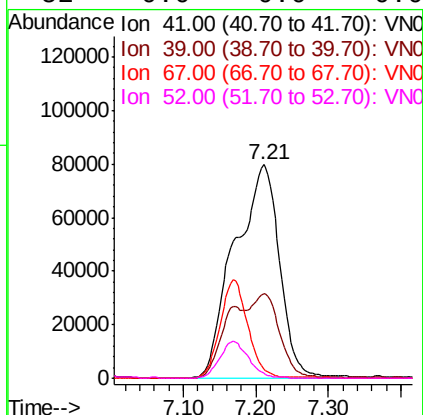
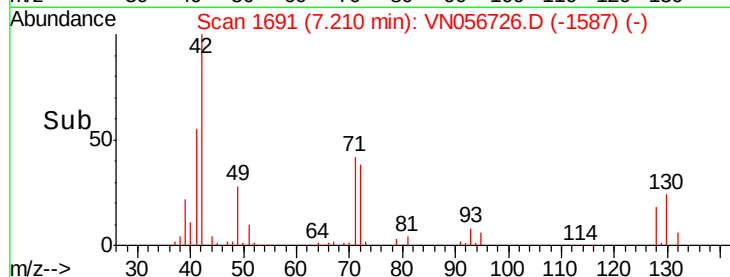
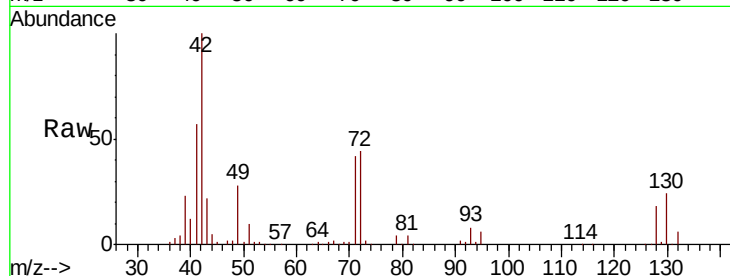




#41
Methacrylonitrile
Concen: 163.251 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.04 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

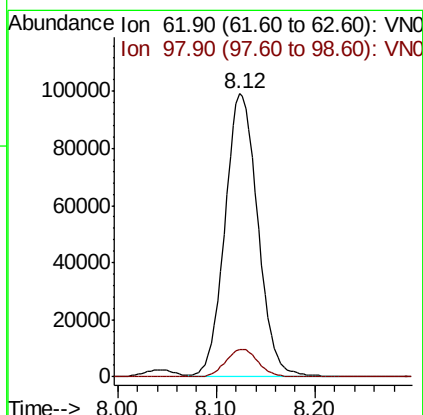
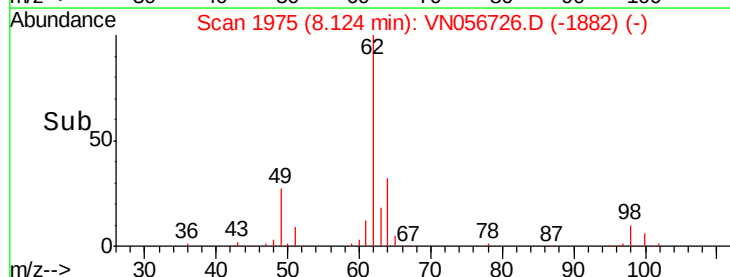
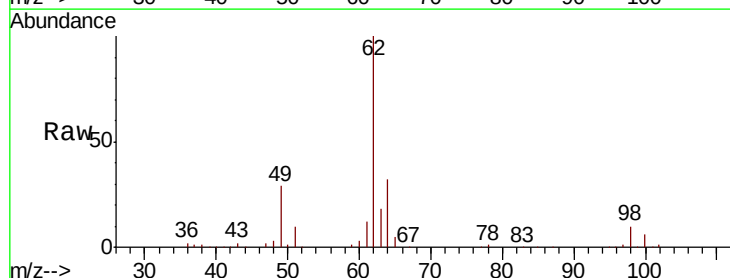
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

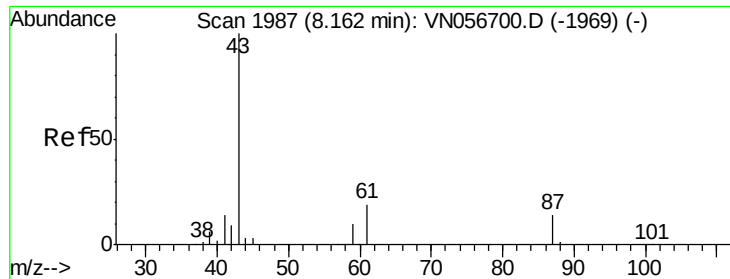
Tot Ion:	41	Resp:	343749
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 48.850 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

Tgt Ion:	62	Resp:	230079
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.8





#43

Isopropyl Acetate

Concen: 49.418 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

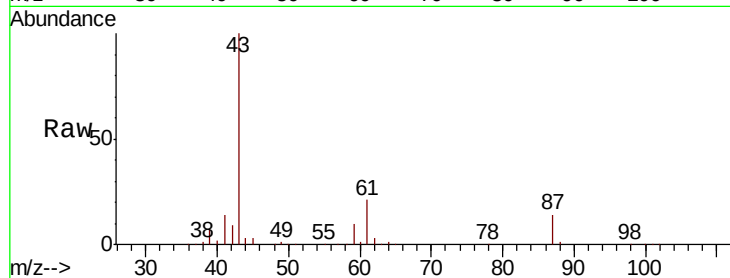
Tot Ion: 43 Resp: 372413

Ion Ratio Lower Upper

43 100

61 27.9 22.3 33.5

87 14.0 11.1 16.7

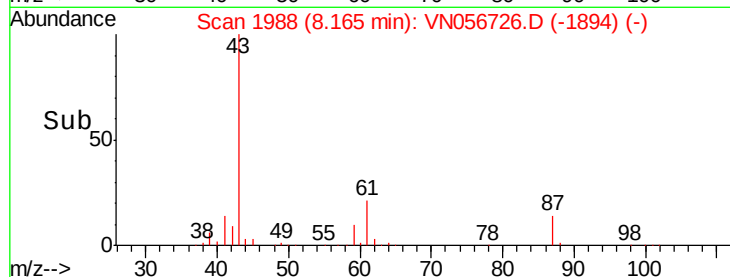


Abundance Ion 43.00 (42.70 to 43.70): VN056700.D (-1969) (-)

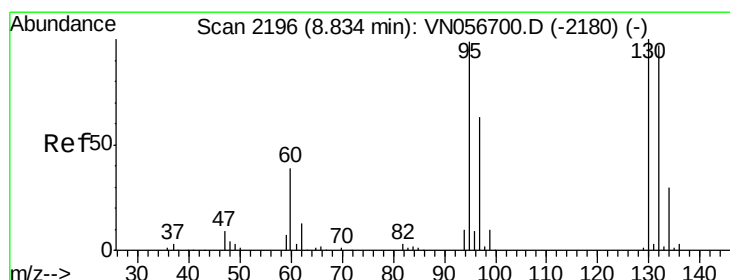
Ion 61.00 (60.70 to 61.70): VN056700.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN056700.D (-1969) (-)

8.17



Time--> 8.05 8.10 8.15 8.20 8.25



#44

Trichloroethene

Concen: 48.060 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056726.D

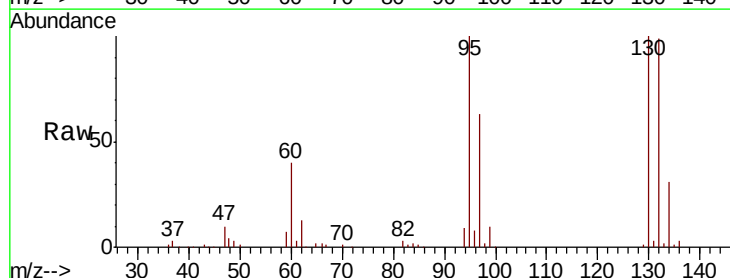
Acq: 15 Jul 2019 21:05

Tgt Ion:130 Resp: 194495

Ion Ratio Lower Upper

130 100

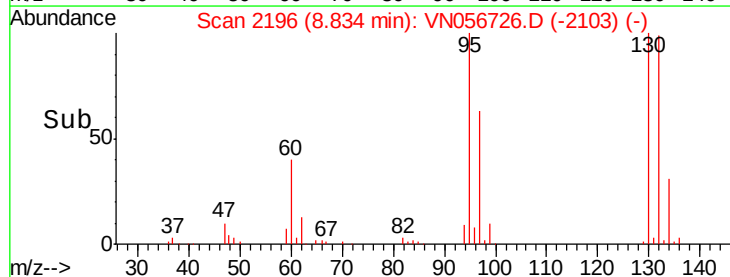
95 100.3 0.0 197.2



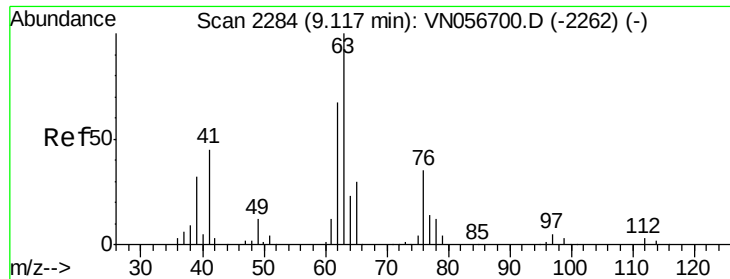
Abundance Ion 129.80 (129.50 to 130.50): VN056700.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN056700.D (-2180) (-)

8.83



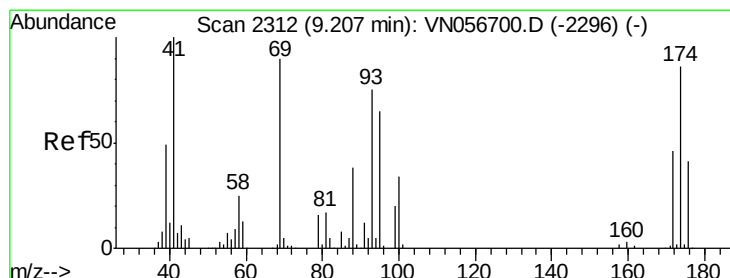
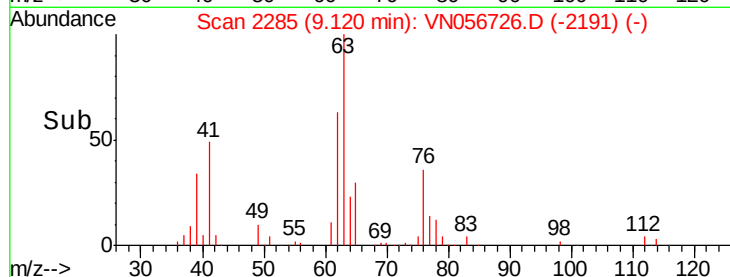
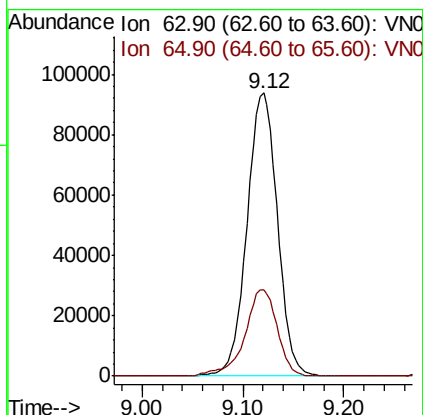
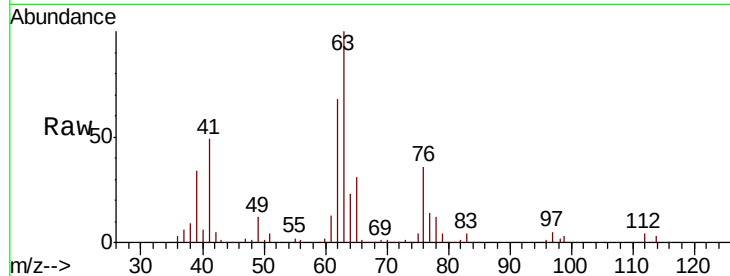
Time--> 8.80 8.90



#45
 1,2-Dichloropropane
 Concen: 49.437 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056726.D
 Acq: 15 Jul 2019 21:05

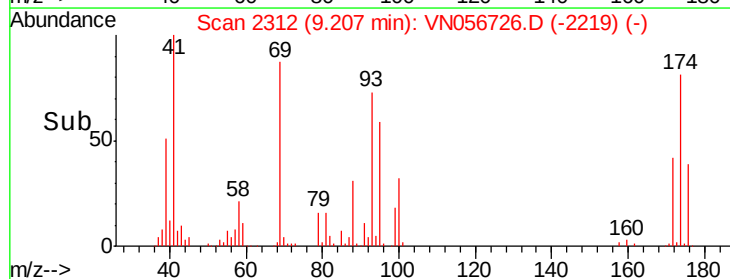
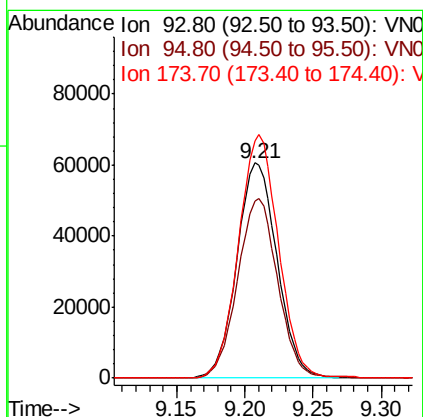
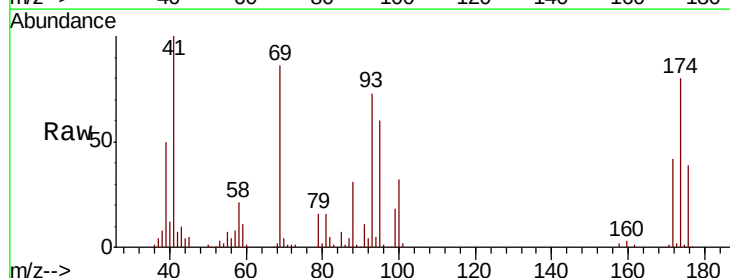
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

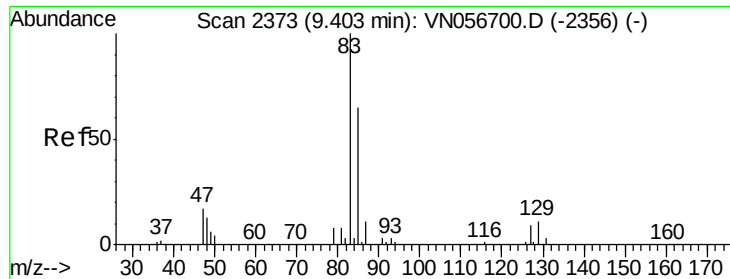
Tot Ion: 63 Resp: 195763
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.0 36.0



#46
 Dibromomethane
 Concen: 50.645 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056726.D
 Acq: 15 Jul 2019 21:05

Tgt Ion: 93 Resp: 124281
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.4 101.0
 174 112.7 90.3 135.5





#47

Bromodichloromethane

Concen: 50.149 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

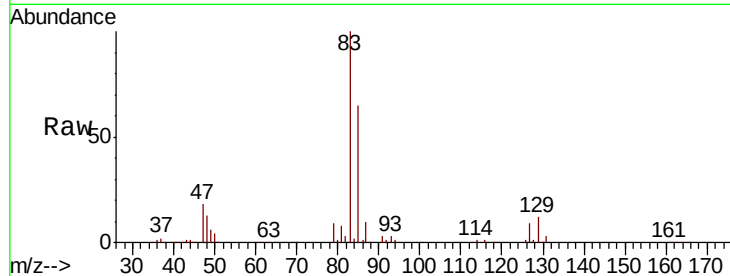
Tot Ion: 83 Resp: 233852

Ion Ratio Lower Upper

83 100

85 65.5 52.3 78.5

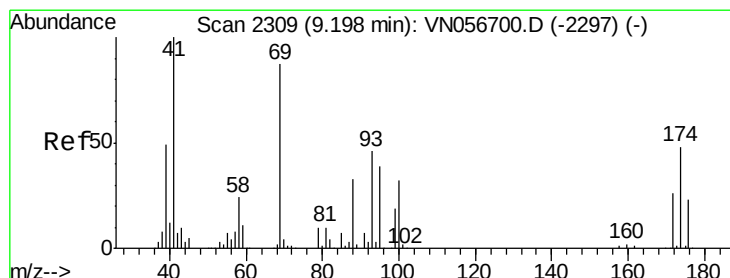
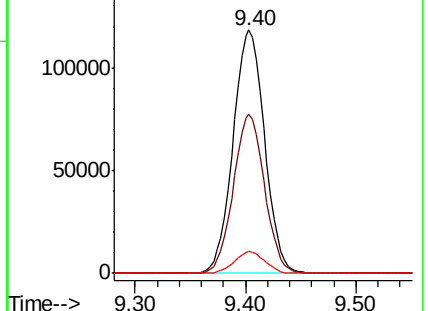
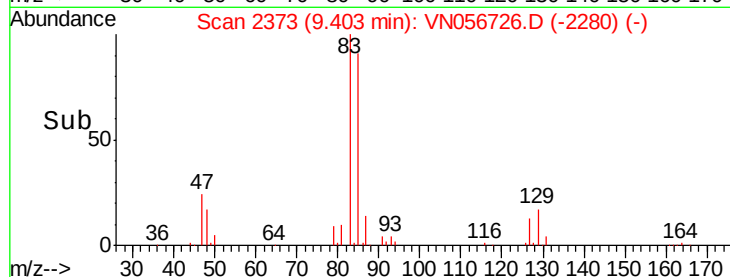
127 9.2 7.6 11.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 49.725 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

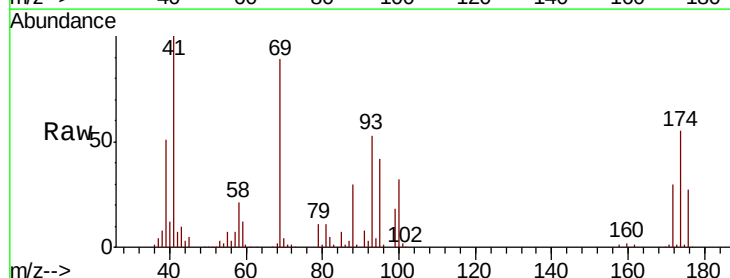
Tgt Ion: 41 Resp: 181224

Ion Ratio Lower Upper

41 100

69 90.1 71.4 107.0

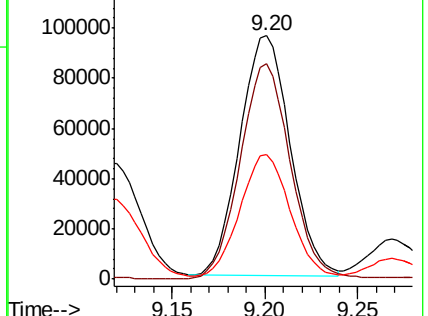
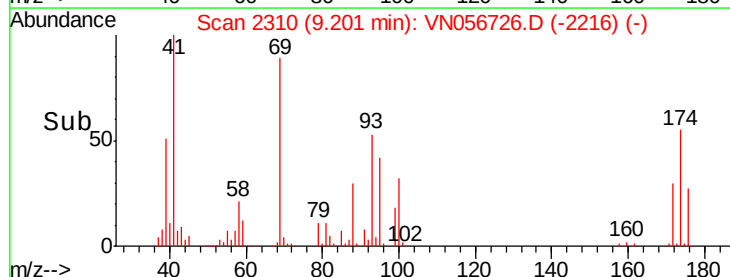
39 52.2 41.2 61.8

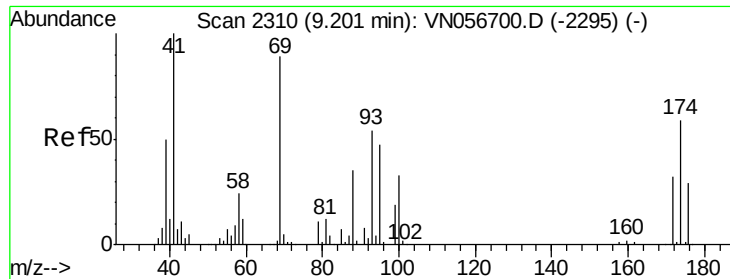


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

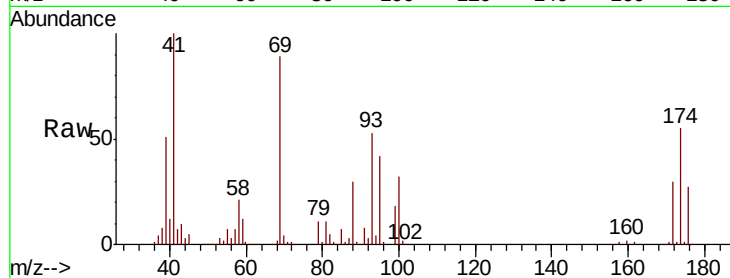




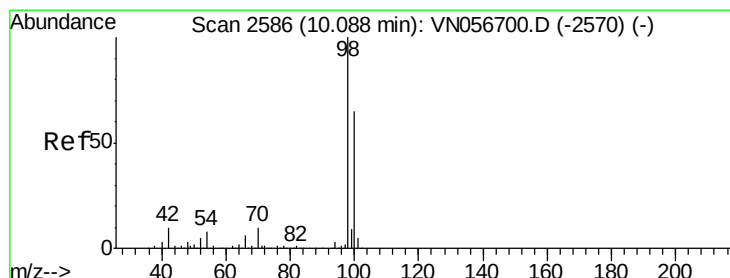
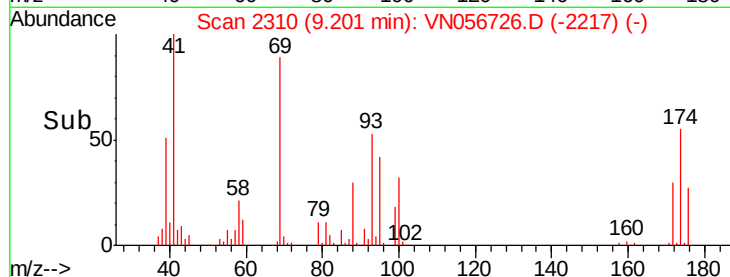
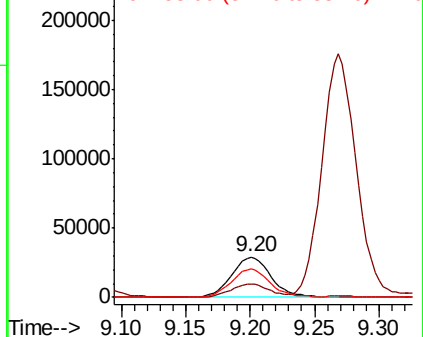
#49
 1,4-Dioxane
 Concen: 823.397 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN056726.D
 Acq: 15 Jul 2019 21:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 61575
 Ion Ratio Lower Upper
 88 100
 43 30.3 23.7 35.5
 58 69.5 55.6 83.4

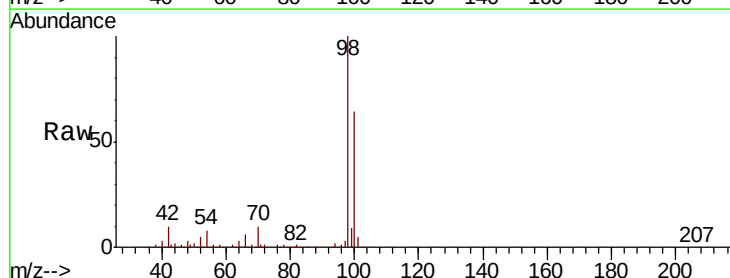


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

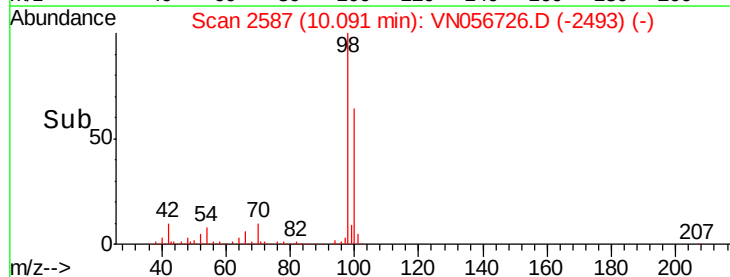
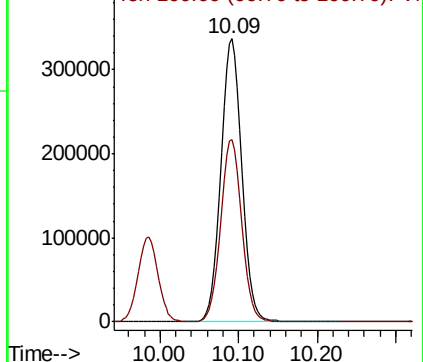


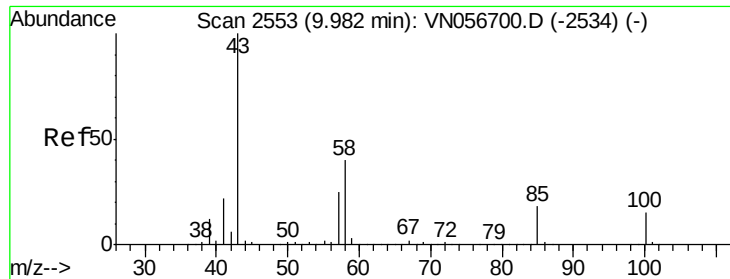
#50
 Toluene-d8
 Concen: 48.684 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN056726.D
 Acq: 15 Jul 2019 21:05

Tgt Ion: 98 Resp: 615031
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.0 78.0



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: 245.453 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

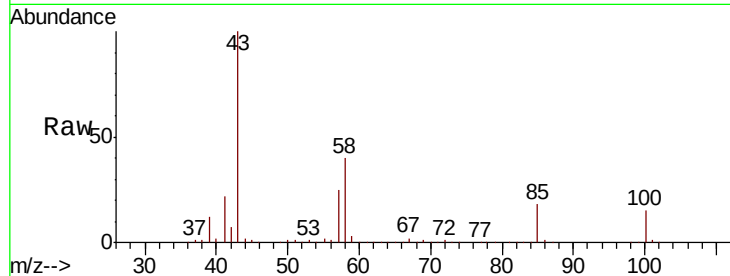
VSTDCCC050

Tot Ion: 43 Resp: 1198050

Ion Ratio Lower Upper

43 100

58 40.0 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

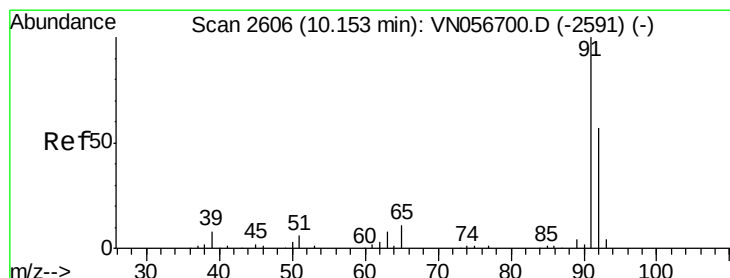
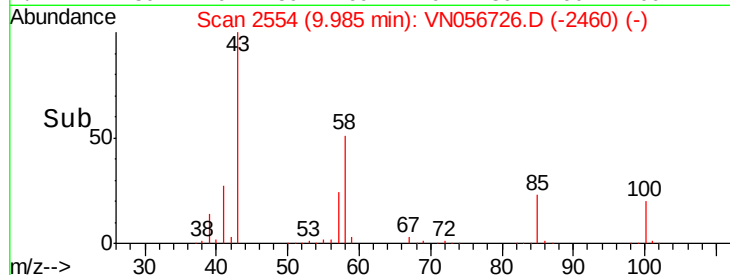
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.581 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056726.D

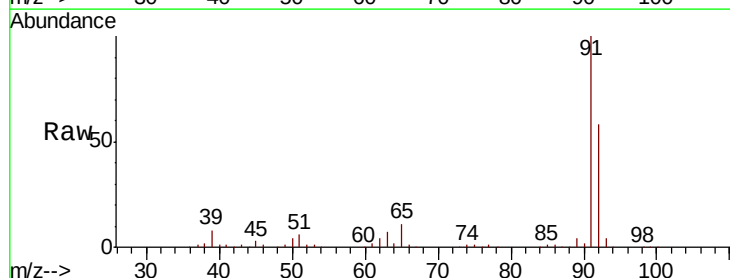
Acq: 15 Jul 2019 21:05

Tgt Ion: 92 Resp: 447658

Ion Ratio Lower Upper

92 100

91 172.8 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

500000

400000

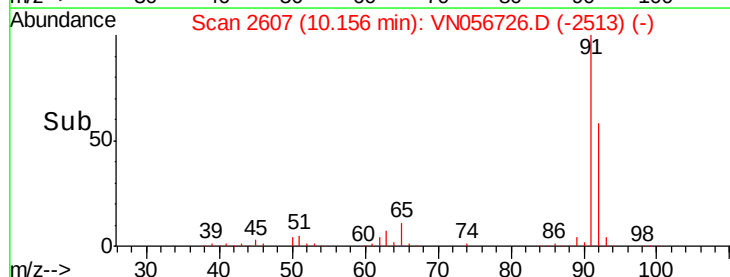
300000

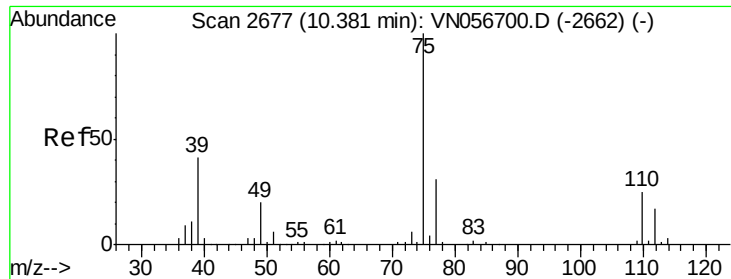
200000

100000

0

Time-->

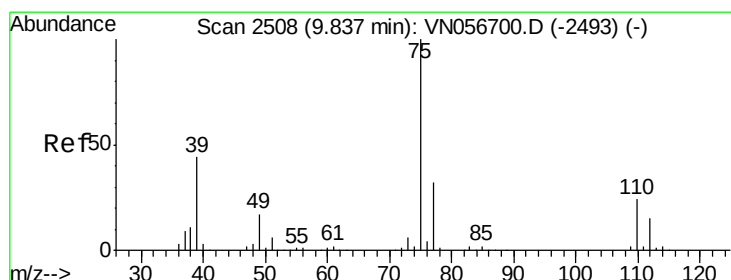
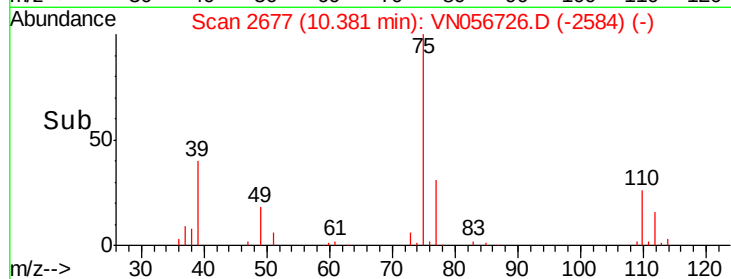
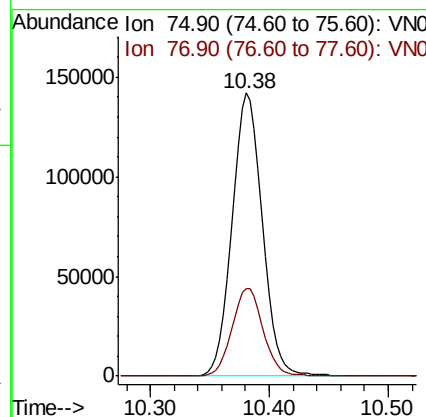
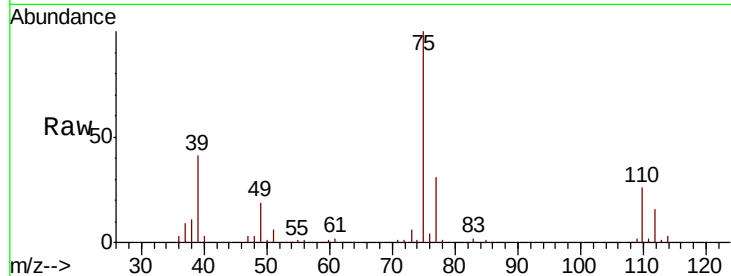




#53
t-1,3-Dichloropropene
Concen: 51.447 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

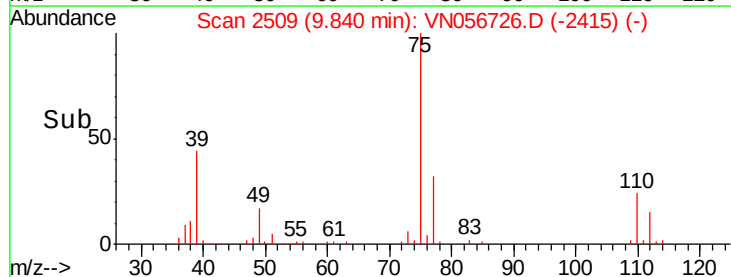
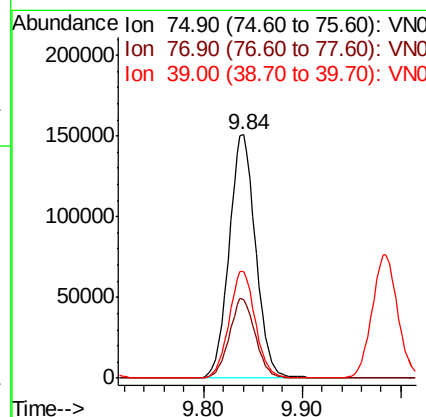
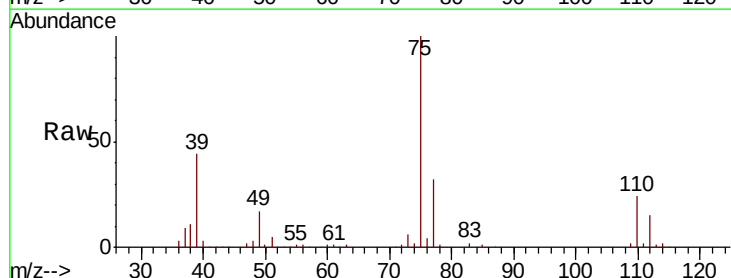
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

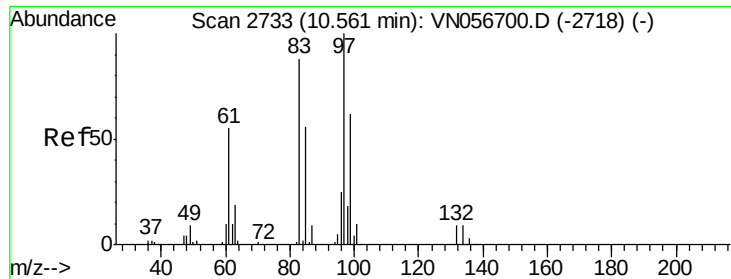
Tot Ion: 75 Resp: 250294
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 50.302 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

Tgt Ion: 75 Resp: 283988
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0
39 44.0 35.1 52.7





#55

1,1,2-Trichloroethane

Concen: 48.405 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

Instrument :

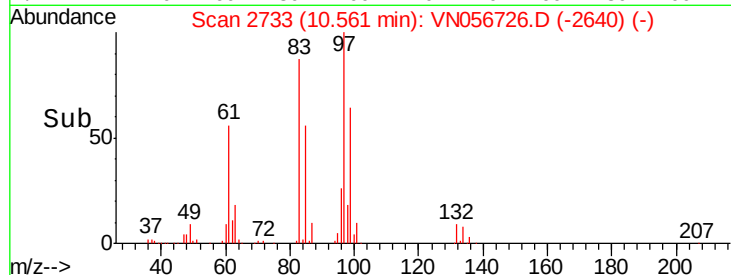
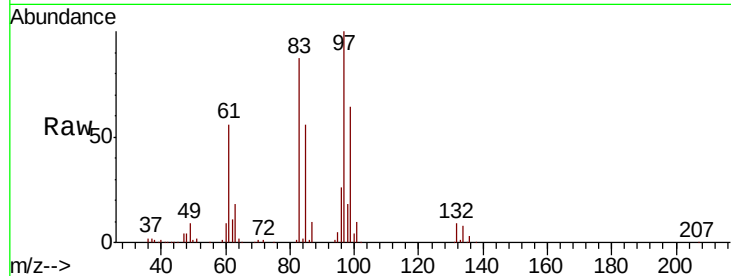
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 179687

Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.3	105.5
85	56.2	44.8	67.2
99	63.8	49.6	74.4

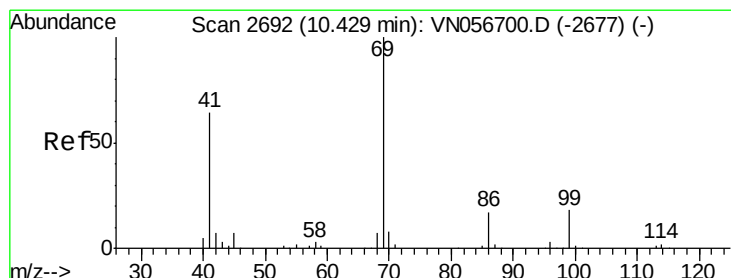
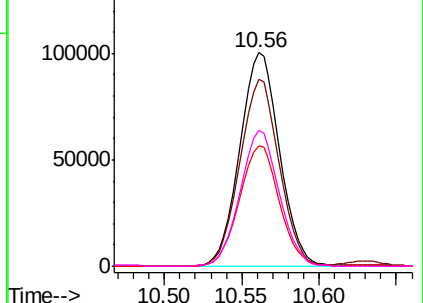


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 51.941 ug/l

RT: 10.43 min Scan# 2692

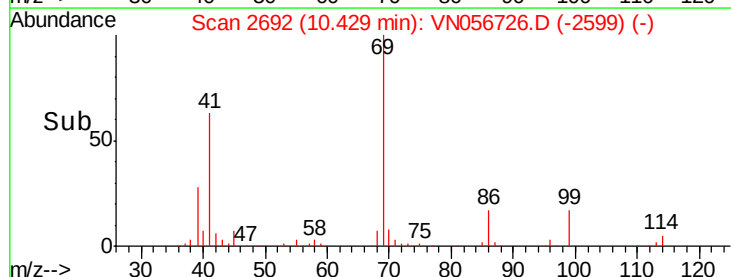
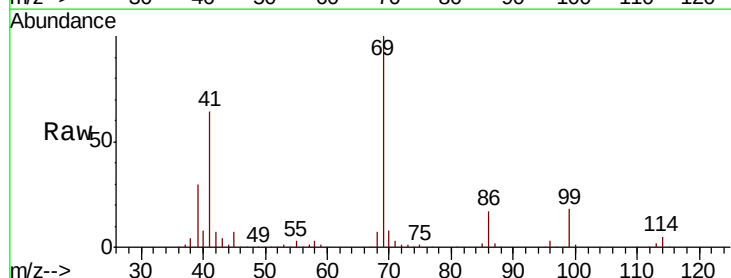
Delta R.T. -0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

Tgt Ion: 69 Resp: 277428

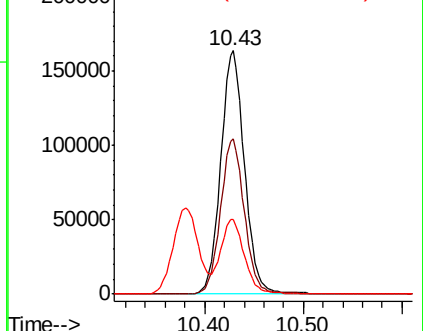
Ion	Ratio	Lower	Upper
69	100		
41	63.2	51.0	76.4
39	29.9	24.6	36.8

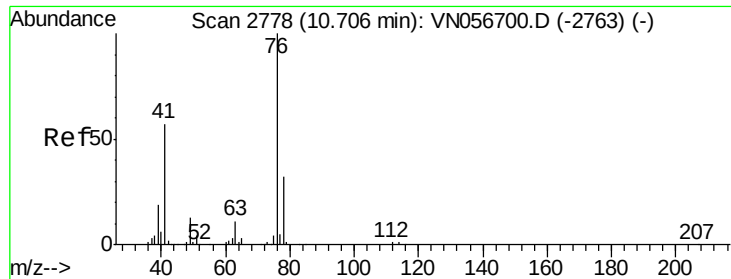


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

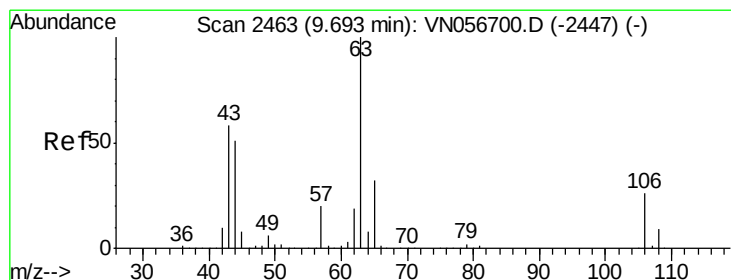
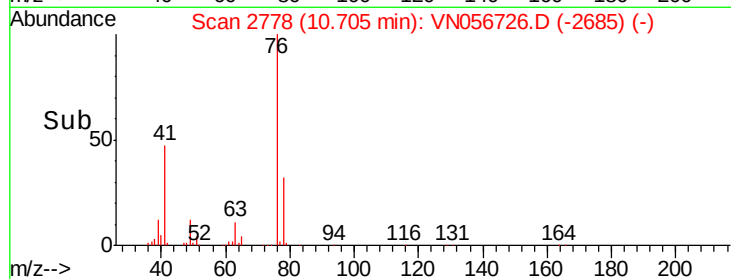
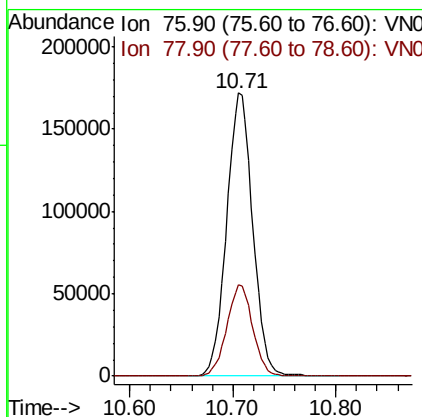
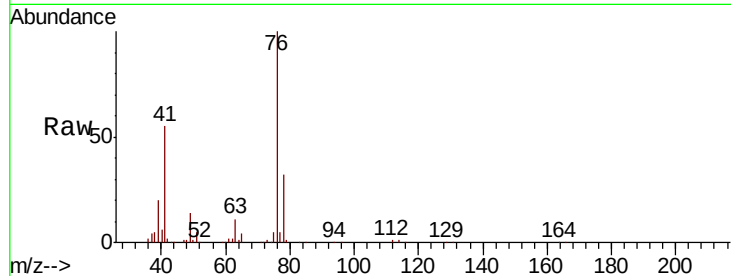




#57
 1,3-Dichloropropane
 Concen: 49.877 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN056726.D
 Acq: 15 Jul 2019 21:05

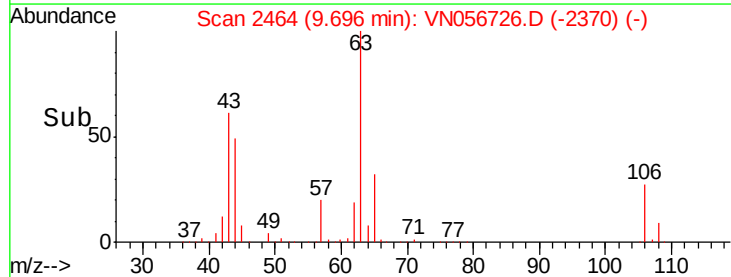
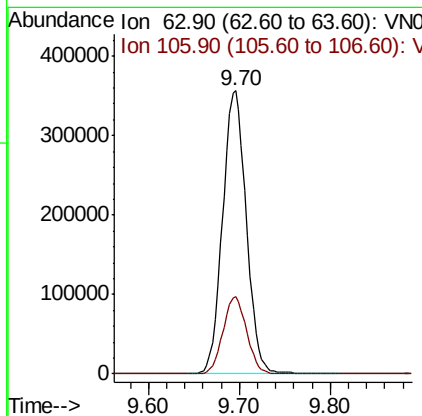
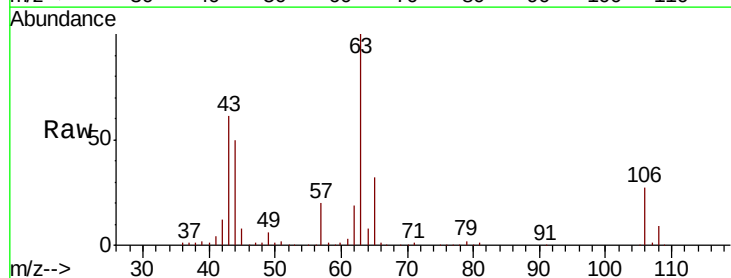
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

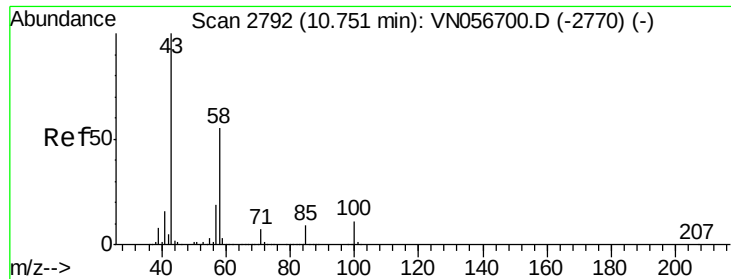
Tot Ion: 76 Resp: 302393
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 251.513 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN056726.D
 Acq: 15 Jul 2019 21:05

Tgt Ion: 63 Resp: 646001
 Ion Ratio Lower Upper
 63 100
 106 27.2 21.2 31.8

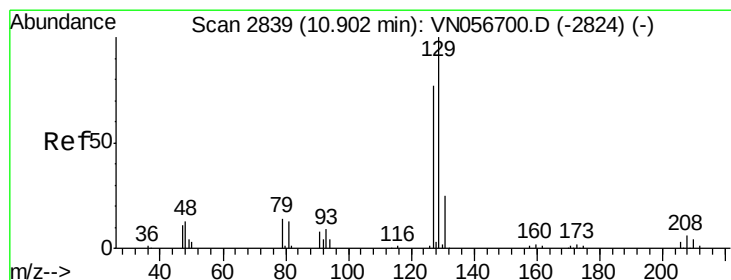
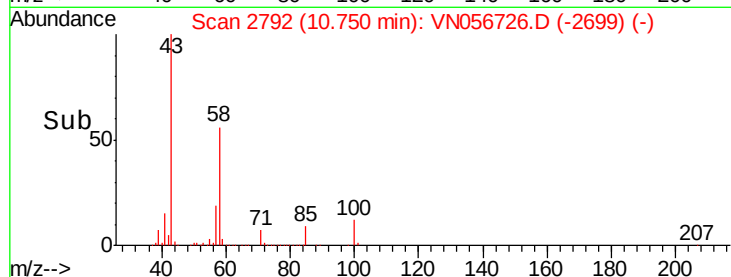
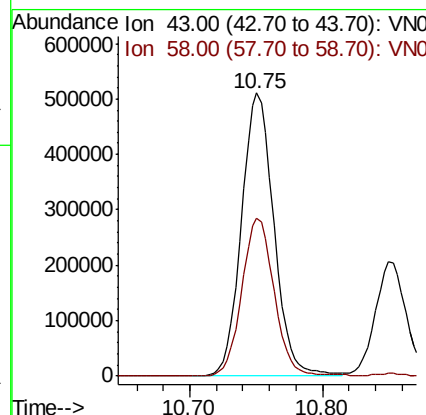
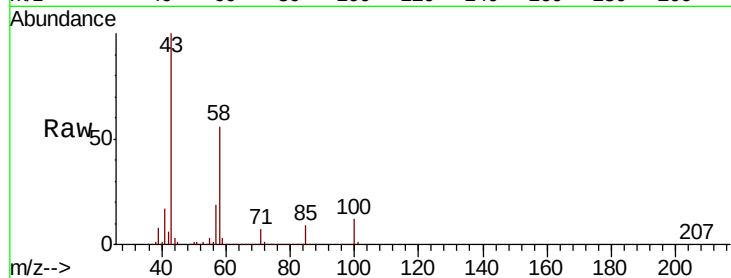




#59
2-Hexanone
Concen: 247.665 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

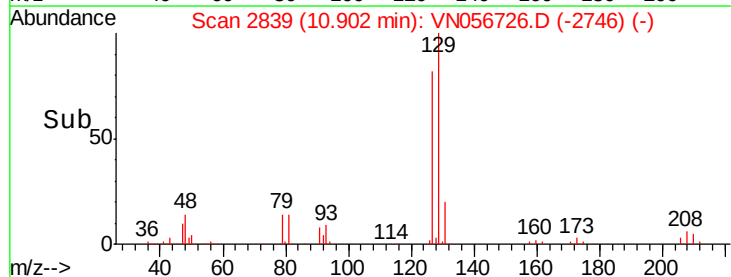
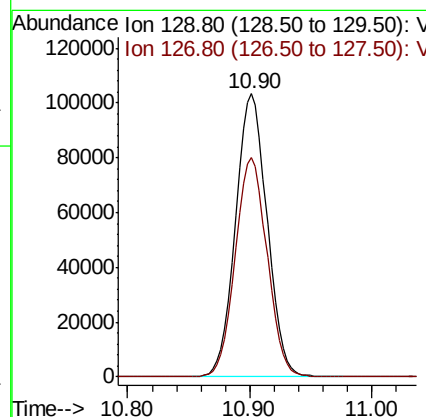
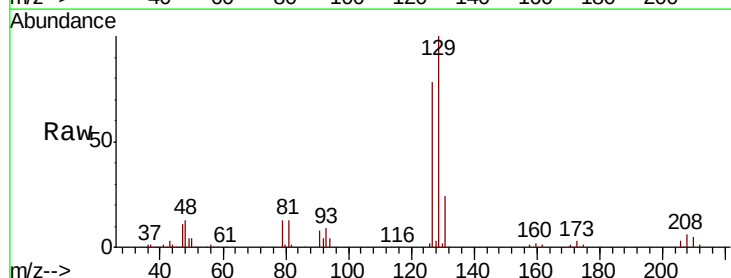
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

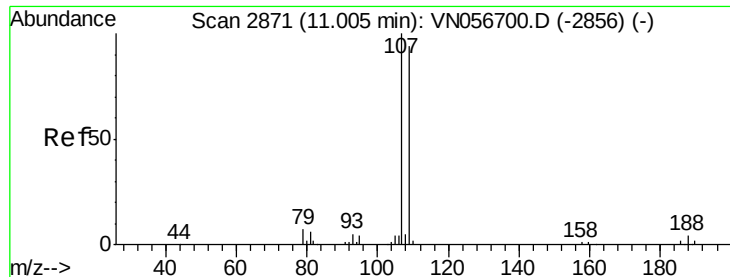
Tot Ion: 43 Resp: 867390
Ion Ratio Lower Upper
43 100
58 55.9 27.9 83.6



#60
Dibromochloromethane
Concen: 50.843 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

Tgt Ion: 129 Resp: 185618
Ion Ratio Lower Upper
129 100
127 78.1 38.2 114.6





#61

1,2-Dibromoethane

Concen: 50.766 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

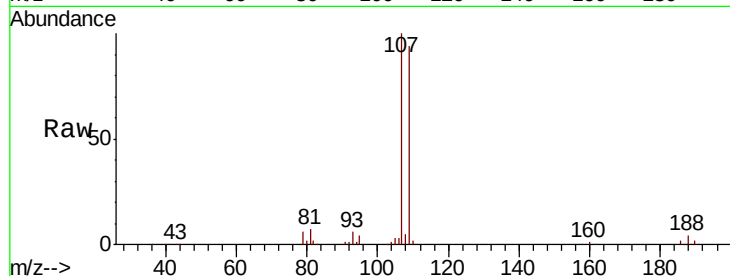
VSTDCCC050

Tot Ion:107 Resp: 187284

Ion Ratio Lower Upper

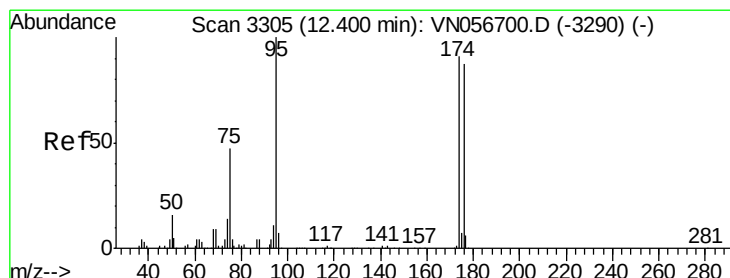
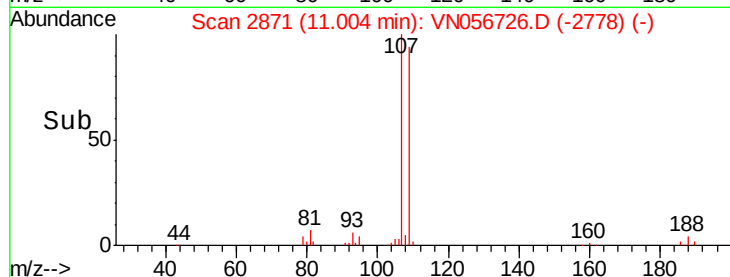
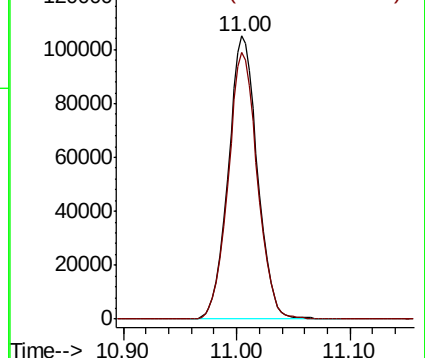
107 100

109 94.9 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.825 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

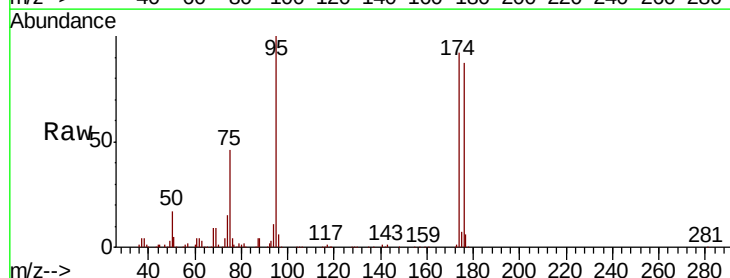
Tgt Ion: 95 Resp: 216529

Ion Ratio Lower Upper

95 100

174 89.9 0.0 180.0

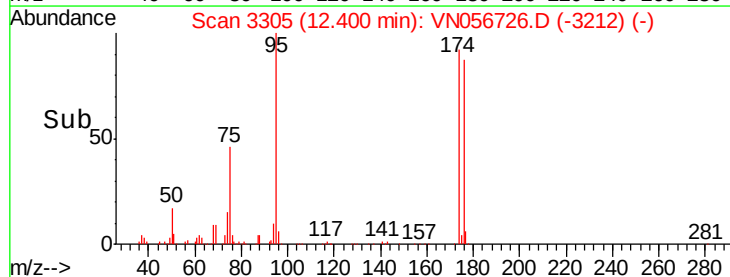
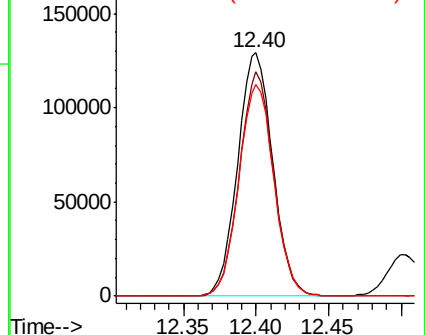
176 87.1 0.0 173.2

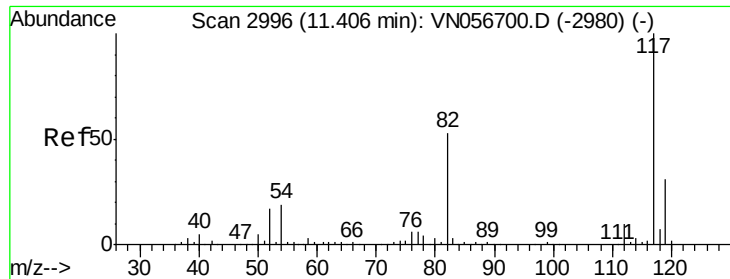


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

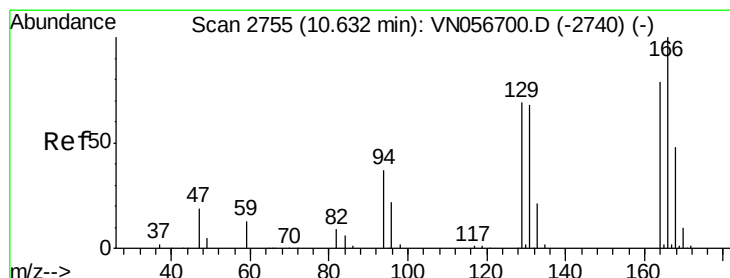
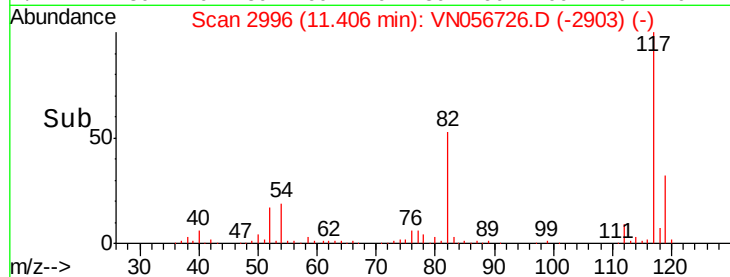
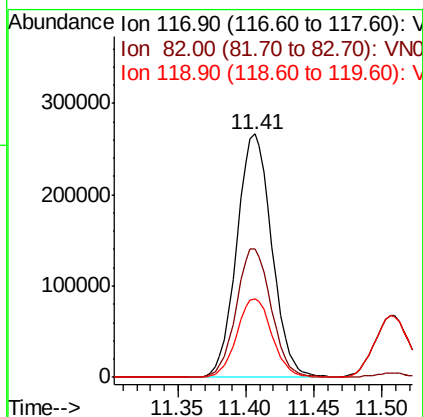
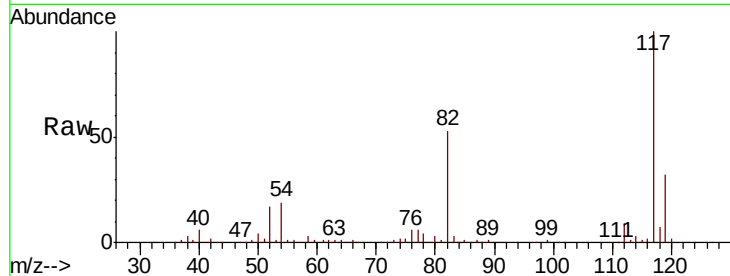




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

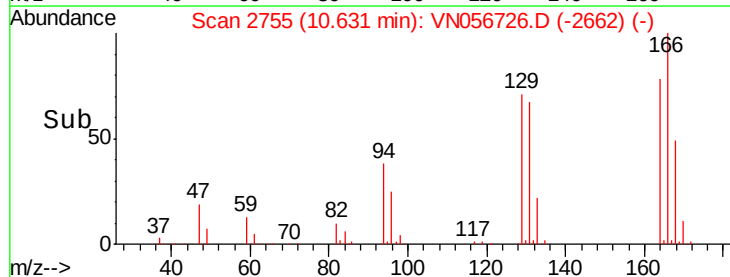
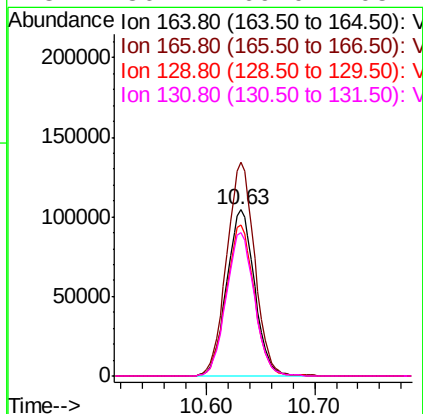
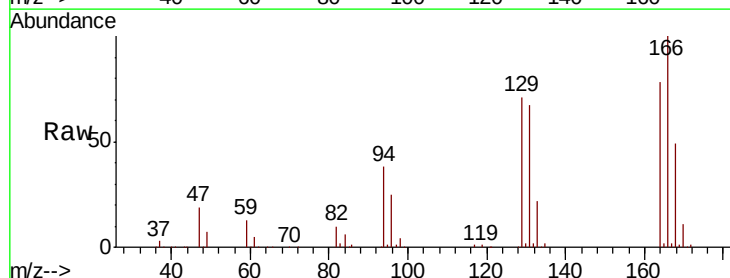
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

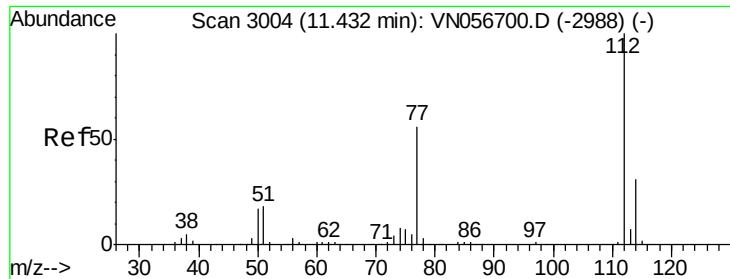
Tot Ion:117 Resp: 475093
Ion Ratio Lower Upper
117 100
82 52.9 42.2 63.2
119 32.3 25.2 37.8



#64
Tetrachloroethene
Concen: 45.995 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

Tgt Ion:164 Resp: 188520
Ion Ratio Lower Upper
164 100
166 128.6 101.4 152.2
129 90.9 69.6 104.4
131 86.2 69.0 103.4

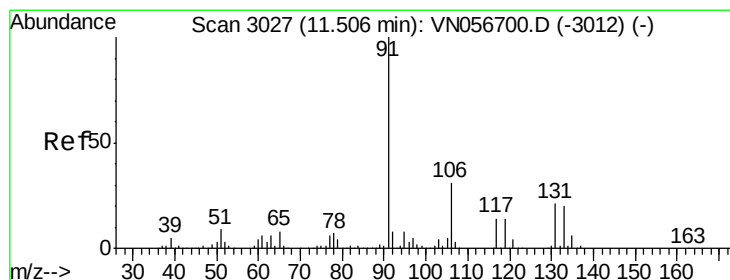
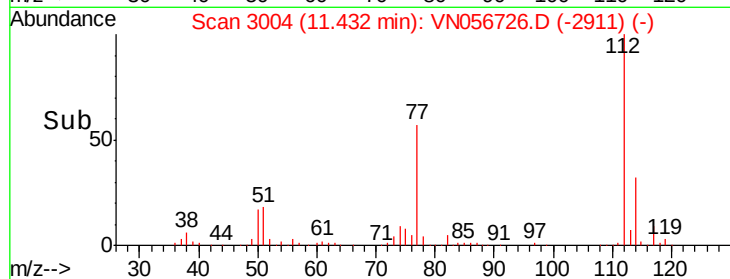
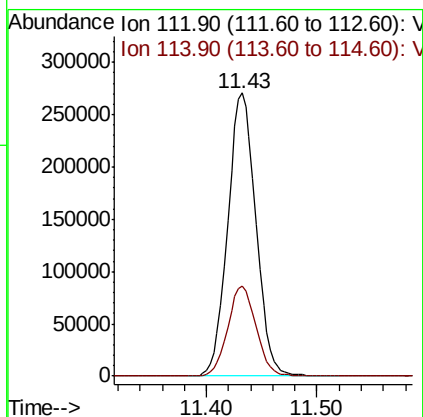
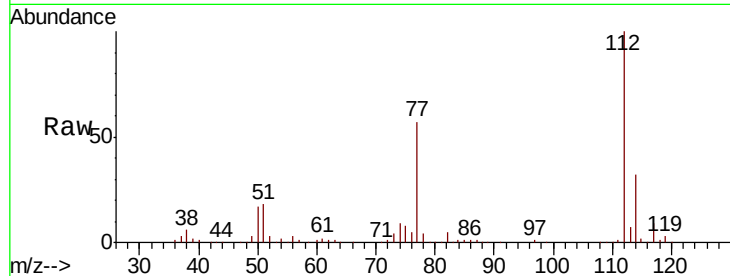




#65
Chlorobenzene
Concen: 49.224 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

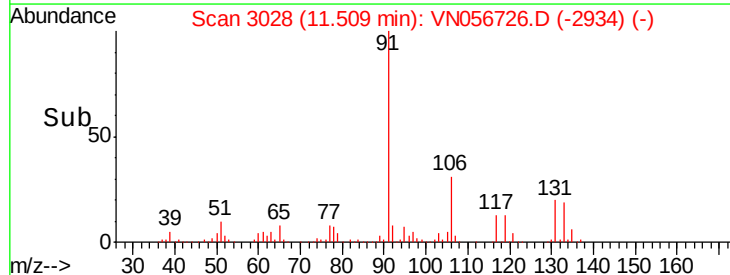
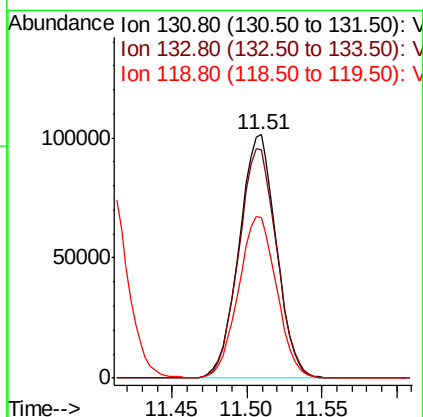
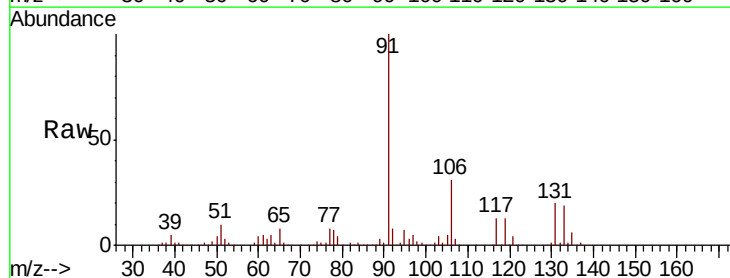
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

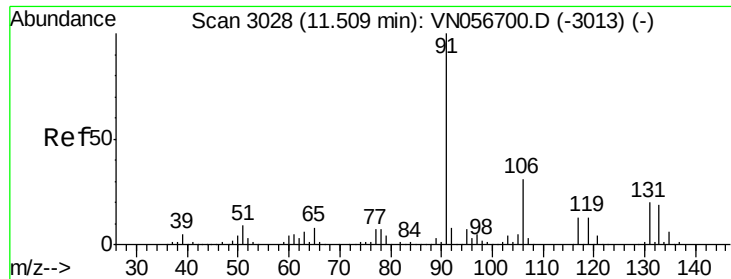
Tot Ion:112 Resp: 478179
Ion Ratio Lower Upper
112 100
114 31.8 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.062 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

Tgt Ion:131 Resp: 175481
Ion Ratio Lower Upper
131 100
133 96.1 46.9 140.7
119 67.9 32.8 98.3





#67

Ethyl Benzene

Concen: 49.552 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

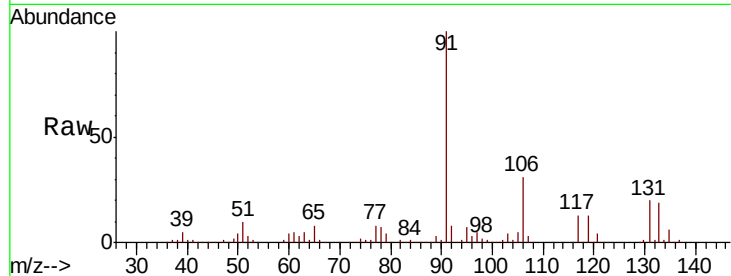
VSTDCCC050

Tot Ion: 91 Resp: 845954

Ion Ratio Lower Upper

91 100

106 31.3 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN056700.D (-3013) (-)

Ion 106.00 (105.70 to 106.70): VN056700.D (-3013) (-)

600000

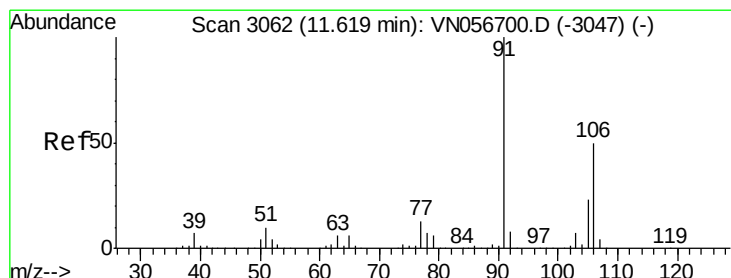
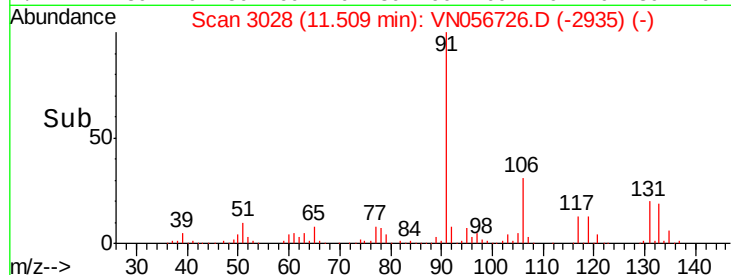
400000

200000

0

11.45 11.50 11.55 11.60

Time-->



#68

m/p-Xylenes

Concen: 99.668 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN056726.D

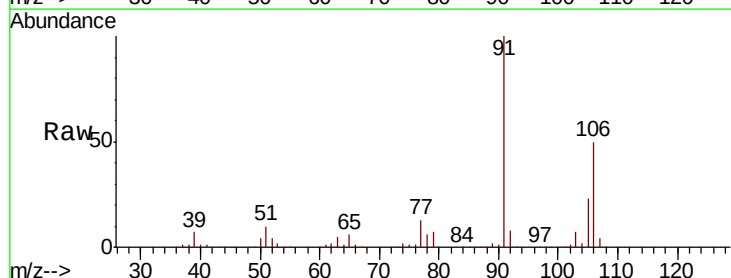
Acq: 15 Jul 2019 21:05

Tgt Ion: 106 Resp: 635912

Ion Ratio Lower Upper

106 100

91 200.9 160.5 240.7



Abundance Ion 106.00 (105.70 to 106.70): VN056700.D (-3047) (-)

Ion 91.00 (90.70 to 91.70): VN056700.D (-3047) (-)

600000

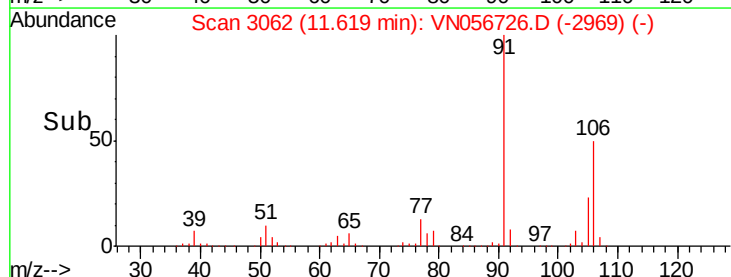
400000

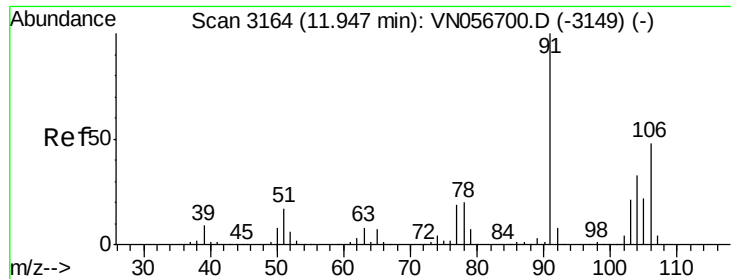
200000

0

11.60 11.62 11.64 11.66 11.68 11.70

Time-->

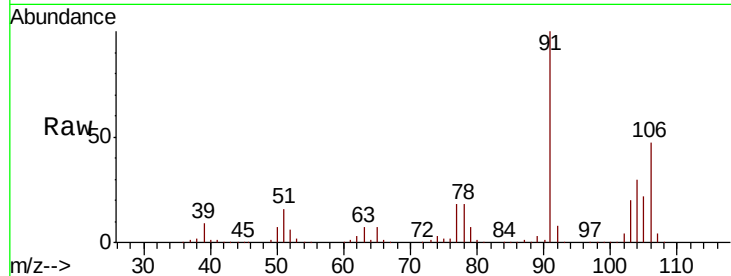




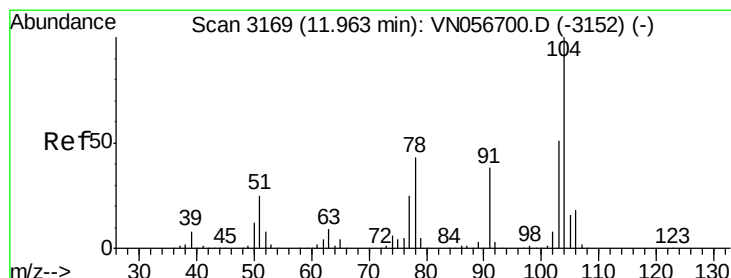
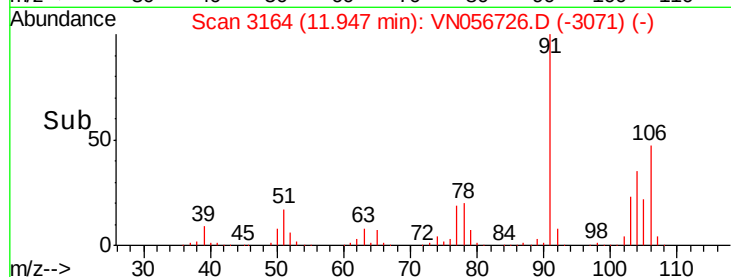
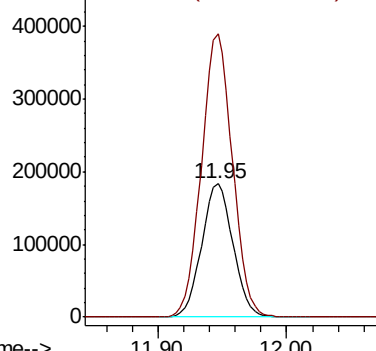
#69
o-Xylene
Concen: 49.184 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 308515
Ion Ratio Lower Upper
106 100
91 210.4 105.6 316.8

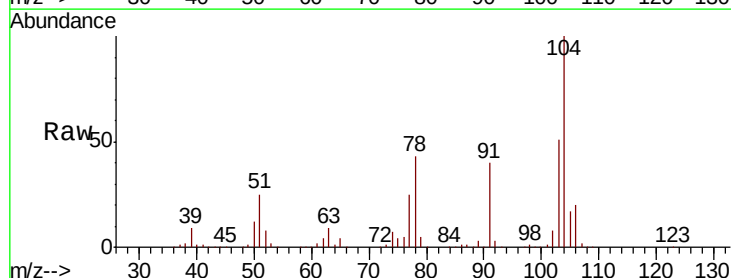


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

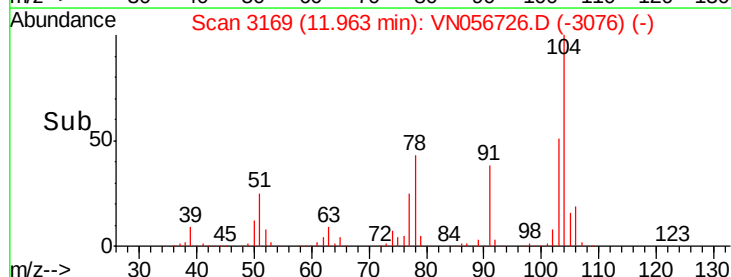
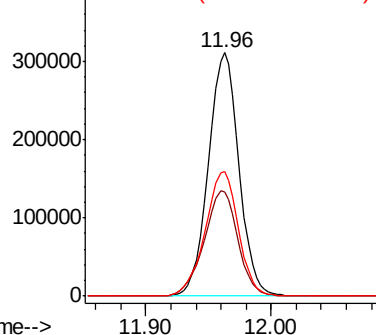


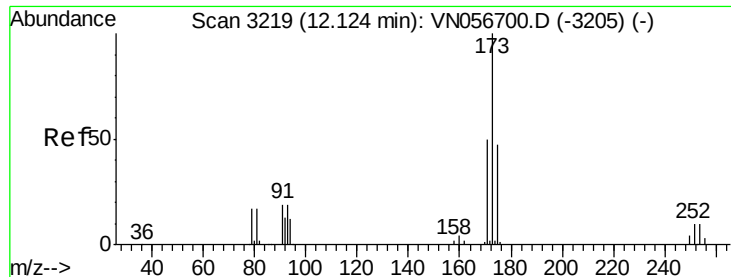
#70
Styrene
Concen: 52.010 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

Tgt Ion:104 Resp: 527429
Ion Ratio Lower Upper
104 100
78 47.7 38.6 57.8
103 55.4 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

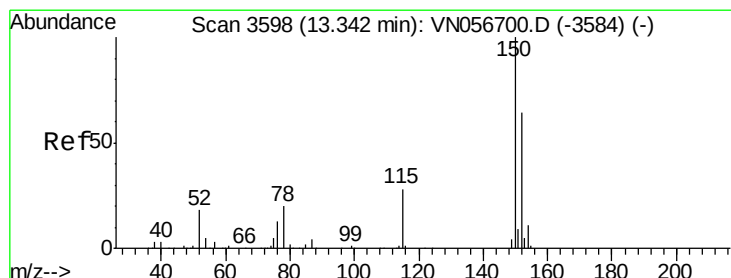
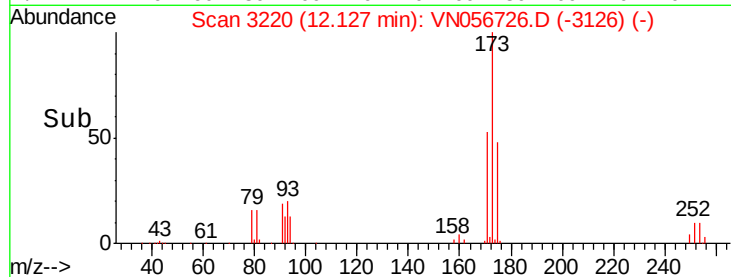
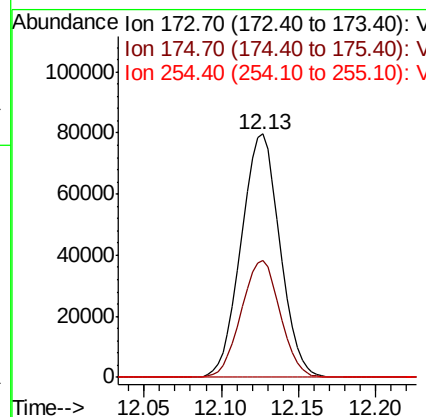
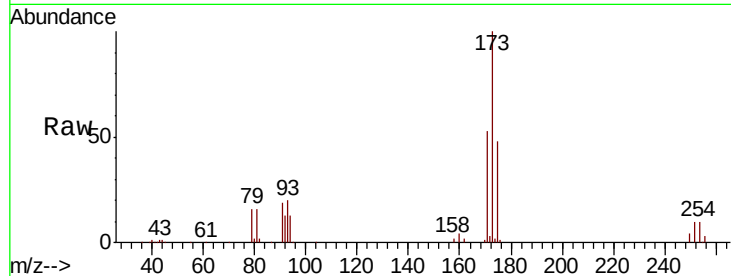




#71
 Bromoform
 Concen: 51.108 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN056726.D
 Acq: 15 Jul 2019 21:05

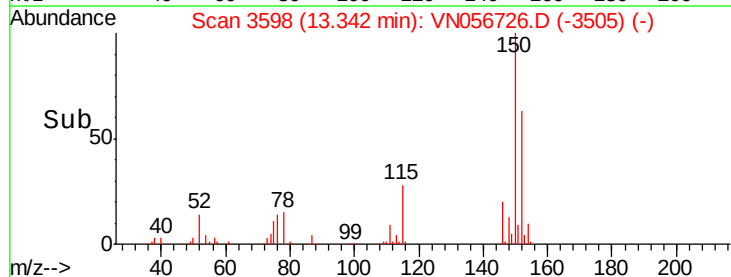
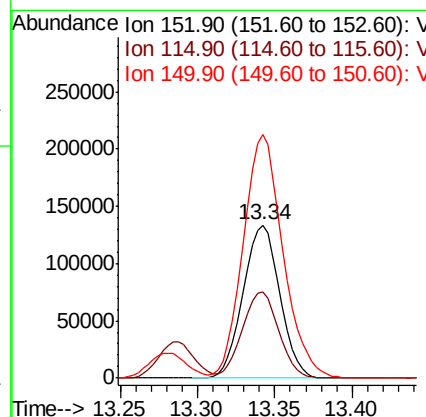
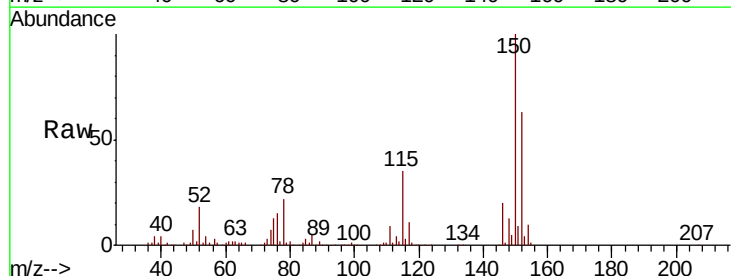
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

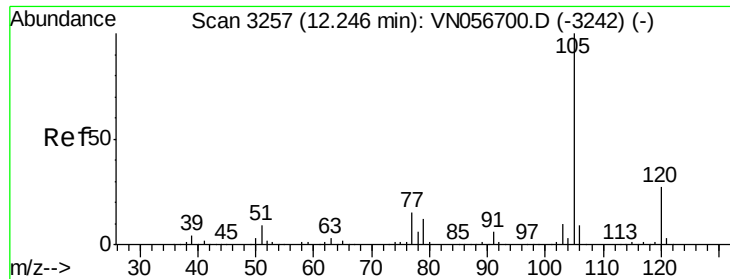
Tot Ion:173 Resp: 139089
 Ion Ratio Lower Upper
 173 100
 175 48.2 23.8 71.4
 254 0.1 0.0 0.0#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. -0.00 min
 Lab File: VN056726.D
 Acq: 15 Jul 2019 21:05

Tgt Ion:152 Resp: 220636
 Ion Ratio Lower Upper
 152 100
 115 55.8 28.2 84.7
 150 172.2 0.0 345.8





#73

Isopropylbenzene

Concen: 45.640 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

Instrument :

MSVOA_N

ClientSampled :

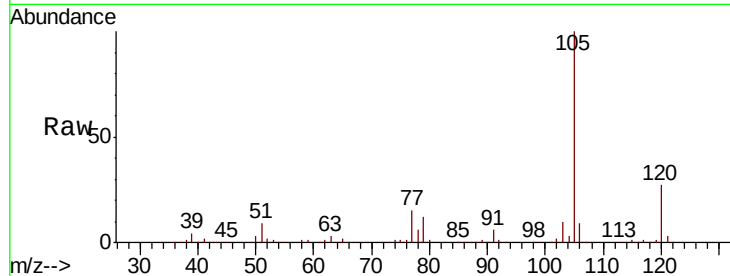
VSTDCCC050

Tot Ion:105 Resp: 811942

Ion Ratio Lower Upper

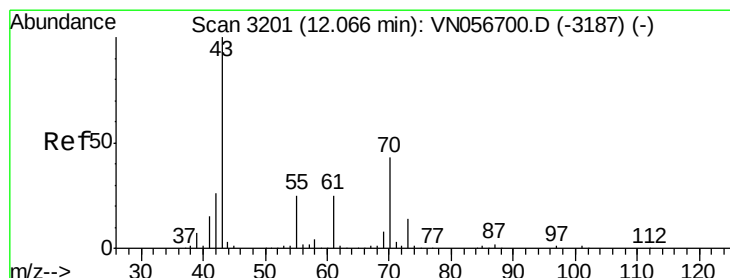
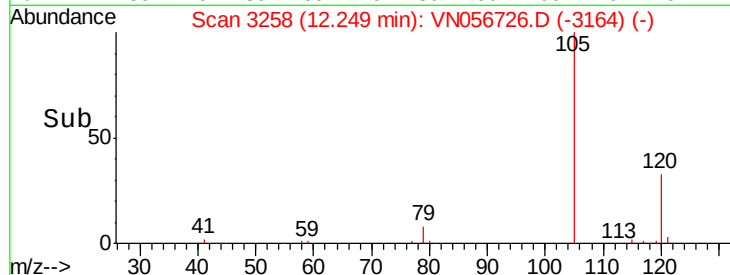
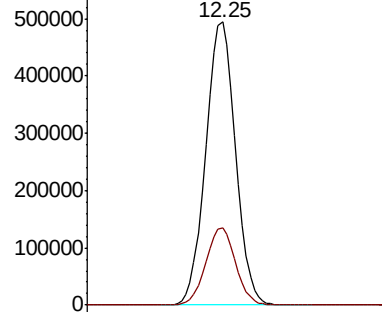
105 100

120 27.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.757 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

Tgt Ion: 43 Resp: 309789

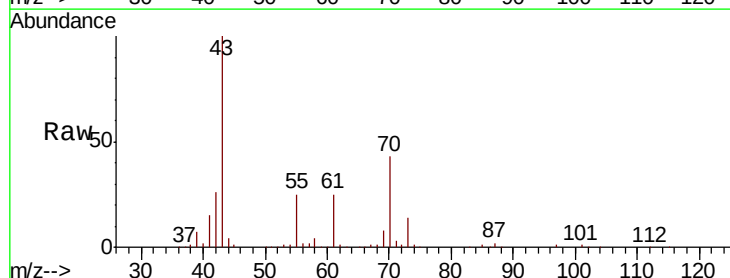
Ion Ratio Lower Upper

43 100

70 43.6 34.5 51.7

55 25.6 20.2 30.2

61 25.4 19.9 29.9

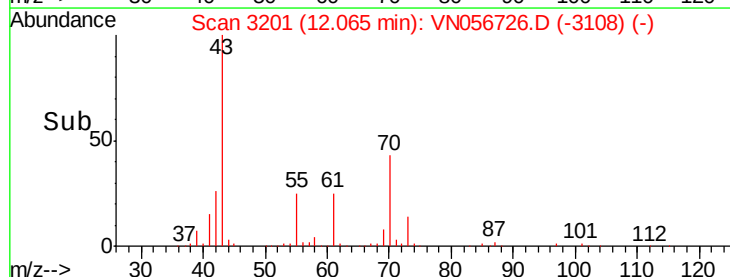
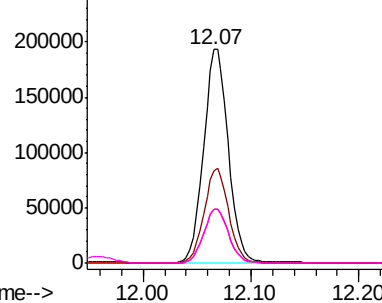


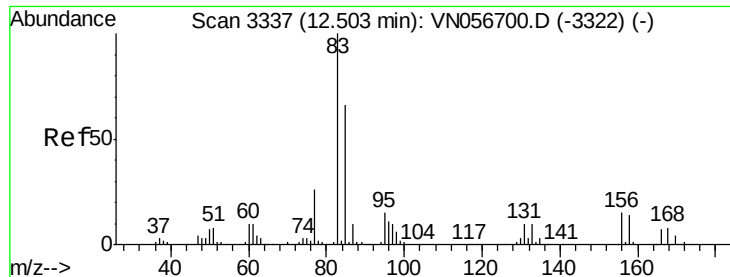
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 49.714 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

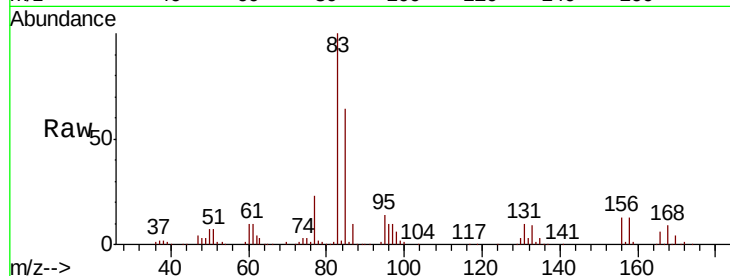
Tot Ion: 83 Resp: 256160

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.8

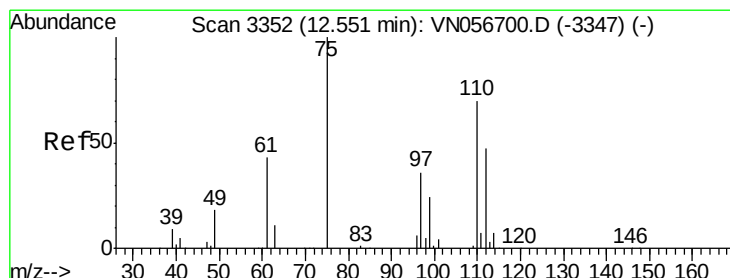
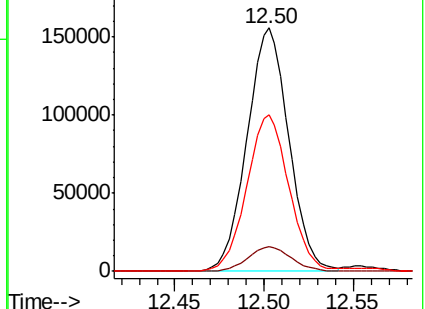
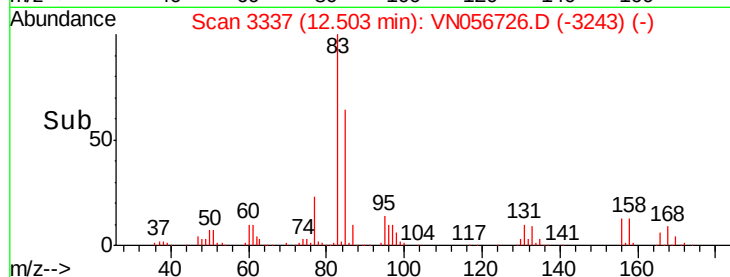
85 64.5 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VN056726.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN056726.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN056726.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 64.738 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN056726.D

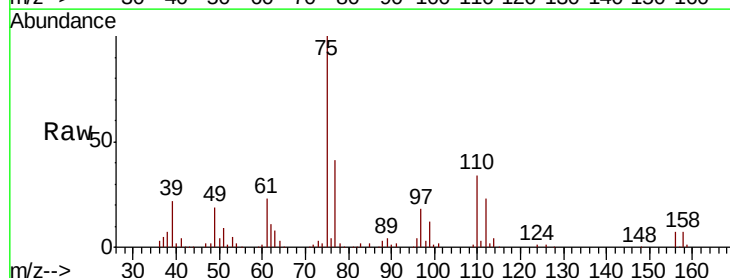
Acq: 15 Jul 2019 21:05

Tgt Ion: 75 Resp: 312404

Ion Ratio Lower Upper

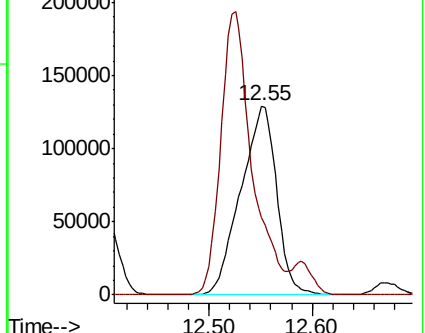
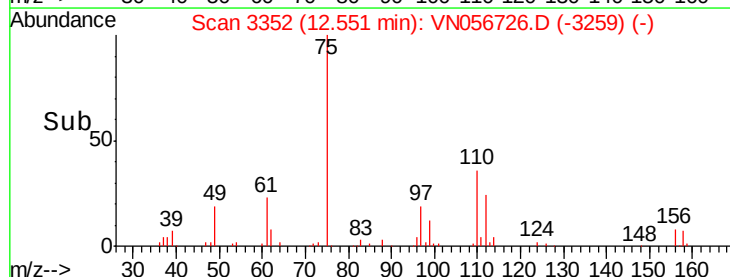
75 100

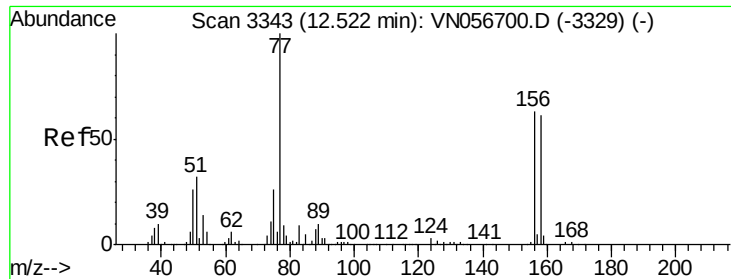
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056726.D (-3259) (-)

Ion 77.00 (76.70 to 77.70): VN056726.D (-3259) (-)





#77

Bromobenzene

Concen: 46.233 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

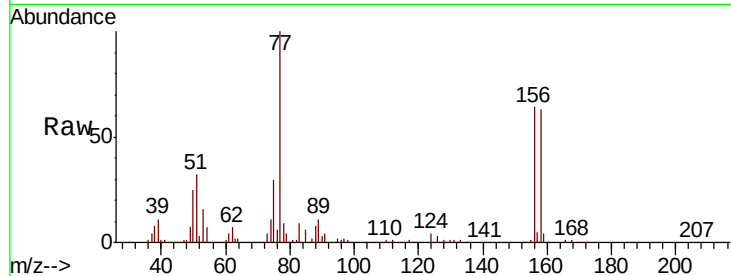
Tot Ion:156 Resp: 215130

Ion Ratio Lower Upper

156 100

77 189.8 97.2 291.6

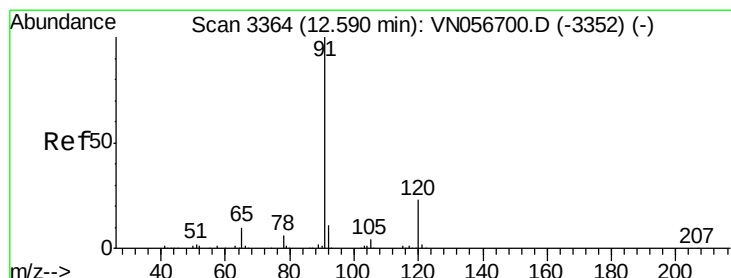
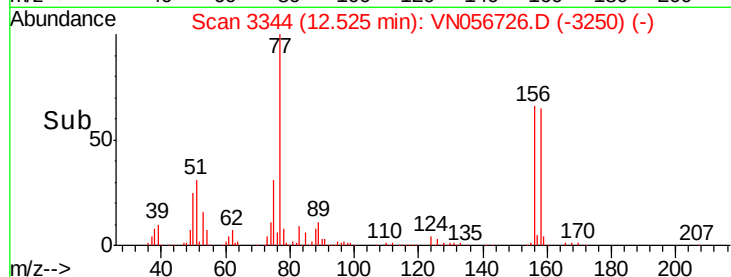
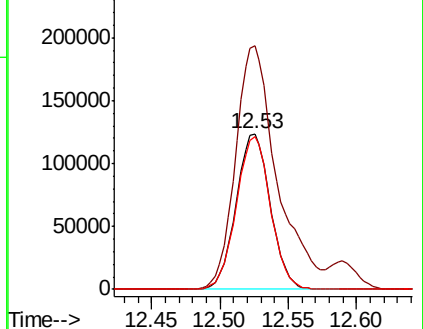
158 98.0 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.712 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056726.D

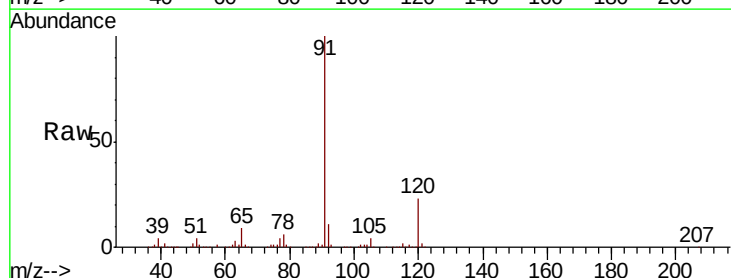
Acq: 15 Jul 2019 21:05

Tgt Ion: 91 Resp: 922575

Ion Ratio Lower Upper

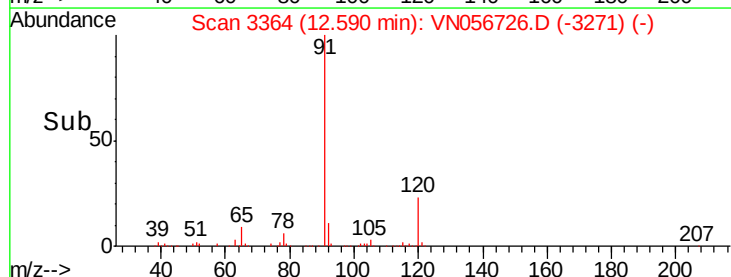
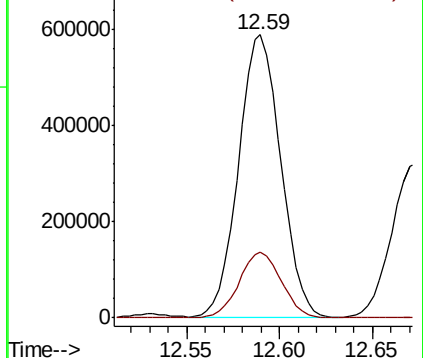
91 100

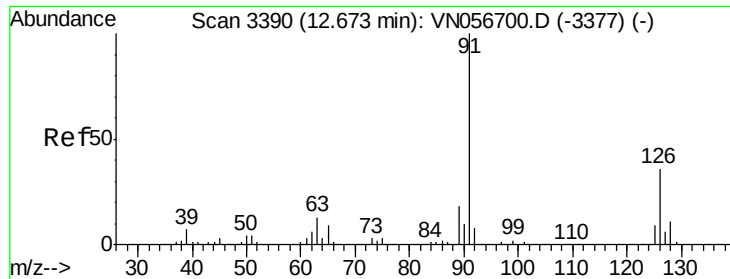
120 23.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.846 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

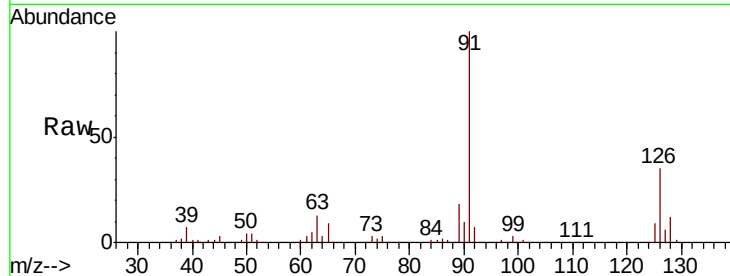
VSTDCCC050

Tot Ion: 91 Resp: 544076

Ion Ratio Lower Upper

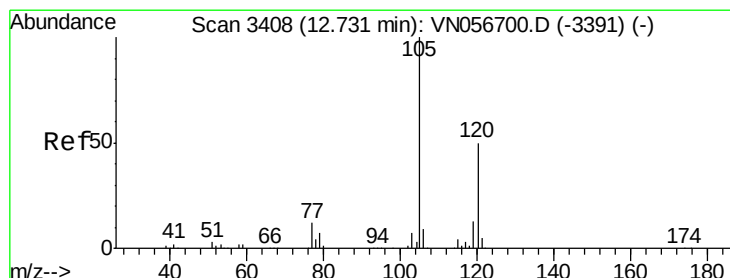
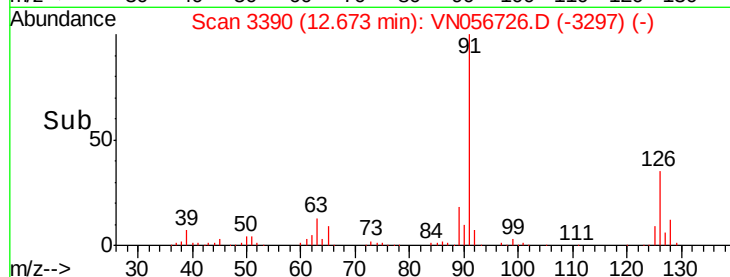
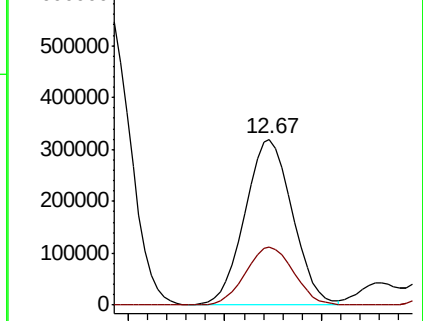
91 100

126 35.5 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN056700.D (-3377) (-)

Ion 125.90 (125.60 to 126.60): VN056700.D (-3377) (-)



#80

1,3,5-Trimethylbenzene

Concen: 45.770 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN056726.D

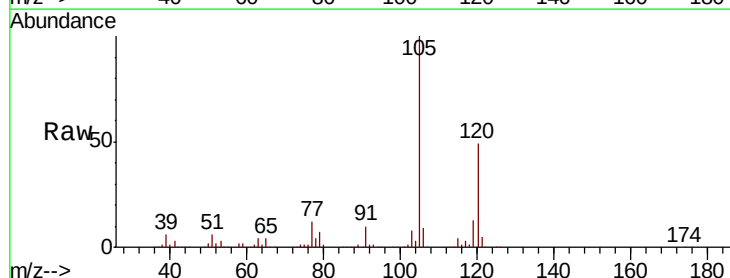
Acq: 15 Jul 2019 21:05

Tgt Ion: 105 Resp: 690109

Ion Ratio Lower Upper

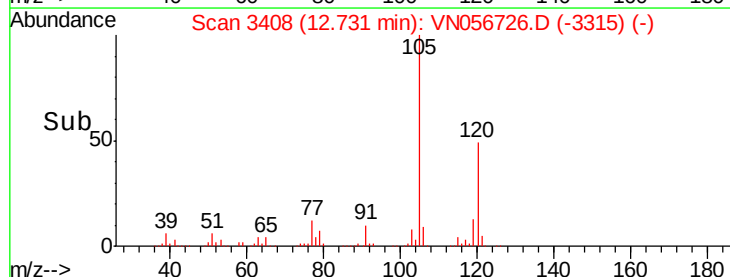
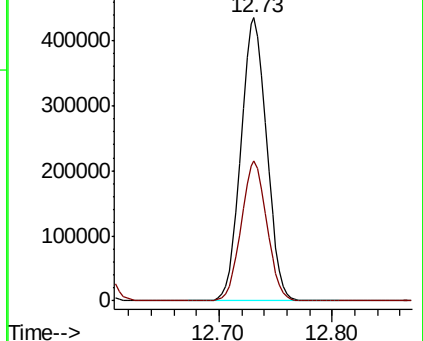
105 100

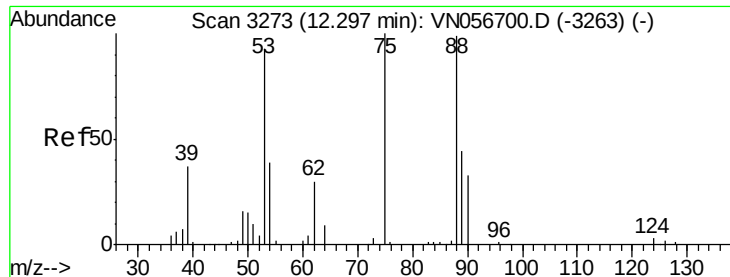
120 49.1 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): VN056700.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN056700.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.114 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

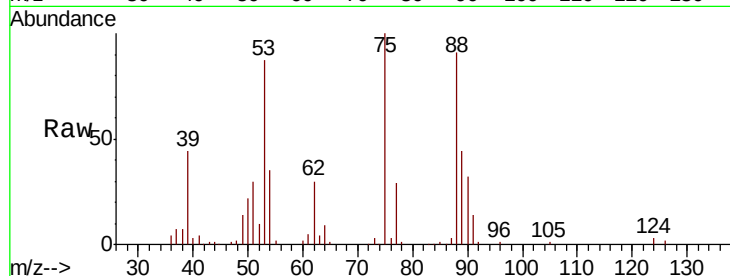
Tot Ion: 75 Resp: 75180

Ion Ratio Lower Upper

75 100

53 89.4 73.7 110.5

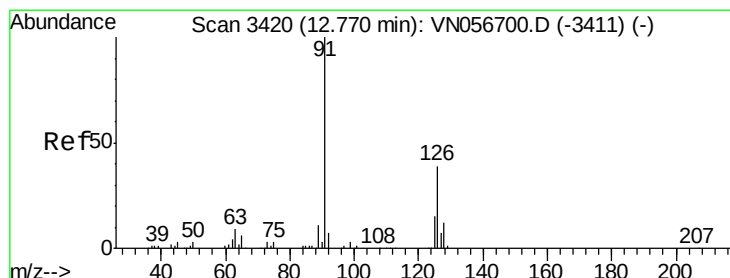
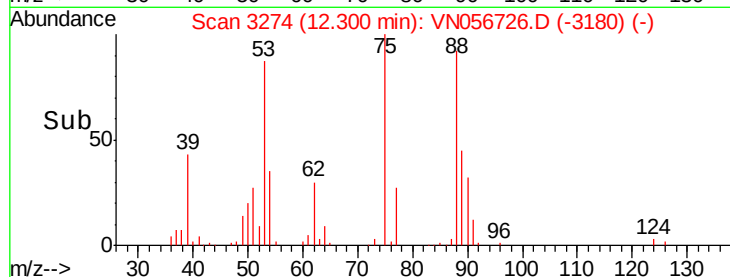
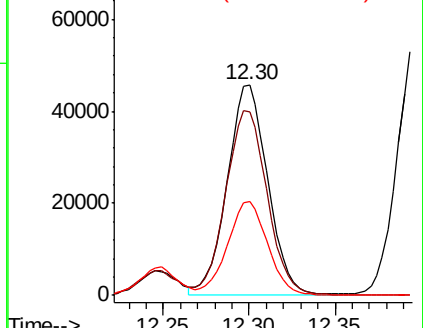
89 44.0 36.2 54.2



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: 47.617 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN056726.D

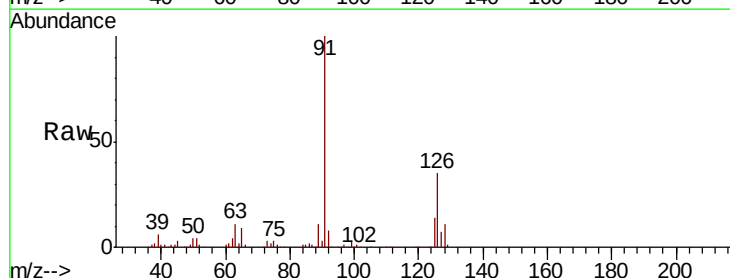
Acq: 15 Jul 2019 21:05

Tgt Ion: 91 Resp: 551899

Ion Ratio Lower Upper

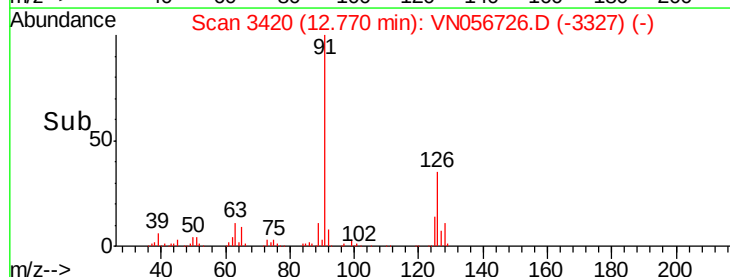
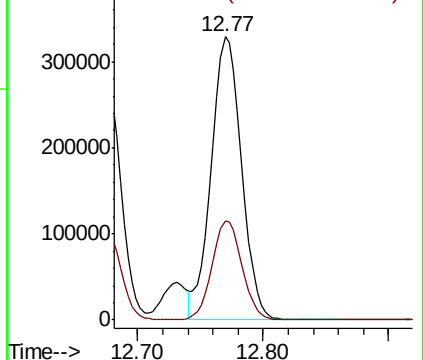
91 100

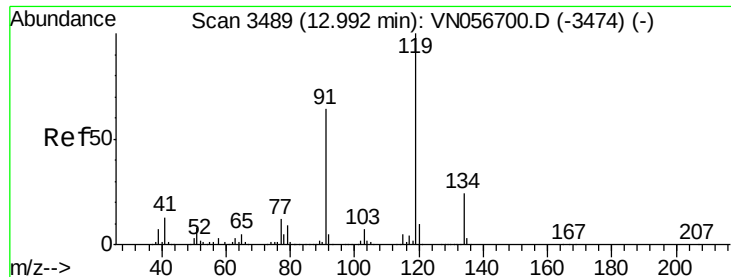
126 34.6 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

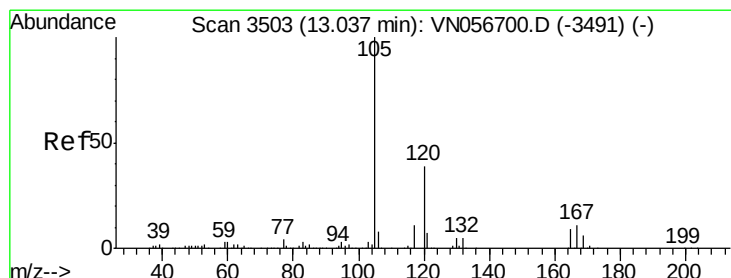
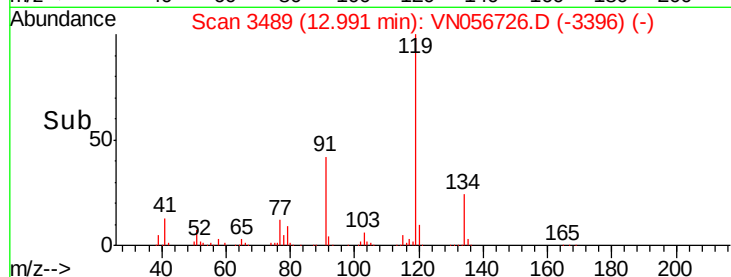
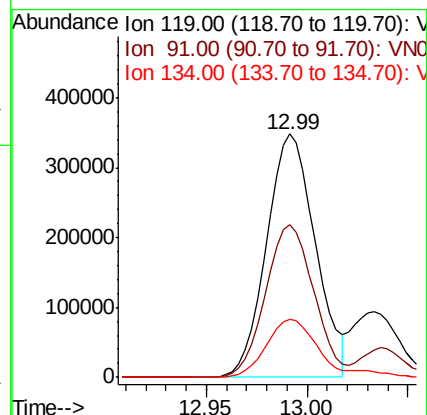
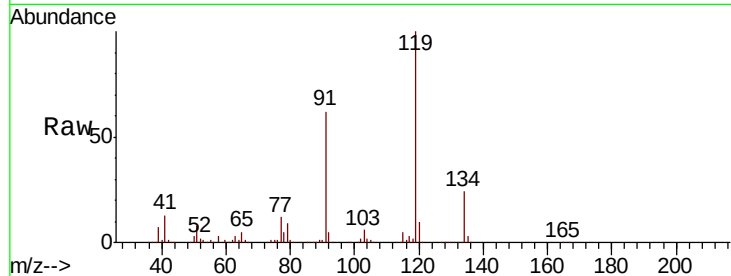




#83
tert-Butylbenzene
Concen: 49.818 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

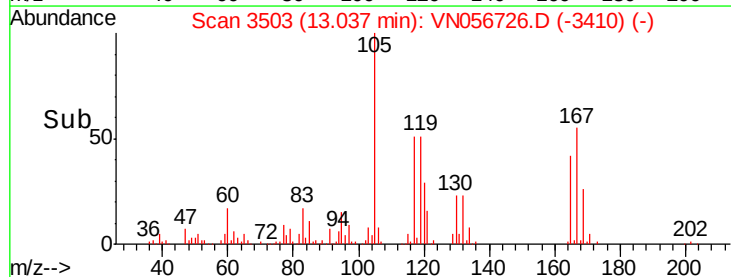
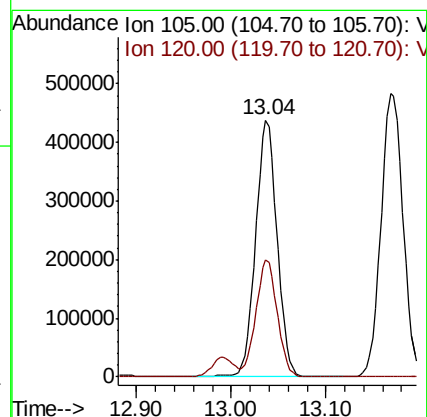
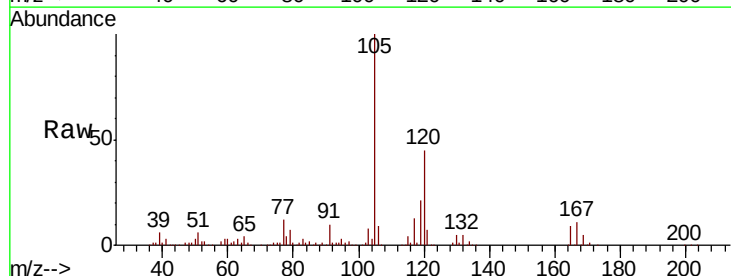
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

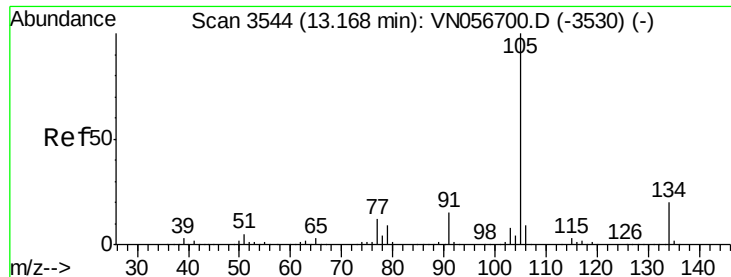
Tot Ion:119 Resp: 585608
Ion Ratio Lower Upper
119 100
91 62.3 31.8 95.4
134 26.2 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 46.852 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

Tgt Ion:105 Resp: 690122
Ion Ratio Lower Upper
105 100
120 45.7 22.9 68.8





#85

sec-Butylbenzene

Concen: 46.415 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

Instrument :

MSVOA_N

ClientSampled :

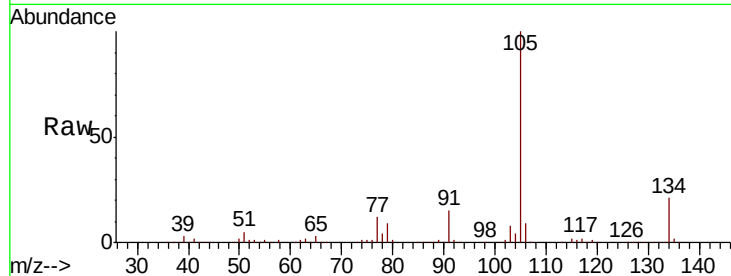
VSTDCCC050

Tot Ion:105 Resp: 777652

Ion Ratio Lower Upper

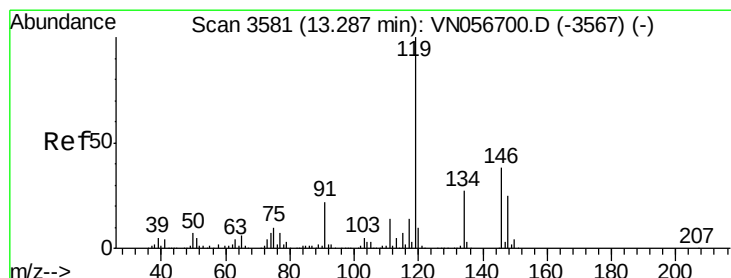
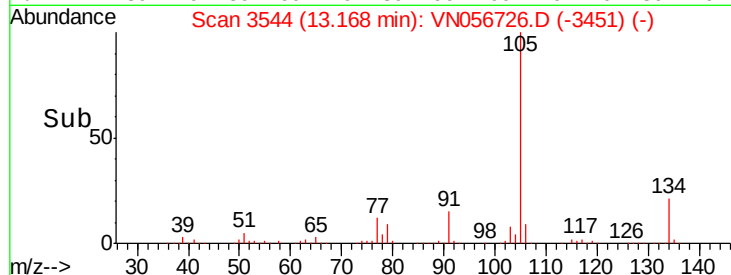
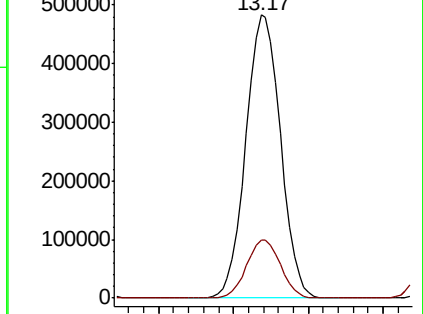
105 100

134 20.2 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.707 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

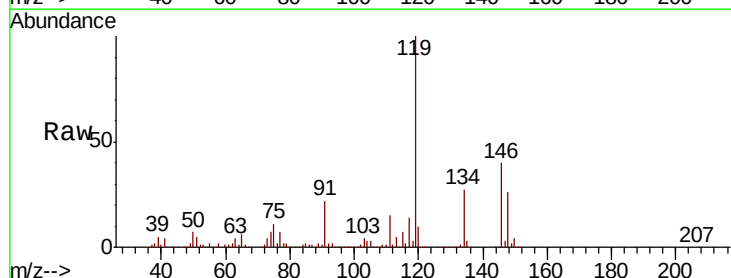
Tgt Ion:119 Resp: 708906

Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.7

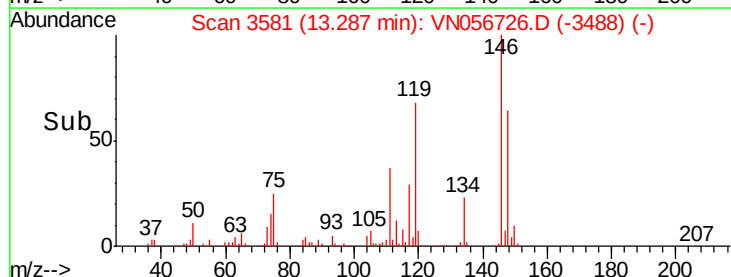
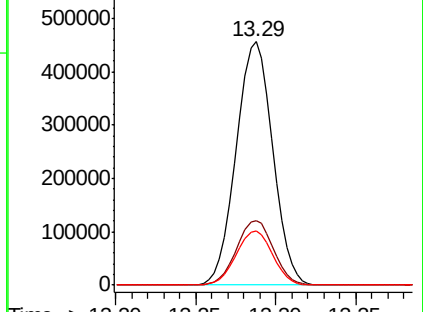
91 22.4 11.2 33.5

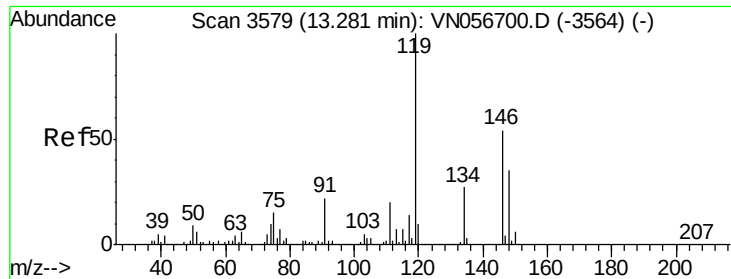


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.451 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

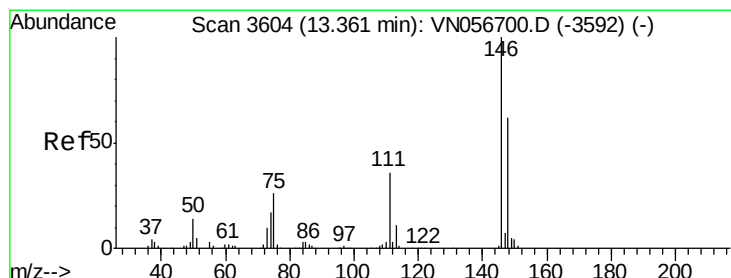
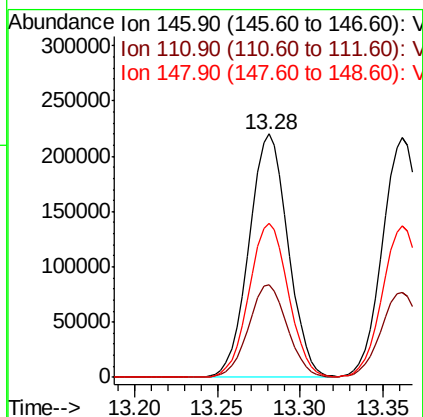
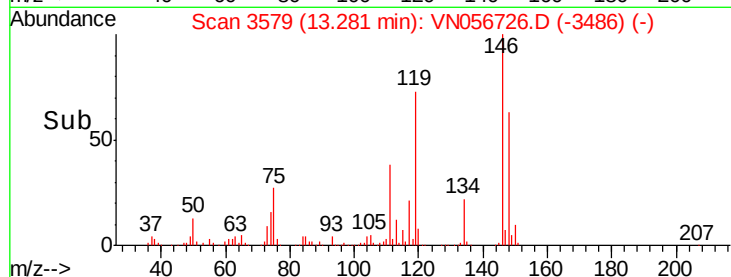
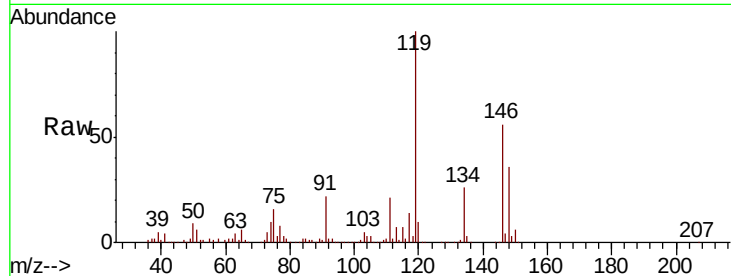
Tot Ion:146 Resp: 361846

Ion Ratio Lower Upper

146 100

111 37.8 18.8 56.3

148 63.8 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 48.294 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

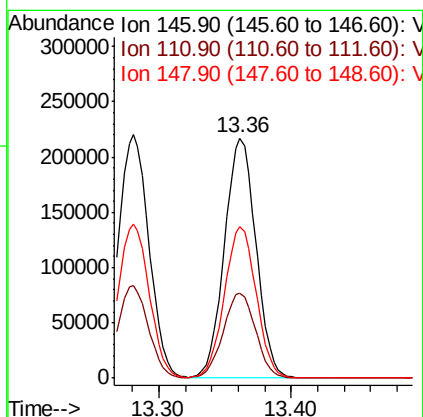
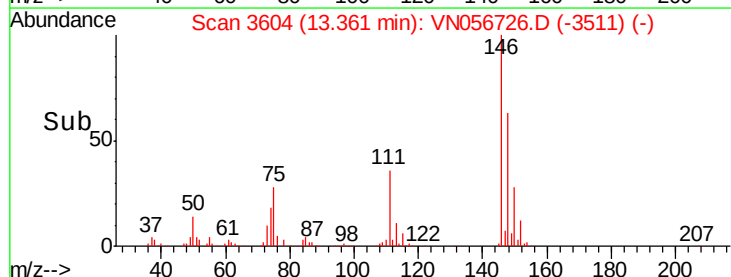
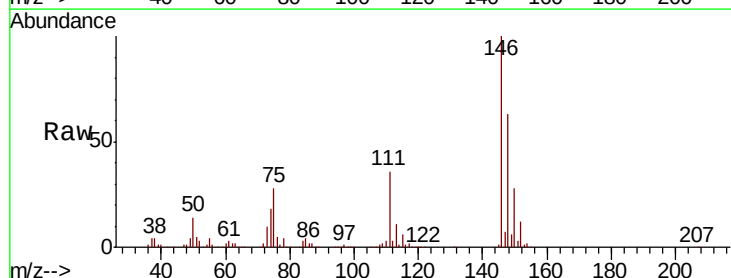
Tgt Ion:146 Resp: 358226

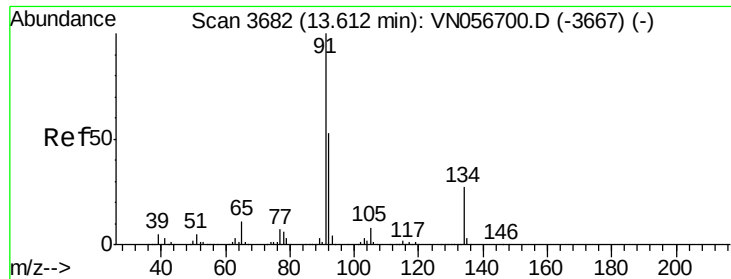
Ion Ratio Lower Upper

146 100

111 36.5 18.6 55.8

148 63.8 31.9 95.7

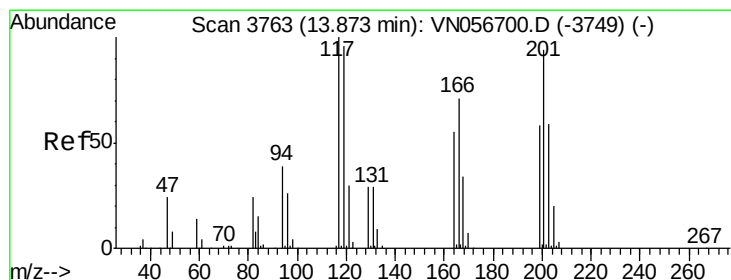
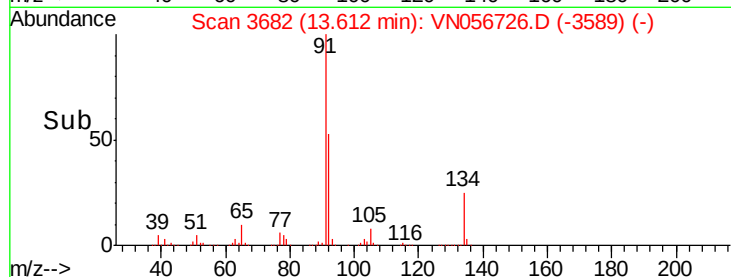
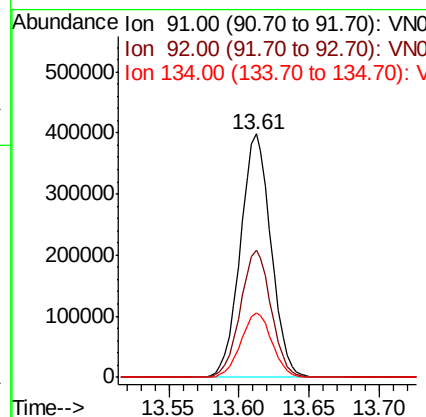
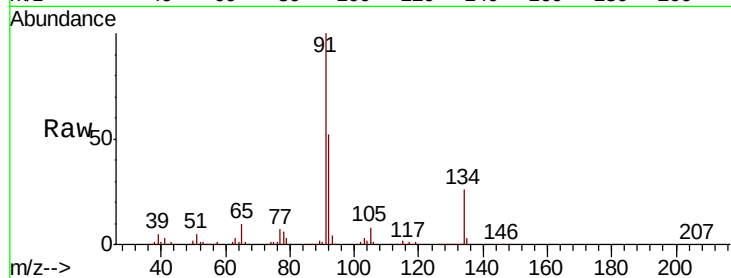




#89
n-Butylbenzene
Concen: 49.501 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

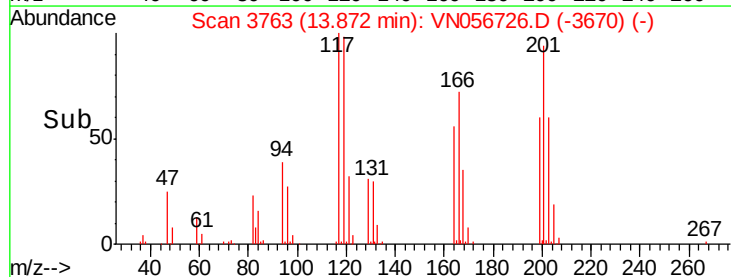
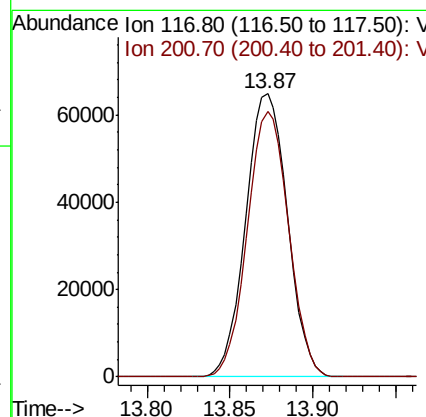
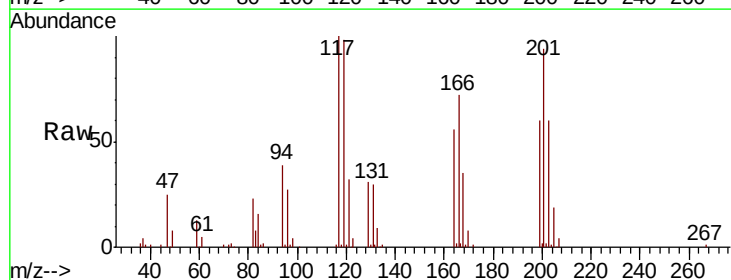
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

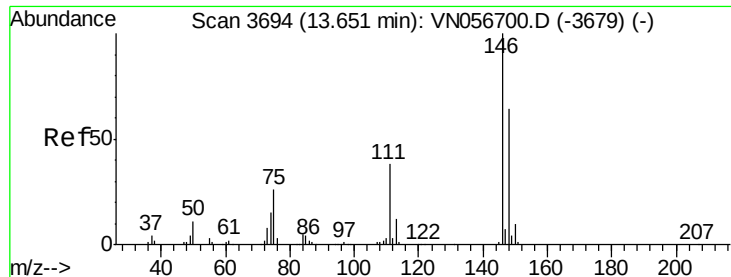
Tot Ion: 91 Resp: 605185
Ion Ratio Lower Upper
91 100
92 52.2 26.0 78.0
134 26.8 13.4 40.2



#90
Hexachloroethane
Concen: 46.488 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056726.D
Acq: 15 Jul 2019 21:05

Tgt Ion: 117 Resp: 114101
Ion Ratio Lower Upper
117 100
201 92.3 46.5 139.5

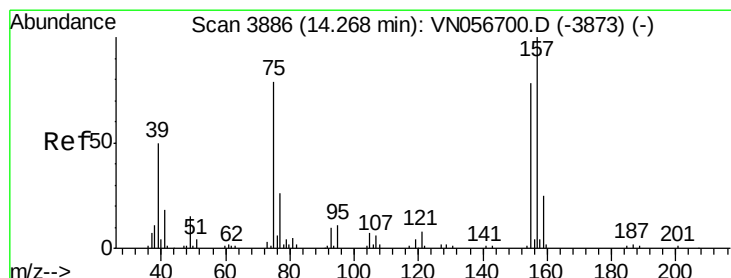
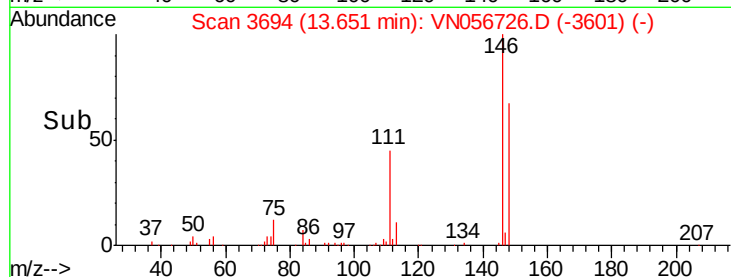
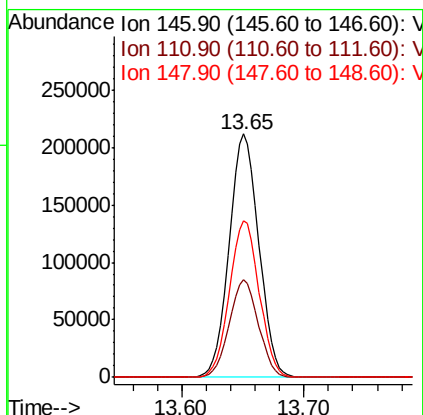
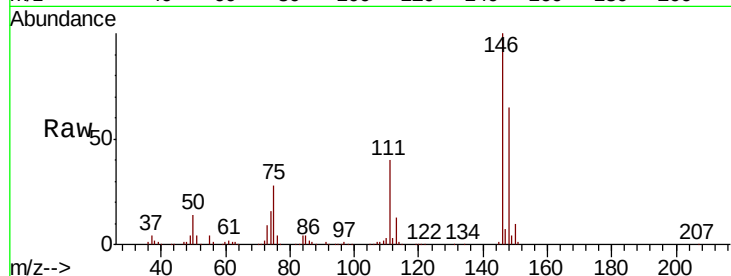




#91
 1,2-Dichlorobenzene
 Concen: 45.980 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN056726.D
 Acq: 15 Jul 2019 21:05

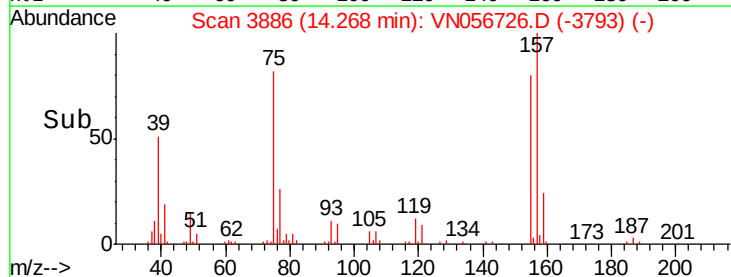
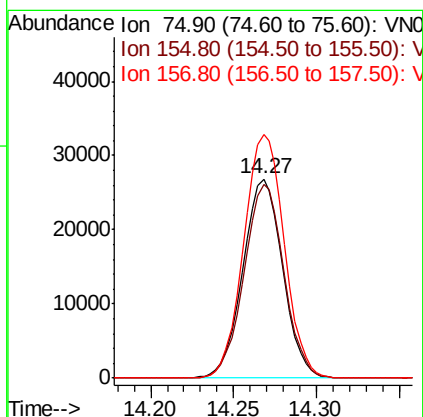
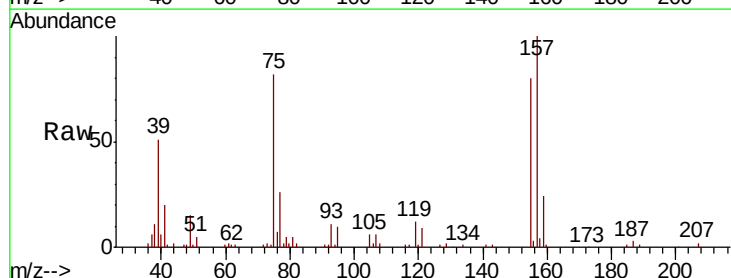
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

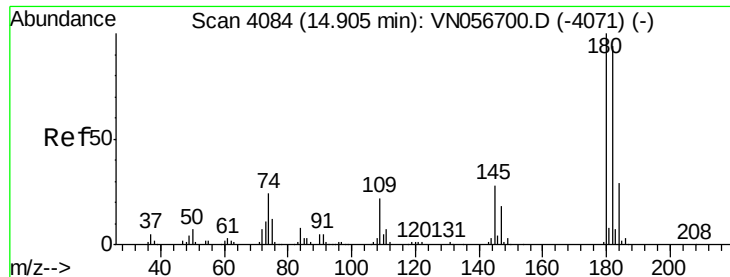
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.1	57.1
148	64.5	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.109 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN056726.D
 Acq: 15 Jul 2019 21:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.2	49.3	147.9
157	124.3	62.4	187.1

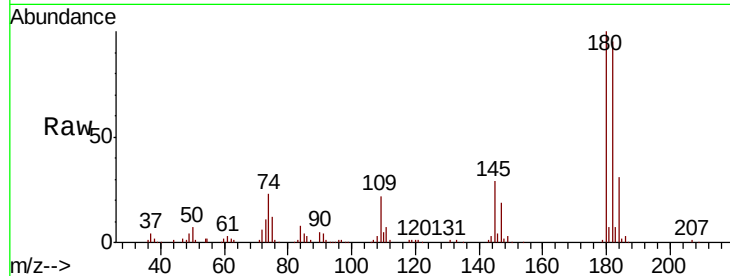




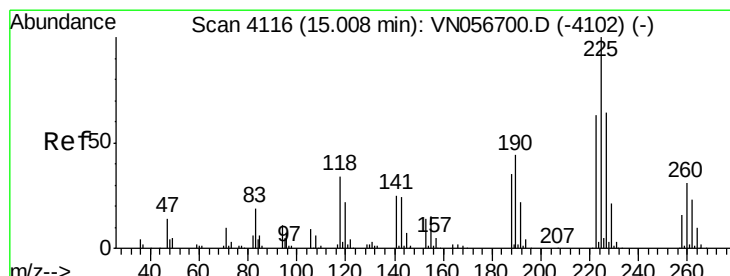
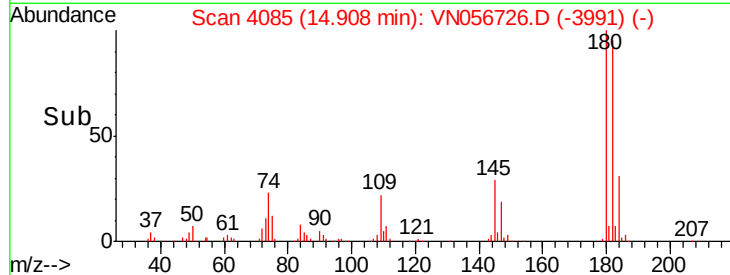
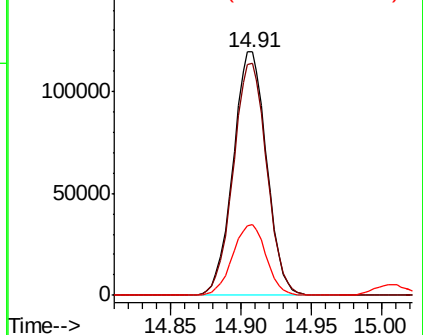
#93
 1,2,4-Trichlorobenzene
 Concen: 46.403 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056726.D
 Acq: 15 Jul 2019 21:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 198705
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.2 141.6
 145 29.1 14.2 42.8

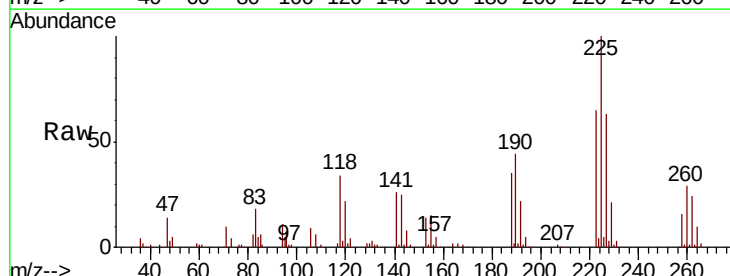


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

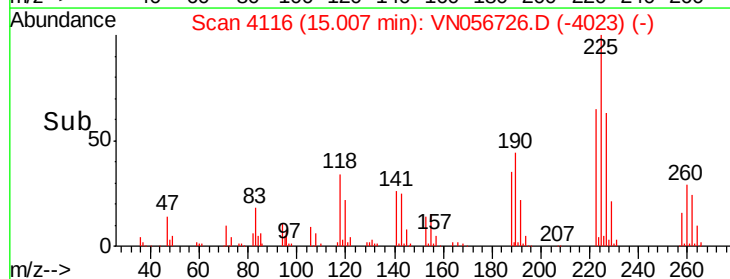
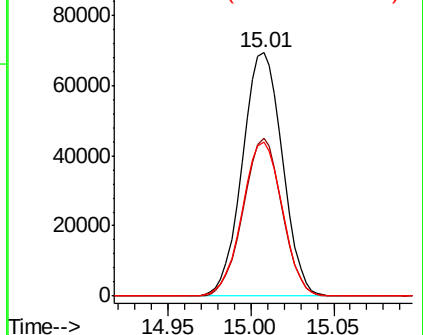


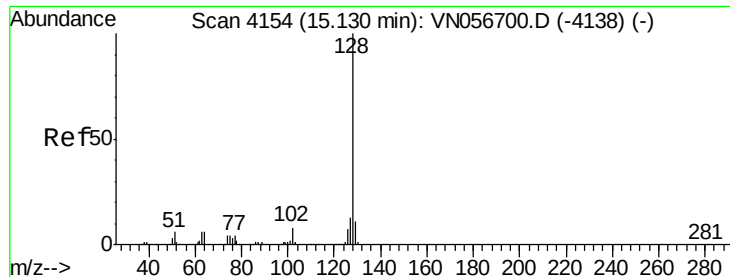
#94
 Hexachlorobutadiene
 Concen: 47.611 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056726.D
 Acq: 15 Jul 2019 21:05

Tgt Ion:225 Resp: 116815
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.5 94.5
 227 63.3 32.0 96.2



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





#95

Naphthalene

Concen: 44.888 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

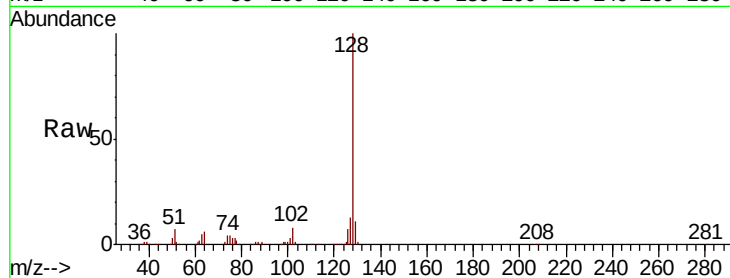
Tot Ion:128 Resp: 524618

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

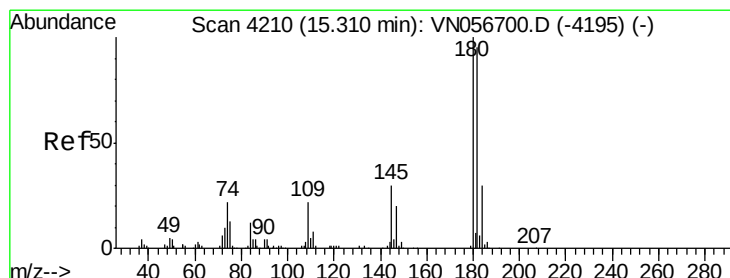
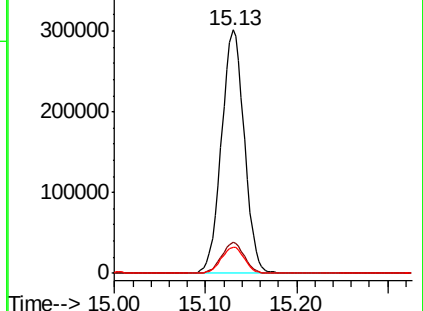
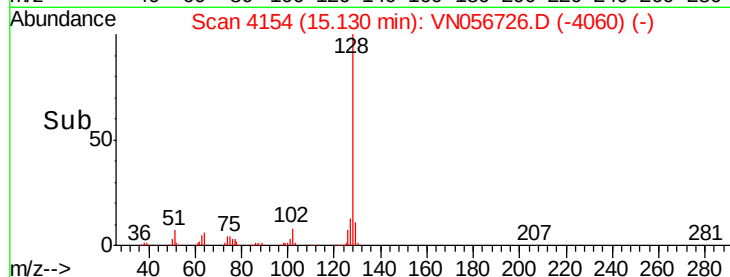
129 10.8 8.7 13.1



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: 46.757 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN056726.D

Acq: 15 Jul 2019 21:05

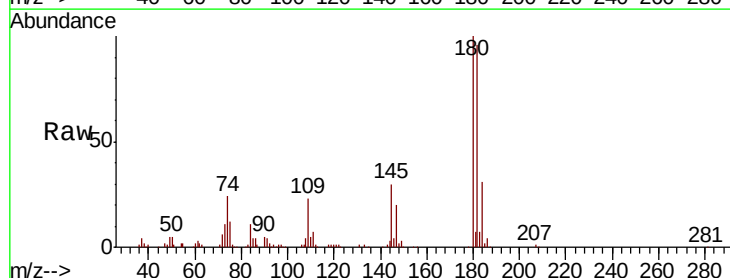
Tgt Ion:180 Resp: 199037

Ion Ratio Lower Upper

180 100

182 96.0 47.1 141.3

145 30.0 15.0 45.1



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

