

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056699.D
 Acq On : 15 Jul 2019 9:33
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 16 01:09:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:03:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	336050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	520326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	457163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	191234	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	78513	21.16	ug/l	0.00
Spiked Amount			Recovery	=	42.32%	
35) Dibromofluoromethane	7.59	113	67791	20.98	ug/l	0.00
Spiked Amount			Recovery	=	41.96%	
50) Toluene-d8	10.09	98	257464	20.47	ug/l	0.00
Spiked Amount			Recovery	=	40.94%	
62) 4-Bromofluorobenzene	12.40	95	83652	19.92	ug/l	0.00
Spiked Amount			Recovery	=	39.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	61269	21.426	ug/l	100
3) Chloromethane	2.06	50	82625	21.155	ug/l	95
4) Vinyl Chloride	2.18	62	81060	21.504	ug/l	99
5) Bromomethane	2.55	94	49013	22.358	ug/l	98
6) Chloroethane	2.70	64	45394	20.880	ug/l	99
7) Trichlorofluoromethane	3.01	101	103531	21.254	ug/l	100
8) Diethyl Ether	3.41	74	40400	19.689	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	62099	20.092	ug/l	100
10) Methyl Iodide	3.95	142	83086	20.001	ug/l	99
11) Tert butyl alcohol	4.79	59	61495	98.502	ug/l	99
12) 1,1-Dichloroethene	3.73	96	62911	21.115	ug/l	96
13) Acrolein	3.61	56	19005	41.094	ug/l	97
14) Allyl chloride	4.32	41	106147	21.231	ug/l	98
15) Acrylonitrile	4.99	53	182076	104.442	ug/l	99
16) Acetone	3.82	43	185044	100.705	ug/l	98
17) Carbon Disulfide	4.05	76	160410	23.072	ug/l	99
18) Methyl Acetate	4.33	43	80103	17.013	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	199797	20.313	ug/l	99
20) Methylene Chloride	4.55	84	73726	19.205	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	66910	20.795	ug/l	97
22) Diisopropyl ether	5.95	45	220819	21.135	ug/l	96
23) Vinyl Acetate	5.90	43	900269	109.195	ug/l	99
24) 1,1-Dichloroethane	5.85	63	125355	20.933	ug/l	98
25) 2-Butanone	6.84	43	257997	104.652	ug/l	100
26) 2,2-Dichloropropane	6.82	77	89414	21.281	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	77167	20.564	ug/l	99
28) Bromochloromethane	7.19	49	60177	20.479	ug/l	98
29) Tetrahydrofuran	7.21	42	165313	108.130	ug/l	99
30) Chloroform	7.37	83	122928	20.838	ug/l	96
31) Cyclohexane	7.65	56	119810	20.609	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	100195	21.364	ug/l	99
36) 1,1-Dichloropropene	7.79	75	91996	19.963	ug/l	99
37) Ethyl Acetate	6.93	43	92227	20.345	ug/l	98
38) Carbon Tetrachloride	7.77	117	86535	21.201	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	114248	20.027	ug/l	96
40) Benzene	8.04	78	293986	20.726	ug/l	100
41) Methacrylonitrile	7.21	41	142914	72.088	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	93276	20.017	ug/l	100
43) Isopropyl Acetate	8.17	43	148295	21.128	ug/l	99
44) Trichloroethene	8.84	130	77528	20.372	ug/l	95
45) 1,2-Dichloropropane	9.12	63	76850	20.273	ug/l	99
46) Dibromomethane	9.21	93	49219	20.776	ug/l	100
47) Bromodichloromethane	9.40	83	90168	21.272	ug/l	98
48) Methyl methacrylate	9.20	41	72173	20.483	ug/l	99
49) 1,4-Dioxane	9.20	88	29351	404.550	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	487518	107.567	ug/l	98
52) Toluene	10.16	92	174779	20.174	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	94796	22.100	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	109449	21.498	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	73307	21.081	ug/l	96
56) Ethyl methacrylate	10.43	69	107122	20.926	ug/l	99
57) 1,3-Dichloropropane	10.71	76	121075	20.746	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	254353	129.735	ug/l	100
59) 2-Hexanone	10.75	43	353388	105.735	ug/l	99
60) Dibromochloromethane	10.90	129	71134	22.221	ug/l	100
61) 1,2-Dibromoethane	11.00	107	72234	20.340	ug/l	99
64) Tetrachloroethene	10.63	164	77956	21.337	ug/l	98
65) Chlorobenzene	11.43	112	184499	20.062	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	68359	21.768	ug/l	99
67) Ethyl Benzene	11.51	91	325179	20.092	ug/l	100
68) m/p-Xylenes	11.62	106	243157	40.968	ug/l	99
69) o-Xylene	11.95	106	120188	20.472	ug/l	100
70) Styrene	11.96	104	195234	20.787	ug/l	100
71) Bromoform	12.12	173	51635	23.188	ug/l #	99
73) Isopropylbenzene	12.25	105	312345	18.667	ug/l	100
74) N-amyl acetate	12.07	43	113904	18.723	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	102456	19.548	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	120753	30.050	ug/l #	100
77) Bromobenzene	12.53	156	80920	19.054	ug/l	99
78) n-propylbenzene	12.59	91	339636	19.422	ug/l	99
79) 2-Chlorotoluene	12.67	91	211734	19.256	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	265504	19.404	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	25591	21.814	ug/l	94
82) 4-Chlorotoluene	12.77	91	202176	19.597	ug/l	99
83) tert-Butylbenzene	12.99	119	224753	18.064	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	261969	20.354	ug/l	100
85) sec-Butylbenzene	13.17	105	293753	19.187	ug/l	99
86) p-Isopropyltoluene	13.29	119	267503	20.283	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	130078	20.076	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	125034	19.842	ug/l	99
89) n-Butylbenzene	13.61	91	210137	20.720	ug/l	99
90) Hexachloroethane	13.87	117	42077	20.302	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	134751	20.924	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	17187	23.814	ug/l	92

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Quant Title : SW846 8260
QLast Update : Tue Jul 16 01:03:16 2019
Response via : Initial Calibration

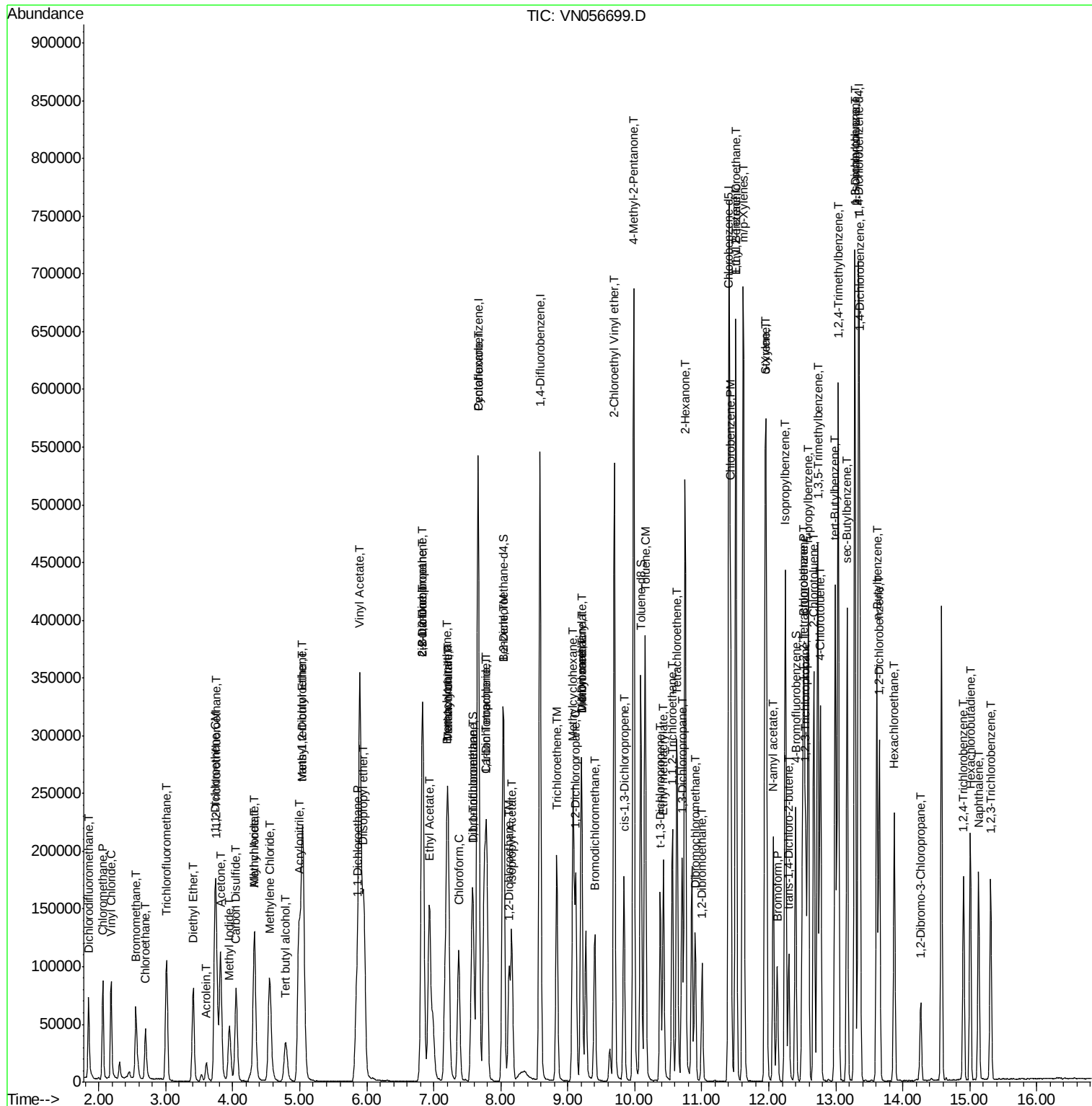
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	63735	22.933	ug/l	98
94) Hexachlorobutadiene	15.01	225	47495	19.451	ug/l	98
95) Naphthalene	15.13	128	158265	21.570	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	65253	22.042	ug/l	98

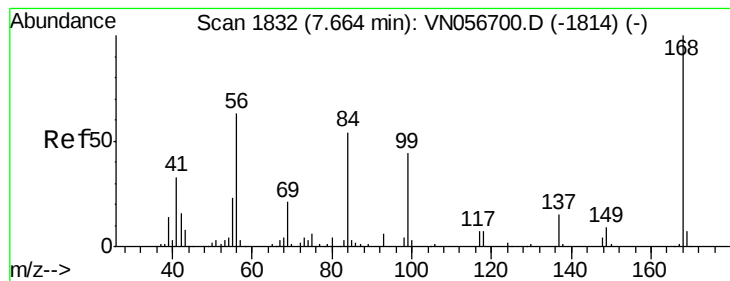
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

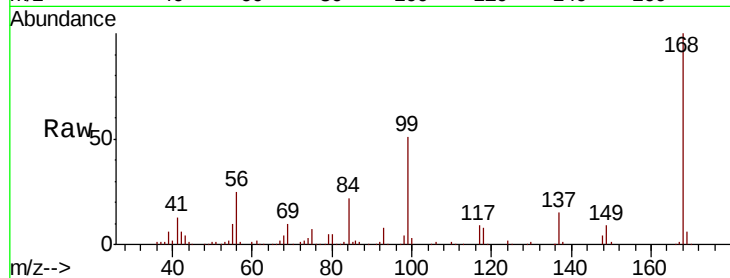
VSTDIC020

Tot Ion:168 Resp: 336050

Ion Ratio Lower Upper

168 100

99 50.4 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

150000

100000

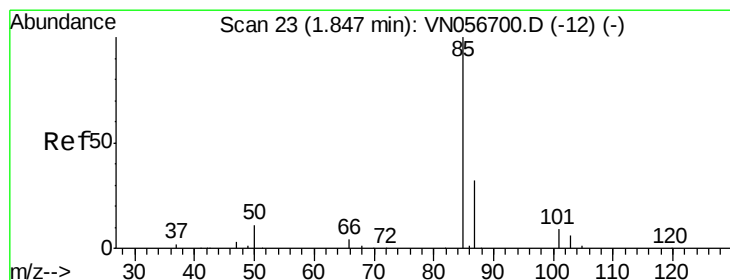
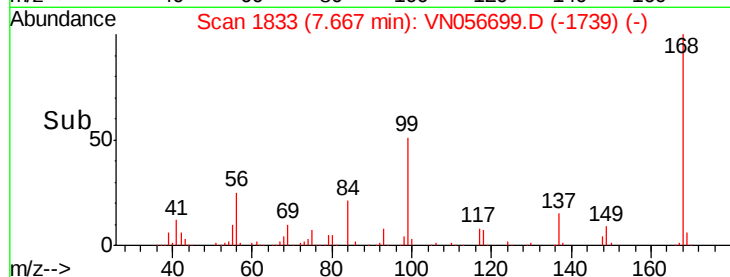
50000

0

Time-->

7.60

7.70



#2

Dichlorodifluoromethane

Concen: 21.426 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN056699.D

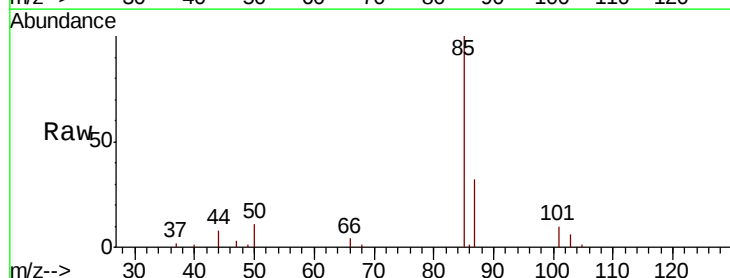
Acq: 15 Jul 2019 9:33

Tgt Ion: 85 Resp: 61269

Ion Ratio Lower Upper

85 100

87 31.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

40000

30000

20000

10000

0

Time-->

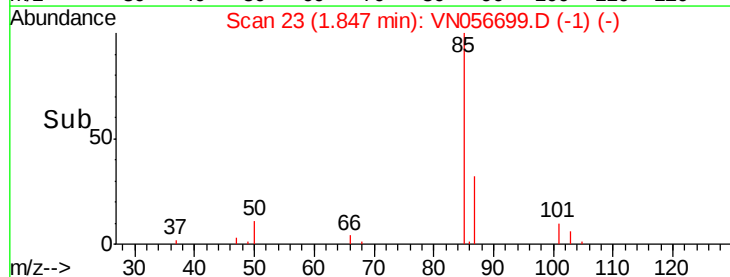
1.75

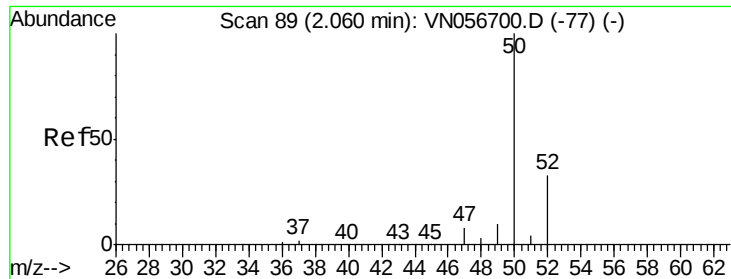
1.80

1.85

1.90

1.95





#3

Chloromethane

Concen: 21.155 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

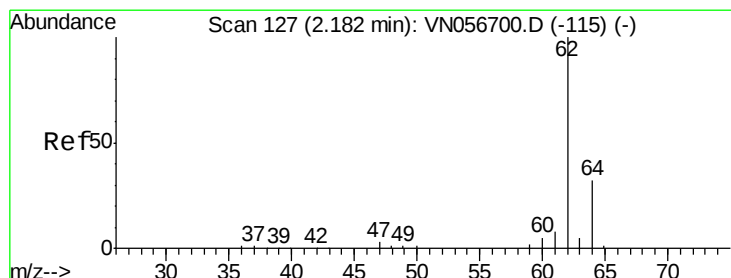
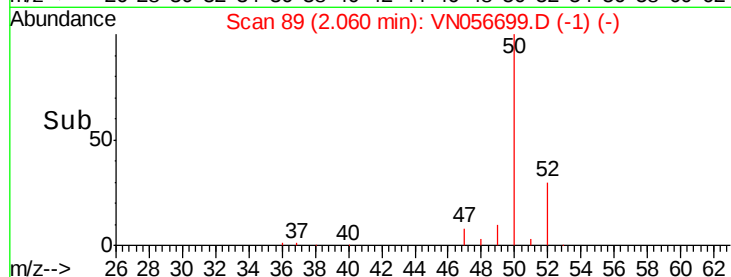
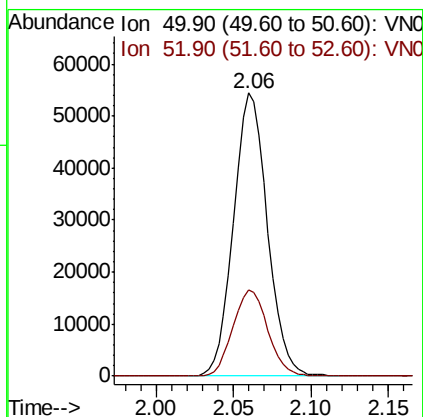
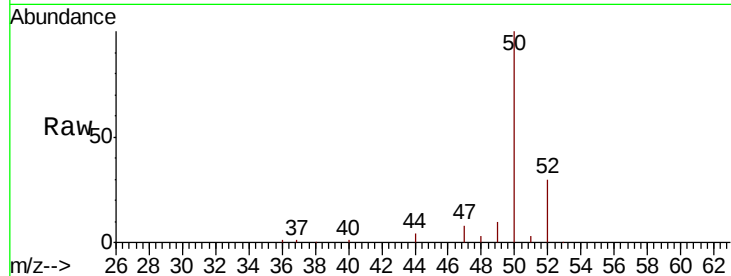
VSTDIC020

Tot Ion: 50 Resp: 82625

Ion Ratio Lower Upper

50 100

52 30.3 26.5 39.7



#4

Vinyl Chloride

Concen: 21.504 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056699.D

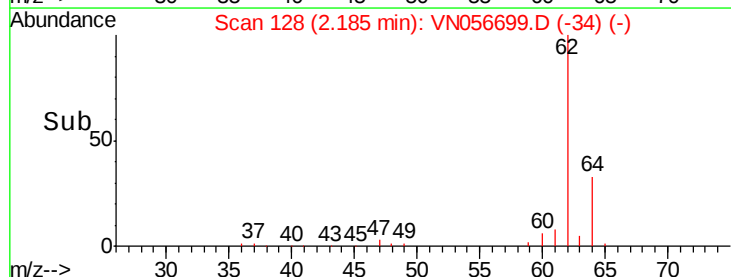
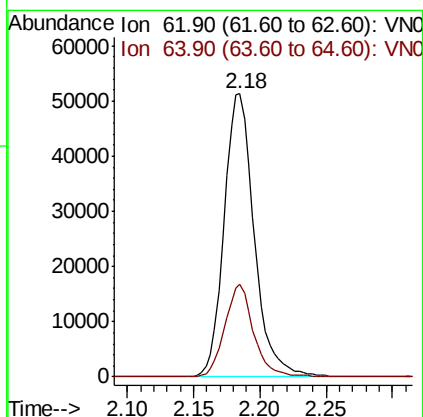
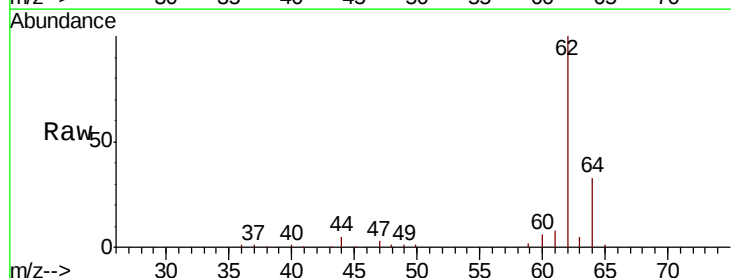
Acq: 15 Jul 2019 9:33

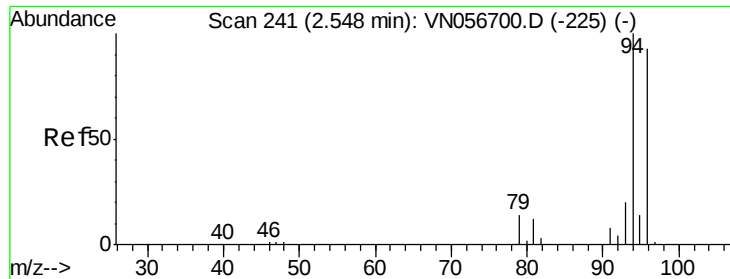
Tgt Ion: 62 Resp: 81060

Ion Ratio Lower Upper

62 100

64 32.7 25.6 38.4

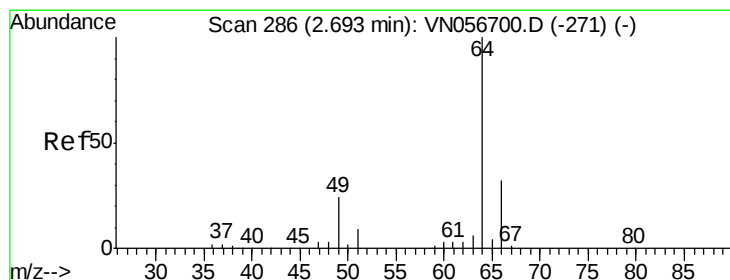
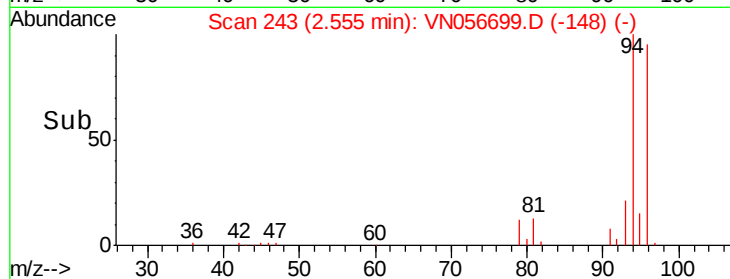
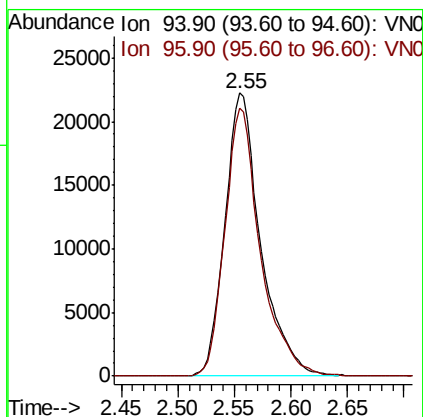
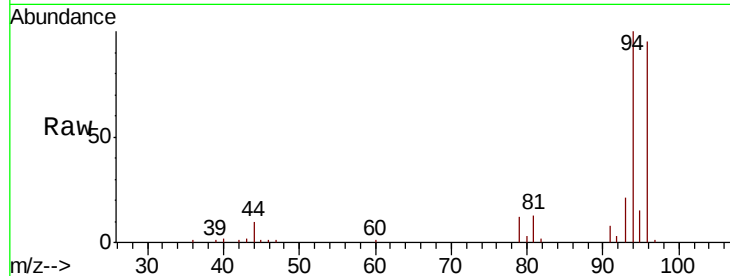




#5
Bromomethane
Concen: 22.358 ug/l
RT: 2.55 min Scan# 243
Delta R.T. 0.01 min
Lab File: VN056699.D
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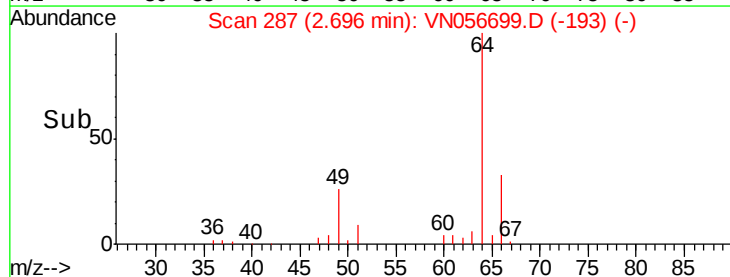
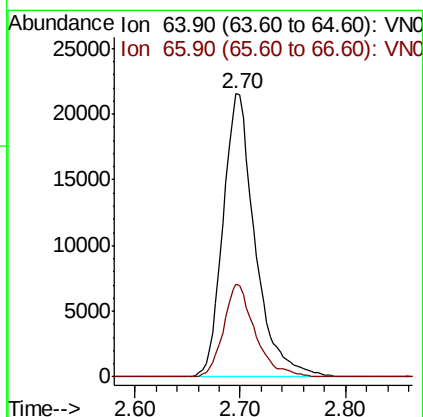
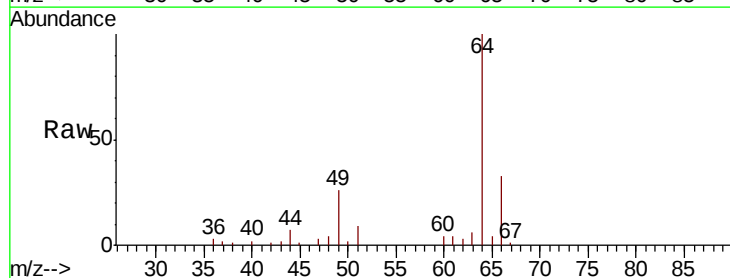
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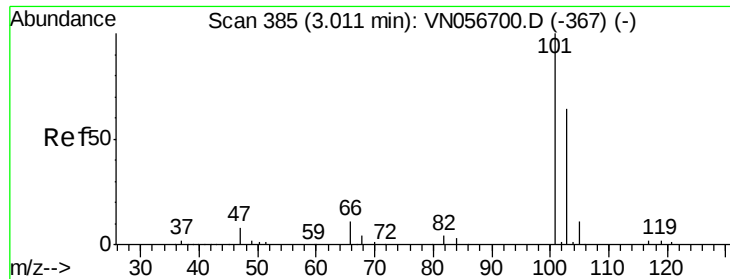
Tot Ion: 94 Resp: 49013
Ion Ratio Lower Upper
94 100
96 94.6 74.0 111.0



#6
Chloroethane
Concen: 20.880 ug/l
RT: 2.70 min Scan# 287
Delta R.T. 0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

Tgt Ion: 64 Resp: 45394
Ion Ratio Lower Upper
64 100
66 32.8 25.8 38.8



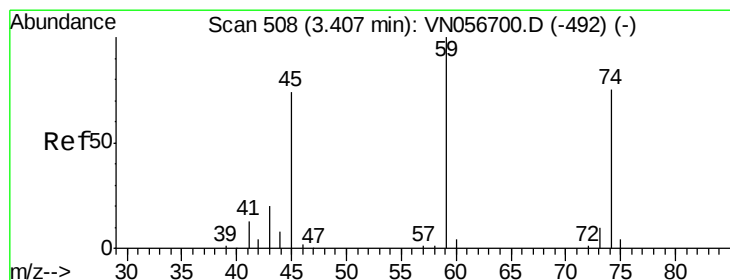
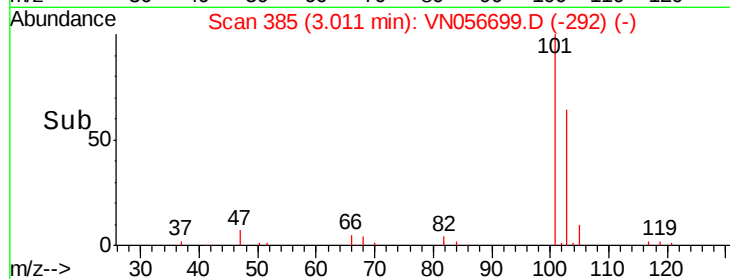
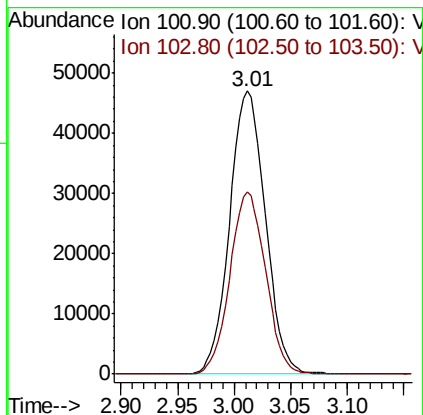
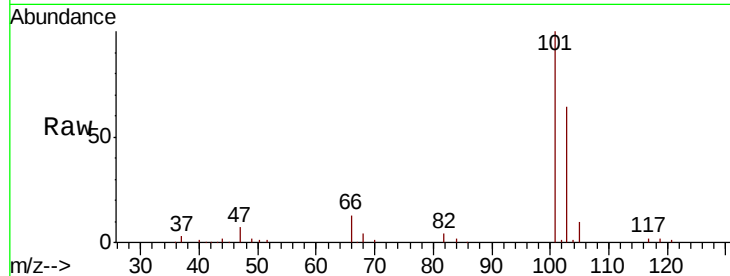


#7

Trichlorofluoromethane
 Concen: 21.254 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. -0.00 min
 Lab File: VN056699.D
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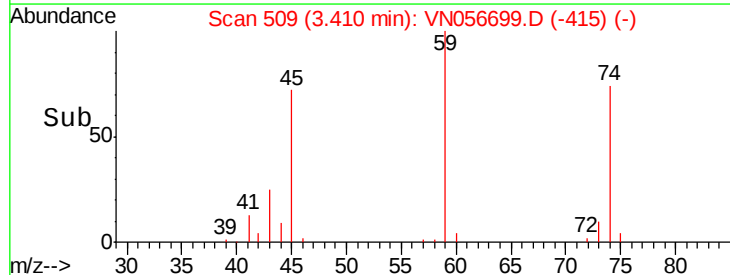
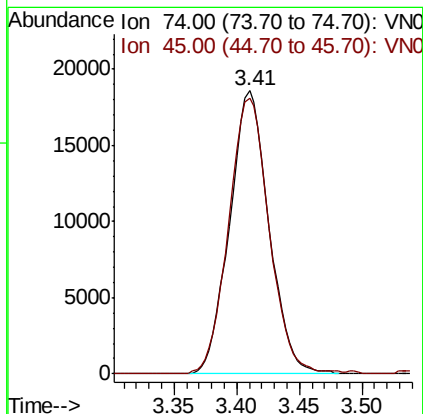
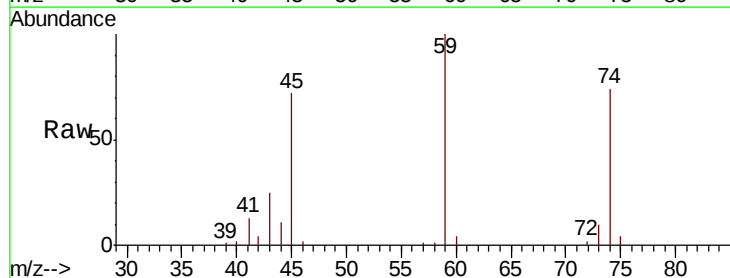
Tot Ion:101 Resp: 103531
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.5 77.3

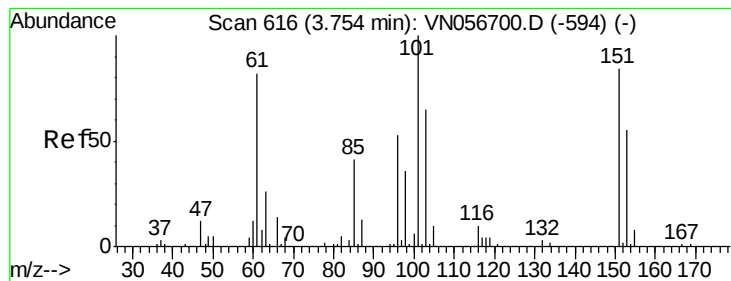


#8

Diethyl Ether
 Concen: 19.689 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN056699.D
 Acq: 15 Jul 2019 9:33

Tgt Ion: 74 Resp: 40400
 Ion Ratio Lower Upper
 74 100
 45 100.7 49.4 148.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.092 ug/l

RT: 3.76 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

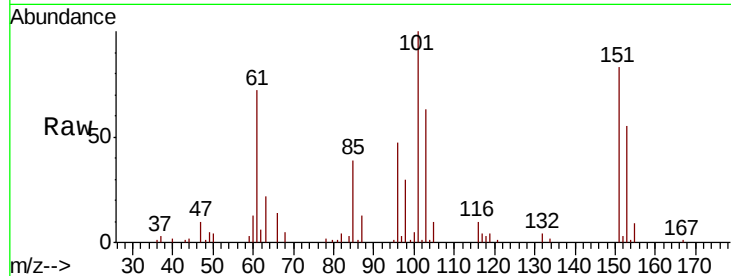
Tot Ion:101 Resp: 62099

Ion Ratio Lower Upper

101 100

85 41.7 33.3 49.9

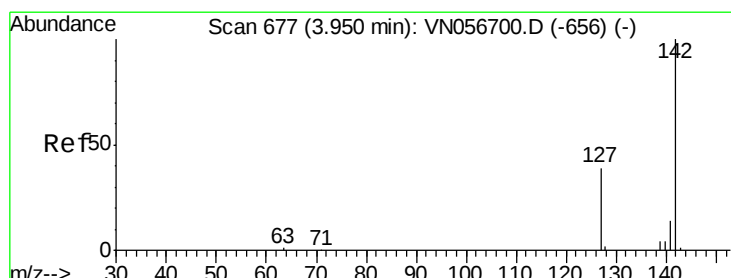
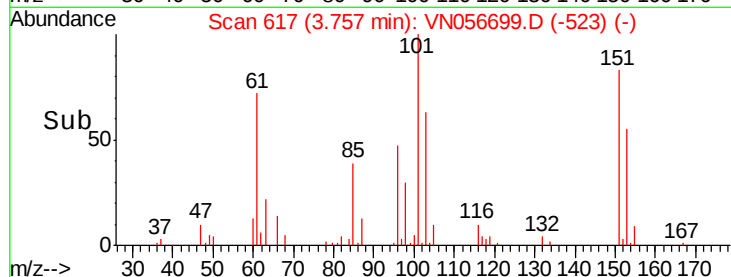
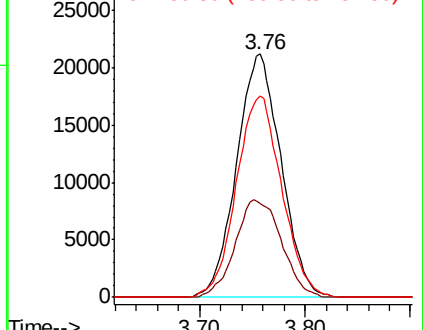
151 84.4 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.001 ug/l

RT: 3.95 min Scan# 677

Delta R.T. -0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

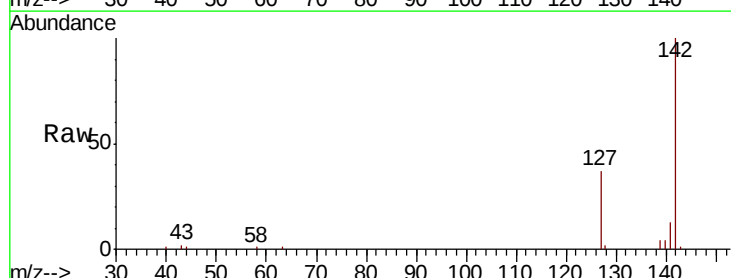
Tgt Ion:142 Resp: 83086

Ion Ratio Lower Upper

142 100

127 37.8 30.7 46.1

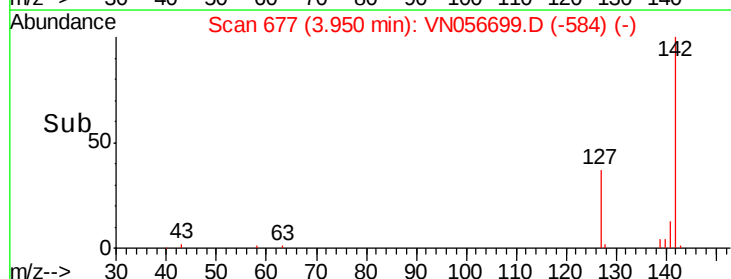
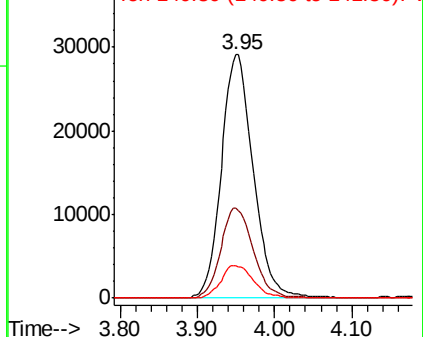
141 13.7 11.3 16.9

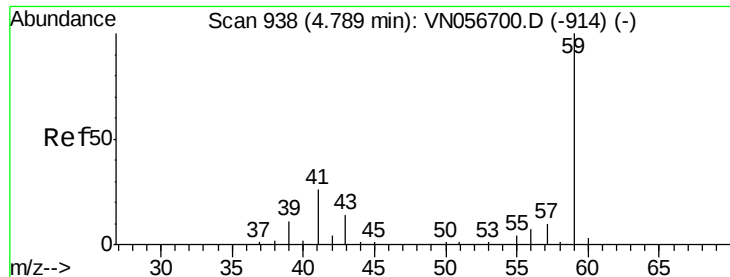


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

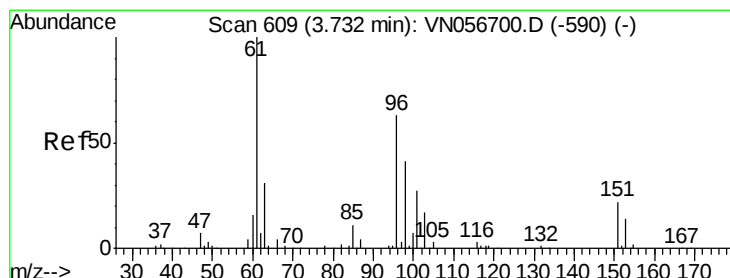
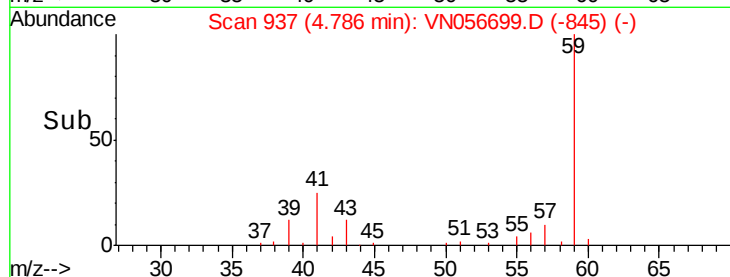
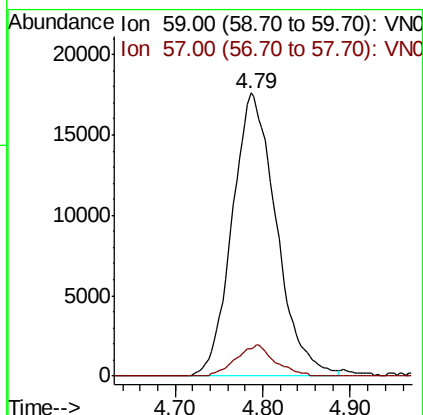
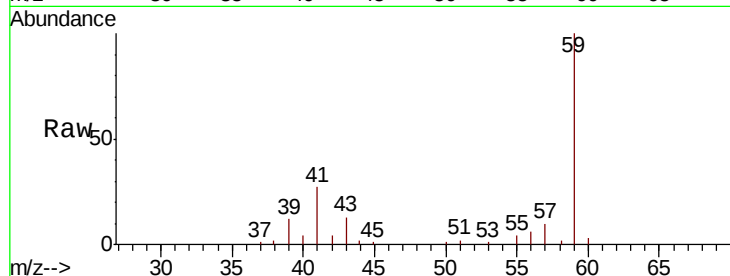




#11
Tert butyl alcohol
Concen: 98.502 ug/l
RT: 4.79 min Scan# 937
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

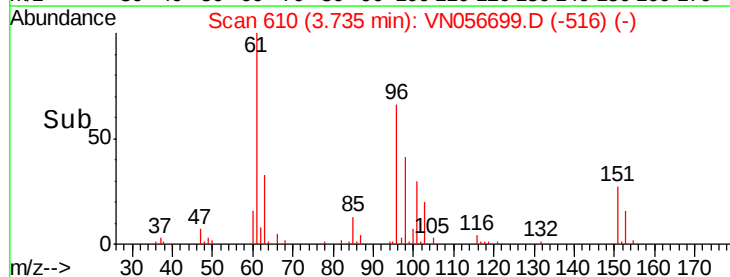
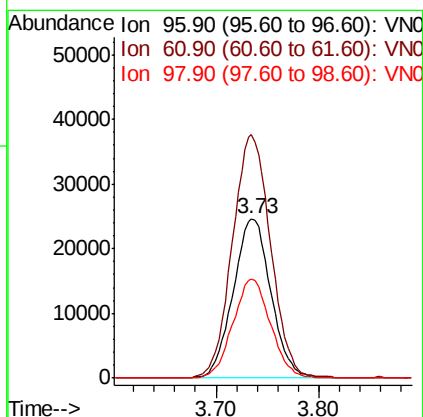
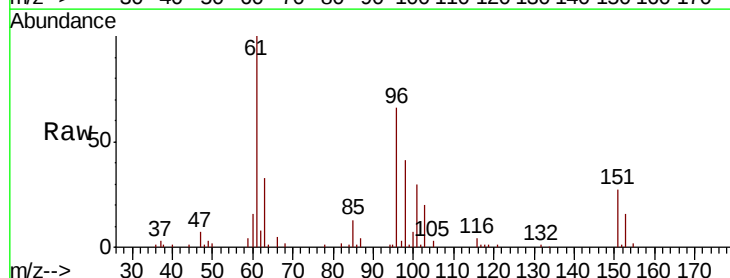
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

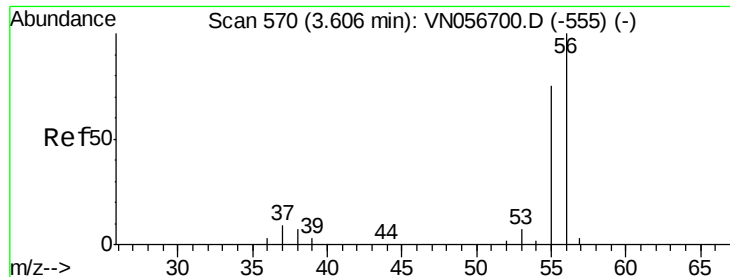
Tot Ion: 59 Resp: 61495
Ion Ratio Lower Upper
59 100
57 9.7 8.0 12.0



#12
1,1-Dichloroethene
Concen: 21.115 ug/l
RT: 3.73 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

Tgt Ion: 96 Resp: 62911
Ion Ratio Lower Upper
96 100
61 152.4 126.6 189.8
98 61.8 51.4 77.2





#13

Acrolein

Concen: 41.094 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

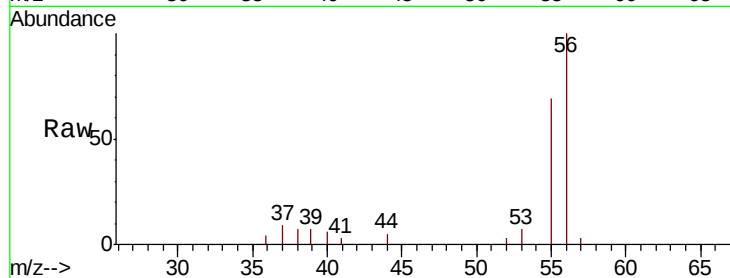
VSTDIC020

Tot Ion: 56 Resp: 19005

Ion Ratio Lower Upper

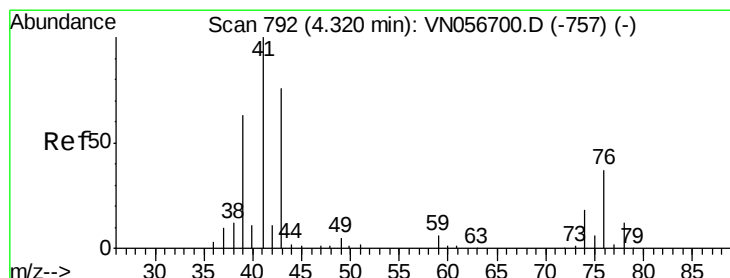
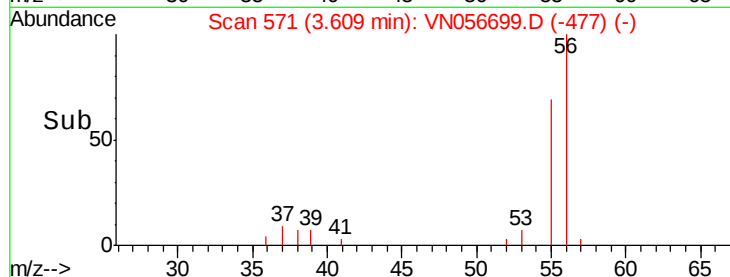
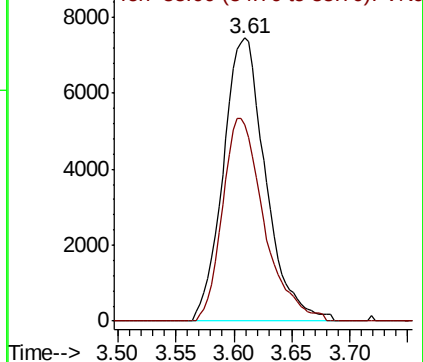
56 100

55 70.1 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 21.231 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

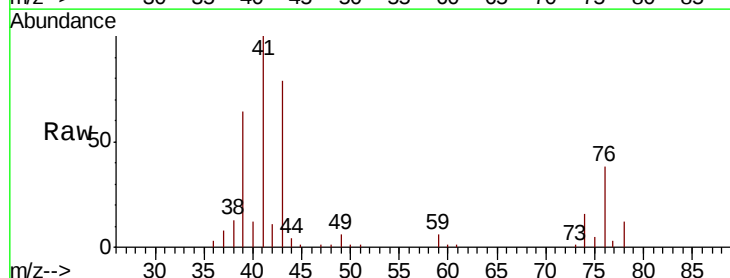
Tgt Ion: 41 Resp: 106147

Ion Ratio Lower Upper

41 100

39 60.8 46.9 70.3

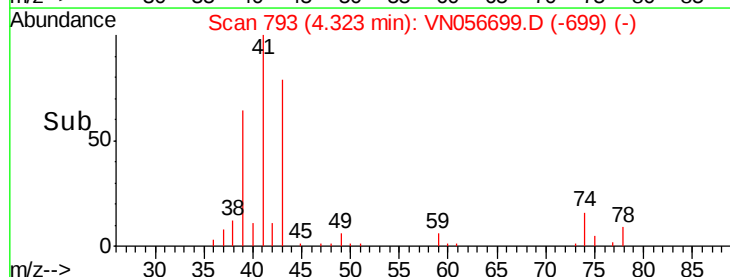
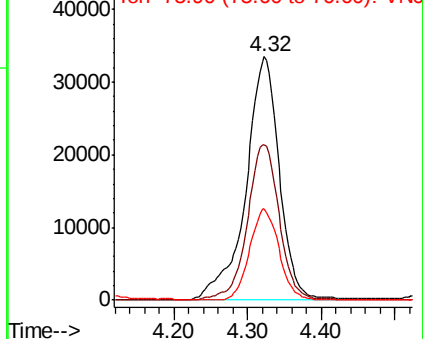
76 32.8 26.5 39.7

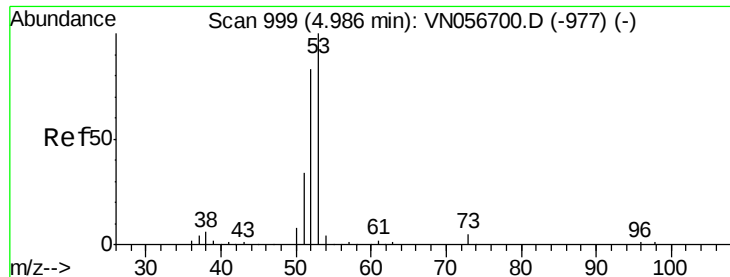


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 104.442 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

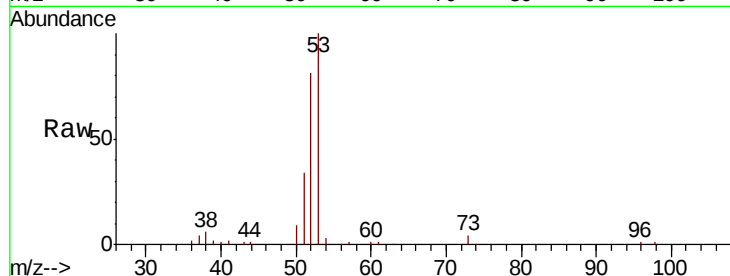
Tot Ion: 53 Resp: 182076

Ion Ratio Lower Upper

53 100

52 81.5 66.6 99.8

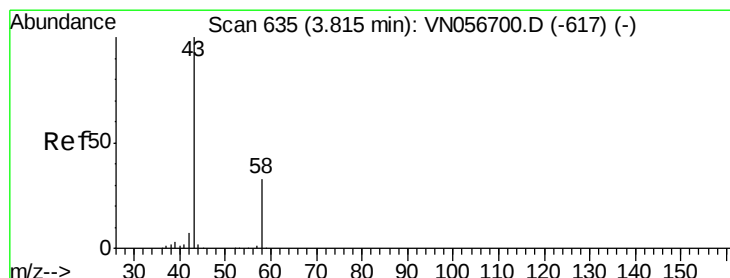
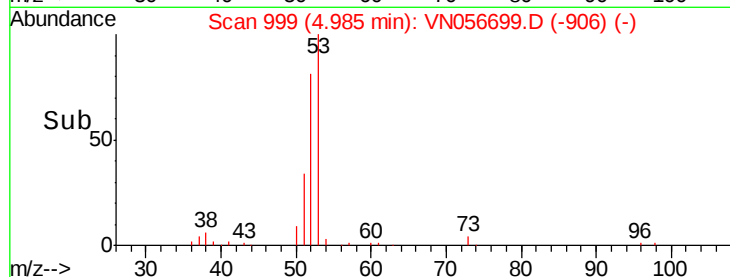
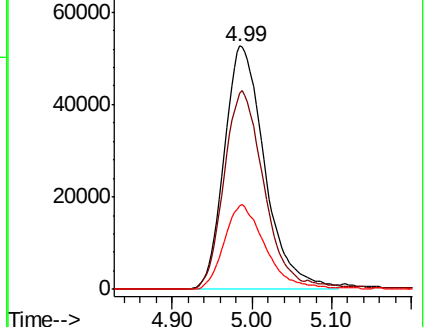
51 35.6 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VN056699.D (-906) (-)

Ion 52.00 (51.70 to 52.70): VN056699.D (-906) (-)

Ion 51.00 (50.70 to 51.70): VN056699.D (-906) (-)



#16

Acetone

Concen: 100.705 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056699.D

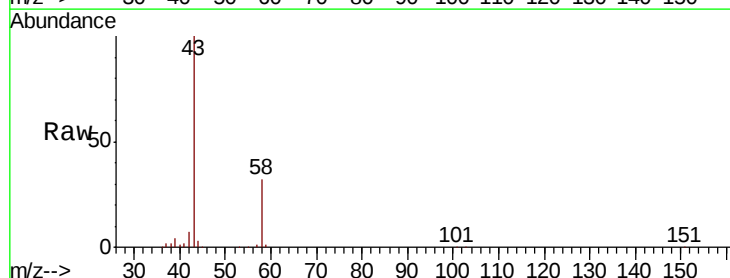
Acq: 15 Jul 2019 9:33

Tgt Ion: 43 Resp: 185044

Ion Ratio Lower Upper

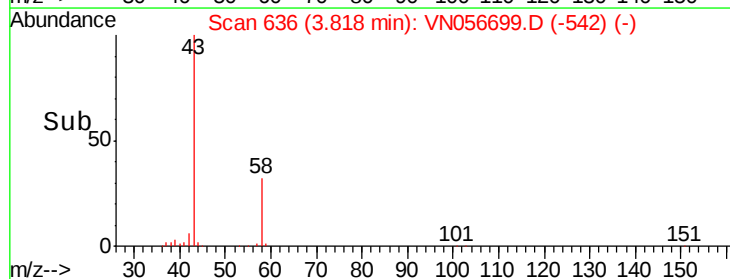
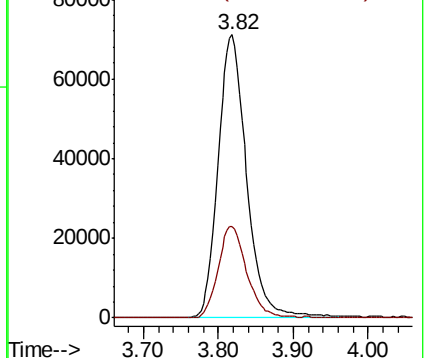
43 100

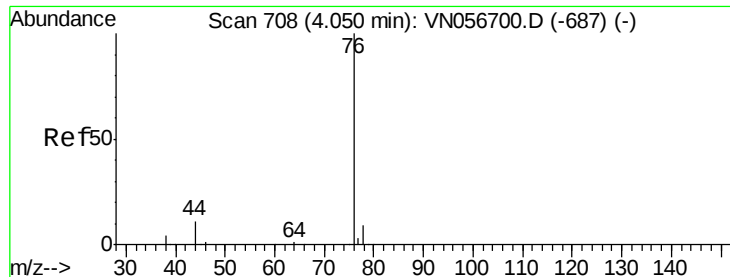
58 32.4 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN056699.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN056699.D (-542) (-)

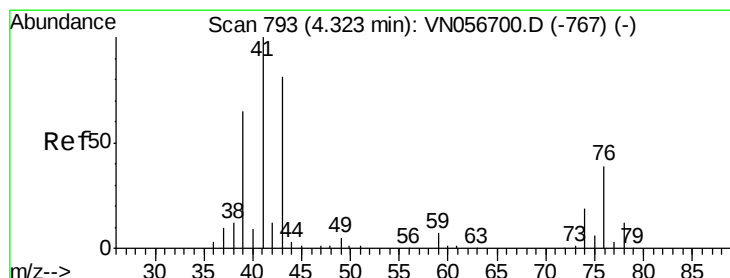
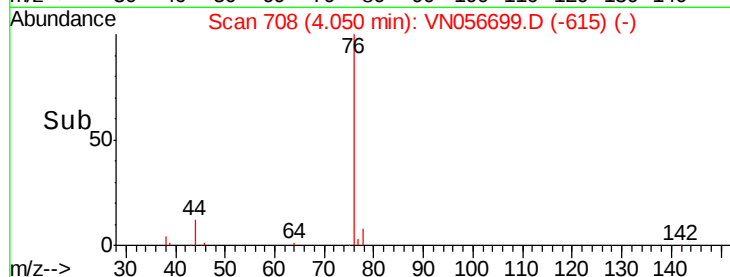
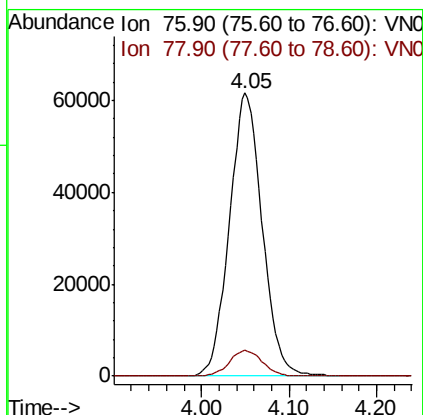
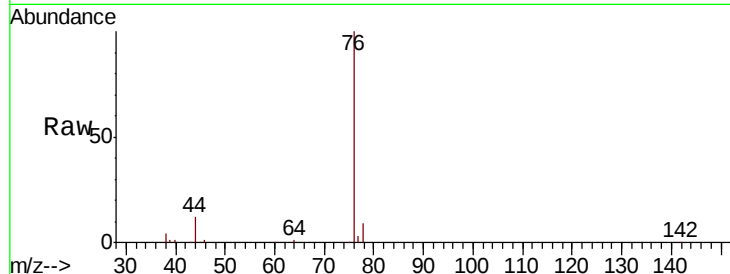




#17
Carbon Disulfide
Concen: 23.072 ug/l
RT: 4.05 min Scan# 708
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

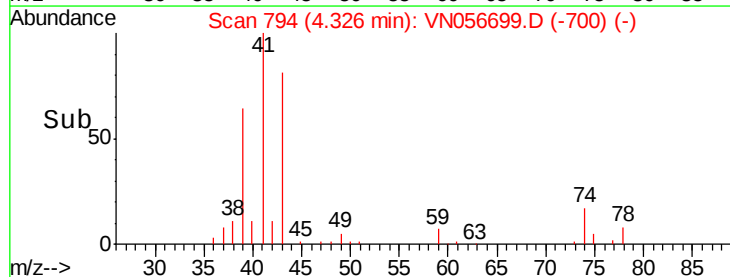
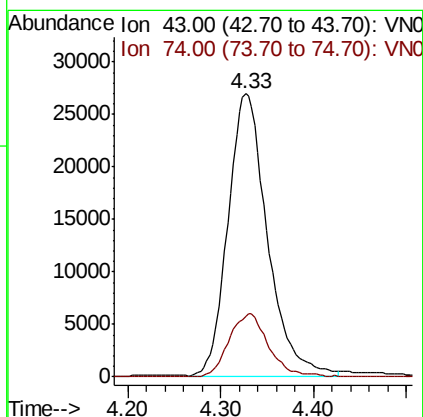
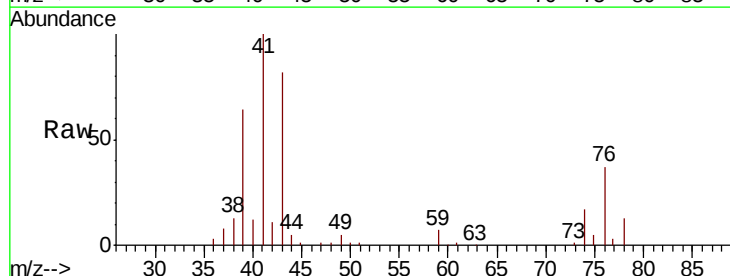
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

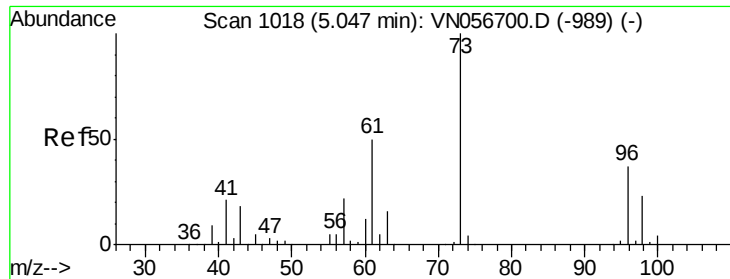
Tot Ion: 76 Resp: 160410
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 17.013 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

Tgt Ion: 43 Resp: 80103
Ion Ratio Lower Upper
43 100
74 22.2 18.9 28.3

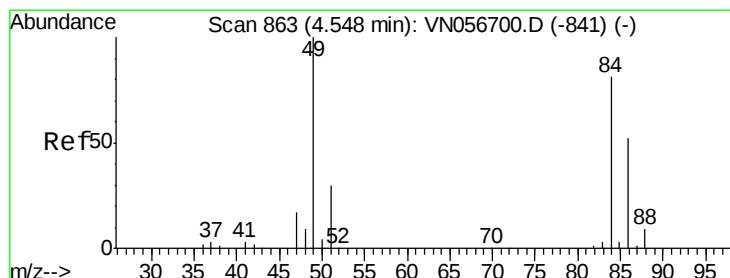
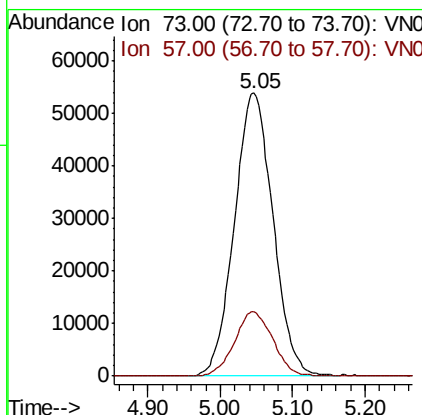
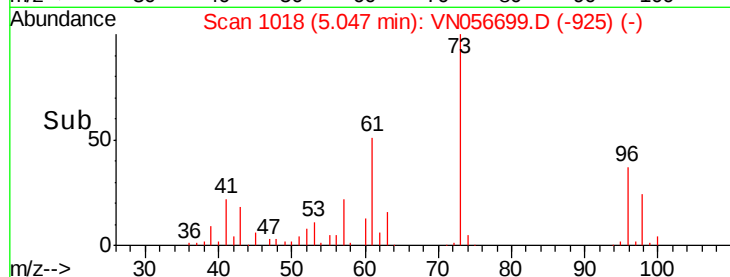
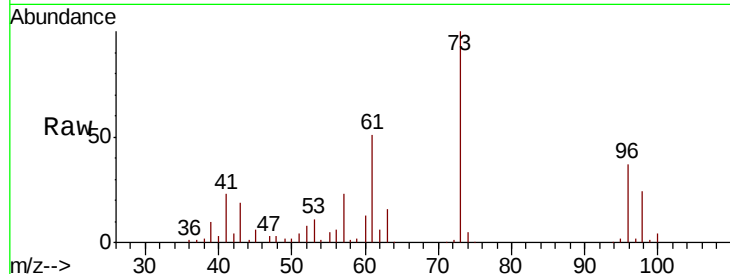




#19
Methyl tert-butyl Ether
Concen: 20.313 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

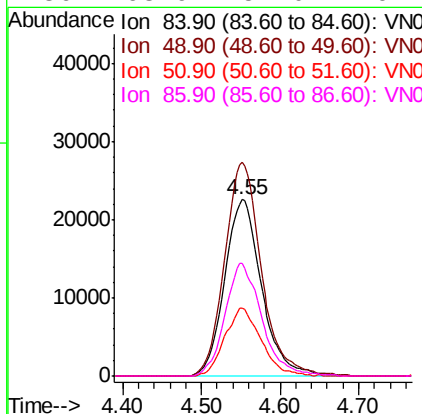
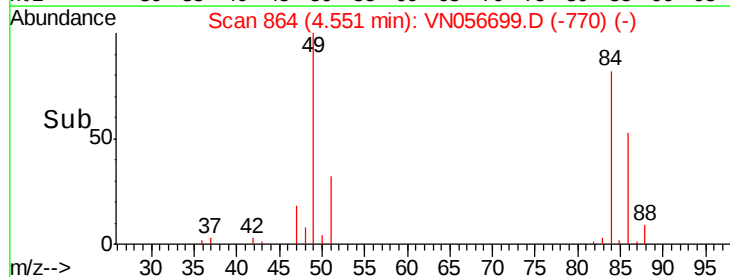
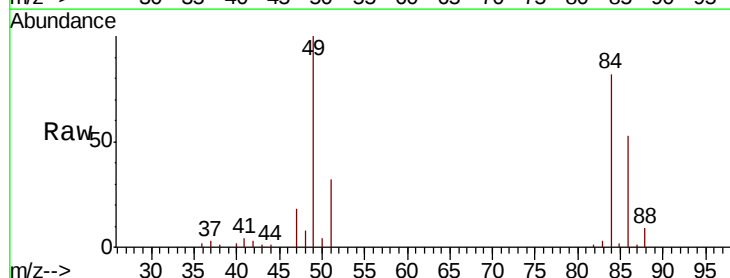
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

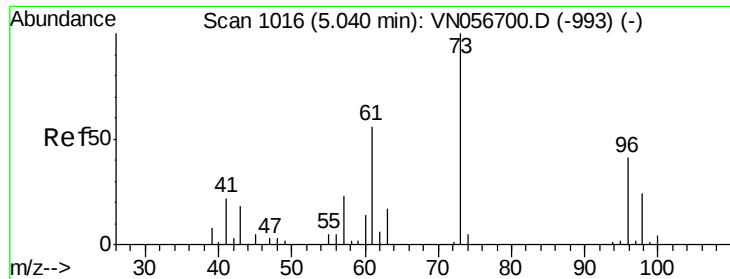
Tot Ion: 73 Resp: 199797
Ion Ratio Lower Upper
73 100
57 22.9 17.9 26.9



#20
Methylene Chloride
Concen: 19.205 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

Tgt Ion: 84 Resp: 73726
Ion Ratio Lower Upper
84 100
49 121.3 98.2 147.4
51 38.9 29.6 44.4
86 63.9 51.0 76.4

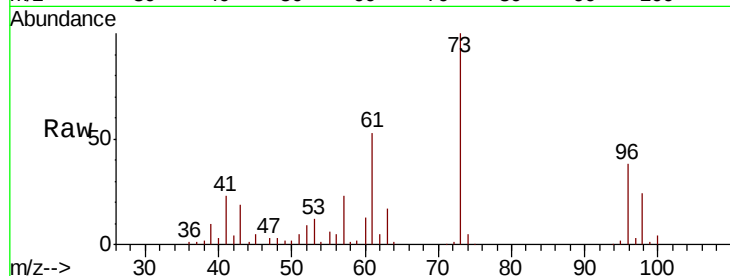




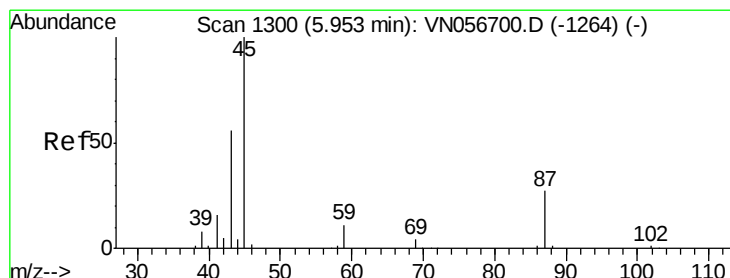
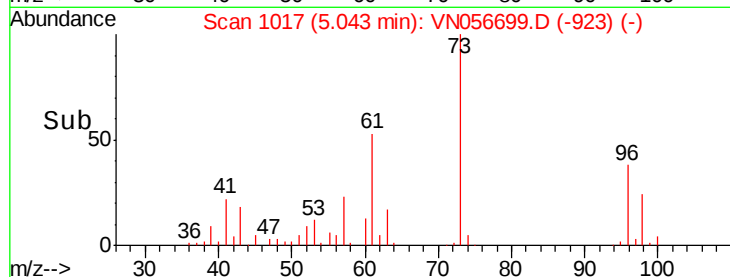
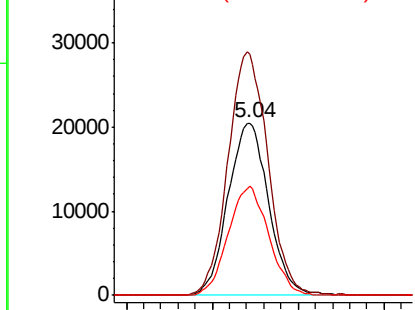
#21
trans-1,2-Dichloroethene
Concen: 20.795 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion: 96 Resp: 66910
Ion Ratio Lower Upper
96 100
61 139.9 109.4 164.2
98 63.4 48.0 72.0

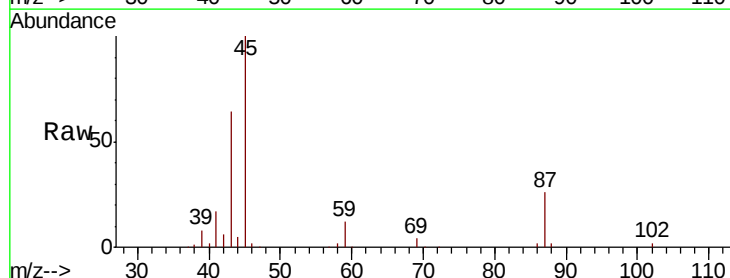


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

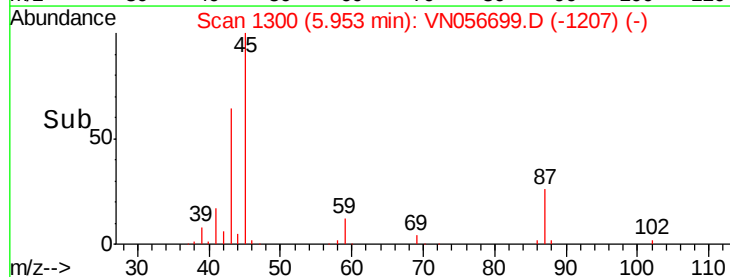
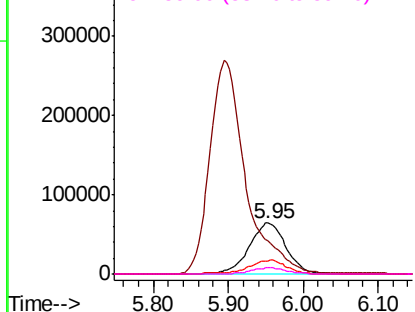


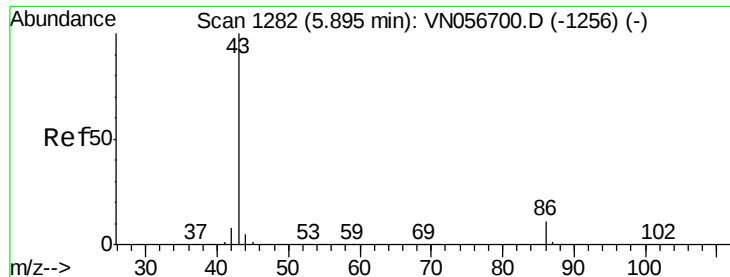
#22
Diisopropyl ether
Concen: 21.135 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

Tgt Ion: 45 Resp: 220819
Ion Ratio Lower Upper
45 100
43 61.6 45.6 68.4
87 26.3 22.0 33.0
59 11.4 9.3 13.9



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

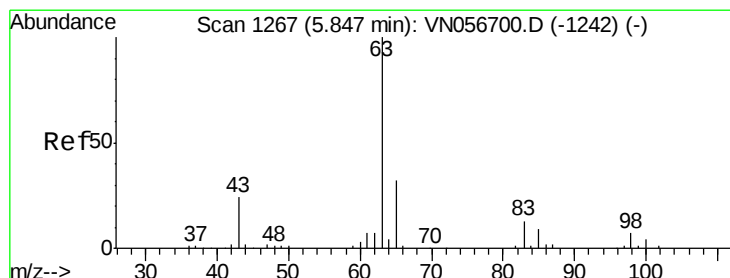
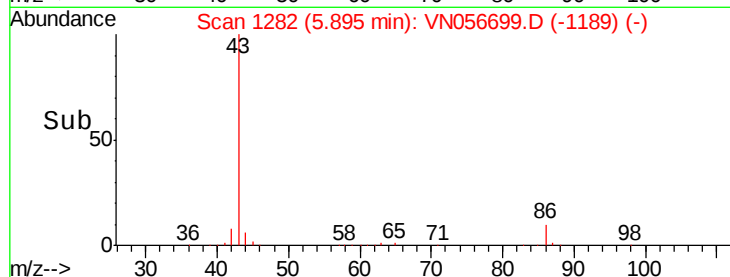
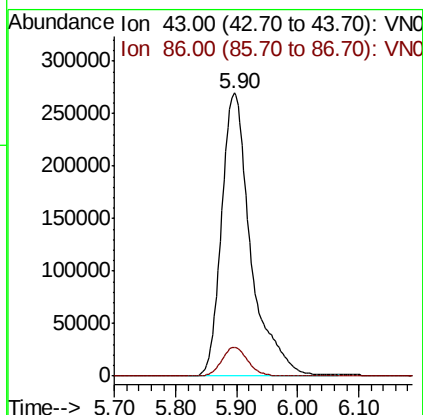
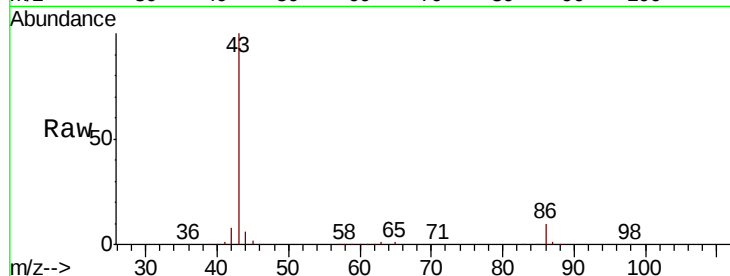




#23
 Vinyl Acetate
 Concen: 109.195 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VN056699.D
 Acq: 15 Jul 2019 9:33

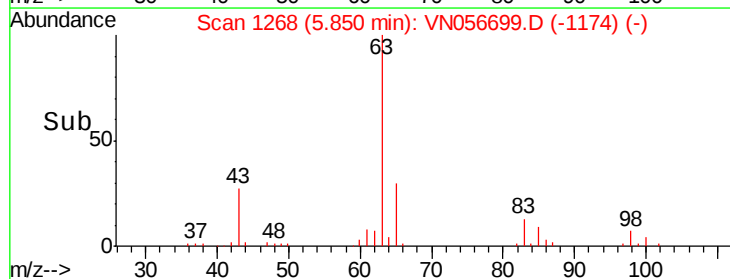
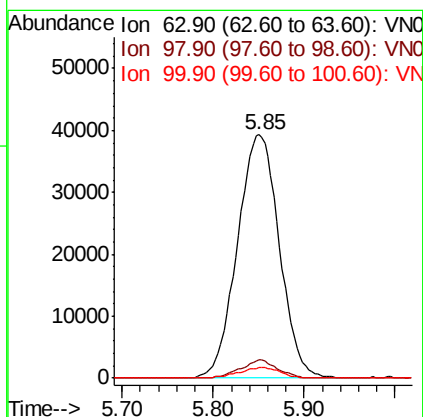
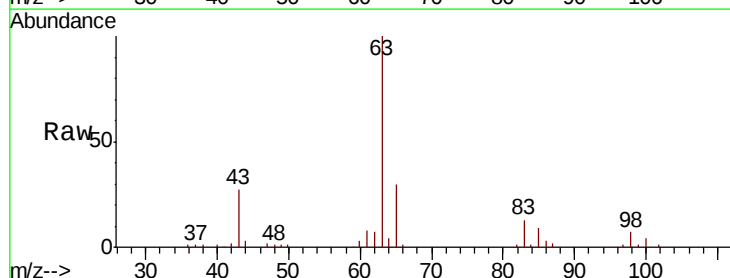
Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC020

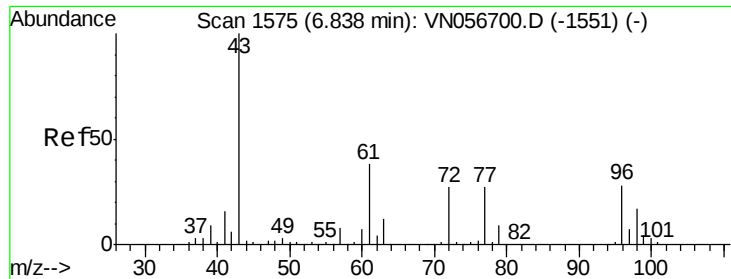
Tot Ion: 43 Resp: 900269
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 20.933 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN056699.D
 Acq: 15 Jul 2019 9:33

Tgt Ion: 63 Resp: 125355
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.9
 100 4.2 2.0 5.8





#25

2-Butanone

Concen: 104.652 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

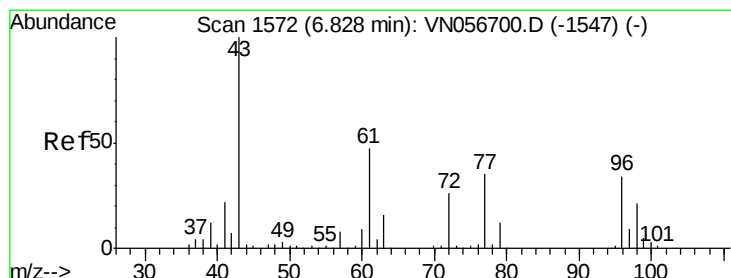
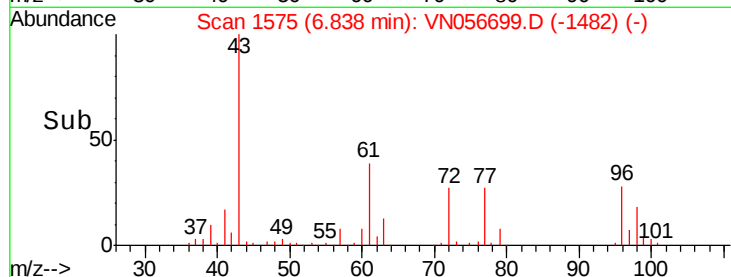
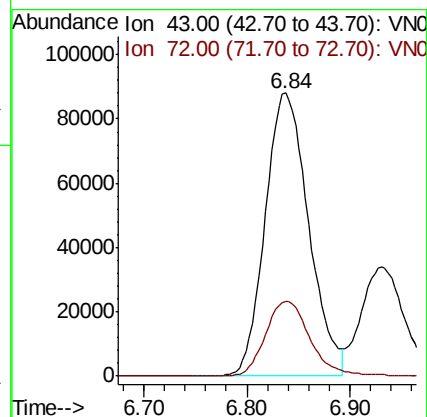
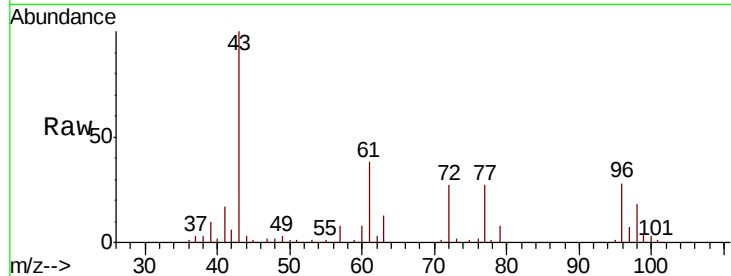
VSTDIC020

Tot Ion: 43 Resp: 257997

Ion Ratio Lower Upper

43 100

72 26.5 21.2 31.8



#26

2,2-Dichloropropane

Concen: 21.281 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056699.D

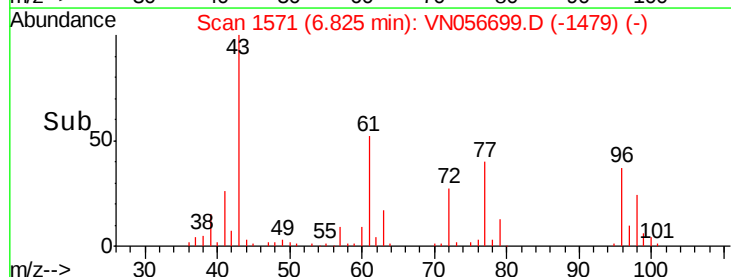
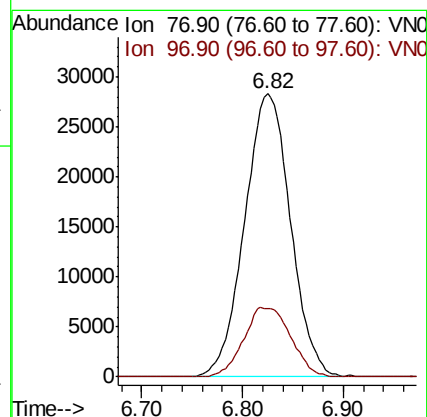
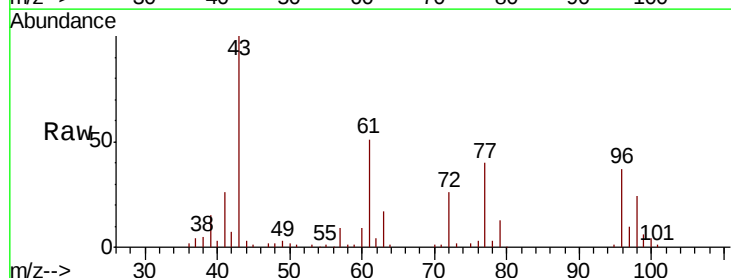
Acq: 15 Jul 2019 9:33

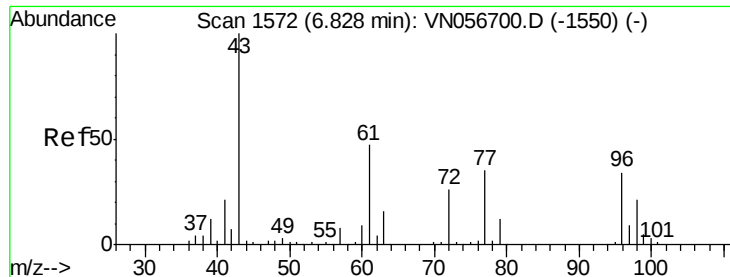
Tgt Ion: 77 Resp: 89414

Ion Ratio Lower Upper

77 100

97 25.1 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 20.564 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

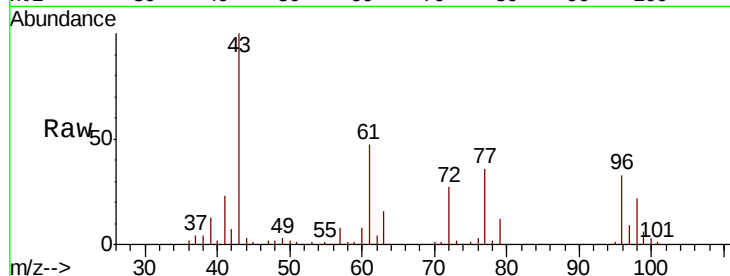
Tot Ion: 96 Resp: 77167

Ion Ratio Lower Upper

96 100

61 142.0 0.0 281.4

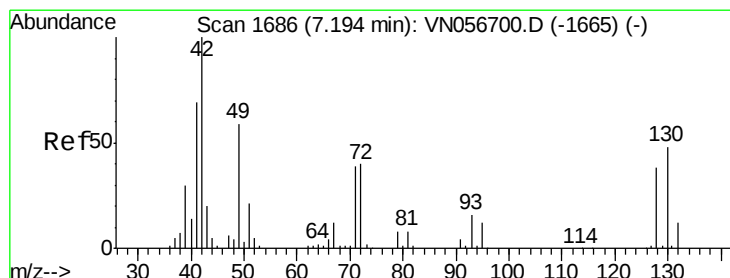
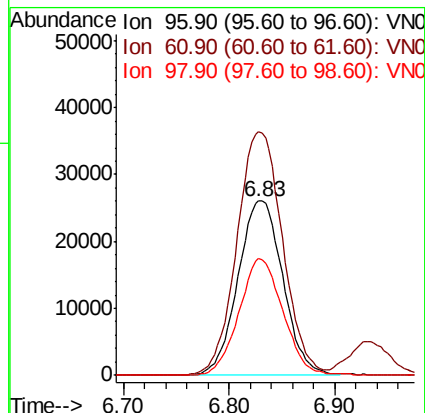
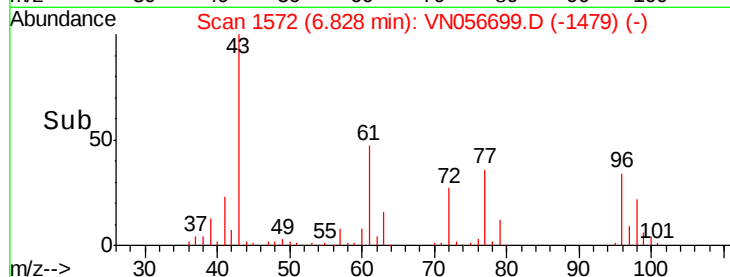
98 65.2 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN056699.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN056699.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN056699.D (-1479) (-)



#28

Bromochloromethane

Concen: 20.479 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

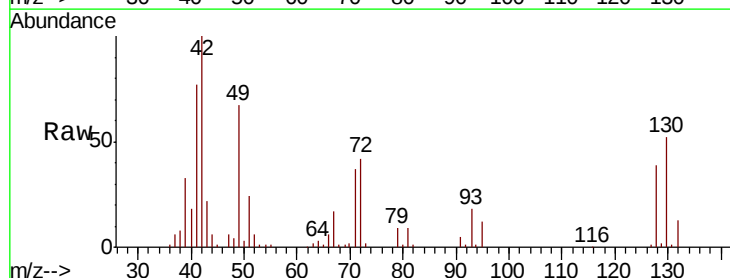
Tgt Ion: 49 Resp: 60177

Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

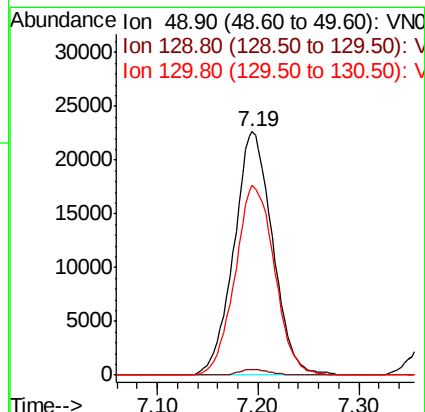
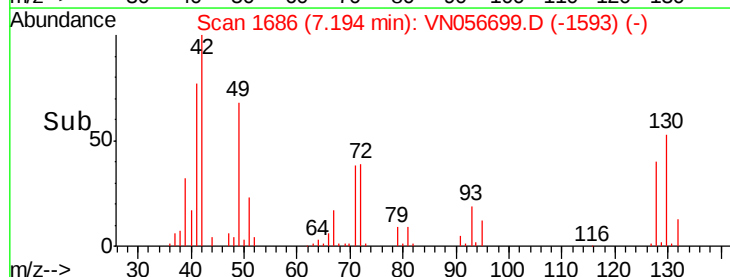
130 79.4 64.7 97.1

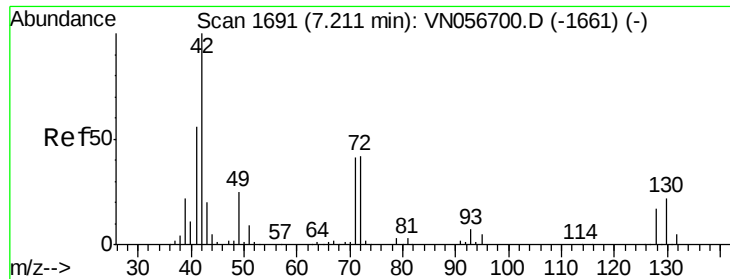


Abundance Ion 48.90 (48.60 to 49.60): VN056699.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN056699.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN056699.D (-1593) (-)

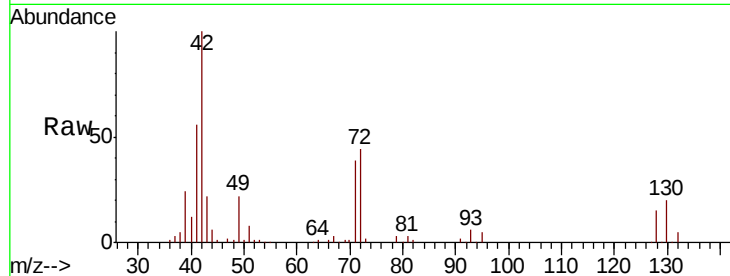




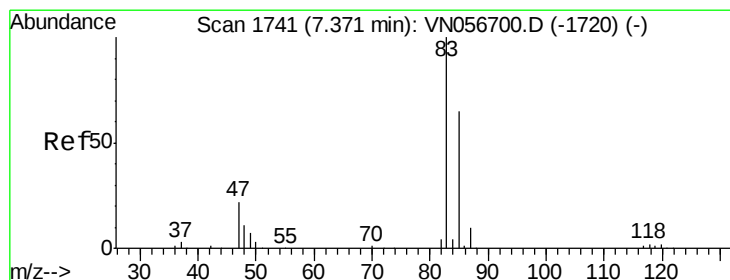
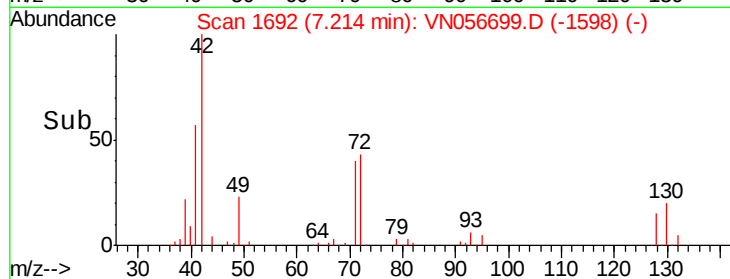
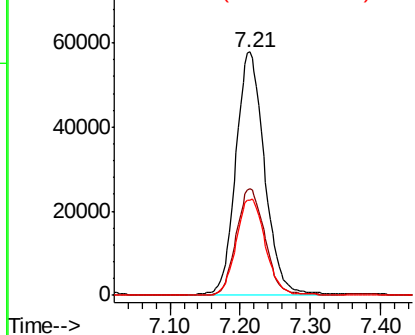
#29
Tetrahydrofuran
Concen: 108.130 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion: 42 Resp: 165313
Ion Ratio Lower Upper
42 100
72 43.3 33.5 50.3
71 39.8 31.8 47.8

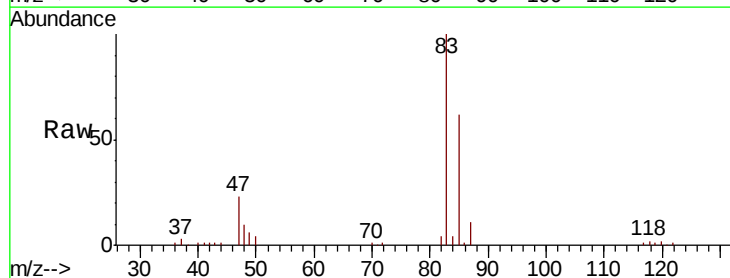


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

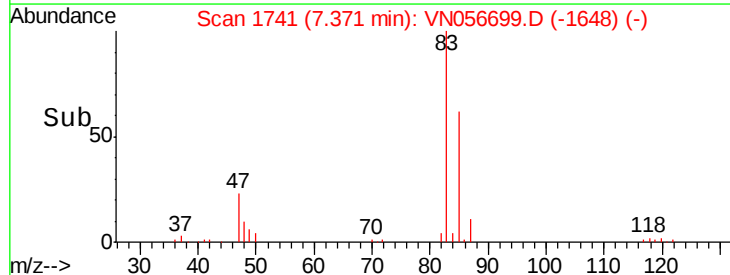
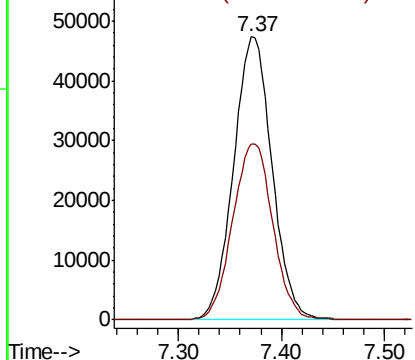


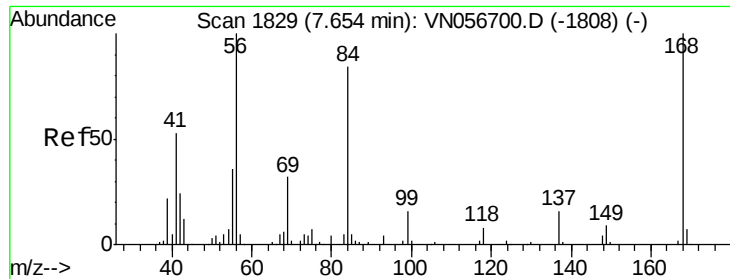
#30
Chloroform
Concen: 20.838 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

Tgt Ion: 83 Resp: 122928
Ion Ratio Lower Upper
83 100
85 62.0 51.9 77.9



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

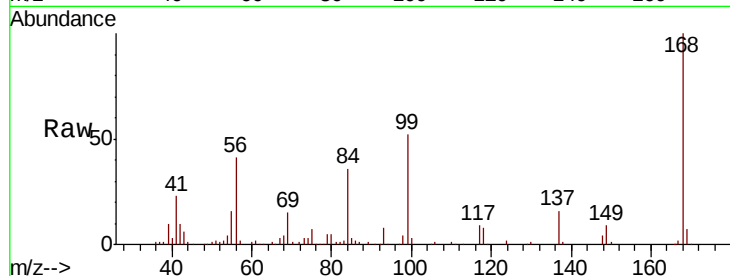




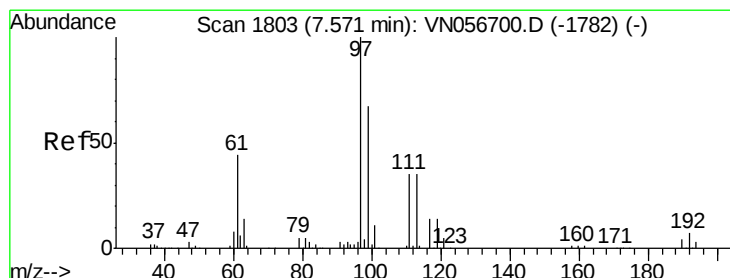
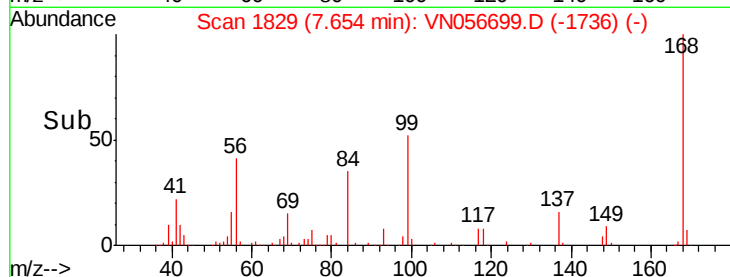
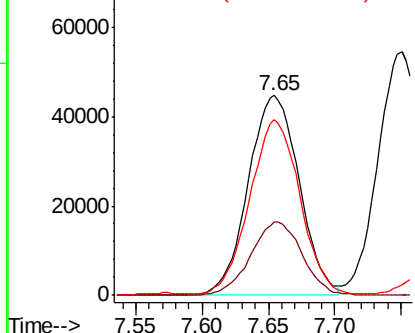
#31
Cyclohexane
Concen: 20.609 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

Tot Ion: 56 Resp: 119810
Ion Ratio Lower Upper
56 100
69 36.8 25.8 38.8
84 87.5 67.4 101.0

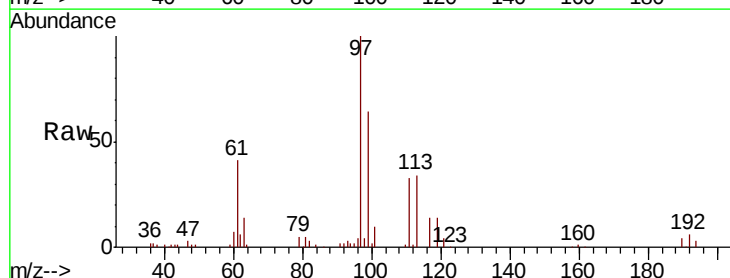


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

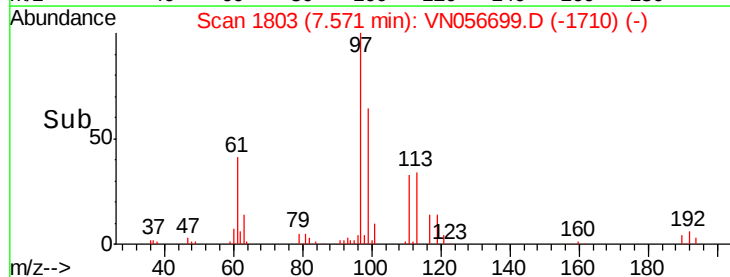
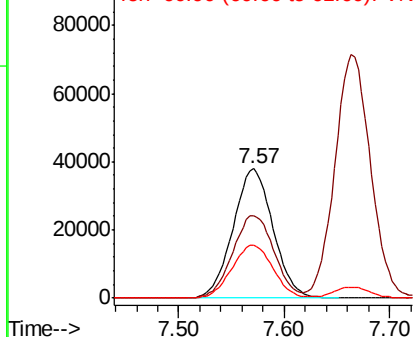


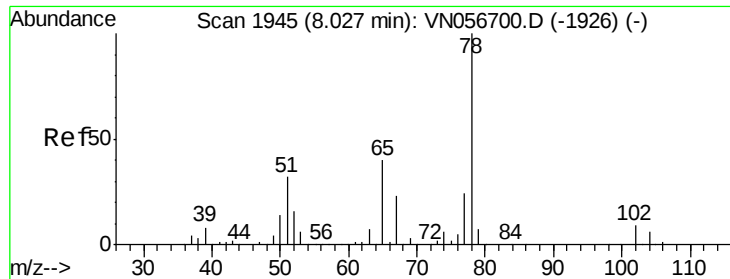
#32
1,1,1-Trichloroethane
Concen: 21.364 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

Tgt Ion: 97 Resp: 100195
Ion Ratio Lower Upper
97 100
99 65.8 52.0 78.0
61 42.1 34.3 51.5



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

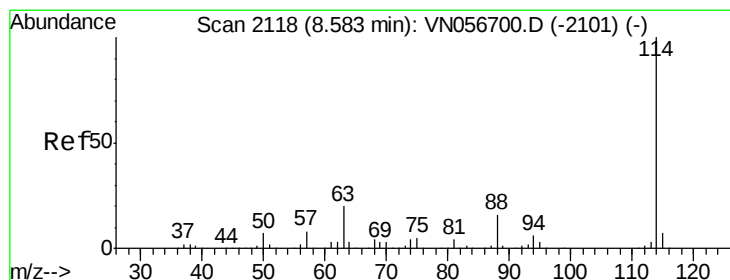
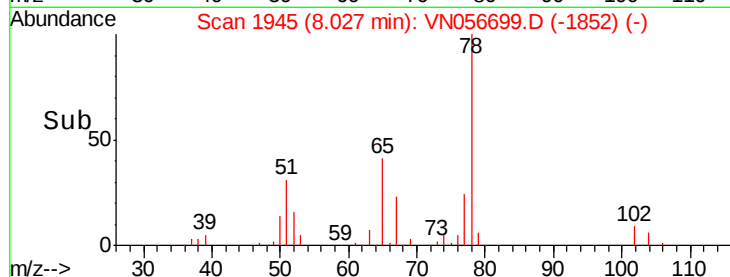
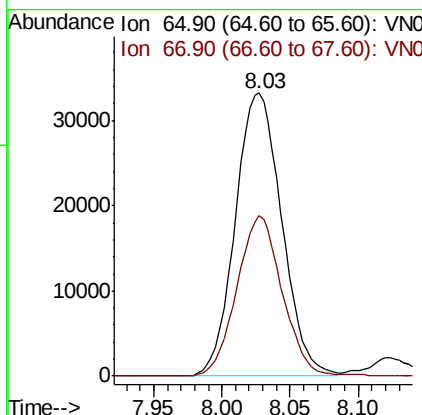
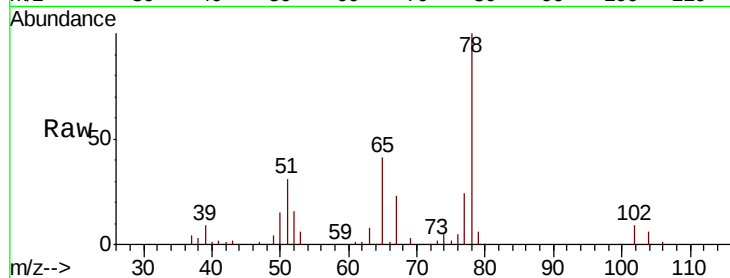




#33
 1,2-Dichloroethane-d4
 Concen: 21.162 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056699.D
 Acq: 15 Jul 2019 9:33

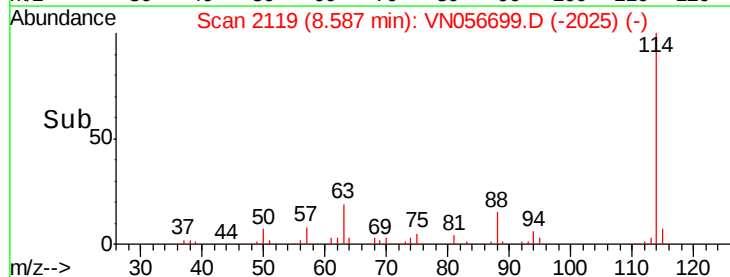
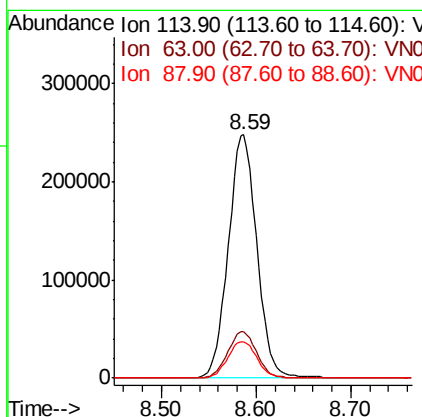
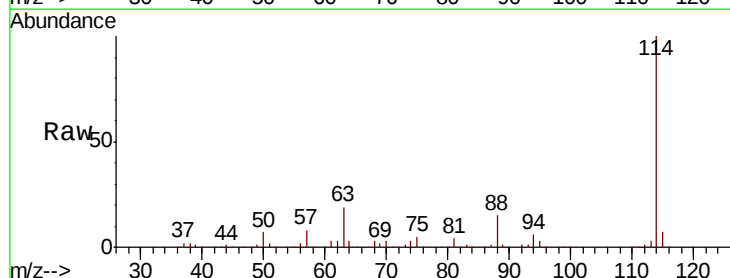
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

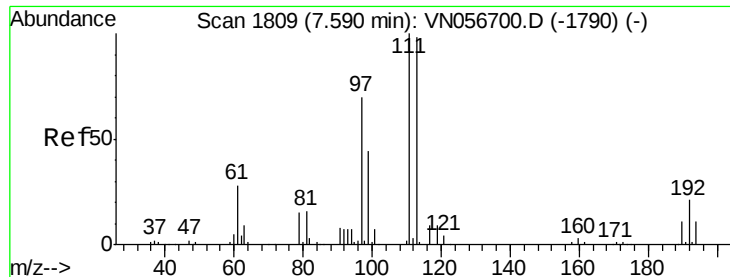
Tot Ion: 65 Resp: 78513
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056699.D
 Acq: 15 Jul 2019 9:33

Tgt Ion: 114 Resp: 520326
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.4
 88 15.0 0.0 31.2

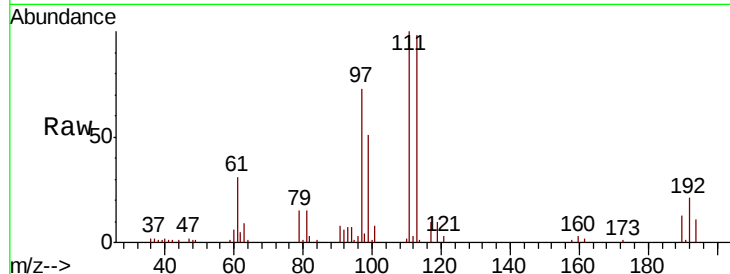




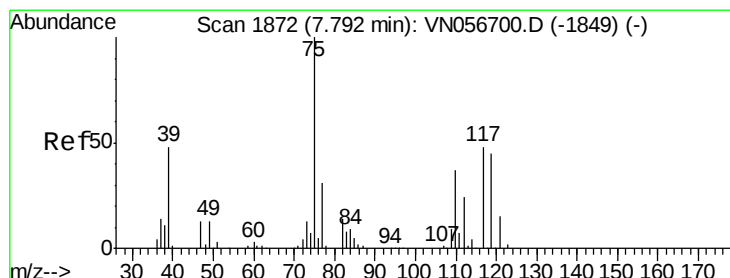
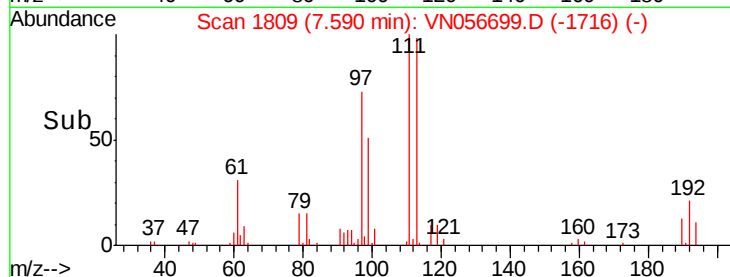
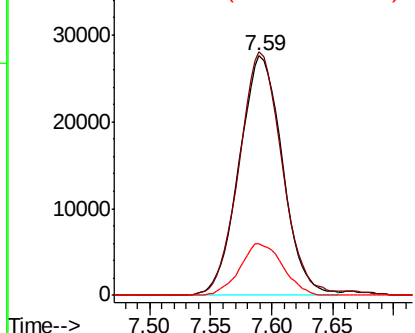
#35
Dibromofluoromethane
Concen: 20.980 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion:113 Resp: 67791
Ion Ratio Lower Upper
113 100
111 100.9 81.8 122.6
192 21.3 17.5 26.3

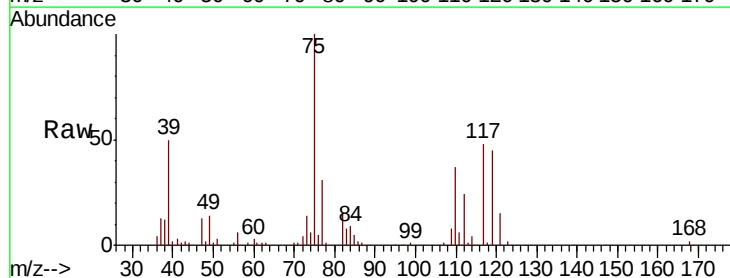


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

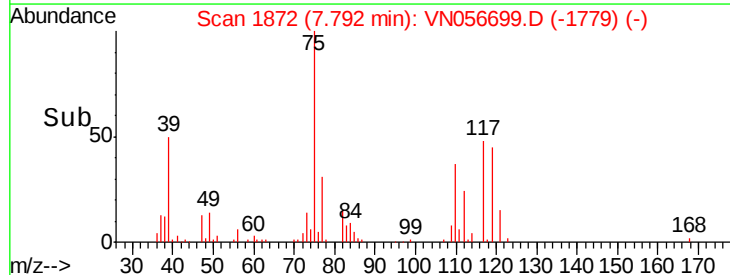
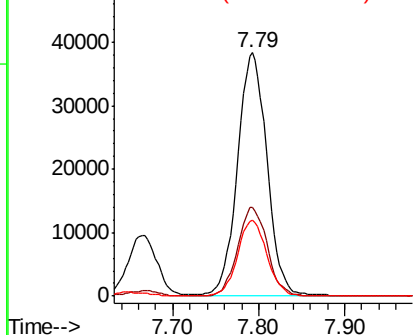


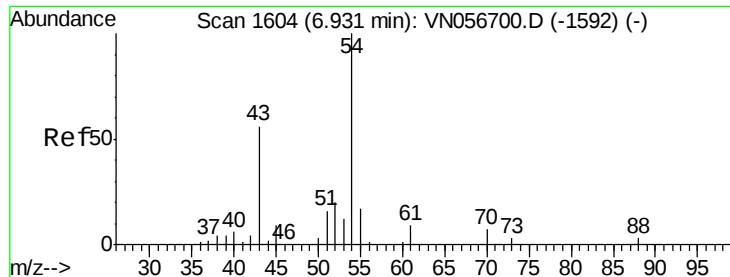
#36
1,1-Dichloropropene
Concen: 19.963 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

Tgt Ion: 75 Resp: 91996
Ion Ratio Lower Upper
75 100
110 36.3 18.4 55.4
77 30.9 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

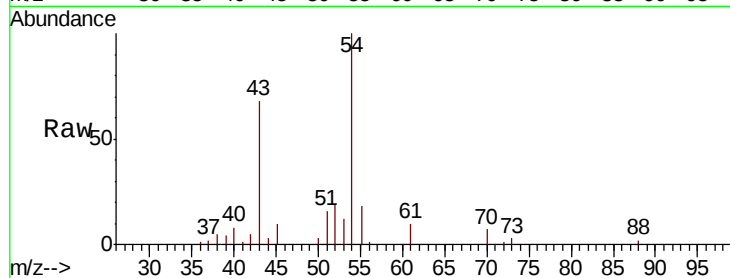




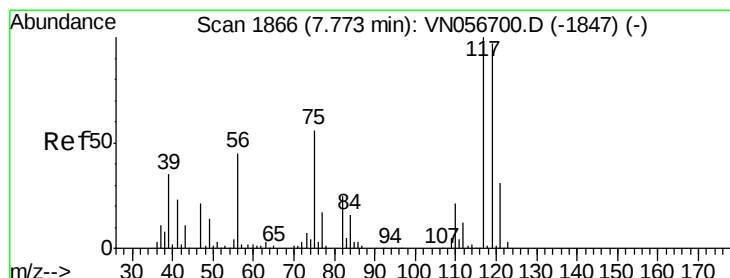
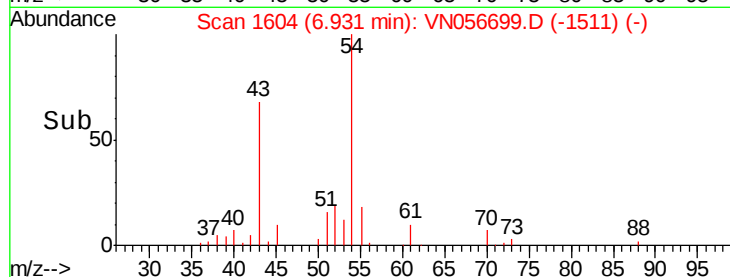
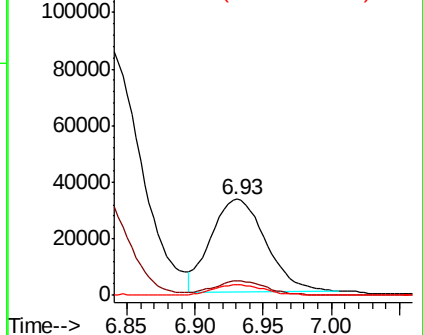
#37
Ethyl Acetate
Concen: 20.345 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 92227
Ion Ratio Lower Upper
43 100
61 15.4 11.3 16.9
70 10.7 8.5 12.7

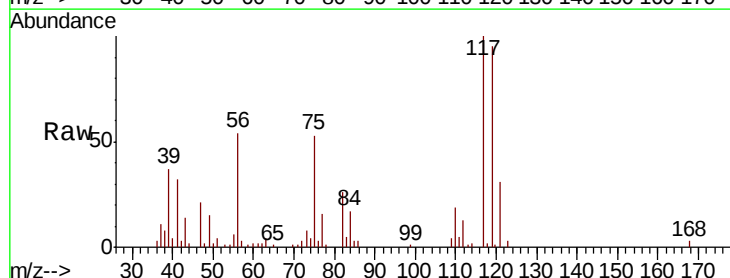


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

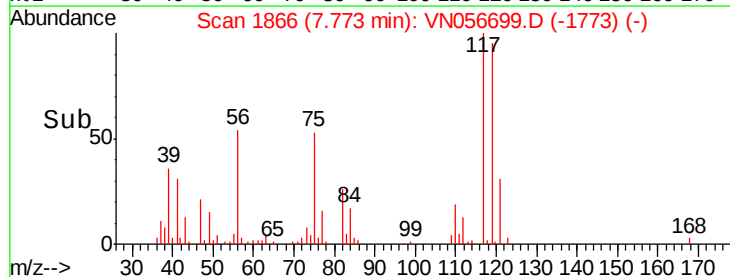
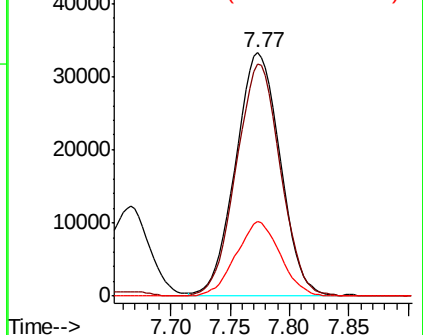


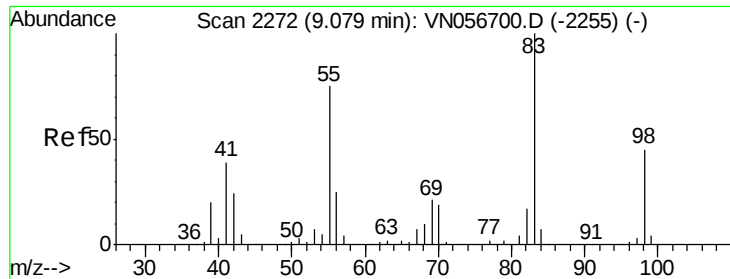
#38
Carbon Tetrachloride
Concen: 21.201 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

Tgt Ion: 117 Resp: 86535
Ion Ratio Lower Upper
117 100
119 95.2 77.5 116.3
121 30.8 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

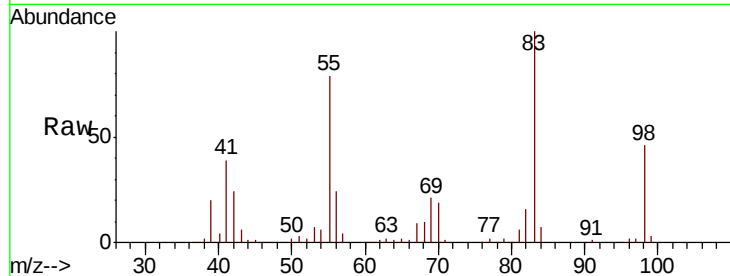




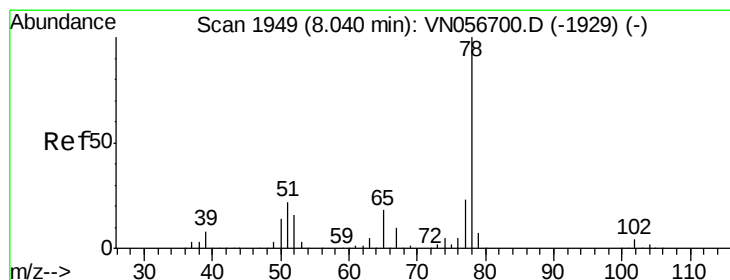
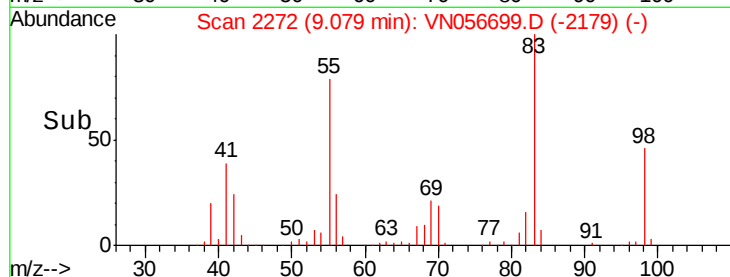
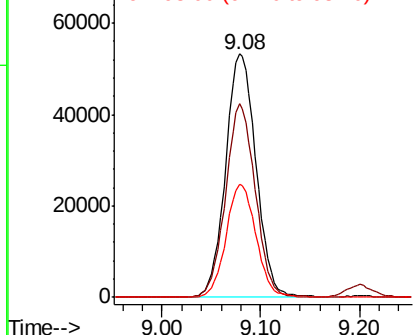
#39
Methvlcvclohexane
Concen: 20.027 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion: 83 Resp: 114248
Ion Ratio Lower Upper
83 100
55 79.3 60.4 90.6
98 46.2 35.8 53.8

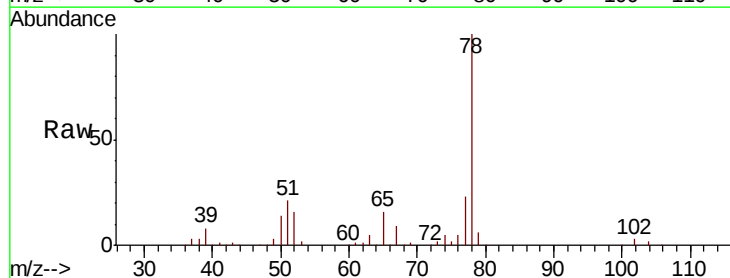


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

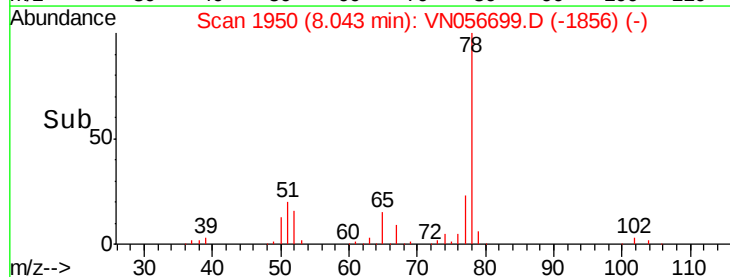
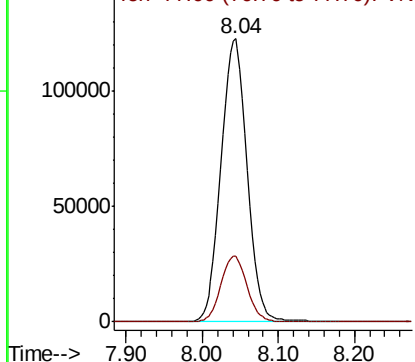


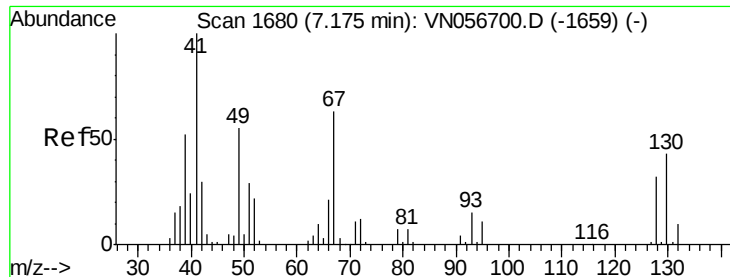
#40
Benzene
Concen: 20.726 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

Tgt Ion: 78 Resp: 293986
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8



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

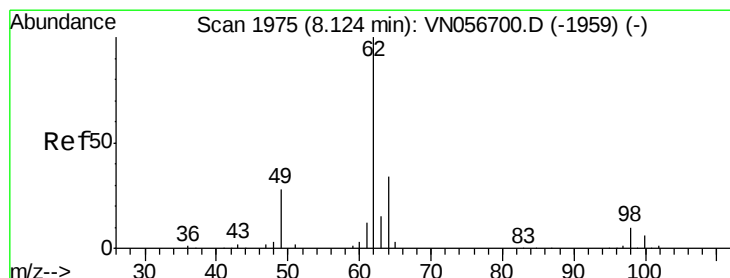
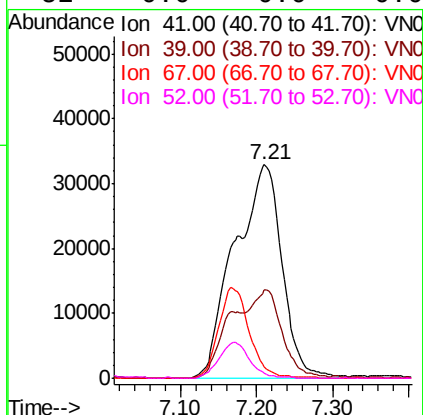
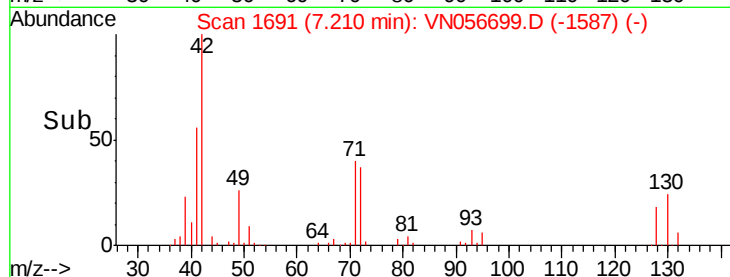
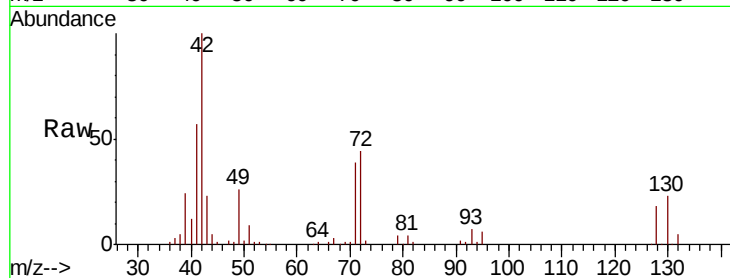




#41
Methacrylonitrile
Concen: 72.088 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.04 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

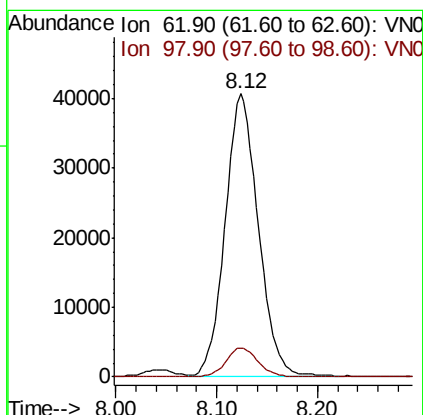
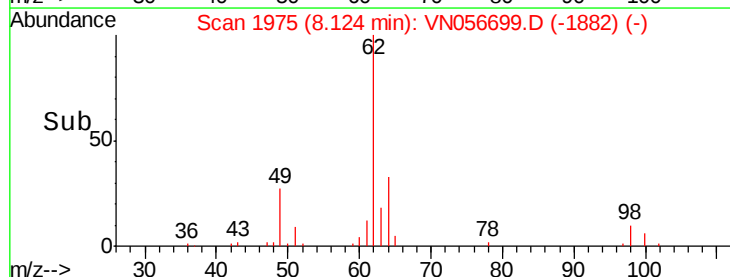
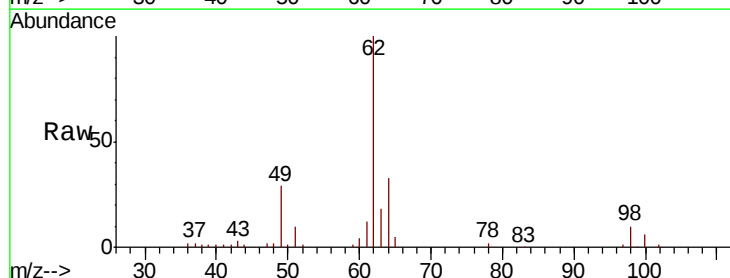
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

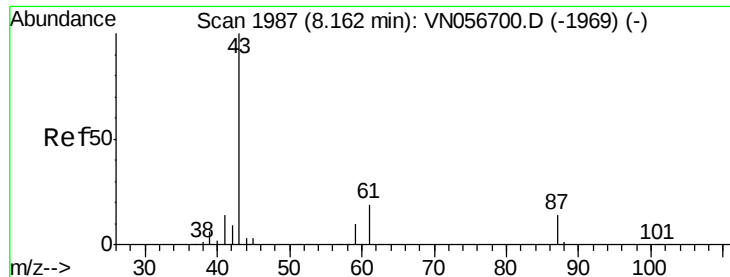
Tot Ion:	41	Resp:	142914
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.017 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

Tgt Ion:	62	Resp:	93276
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.8





#43

Isopropyl Acetate

Concen: 21.128 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

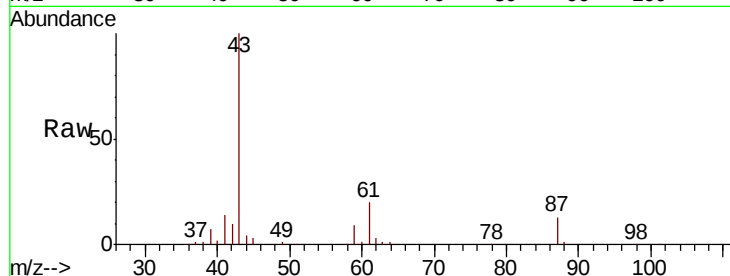
Tot Ion: 43 Resp: 148295

Ion Ratio Lower Upper

43 100

61 28.1 22.3 33.5

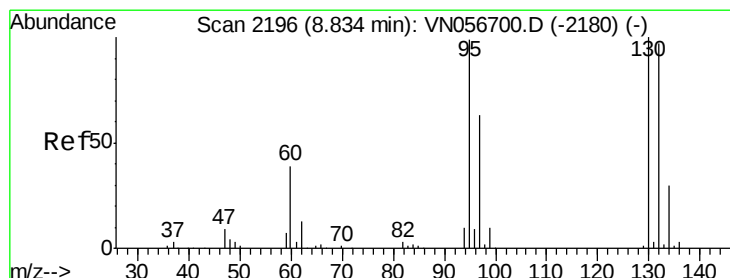
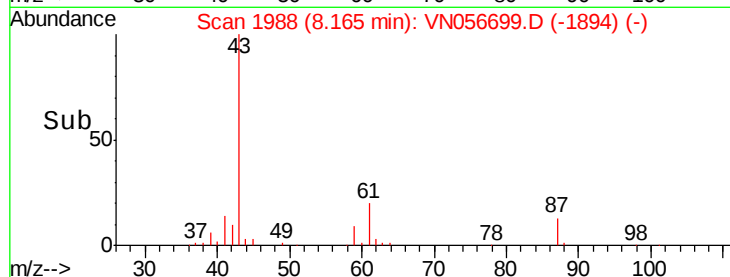
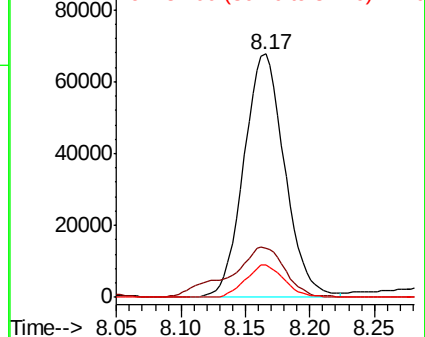
87 12.9 11.1 16.7



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) (-)



#44

Trichloroethene

Concen: 20.372 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN056699.D

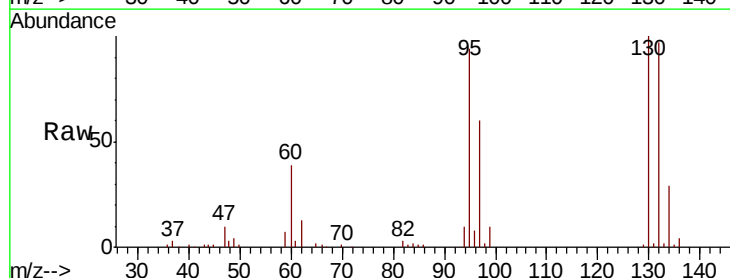
Acq: 15 Jul 2019 9:33

Tgt Ion: 130 Resp: 77528

Ion Ratio Lower Upper

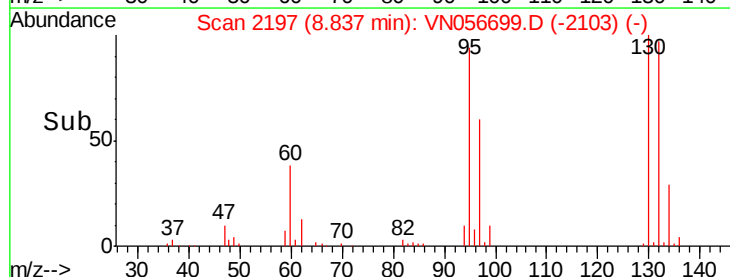
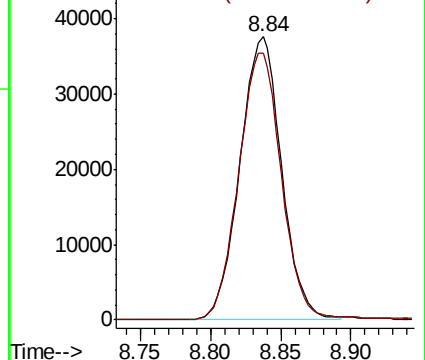
130 100

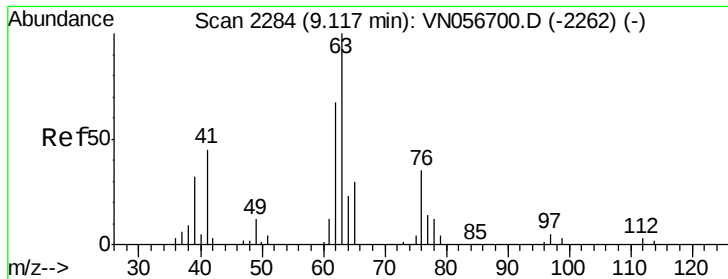
95 94.1 0.0 197.2



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

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





#45

1,2-Dichloropropane

Concen: 20.273 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

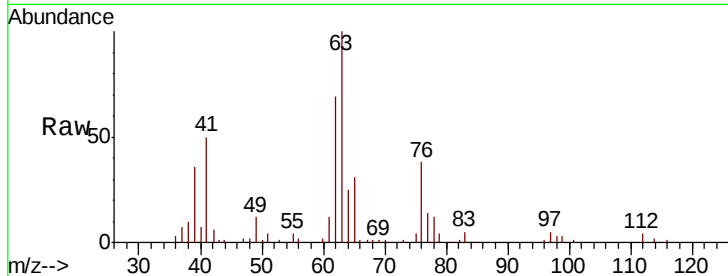
VSTDIC020

Tot Ion: 63 Resp: 76850

Ion Ratio Lower Upper

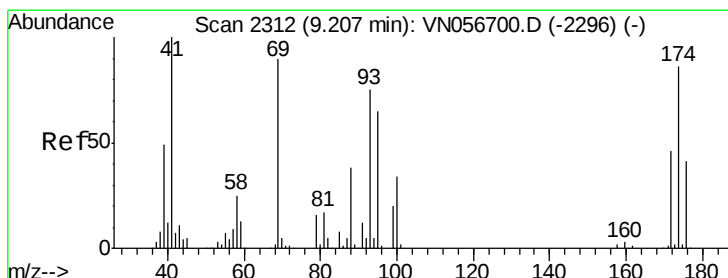
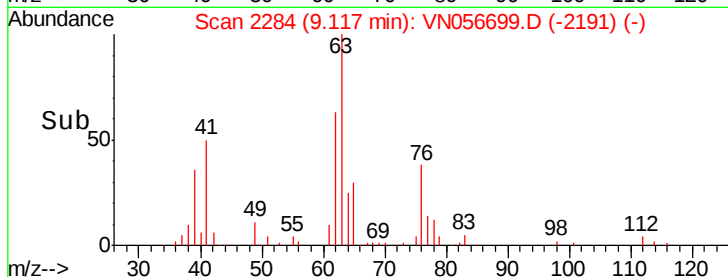
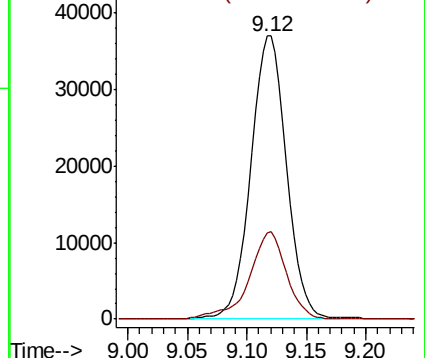
63 100

65 30.7 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VN056699.D (-2191) (-)

Ion 64.90 (64.60 to 65.60): VN056699.D (-2191) (-)



#46

Dibromomethane

Concen: 20.776 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

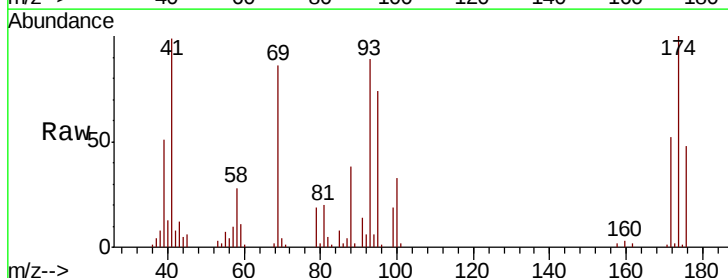
Tgt Ion: 93 Resp: 49219

Ion Ratio Lower Upper

93 100

95 83.9 67.4 101.0

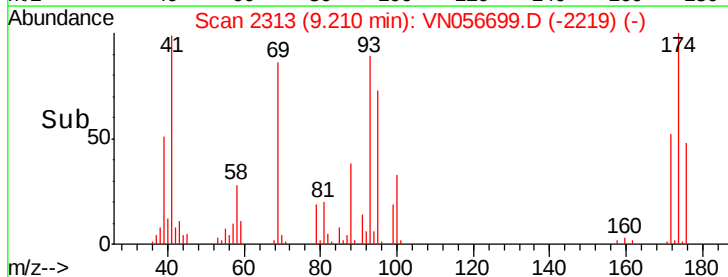
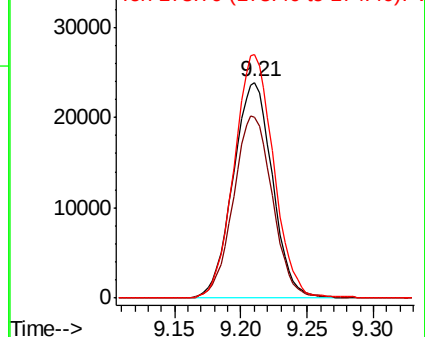
174 113.2 90.3 135.5

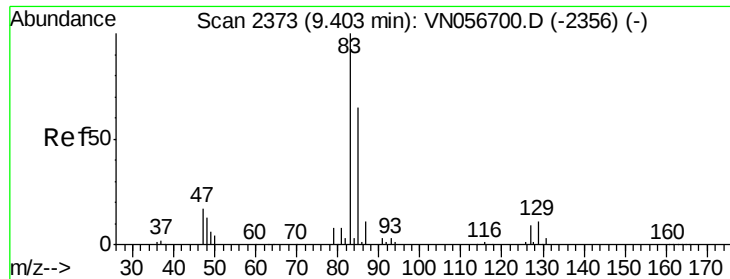


Abundance Ion 92.80 (92.50 to 93.50): VN056699.D (-2219) (-)

Ion 94.80 (94.50 to 95.50): VN056699.D (-2219) (-)

Ion 173.70 (173.40 to 174.40): VN056699.D (-2219) (-)





#47

Bromodichloromethane

Concen: 21.272 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

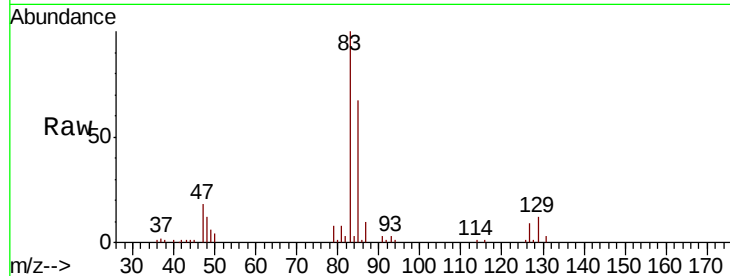
Tot Ion: 83 Resp: 90168

Ion Ratio Lower Upper

83 100

85 67.3 52.3 78.5

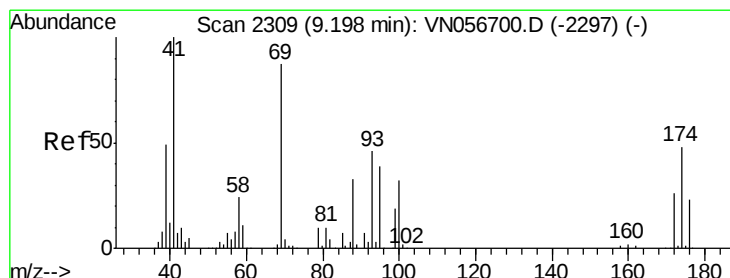
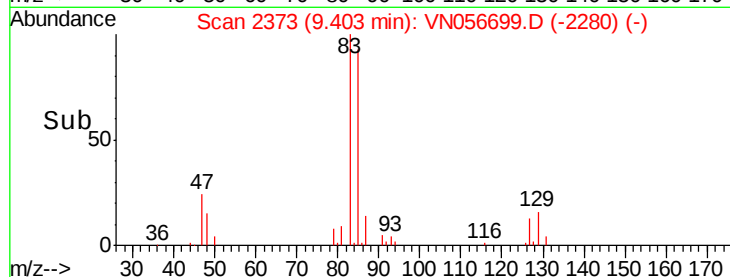
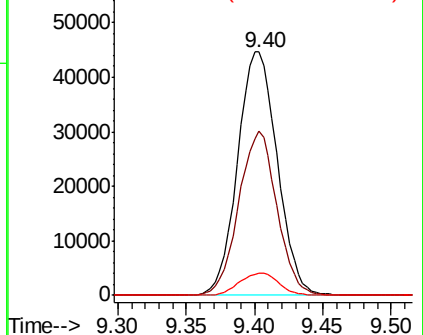
127 9.2 7.6 11.4



Abundance Ion 82.90 (82.60 to 83.60): VN056699.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056699.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056699.D (-2280) (-)



#48

Methyl methacrylate

Concen: 20.483 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

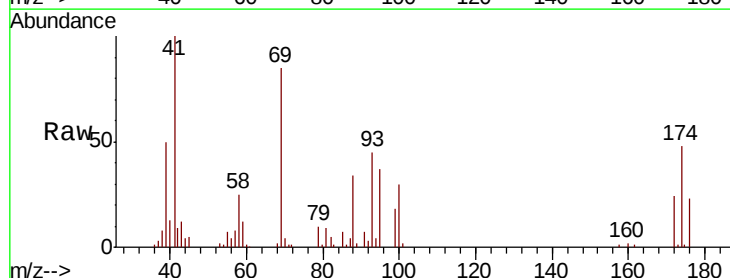
Tgt Ion: 41 Resp: 72173

Ion Ratio Lower Upper

41 100

69 88.5 71.4 107.0

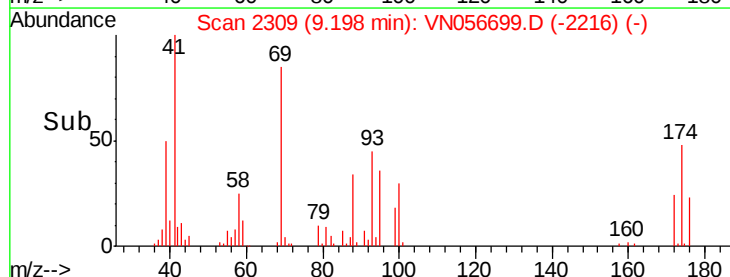
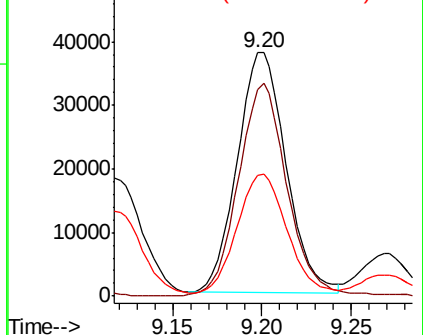
39 52.4 41.2 61.8

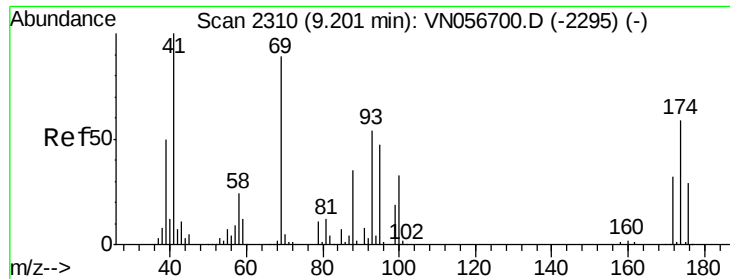


Abundance Ion 41.00 (40.70 to 41.70): VN056699.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056699.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056699.D (-2216) (-)





#49

1,4-Dioxane

Concen: 404.550 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

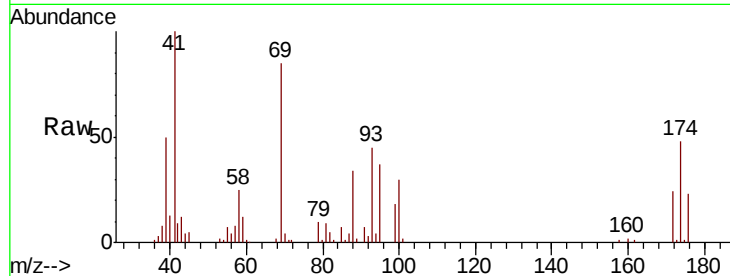
Tot Ion: 88 Resp: 29351

Ion Ratio Lower Upper

88 100

43 29.1 23.7 35.5

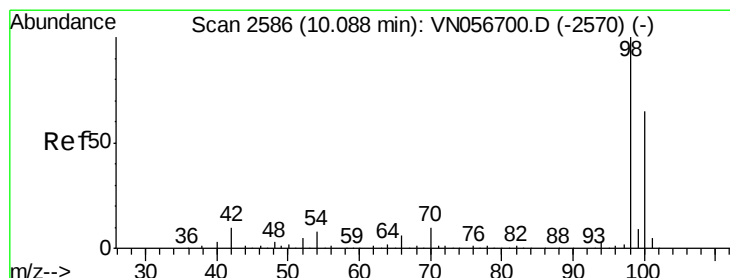
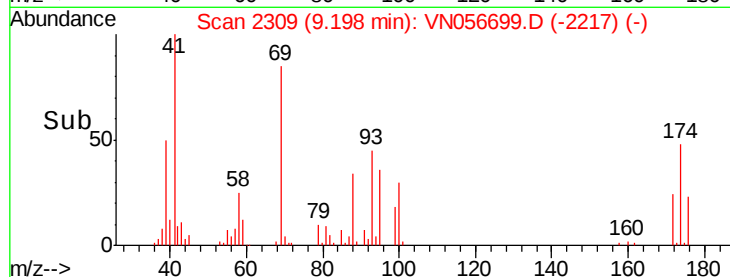
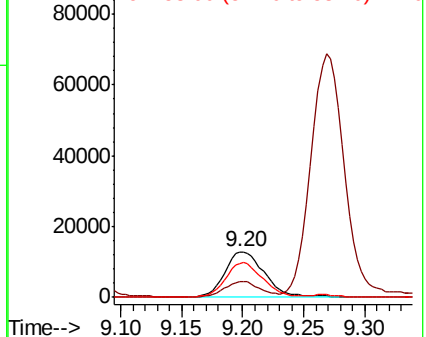
58 70.5 55.6 83.4



Abundance Ion 88.00 (87.70 to 88.70): VN056699.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN056699.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN056699.D (-2217) (-)



#50

Toluene-d8

Concen: 20.472 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056699.D

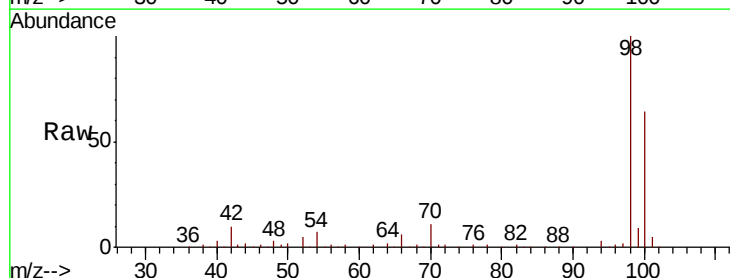
Acq: 15 Jul 2019 9:33

Tgt Ion: 98 Resp: 257464

Ion Ratio Lower Upper

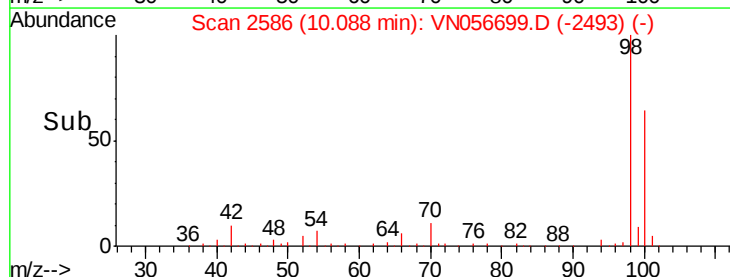
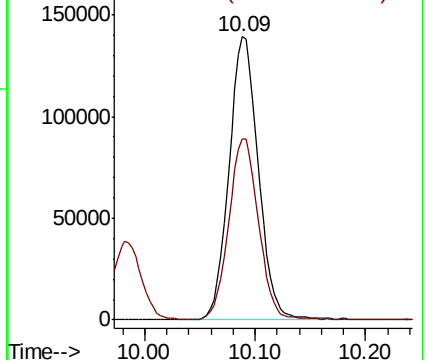
98 100

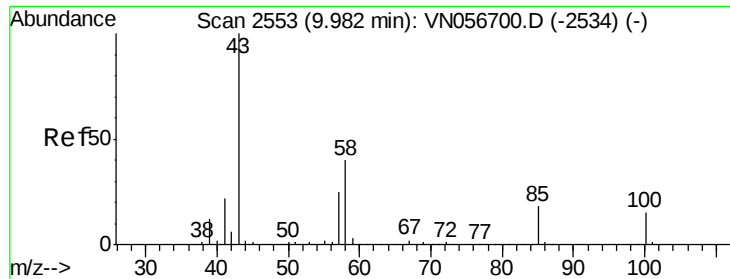
100 64.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN056699.D (-2493) (-)

Ion 100.00 (99.70 to 100.70): VN056699.D (-2493) (-)





#51

4-Methyl-2-Pentanone

Concen: 107.567 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

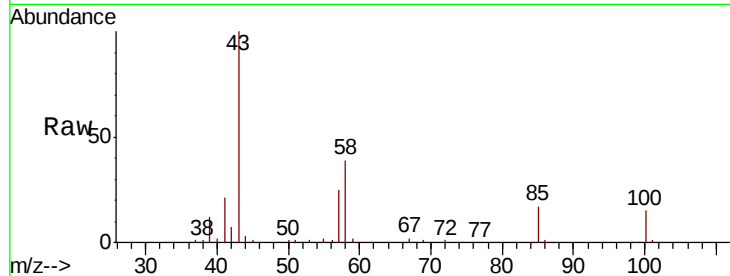
VSTDIC020

Tot Ion: 43 Resp: 487518

Ion Ratio Lower Upper

43 100

58 39.0 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VN056700.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN056700.D (-2534) (-)

9.98

250000

200000

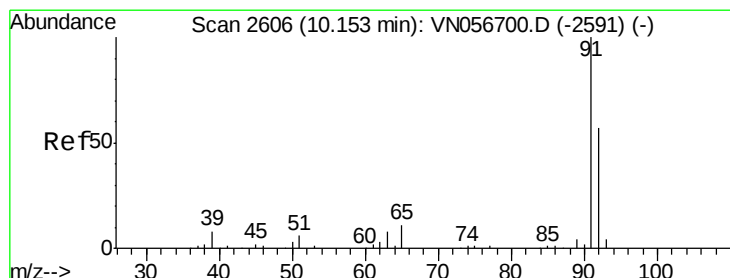
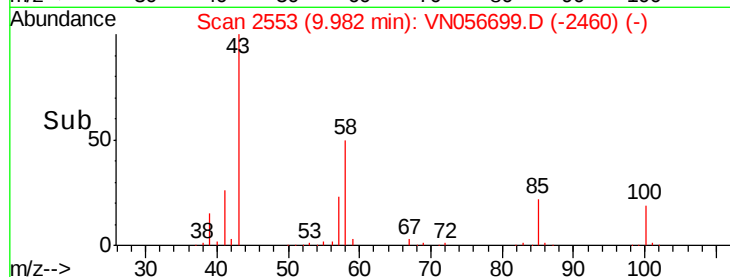
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.174 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056699.D

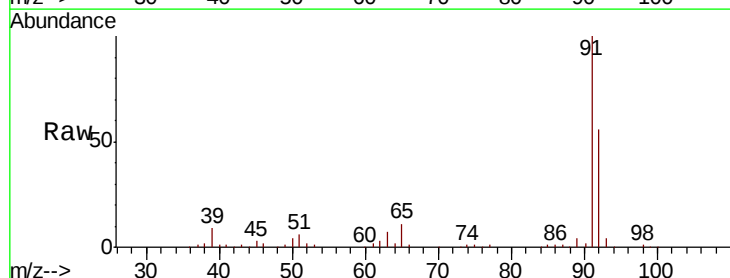
Acq: 15 Jul 2019 9:33

Tgt Ion: 92 Resp: 174779

Ion Ratio Lower Upper

92 100

91 176.3 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN056700.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN056700.D (-2591) (-)

10.16

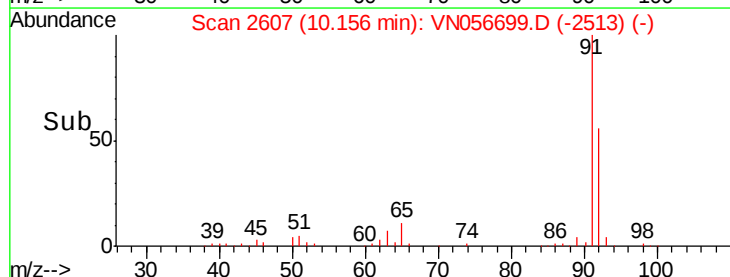
150000

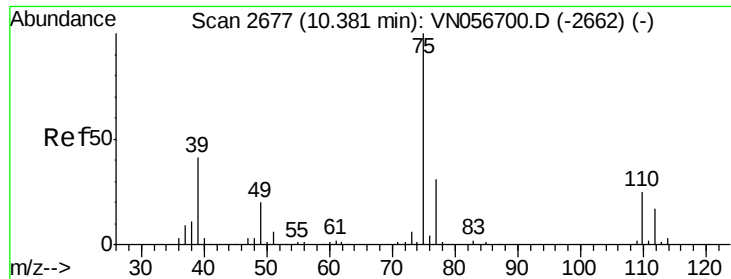
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 22.100 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

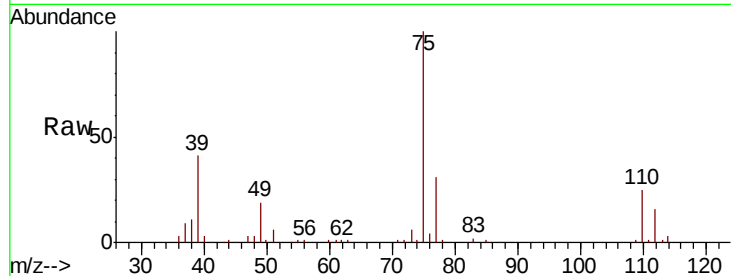
VSTDIC020

Tot Ion: 75 Resp: 94796

Ion Ratio Lower Upper

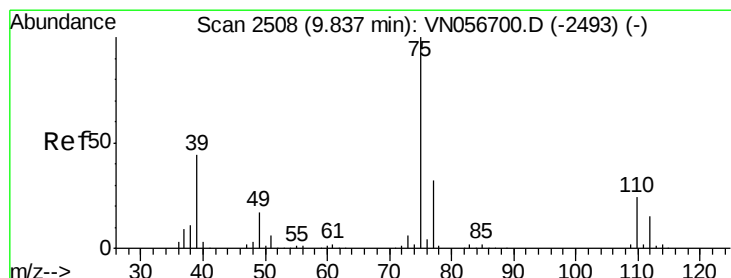
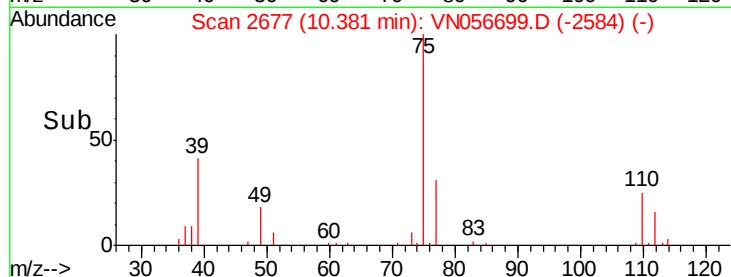
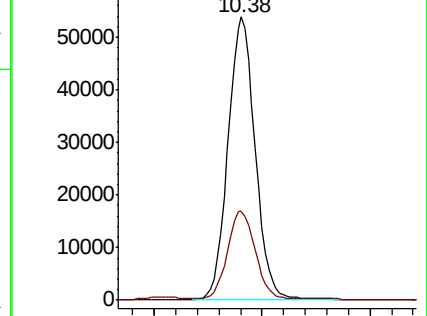
75 100

77 31.1 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 21.498 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

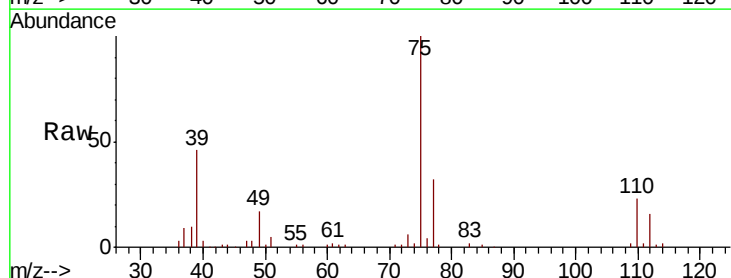
Tgt Ion: 75 Resp: 109449

Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0

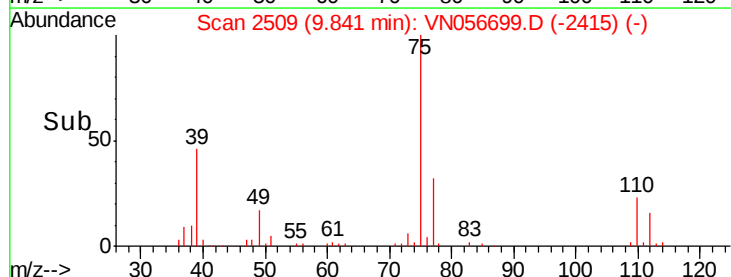
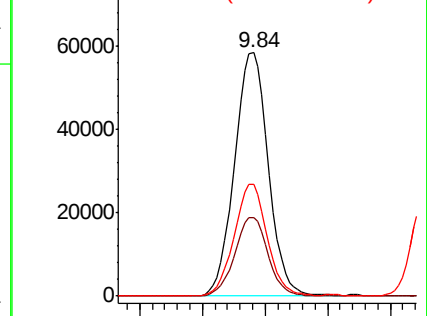
39 45.7 35.1 52.7

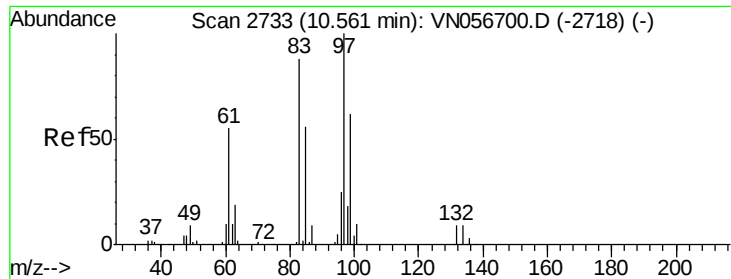


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 21.081 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

Tot Ion: 97 Resp: 73307

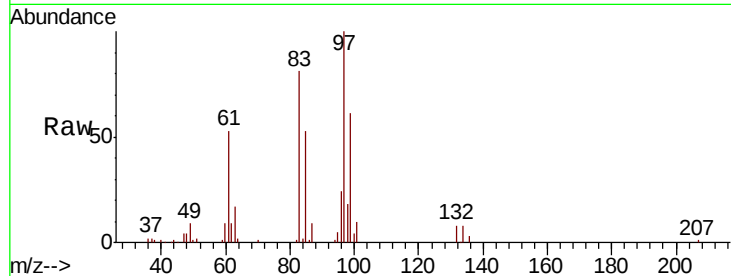
Ion Ratio Lower Upper

97 100

83 81.5 70.3 105.5

85 53.2 44.8 67.2

99 61.0 49.6 74.4

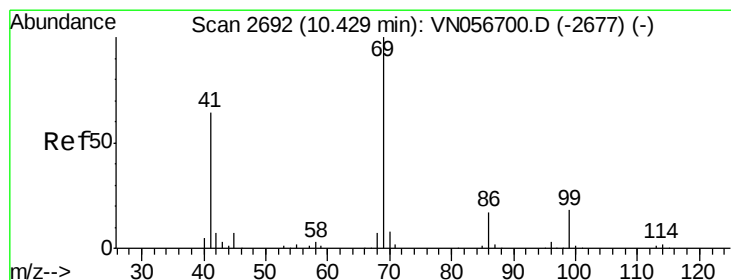
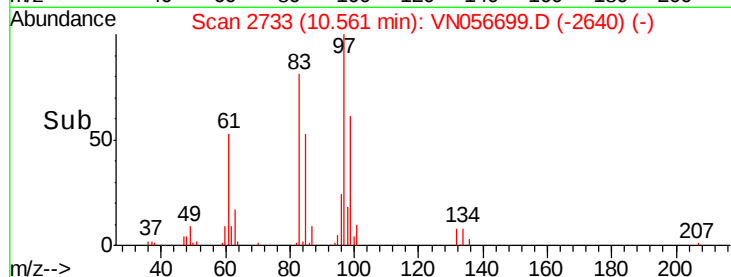
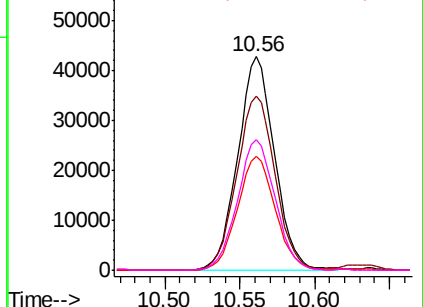


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 20.926 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

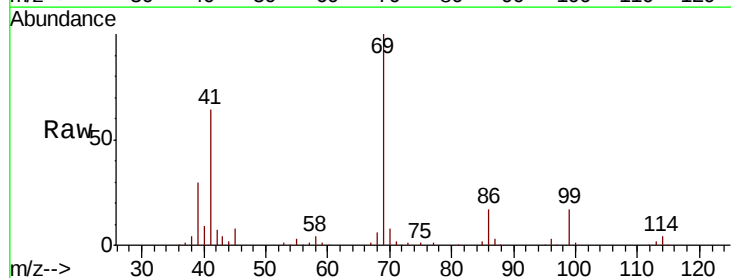
Tgt Ion: 69 Resp: 107122

Ion Ratio Lower Upper

69 100

41 64.5 51.0 76.4

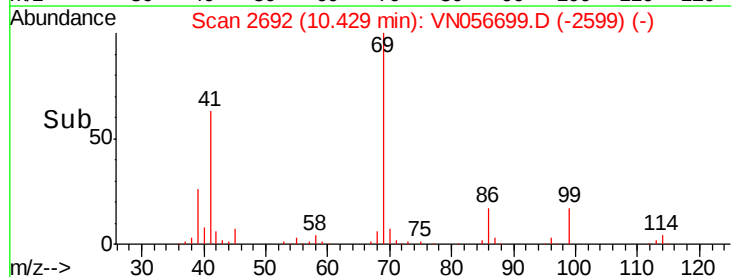
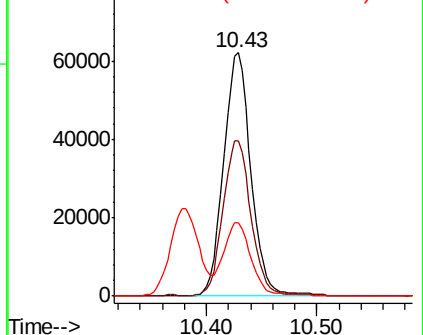
39 29.7 24.6 36.8

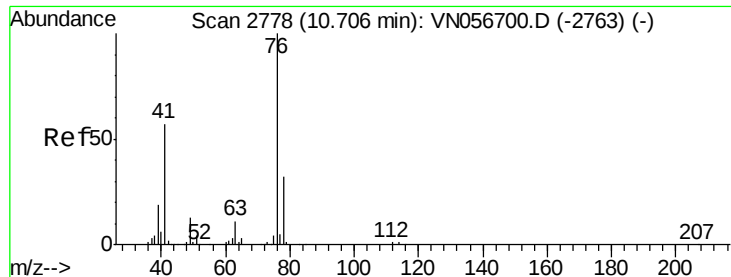


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.746 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

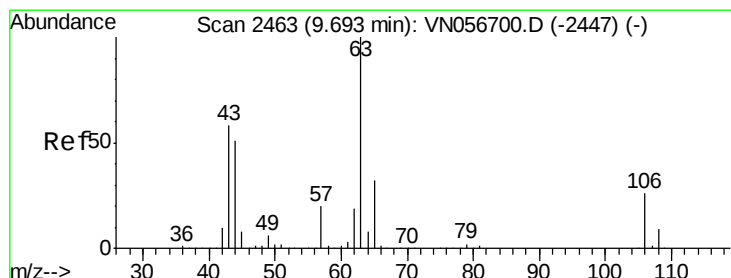
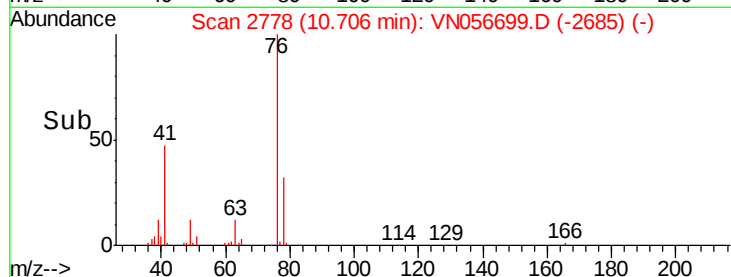
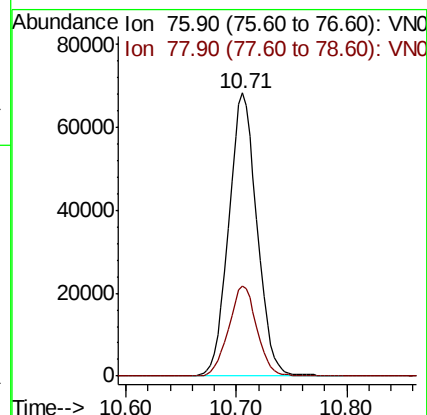
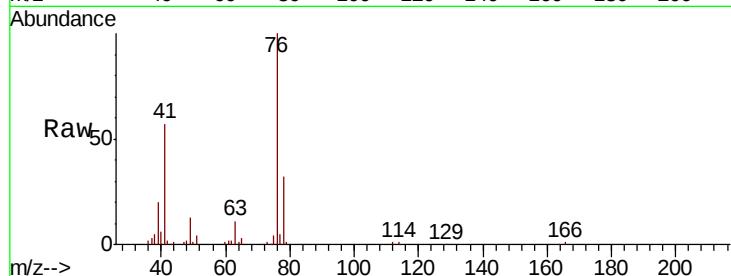
VSTDIC020

Tot Ion: 76 Resp: 121075

Ion Ratio Lower Upper

76 100

78 31.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 129.735 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN056699.D

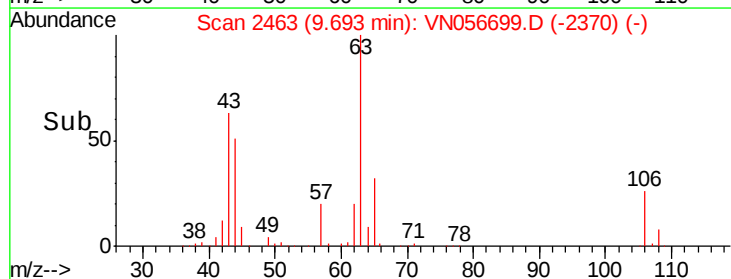
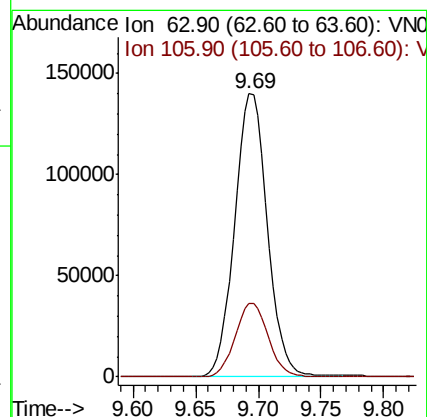
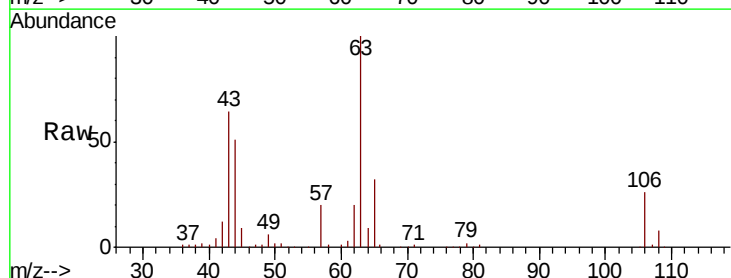
Acq: 15 Jul 2019 9:33

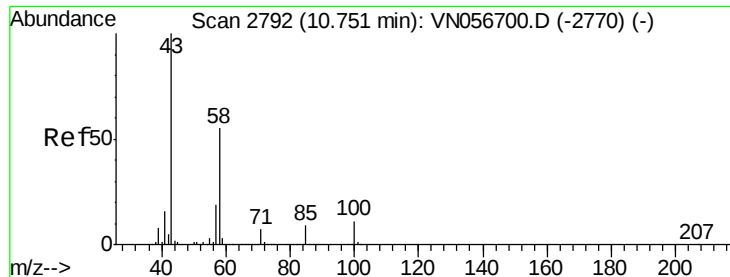
Tgt Ion: 63 Resp: 254353

Ion Ratio Lower Upper

63 100

106 26.3 21.2 31.8

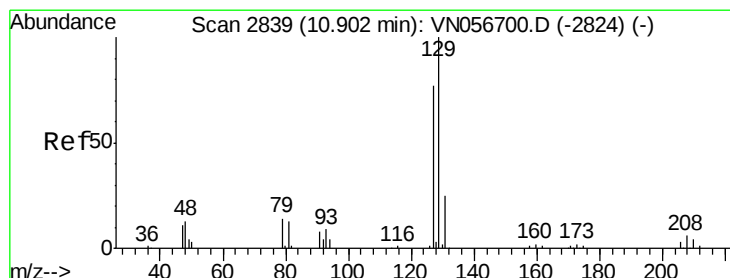
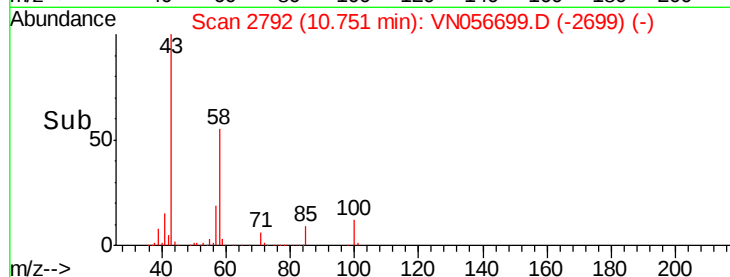
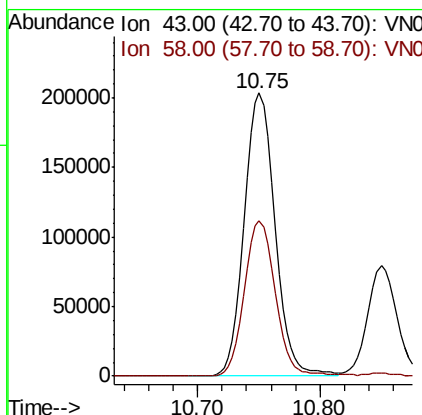
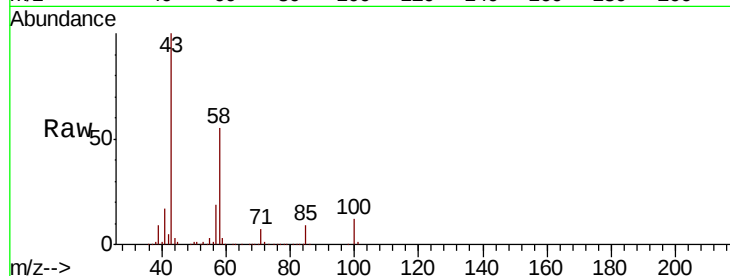




#59
2-Hexanone
Concen: 105.735 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

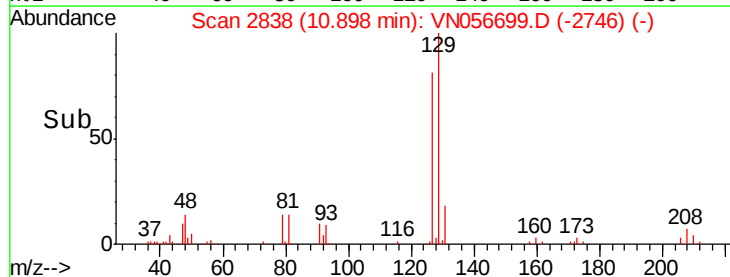
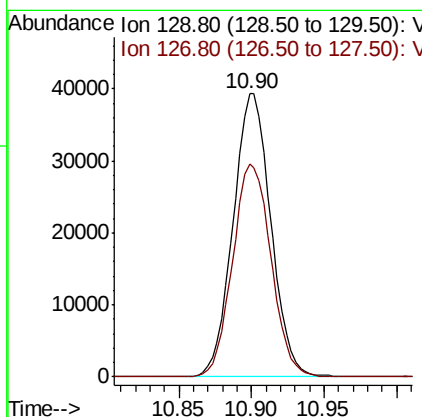
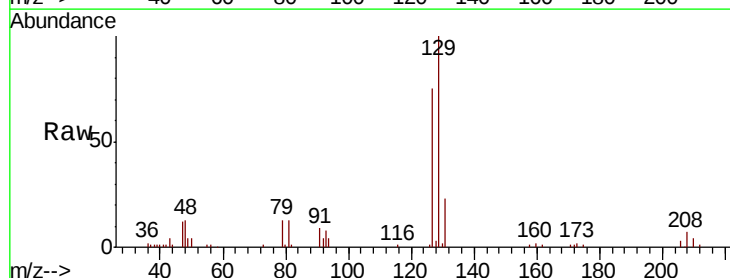
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

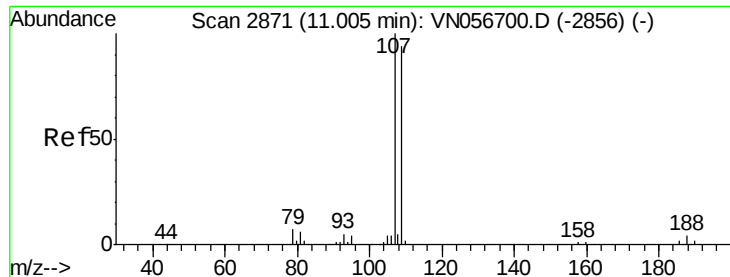
Tot Ion: 43 Resp: 353388
Ion Ratio Lower Upper
43 100
58 55.3 27.9 83.6



#60
Dibromochloromethane
Concen: 22.221 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

Tgt Ion: 129 Resp: 71134
Ion Ratio Lower Upper
129 100
127 76.5 38.2 114.6





#61

1,2-Dibromoethane

Concen: 20.340 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

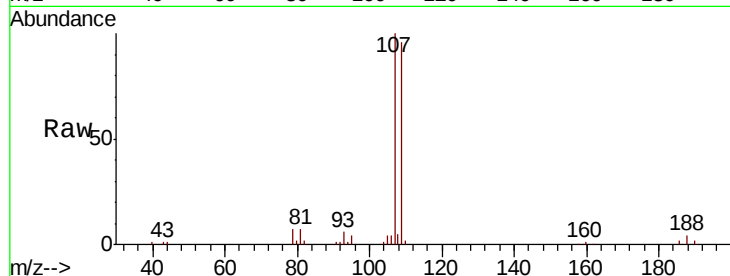
VSTDIC020

Tot Ion:107 Resp: 72234

Ion Ratio Lower Upper

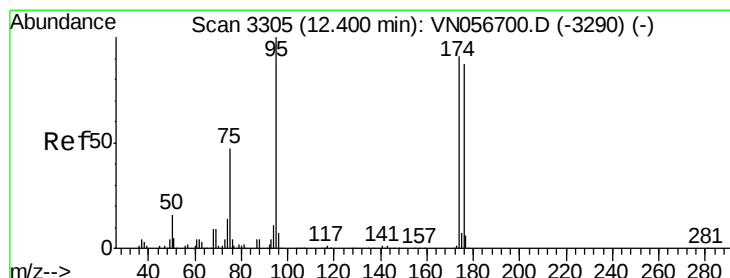
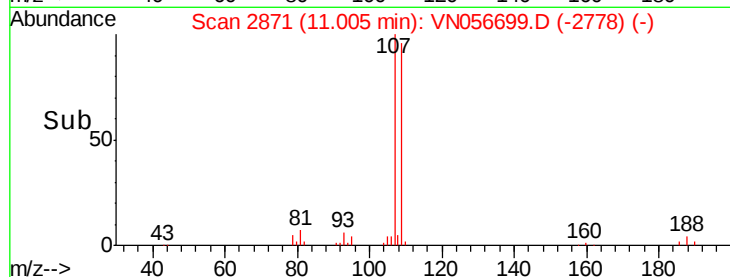
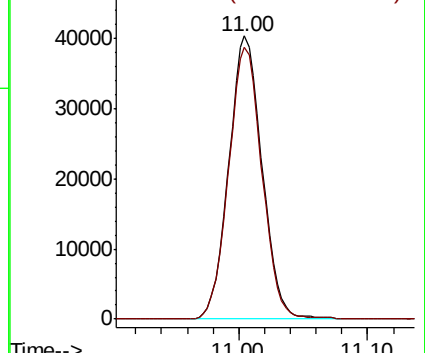
107 100

109 96.5 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: 19.916 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

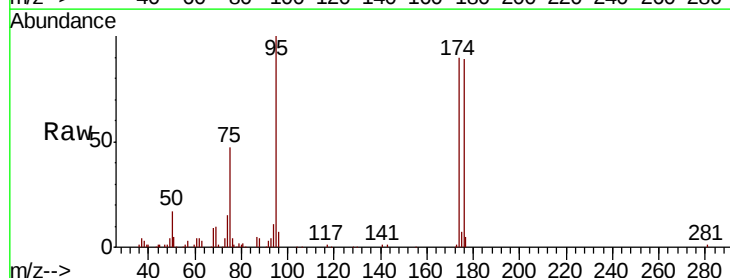
Tgt Ion: 95 Resp: 83652

Ion Ratio Lower Upper

95 100

174 88.9 0.0 180.0

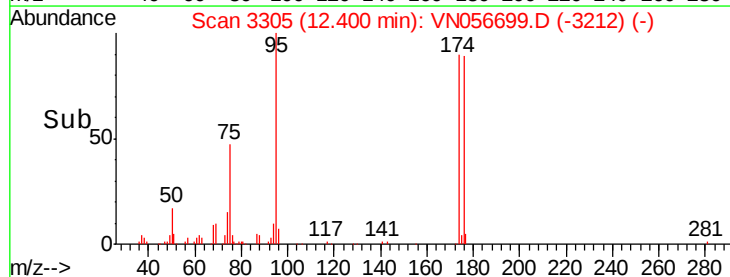
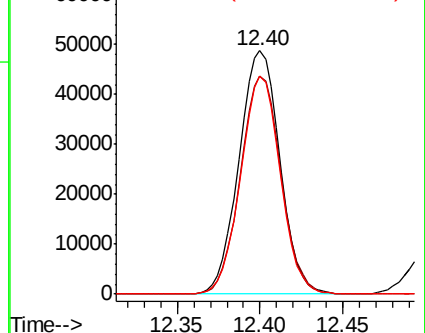
176 86.9 0.0 173.2

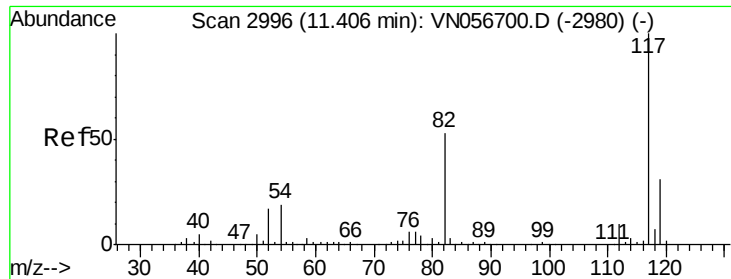


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

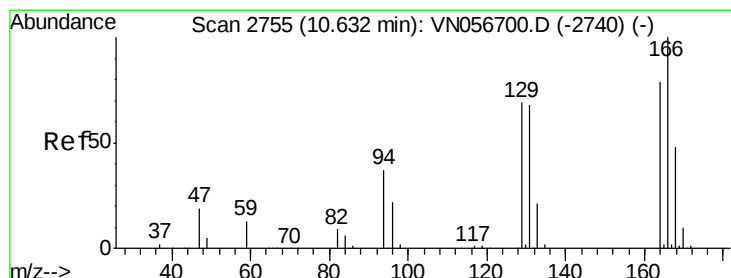
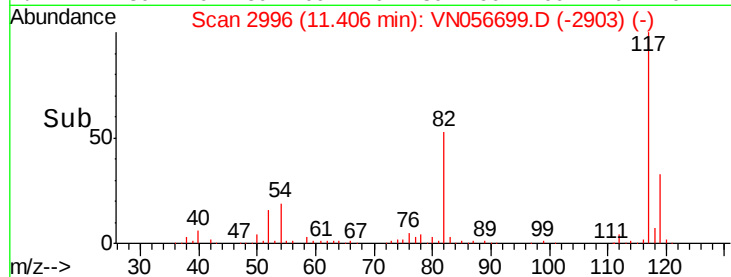
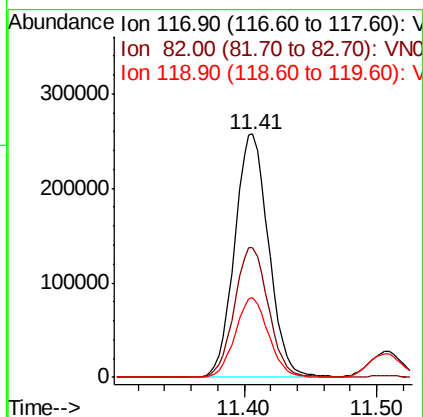
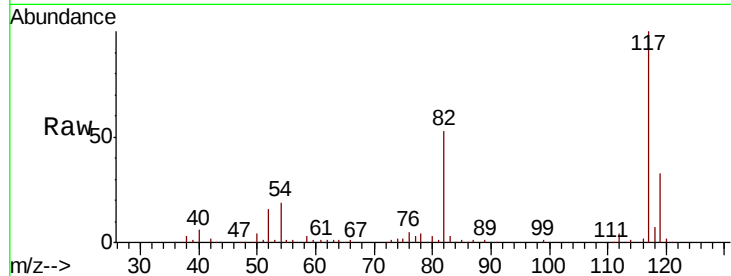




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

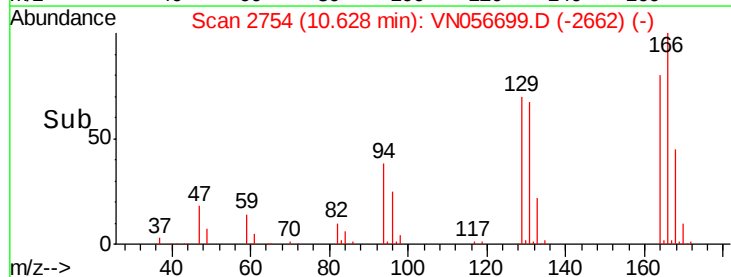
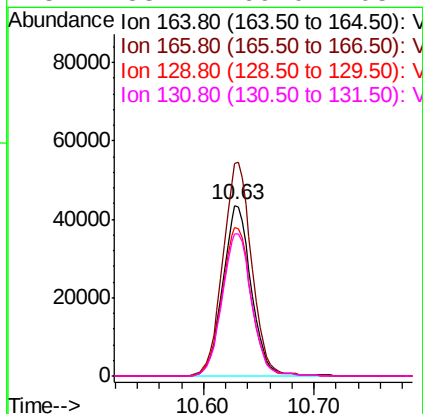
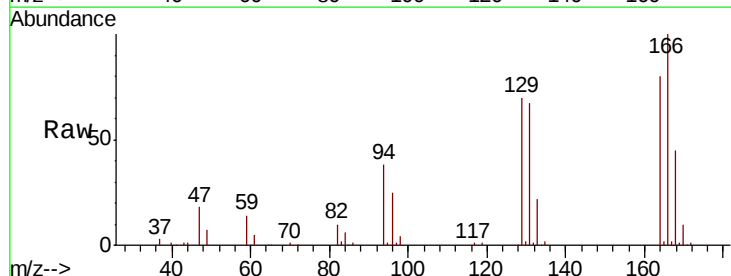
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

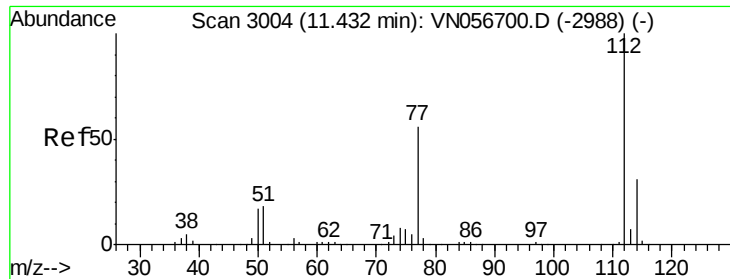
Tot Ion:117 Resp: 457163
Ion Ratio Lower Upper
117 100
82 53.4 42.2 63.2
119 32.7 25.2 37.8



#64
Tetrachloroethene
Concen: 21.337 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

Tgt Ion:164 Resp: 77956
Ion Ratio Lower Upper
164 100
166 124.4 101.4 152.2
129 87.2 69.6 104.4
131 83.7 69.0 103.4

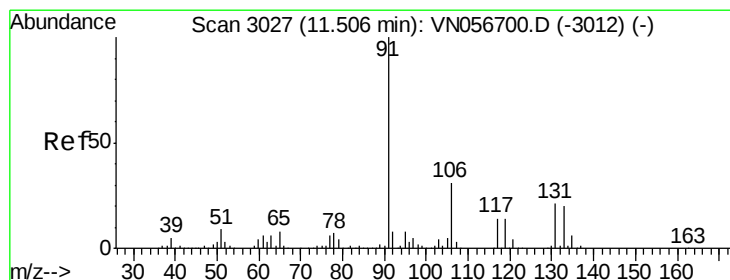
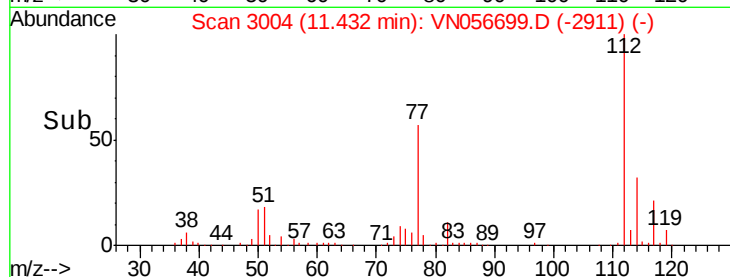
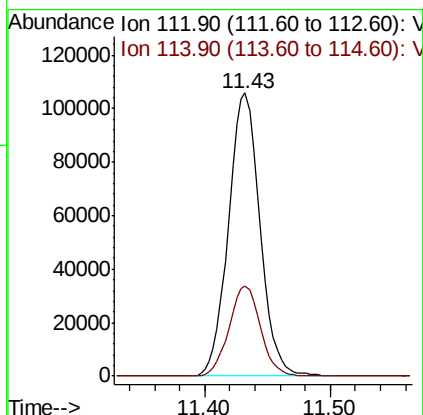
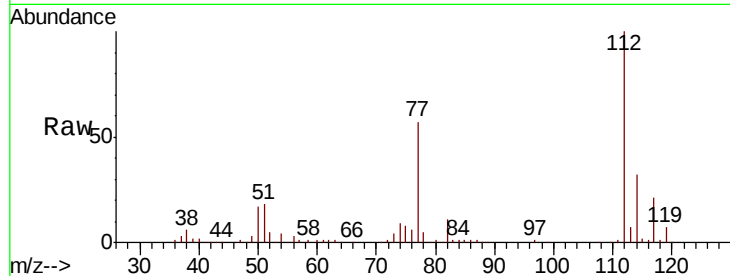




#65
Chlorobenzene
Concen: 20.062 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

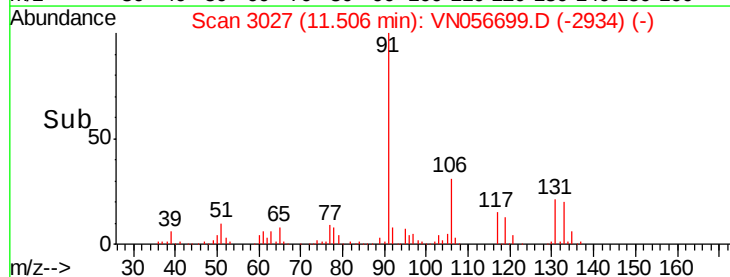
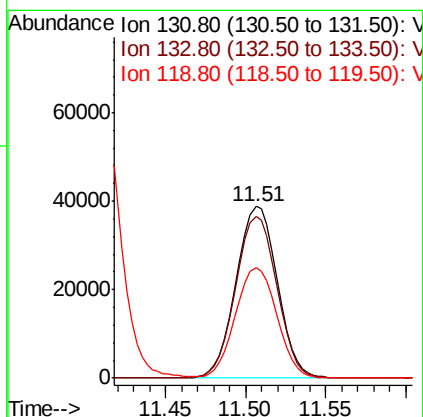
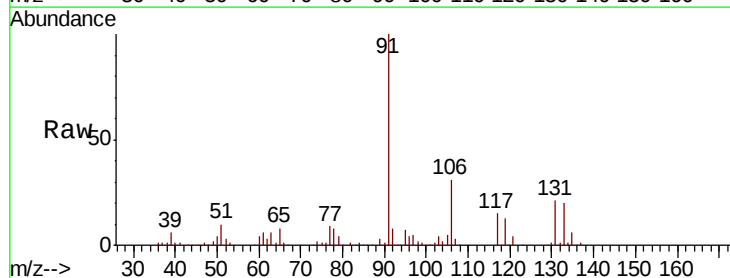
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

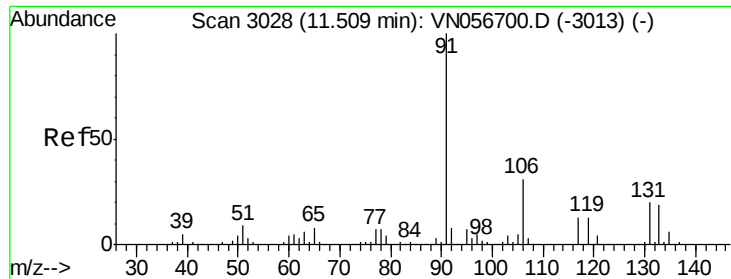
Tot Ion:112 Resp: 184499
Ion Ratio Lower Upper
112 100
114 31.8 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.768 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

Tgt Ion:131 Resp: 68359
Ion Ratio Lower Upper
131 100
133 94.6 46.9 140.7
119 64.9 32.8 98.3

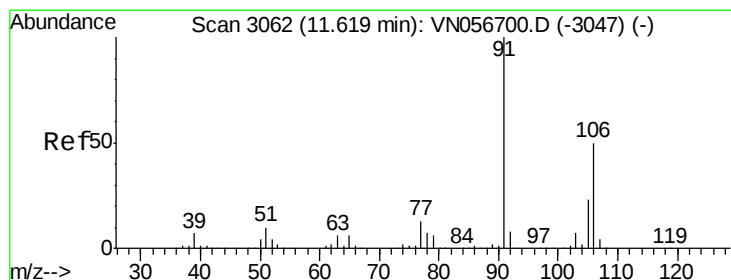
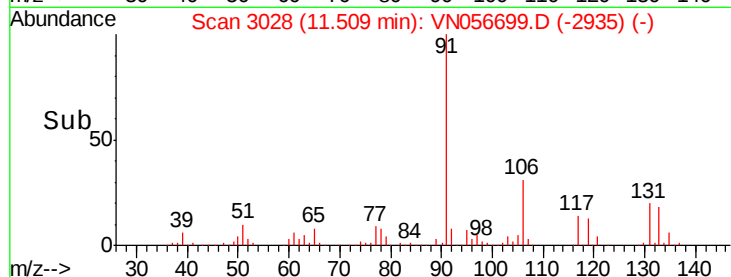
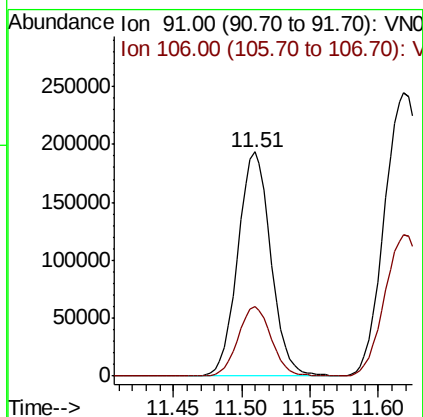
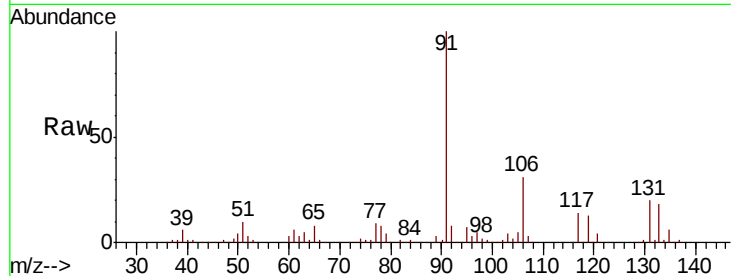




#67
Ethyl Benzene
Concen: 20.092 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

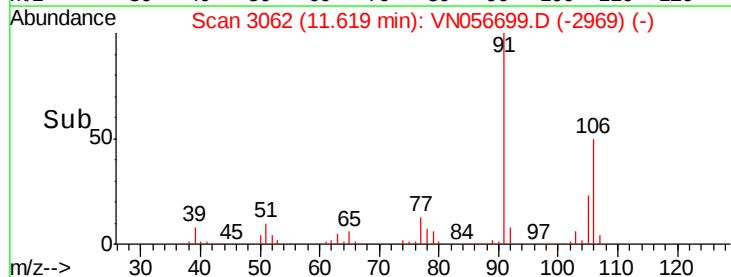
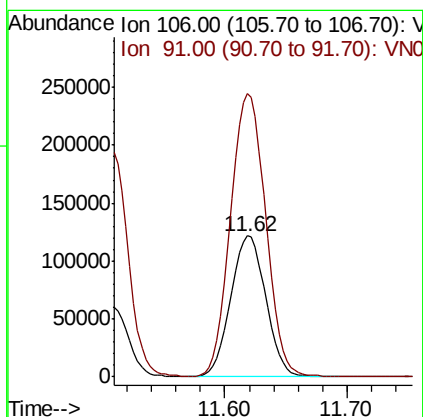
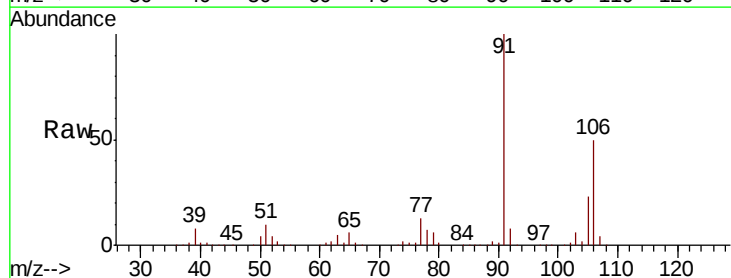
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

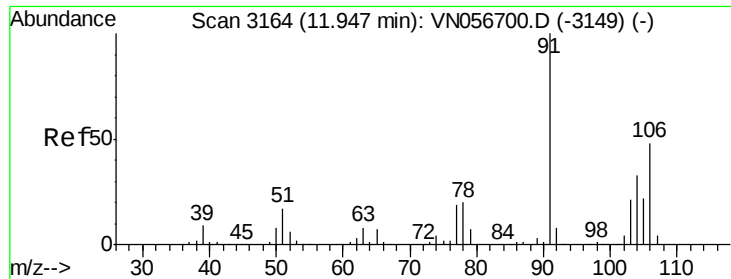
Tot Ion: 91 Resp: 325179
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2



#68
m/p-Xylenes
Concen: 40.968 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

Tgt Ion: 106 Resp: 243157
Ion Ratio Lower Upper
106 100
91 201.8 160.5 240.7

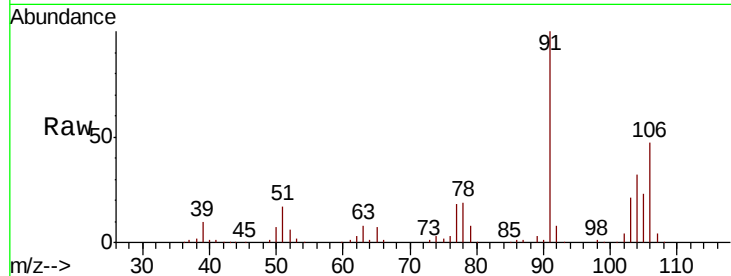




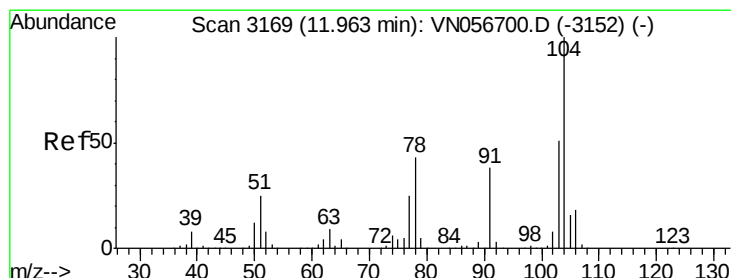
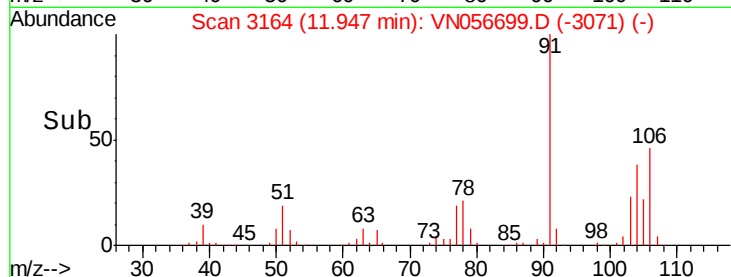
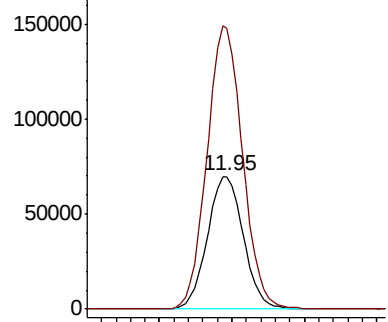
#69
o-Xylene
Concen: 20.472 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion:106 Resp: 120188
Ion Ratio Lower Upper
106 100
91 211.0 105.6 316.8

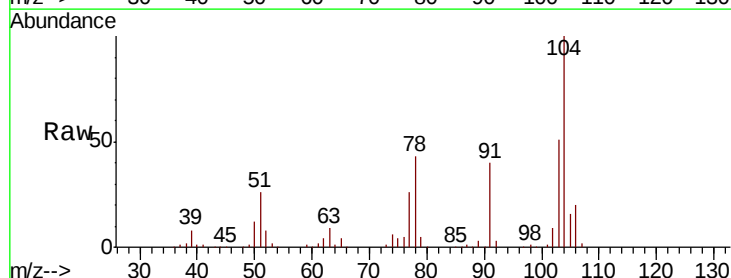


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

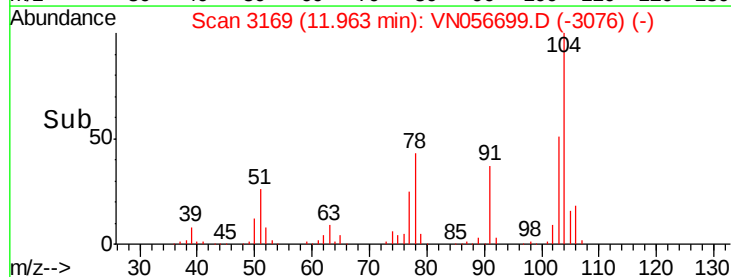
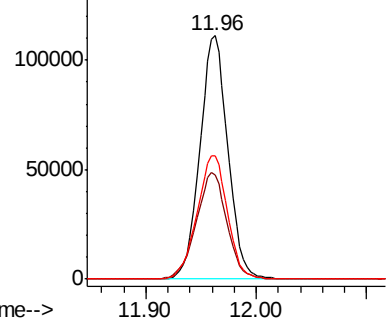


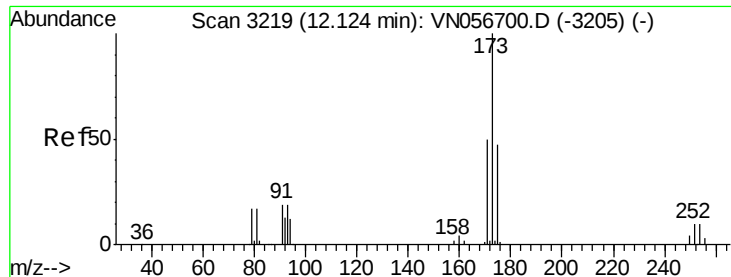
#70
Styrene
Concen: 20.787 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

Tgt Ion:104 Resp: 195234
Ion Ratio Lower Upper
104 100
78 47.7 38.6 57.8
103 55.1 44.2 66.4



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

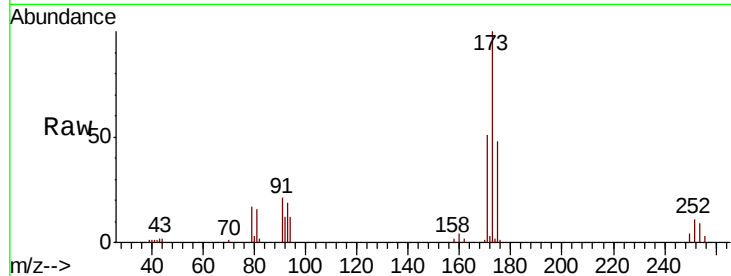




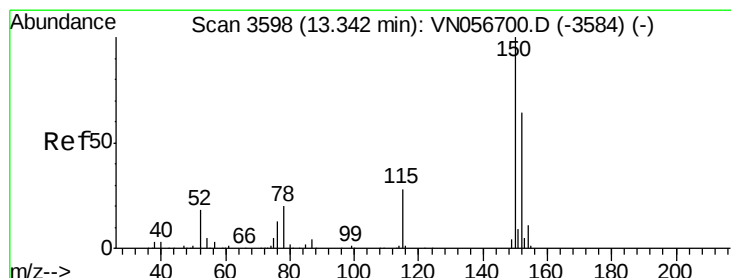
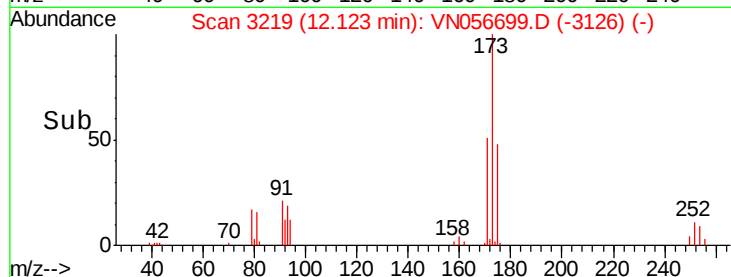
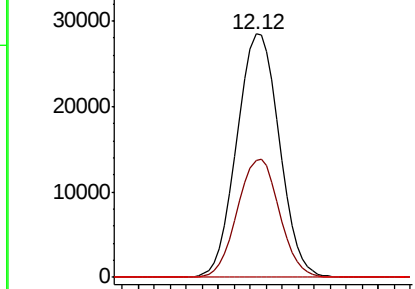
#71
Bromoform
Concen: 23.188 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion:173 Resp: 51635
Ion Ratio Lower Upper
173 100
175 48.1 23.8 71.4
254 0.0 0.0 0.0

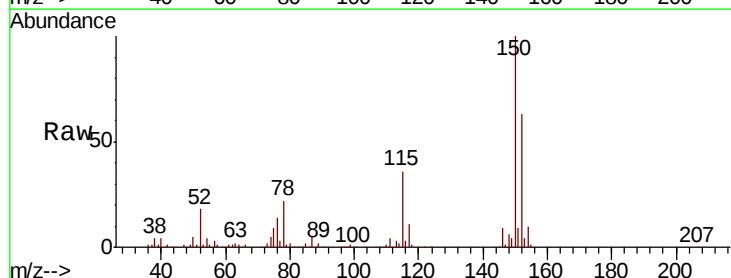


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

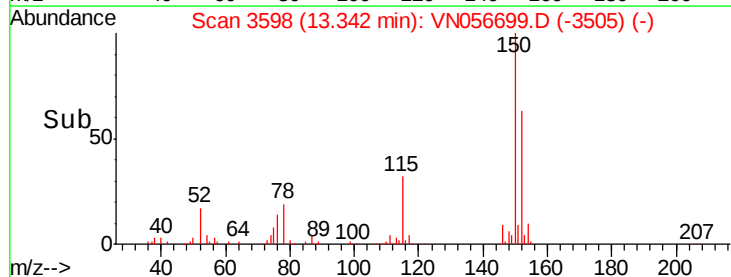
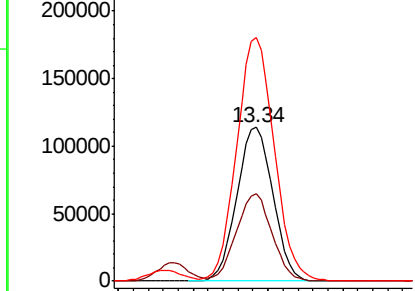


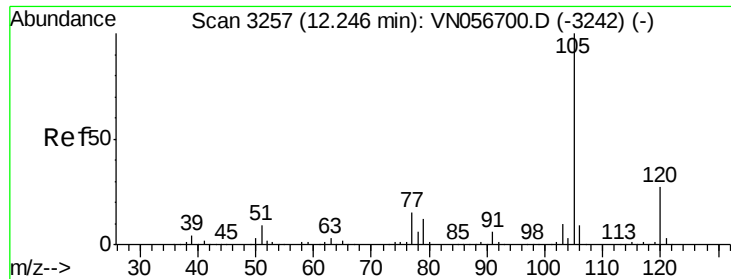
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

Tgt Ion:152 Resp: 191234
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 164.9 0.0 345.8



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





#73

Isopropylbenzene

Concen: 18.667 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

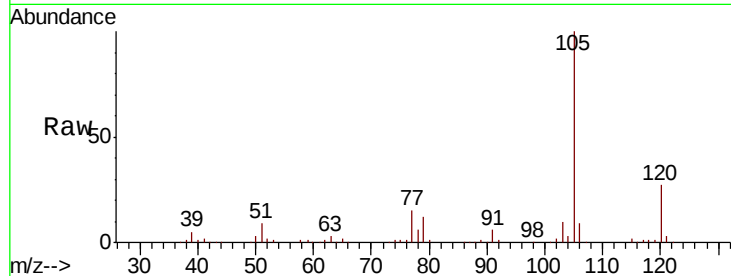
VSTDIC020

Tot Ion:105 Resp: 312345

Ion Ratio Lower Upper

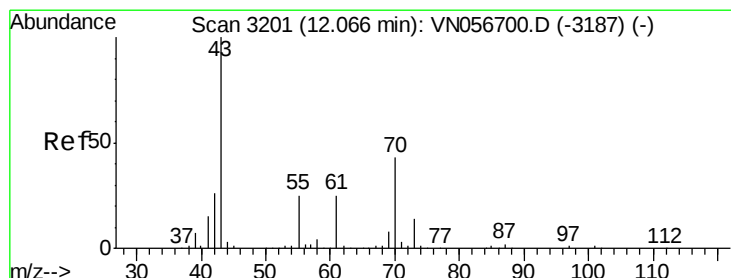
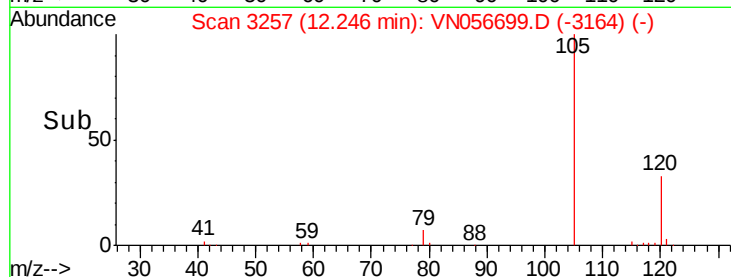
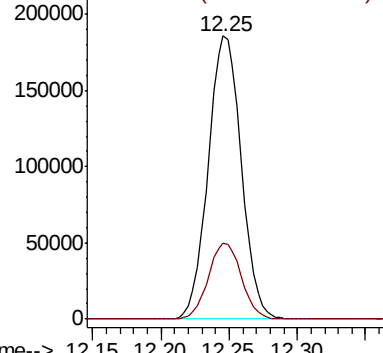
105 100

120 26.9 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: 18.723 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

Tgt Ion: 43 Resp: 113904

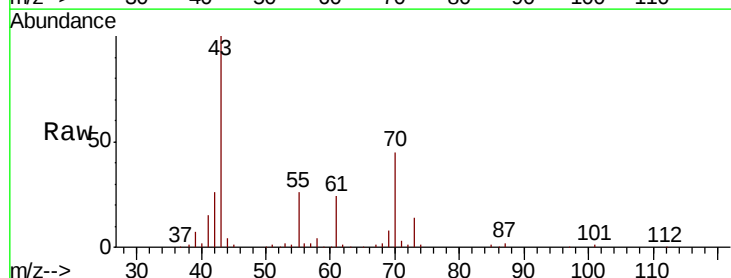
Ion Ratio Lower Upper

43 100

70 43.5 34.5 51.7

55 26.3 20.2 30.2

61 24.6 19.9 29.9

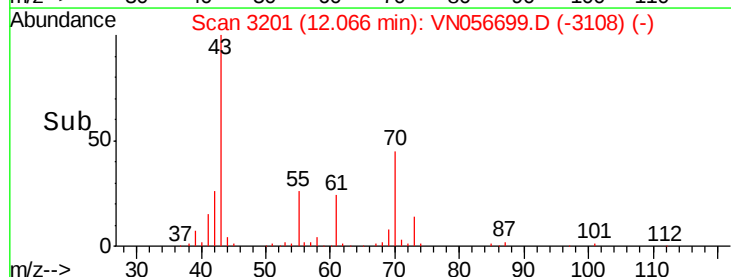
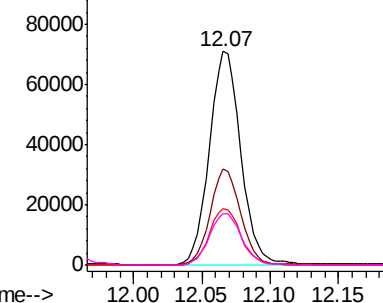


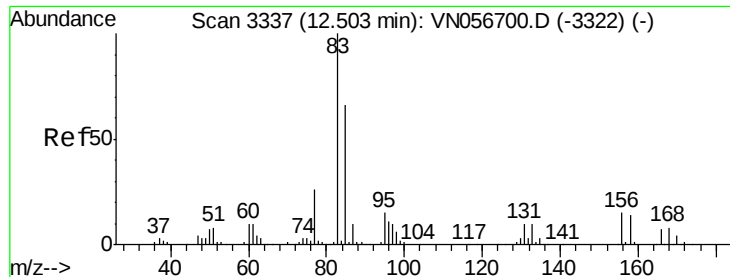
Abundance Ion 43.00 (42.70 to 43.70): V

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: 19.548 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

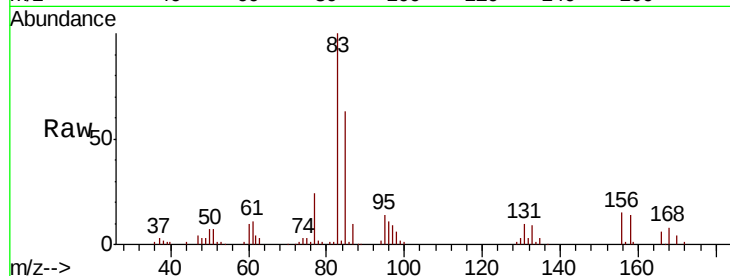
Tot Ion: 83 Resp: 102456

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.8

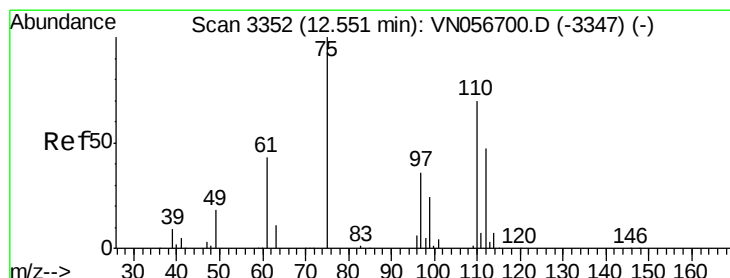
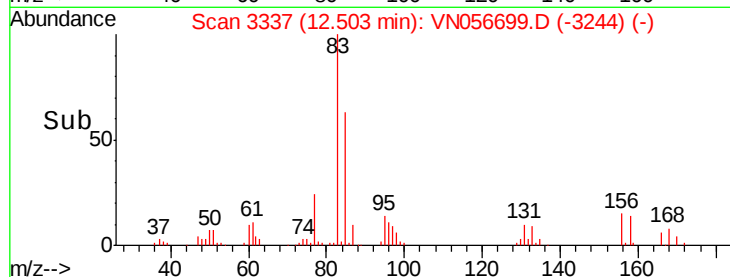
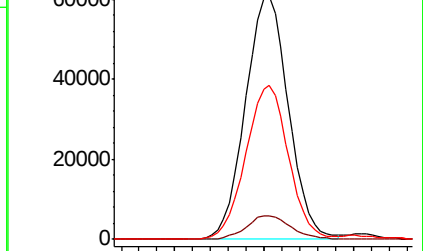
85 62.6 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VN056699.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN056699.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN056699.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 30.050 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN056699.D

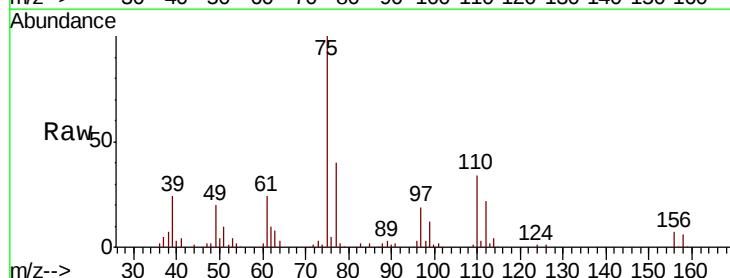
Acq: 15 Jul 2019 9:33

Tgt Ion: 75 Resp: 120753

Ion Ratio Lower Upper

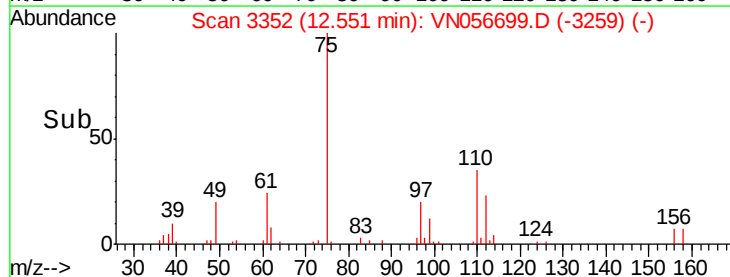
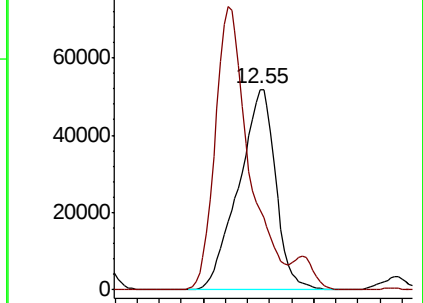
75 100

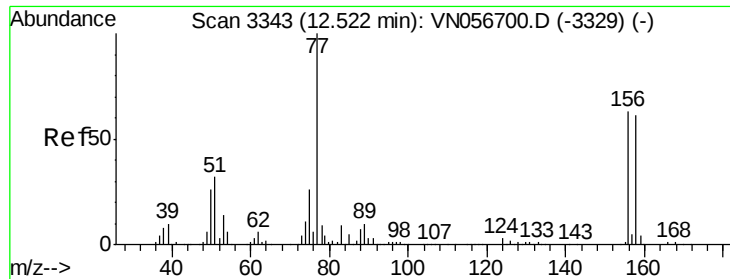
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056699.D (-3259) (-)

Ion 77.00 (76.70 to 77.70): VN056699.D (-3259) (-)





#77

Bromobenzene

Concen: 19.054 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

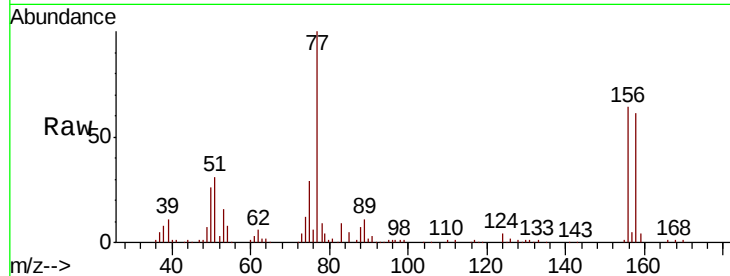
Tot Ion:156 Resp: 80920

Ion Ratio Lower Upper

156 100

77 192.7 97.2 291.6

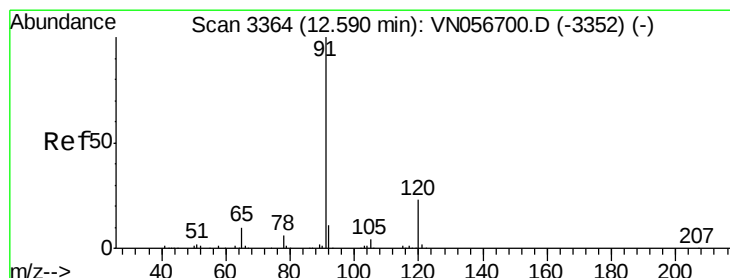
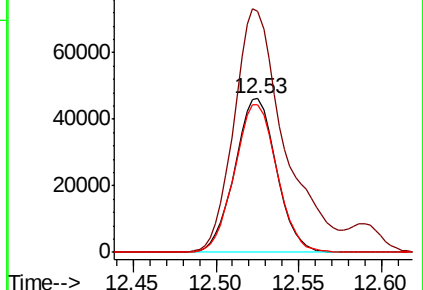
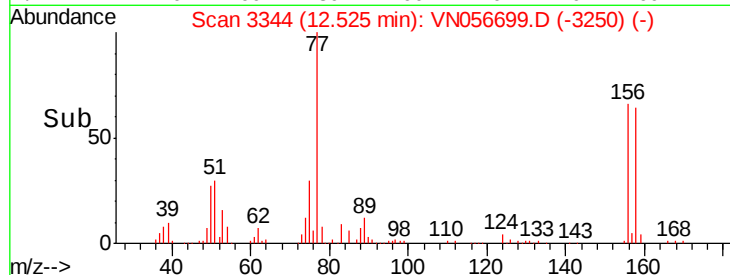
158 98.0 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.422 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056699.D

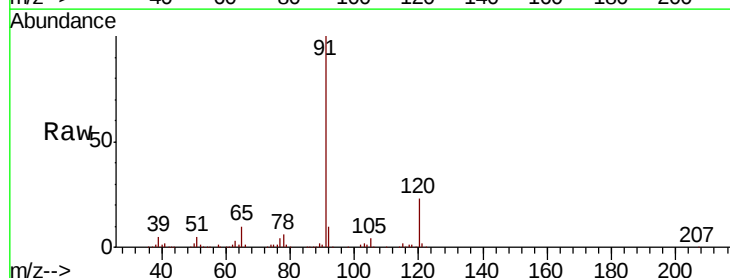
Acq: 15 Jul 2019 9:33

Tgt Ion: 91 Resp: 339636

Ion Ratio Lower Upper

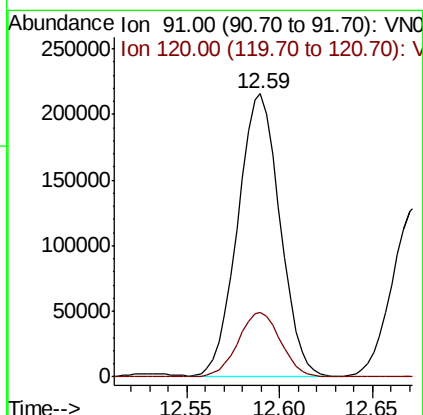
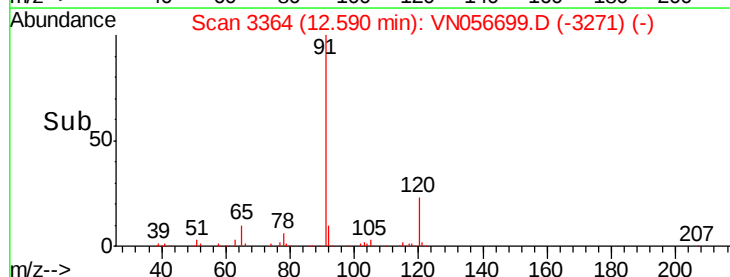
91 100

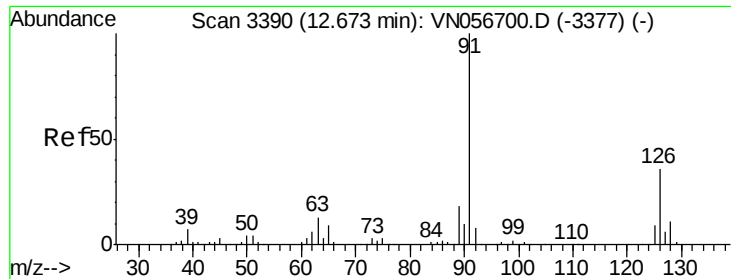
120 23.2 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V

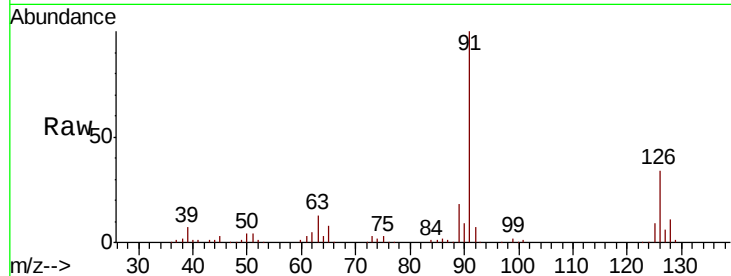




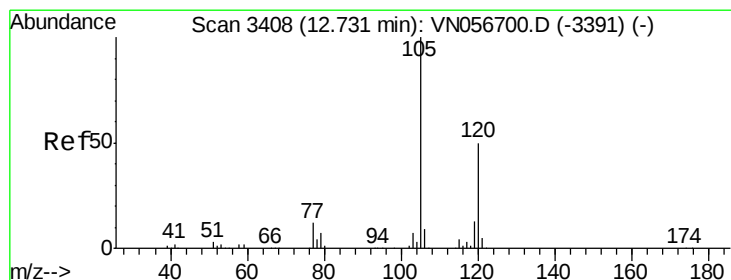
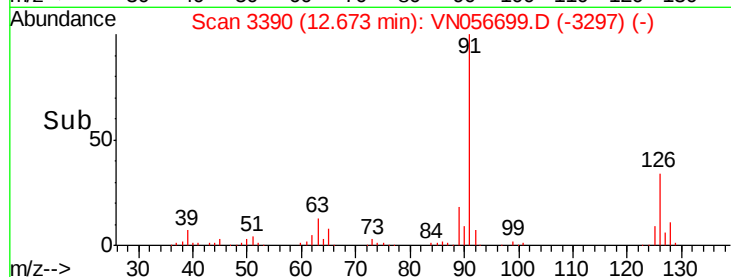
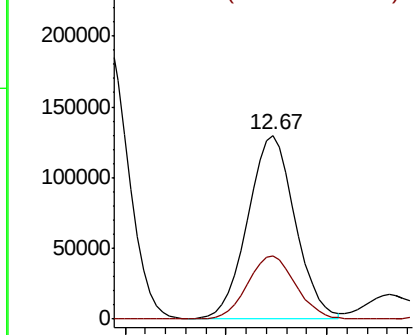
#79
 2-Chlorotoluene
 Concen: 19.256 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN056699.D
 Acq: 15 Jul 2019 9:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion: 91 Resp: 211734
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.9 53.7

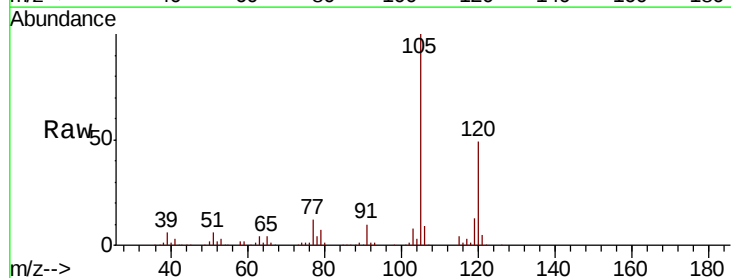


Abundance Ion 91.00 (90.70 to 91.70): VN056699.D (-3297) (-)
 Ion 125.90 (125.60 to 126.60): VN056699.D (-3297) (-)

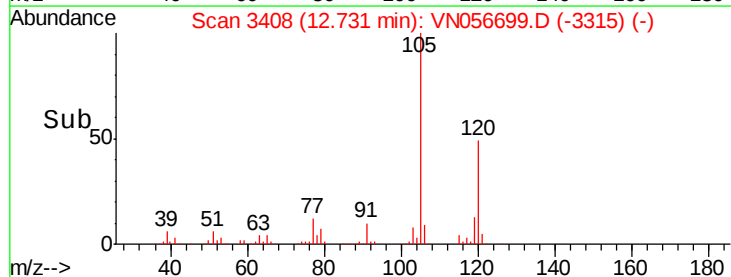
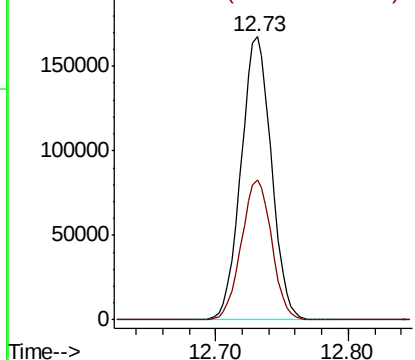


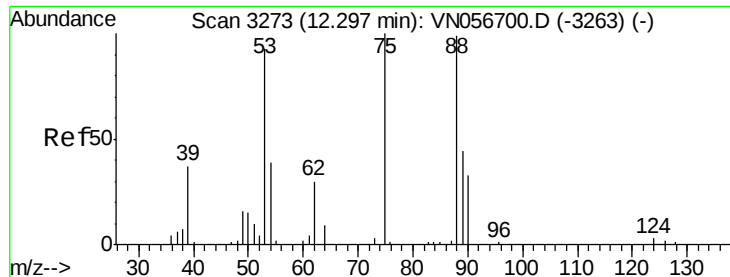
#80
 1,3,5-Trimethylbenzene
 Concen: 19.404 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN056699.D
 Acq: 15 Jul 2019 9:33

Tgt Ion: 105 Resp: 265504
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): VN056699.D (-3315) (-)
 Ion 120.00 (119.70 to 120.70): VN056699.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.814 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

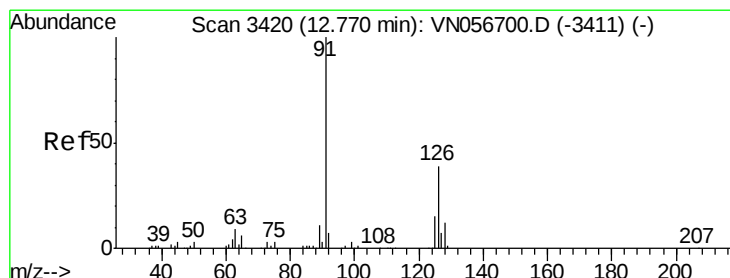
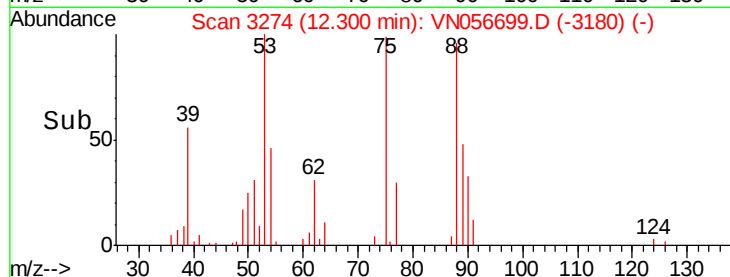
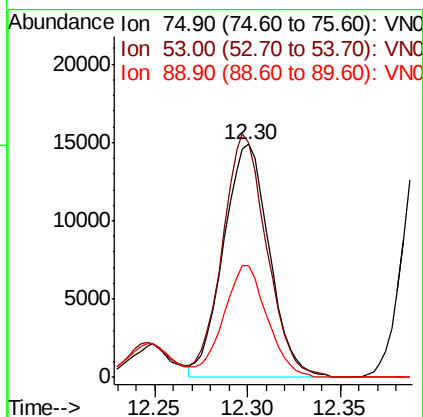
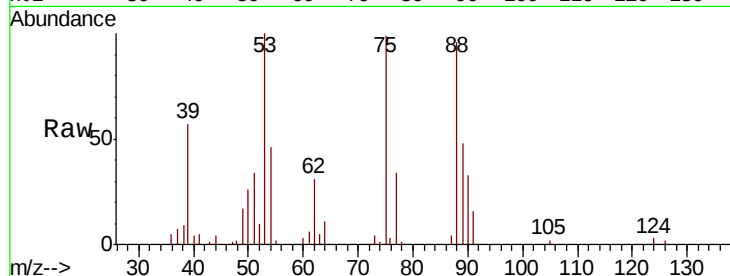
Tot Ion: 75 Resp: 25591

Ion Ratio Lower Upper

75 100

53 100.7 73.7 110.5

89 46.0 36.2 54.2



#82

4-Chlorotoluene

Concen: 19.597 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN056699.D

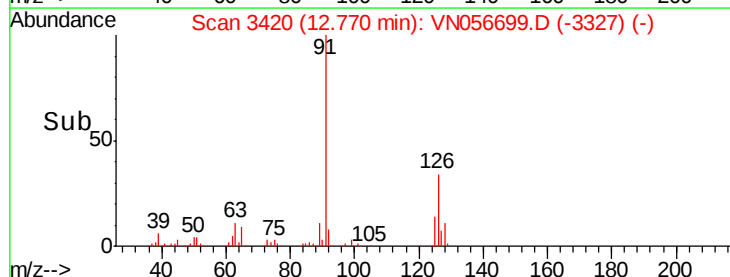
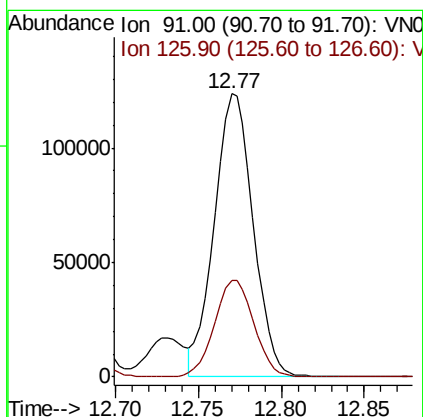
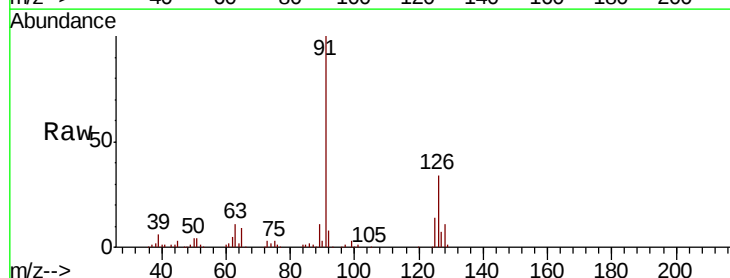
Acq: 15 Jul 2019 9:33

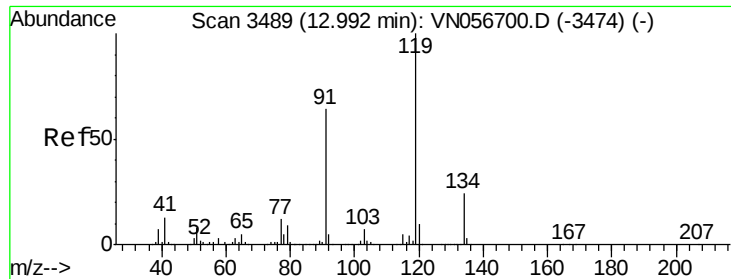
Tgt Ion: 91 Resp: 202176

Ion Ratio Lower Upper

91 100

126 34.5 17.6 52.8

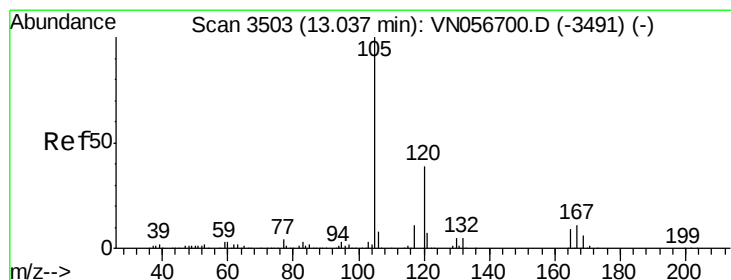
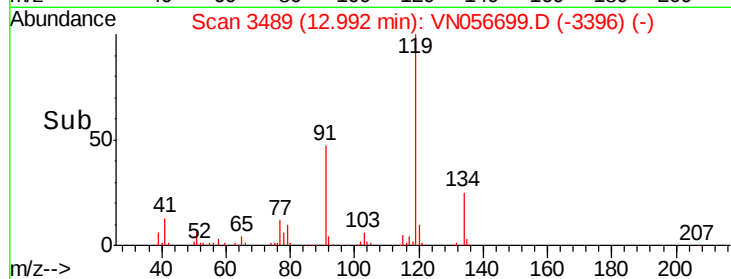
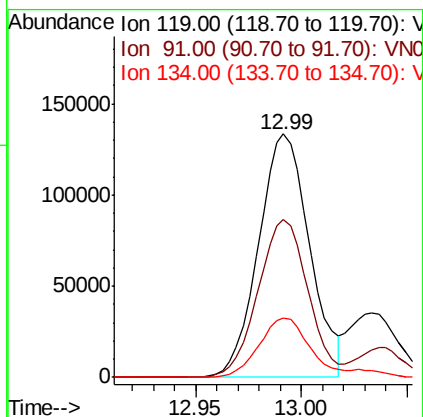
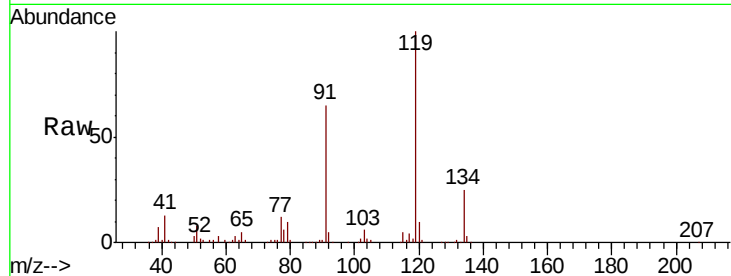




#83
tert-Butylbenzene
Concen: 18.064 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

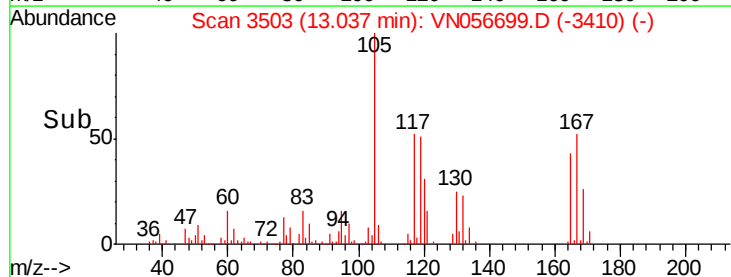
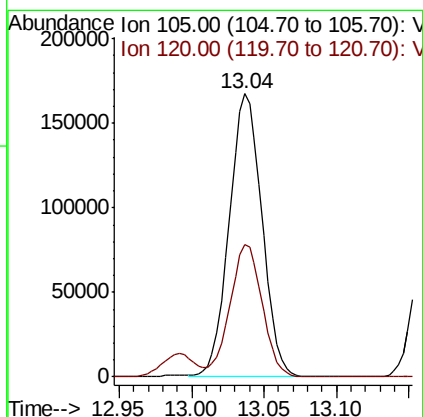
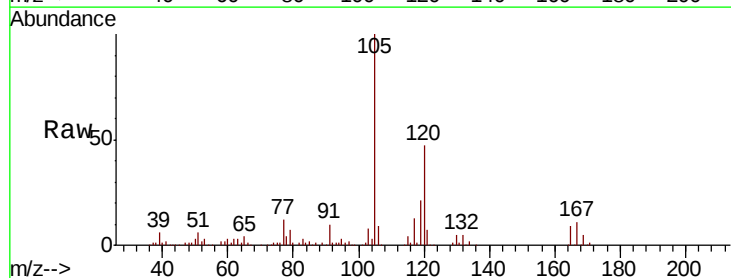
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

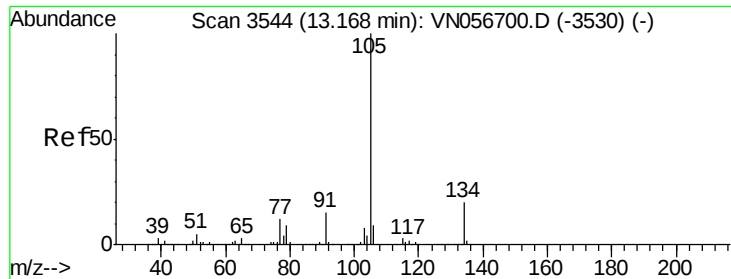
Tot Ion:119 Resp: 224753
Ion Ratio Lower Upper
119 100
91 63.7 31.8 95.4
134 26.2 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 20.354 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

Tgt Ion:105 Resp: 261969
Ion Ratio Lower Upper
105 100
120 46.2 22.9 68.8





#85

sec-Butylbenzene

Concen: 19.187 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

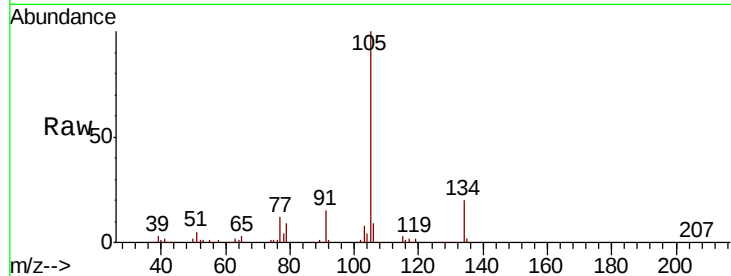
VSTDIC020

Tot Ion:105 Resp: 293753

Ion Ratio Lower Upper

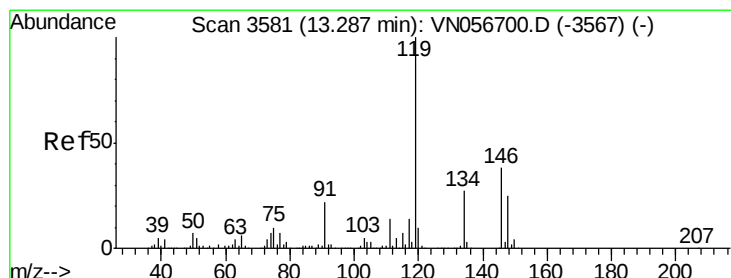
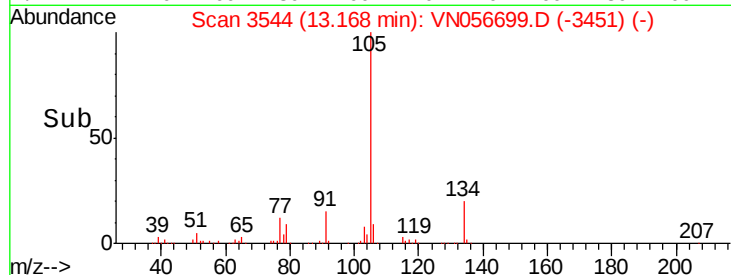
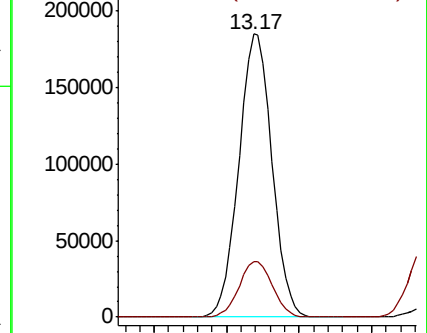
105 100

134 19.7 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: 20.283 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

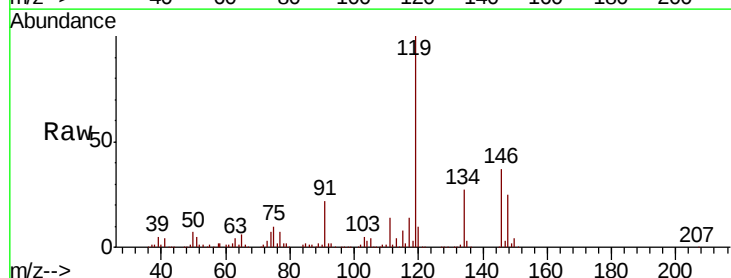
Tgt Ion:119 Resp: 267503

Ion Ratio Lower Upper

119 100

134 26.2 13.6 40.7

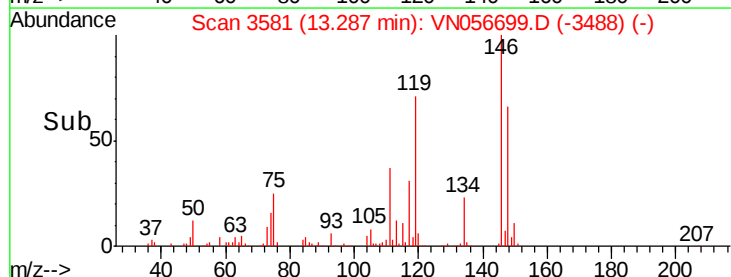
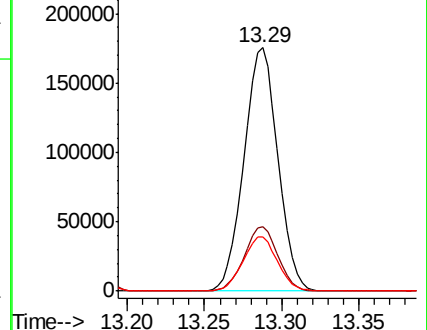
91 22.6 11.2 33.5

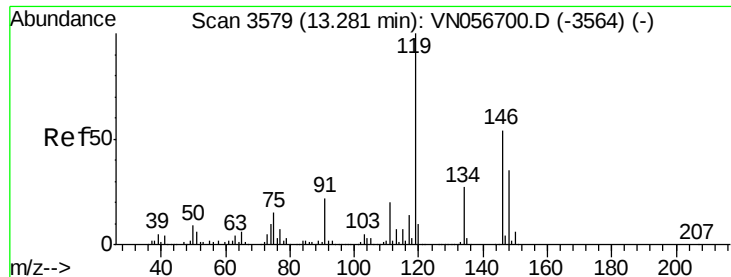


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.076 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

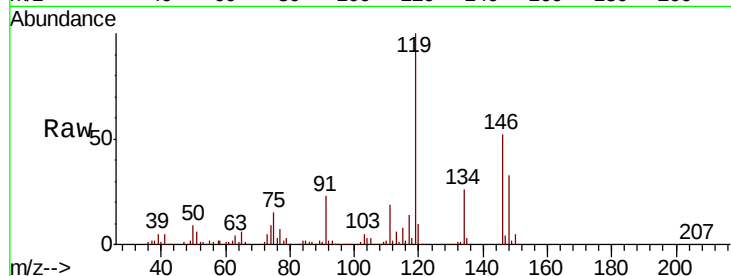
Tot Ion:146 Resp: 130078

Ion Ratio Lower Upper

146 100

111 36.8 18.8 56.3

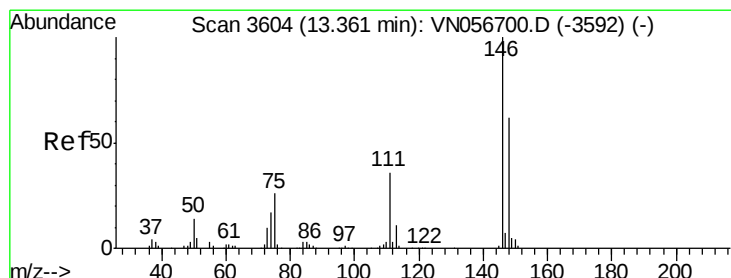
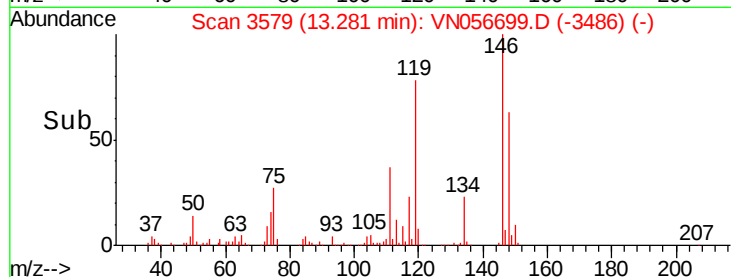
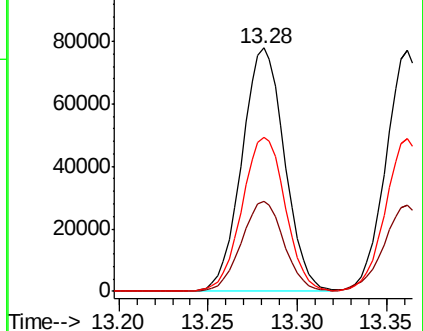
148 63.9 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.842 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

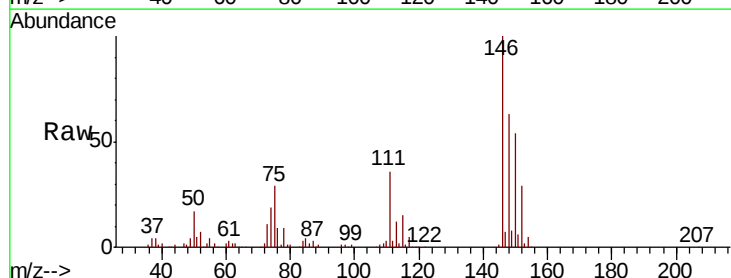
Tgt Ion:146 Resp: 125034

Ion Ratio Lower Upper

146 100

111 37.4 18.6 55.8

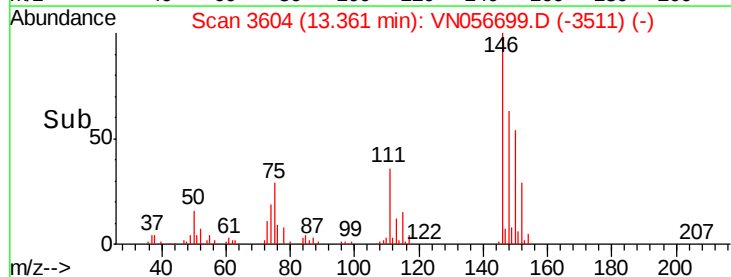
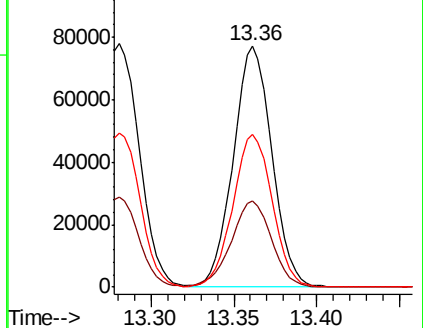
148 64.5 31.9 95.7

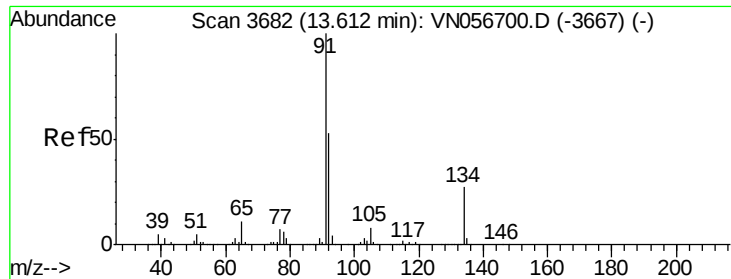


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

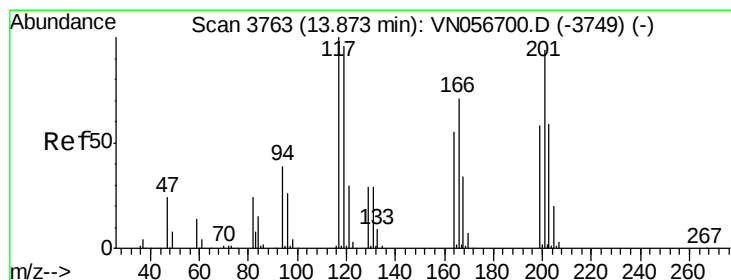
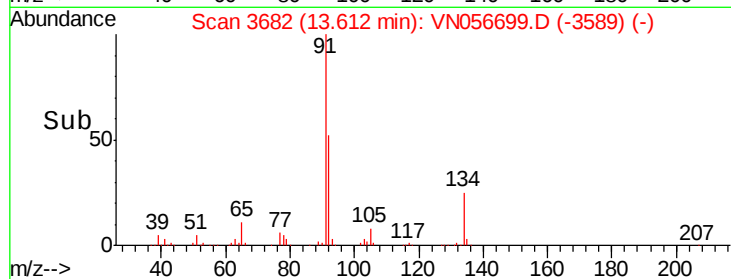
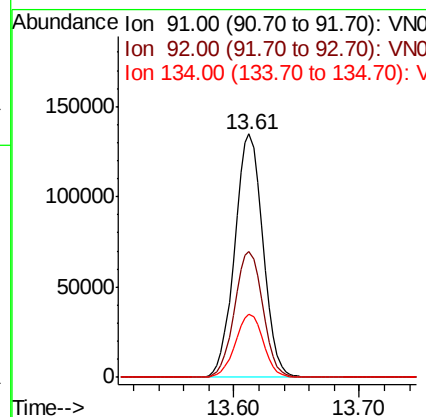
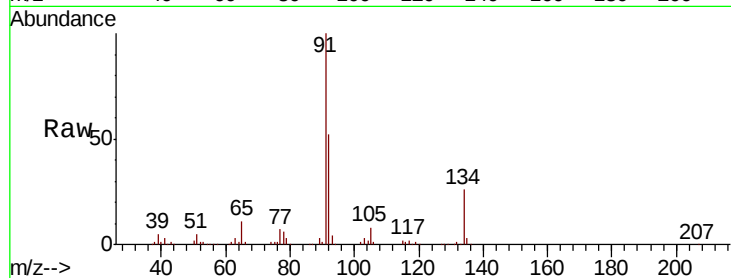




#89
n-Butylbenzene
Concen: 20.720 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

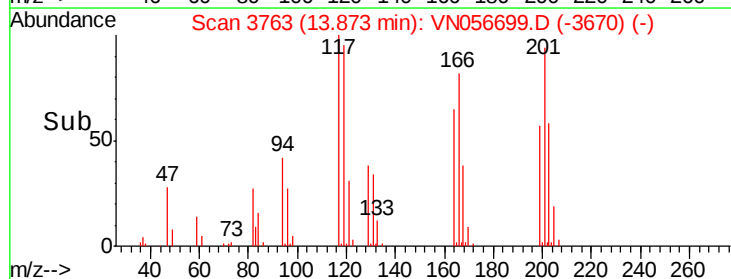
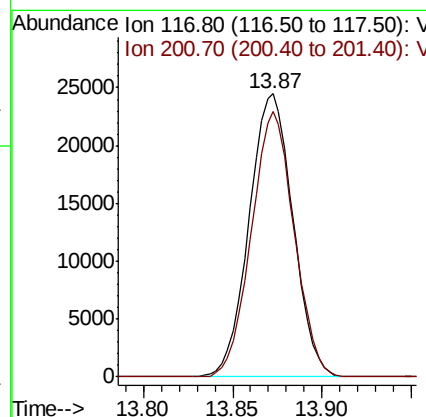
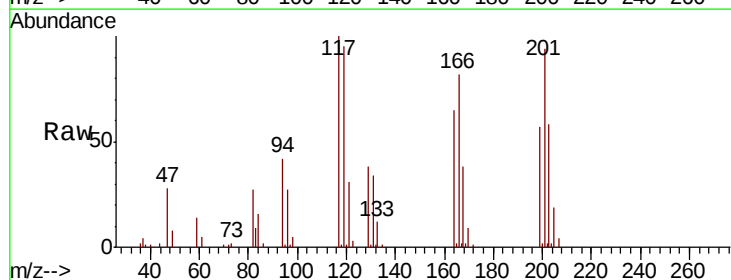
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

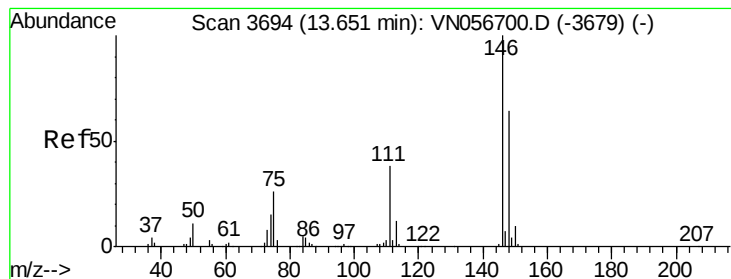
Tot Ion: 91 Resp: 210137
Ion Ratio Lower Upper
91 100
92 51.9 26.0 78.0
134 25.7 13.4 40.2



#90
Hexachloroethane
Concen: 20.302 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056699.D
Acq: 15 Jul 2019 9:33

Tgt Ion: 117 Resp: 42077
Ion Ratio Lower Upper
117 100
201 91.1 46.5 139.5





#91

1,2-Dichlorobenzene

Concen: 20.924 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

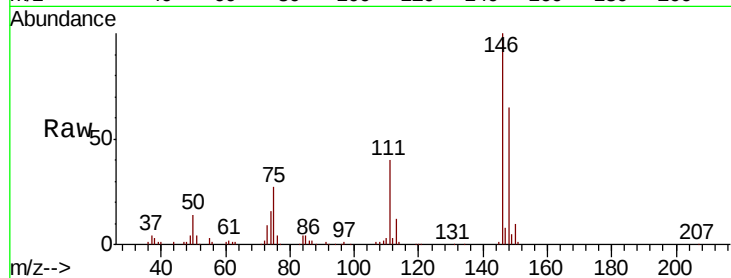
Tot Ion:146 Resp: 134751

Ion Ratio Lower Upper

146 100

111 39.0 19.1 57.1

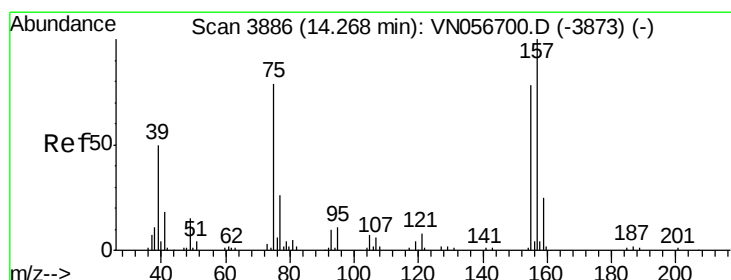
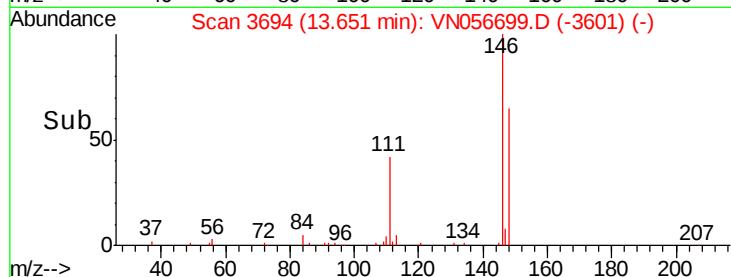
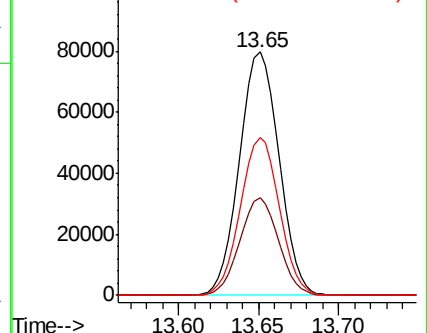
148 63.8 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.814 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

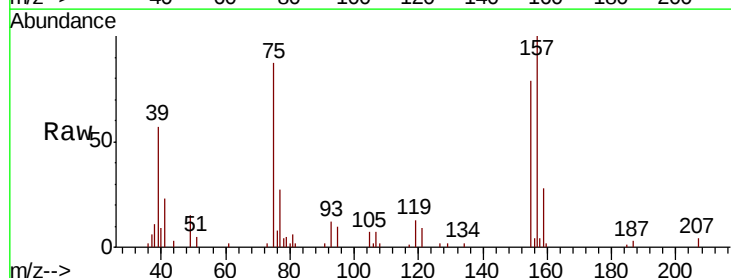
Tgt Ion: 75 Resp: 17187

Ion Ratio Lower Upper

75 100

155 90.1 49.3 147.9

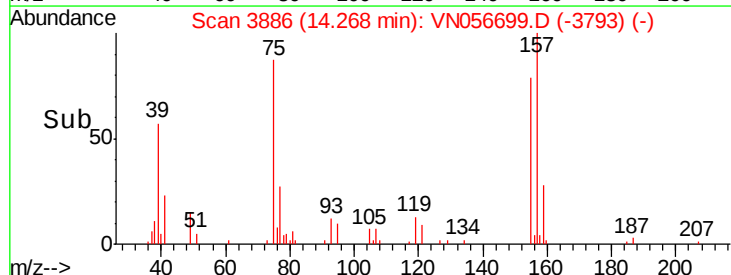
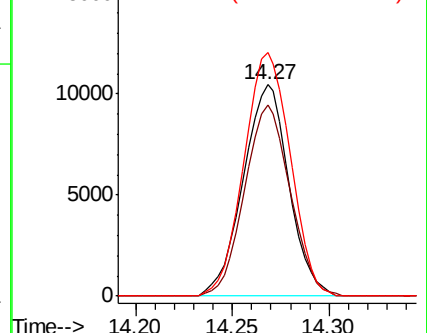
157 116.7 62.4 187.1

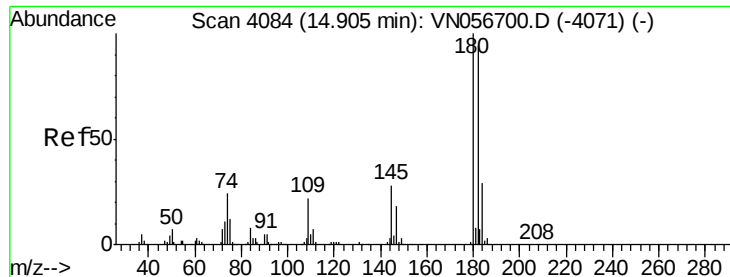


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

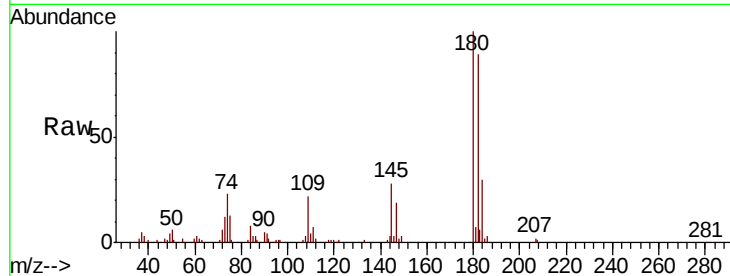




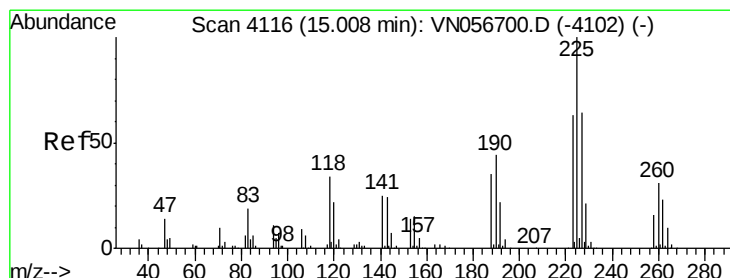
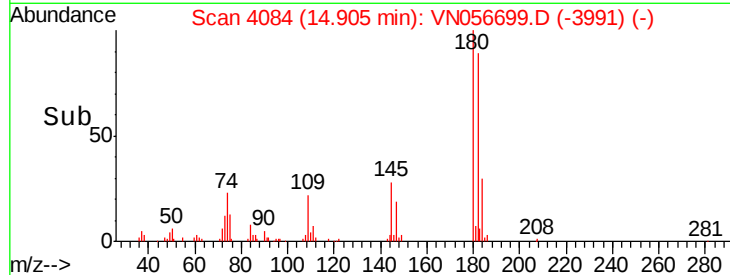
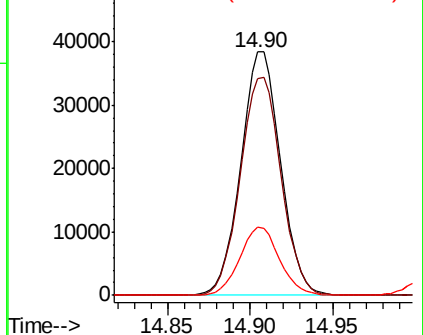
#93
 1,2,4-Trichlorobenzene
 Concen: 22.933 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN056699.D
 Acq: 15 Jul 2019 9:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion:180 Resp: 63735
 Ion Ratio Lower Upper
 180 100
 182 92.1 47.2 141.6
 145 28.0 14.2 42.8

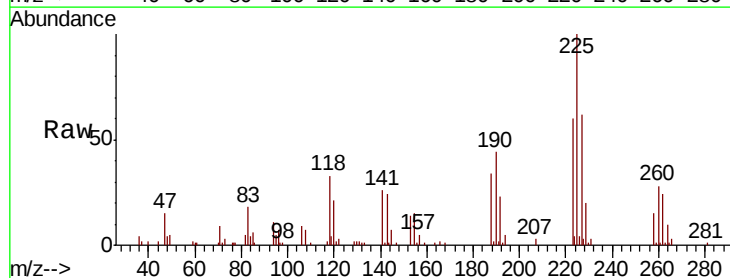


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

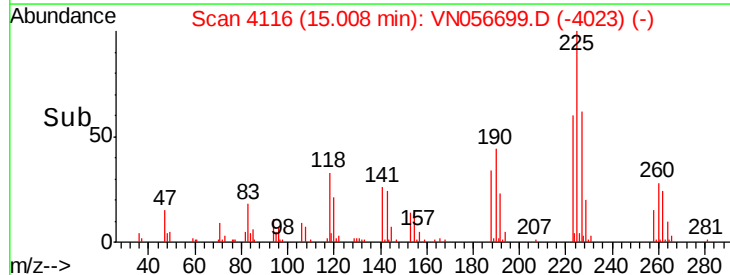
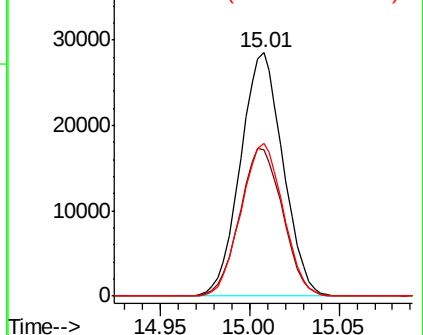


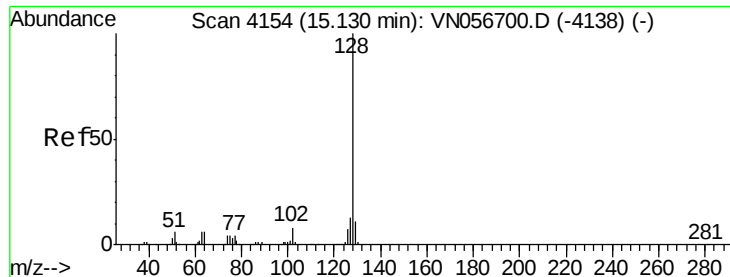
#94
 Hexachlorobutadiene
 Concen: 19.451 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN056699.D
 Acq: 15 Jul 2019 9:33

Tgt Ion:225 Resp: 47495
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.5 94.5
 227 62.4 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: 21.570 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

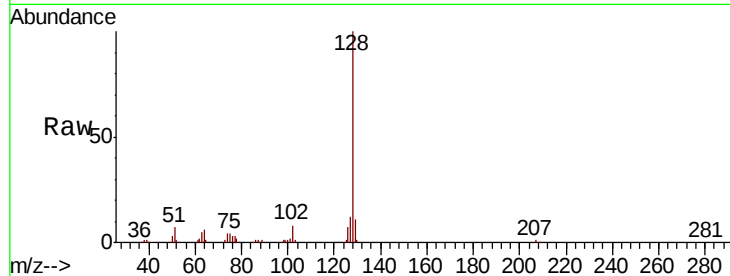
Tot Ion:128 Resp: 158265

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.9 8.7 13.1

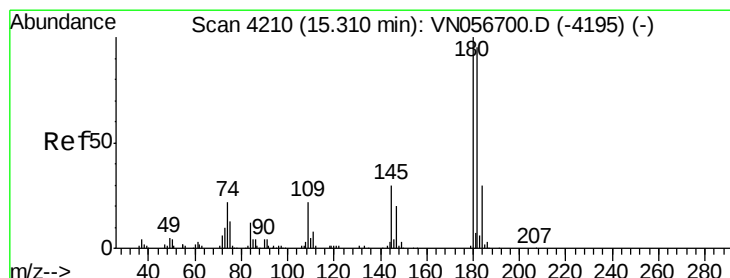
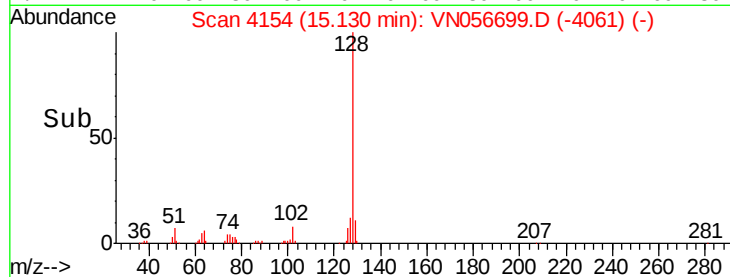
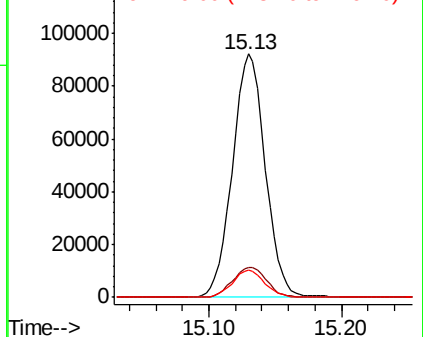


Abundance

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: 22.042 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056699.D

Acq: 15 Jul 2019 9:33

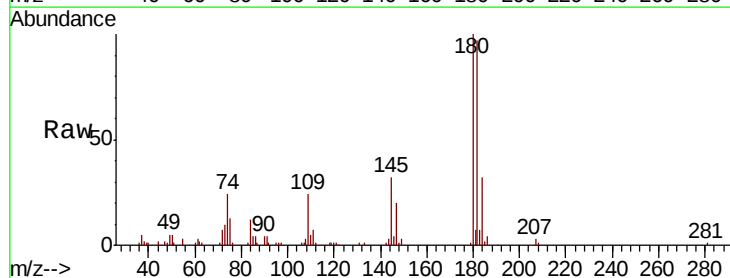
Tgt Ion:180 Resp: 65253

Ion Ratio Lower Upper

180 100

182 96.4 47.1 141.3

145 31.0 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

