

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090619\
 Data File : VN057739.D
 Acq On : 7 Sep 2019 1:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 07 03:41:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	194996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	317363	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	286761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	167930	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	235006	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
35) Dibromofluoromethane	7.57	113	145029	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
50) Toluene-d8	10.08	98	544191	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.40	95	215247	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	143223	46.251	ug/l	97
3) Chloromethane	2.03	50	145729	39.872	ug/l	97
4) Vinyl Chloride	2.16	62	122079	45.522	ug/l	99
5) Bromomethane	2.54	94	66948	54.357	ug/l	98
6) Chloroethane	2.68	64	72615	45.866	ug/l	97
7) Trichlorofluoromethane	3.00	101	191014	44.383	ug/l	99
8) Diethyl Ether	3.39	74	84701	49.254	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	127699	47.543	ug/l	98
10) Methyl Iodide	3.93	142	151408	56.894	ug/l	99
11) Tert butyl alcohol	4.76	59	129046	239.432	ug/l #	87
12) 1,1-Dichloroethene	3.71	96	114582	47.414	ug/l	99
13) Acrolein	3.58	56	59068	230.447	ug/l	97
14) Allyl chloride	4.30	41	250212	45.308	ug/l	99
15) Acrylonitrile	4.96	53	358713	258.875	ug/l	98
16) Acetone	3.80	43	345902	236.951	ug/l	100
17) Carbon Disulfide	4.03	76	249483	45.565	ug/l	97
18) Methyl Acetate	4.30	43	185531	46.736	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	482923	47.599	ug/l	98
20) Methylene Chloride	4.53	84	144241	45.698	ug/l	97
21) trans-1,2-Dichloroethene	5.02	96	121210	47.665	ug/l	95
22) Diisopropyl ether	5.93	45	563710	48.253	ug/l	99
23) Vinyl Acetate	5.87	43	2359394	249.521	ug/l	100
24) 1,1-Dichloroethane	5.82	63	286545	47.837	ug/l	99
25) 2-Butanone	6.82	43	522797	250.077	ug/l	99
26) 2,2-Dichloropropane	6.80	77	190935	38.209	ug/l	80
27) cis-1,2-Dichloroethene	6.81	96	156388	48.995	ug/l	92
28) Bromochloromethane	7.18	49	157719	50.323	ug/l	99
29) Tetrahydrofuran	7.19	42	337339	250.217	ug/l	99
30) Chloroform	7.36	83	295917	47.410	ug/l	97
31) Cyclohexane	7.64	56	236027	44.330	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	250830	48.246	ug/l	99
36) 1,1-Dichloropropene	7.78	75	202260	47.906	ug/l	99
37) Ethyl Acetate	6.91	43	220190	52.532	ug/l	99
38) Carbon Tetrachloride	7.76	117	201234	49.778	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	212020	47.477	ug/l	98
40) Benzene	8.03	78	588376	49.270	ug/l	99
41) Methacrylonitrile	7.15	41	97816	47.741	ug/l	95
42) 1,2-Dichloroethane	8.11	62	269030	48.062	ug/l	98
43) Isopropyl Acetate	8.15	43	397957	49.464	ug/l	100
44) Trichloroethene	8.82	130	136708	50.935	ug/l	96
45) 1,2-Dichloropropane	9.11	63	167182	50.056	ug/l	99
46) Dibromomethane	9.20	93	109420	51.073	ug/l	98
47) Bromodichloromethane	9.40	83	227416	49.948	ug/l	97
48) Methyl methacrylate	9.19	41	204214	49.355	ug/l	98
49) 1,4-Dioxane	9.19	88	52544	1091.416	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1191635	266.701	ug/l	100
52) Toluene	10.15	92	363497	50.221	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	221841	48.566	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	241407	48.916	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	145381	49.911	ug/l	97
56) Ethyl methacrylate	10.43	69	241505	51.946	ug/l	98
57) 1,3-Dichloropropane	10.71	76	261650	50.007	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	617885	261.959	ug/l	100
59) 2-Hexanone	10.75	43	845920	268.487	ug/l	99
60) Dibromochloromethane	10.90	129	149636	47.729	ug/l	100
61) 1,2-Dibromoethane	11.00	107	143897	51.459	ug/l	99
64) Tetrachloroethene	10.63	164	119151	53.295	ug/l	95
65) Chlorobenzene	11.43	112	373938	49.989	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	140036	53.801	ug/l	98
67) Ethyl Benzene	11.51	91	742015	51.412	ug/l	100
68) m/p-Xylenes	11.62	106	511444	102.885	ug/l	100
69) o-Xylene	11.95	106	251066	51.006	ug/l	97
70) Styrene	11.96	104	445221	52.274	ug/l	99
71) Bromoform	12.13	173	92217	47.581	ug/l #	98
73) Isopropylbenzene	12.25	105	723220	48.713	ug/l	99
74) N-amyl acetate	12.07	43	363029	48.949	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	222707	50.025	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	282117	73.157	ug/l #	100
77) Bromobenzene	12.53	156	165334	51.260	ug/l	94
78) n-propylbenzene	12.59	91	860946	48.810	ug/l	99
79) 2-Chlorotoluene	12.68	91	519732	48.401	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	617074	48.928	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	54313	43.802	ug/l	99
82) 4-Chlorotoluene	12.78	91	540408	48.865	ug/l	99
83) tert-Butylbenzene	13.00	119	524057	49.290	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	616258	49.329	ug/l	100
85) sec-Butylbenzene	13.17	105	709614	48.446	ug/l	98
86) p-Isopropyltoluene	13.29	119	622059	50.111	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	298245	49.462	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	293938	48.730	ug/l	98
89) n-Butylbenzene	13.62	91	585522	47.694	ug/l	99
90) Hexachloroethane	13.88	117	99356	51.081	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	297167	50.057	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	46118	52.583	ug/l	96

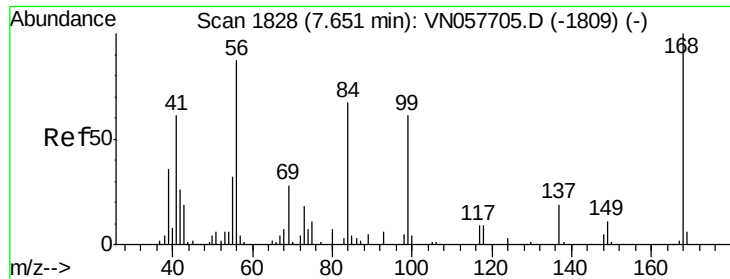
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	186800	52.597	ug/l	99
94) Hexachlorobutadiene	15.01	225	91223	52.697	ug/l	97
95) Naphthalene	15.13	128	537070	52.126	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	178248	52.360	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

Instrument :

MSVOA_N

ClientSampleId :

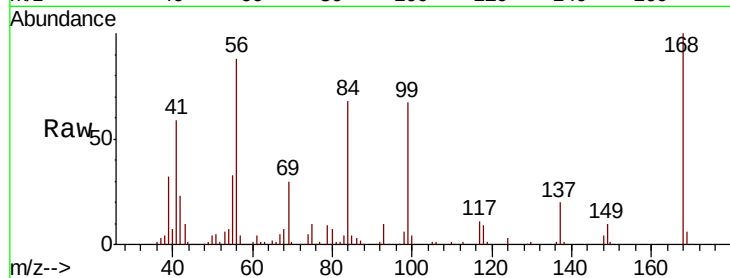
VSTDCCC050EC

Tgt Ion:168 Resp: 194996

Ion Ratio Lower Upper

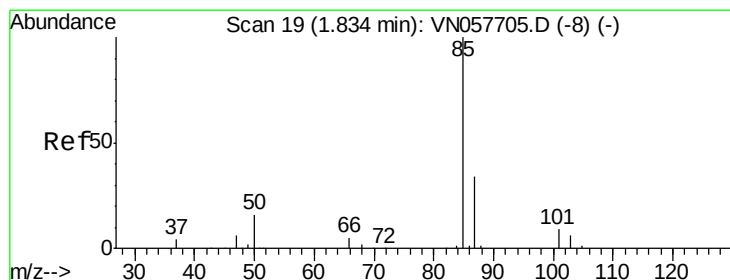
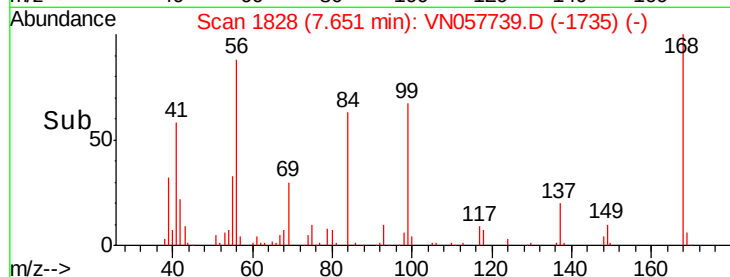
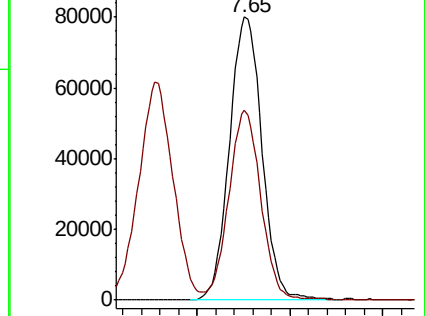
168 100

99 66.8 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 46.251 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN057739.D

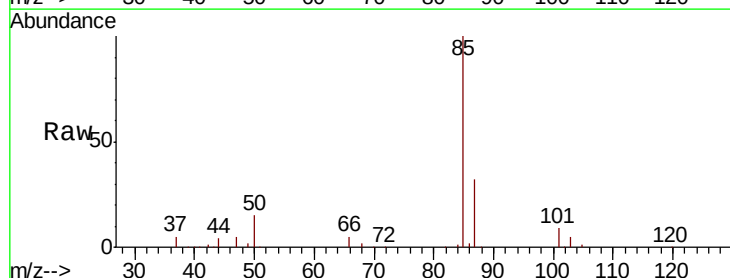
Acq: 7 Sep 2019 1:12

Tgt Ion: 85 Resp: 143223

Ion Ratio Lower Upper

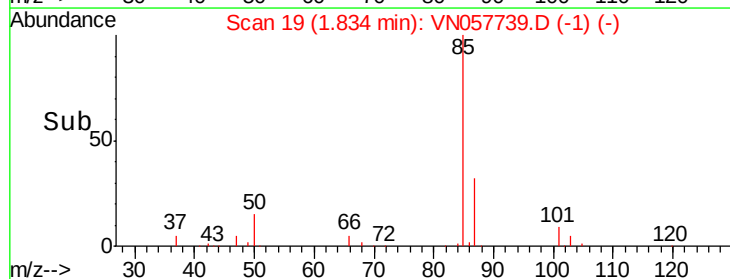
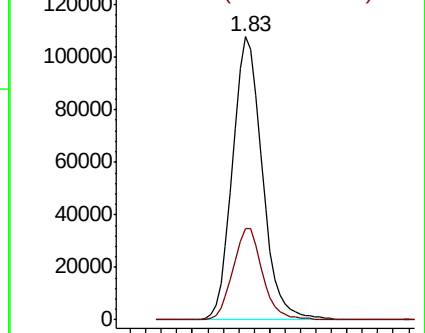
85 100

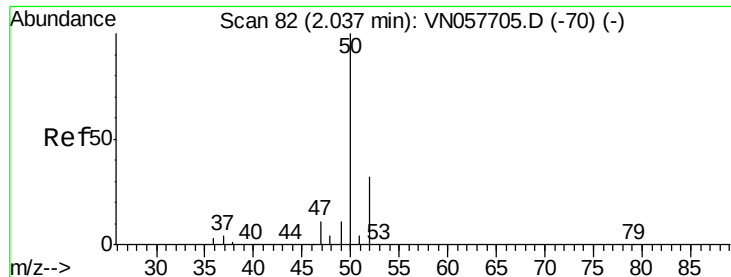
87 32.5 17.0 51.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 39.872 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

Instrument :

MSVOA_N

ClientSampleId :

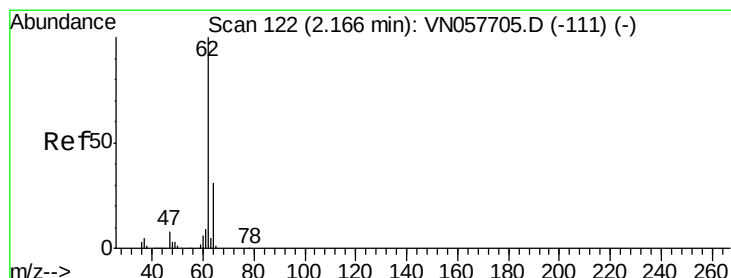
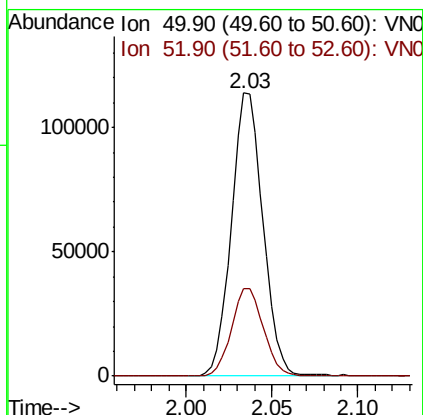
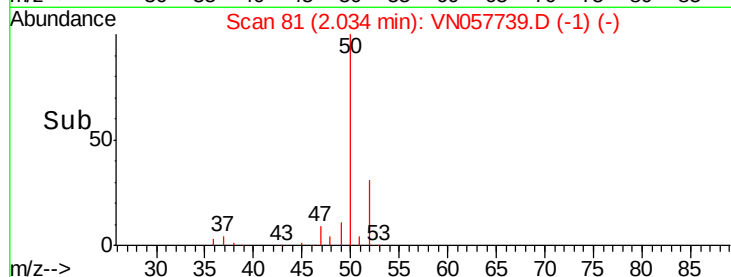
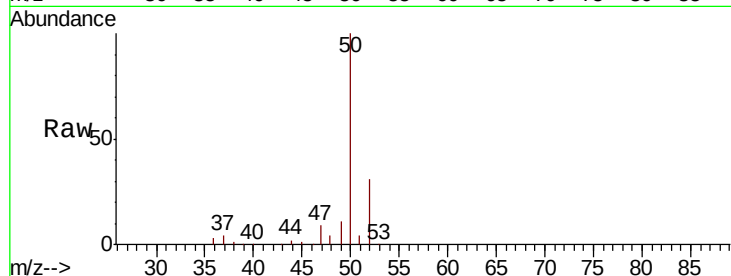
VSTDCCC050EC

Tgt Ion: 50 Resp: 145729

Ion Ratio Lower Upper

50 100

52 30.9 26.0 39.0



#4

Vinyl Chloride

Concen: 45.522 ug/l

RT: 2.16 min Scan# 121

Delta R.T. -0.00 min

Lab File: VN057739.D

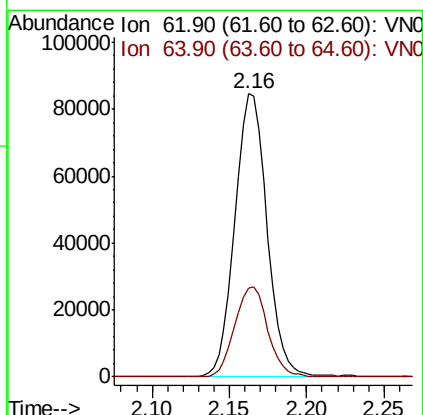
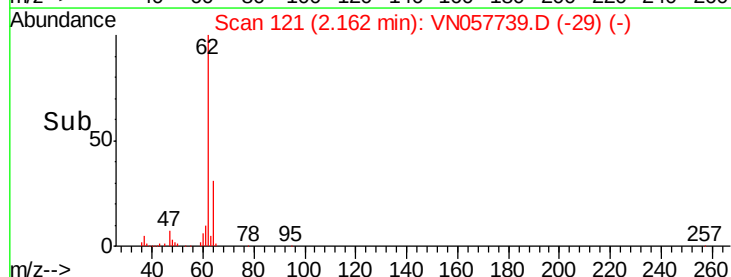
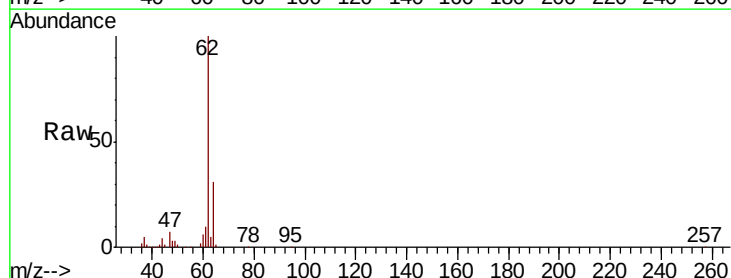
Acq: 7 Sep 2019 1:12

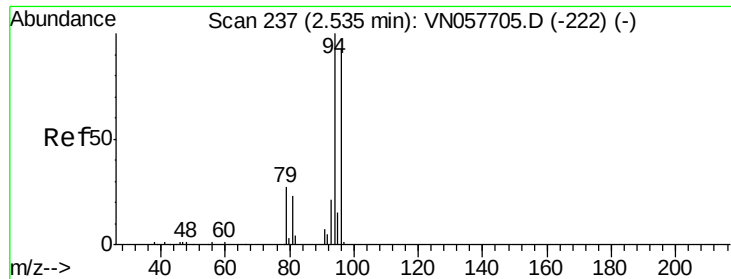
Tgt Ion: 62 Resp: 122079

Ion Ratio Lower Upper

62 100

64 31.4 24.9 37.3





#5

Bromomethane

Concen: 54.357 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

Instrument :

MSVOA_N

ClientSampleId :

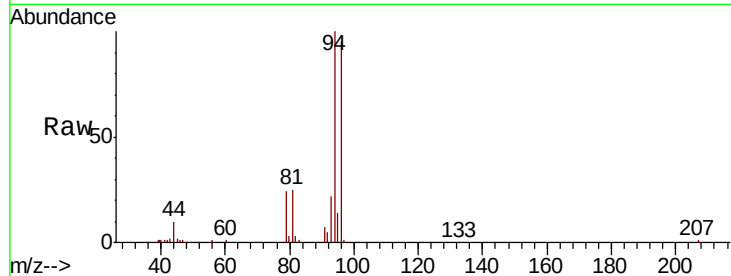
VSTDCCC050EC

Tgt Ion: 94 Resp: 66948

Ion Ratio Lower Upper

94 100

96 95.4 74.8 112.2

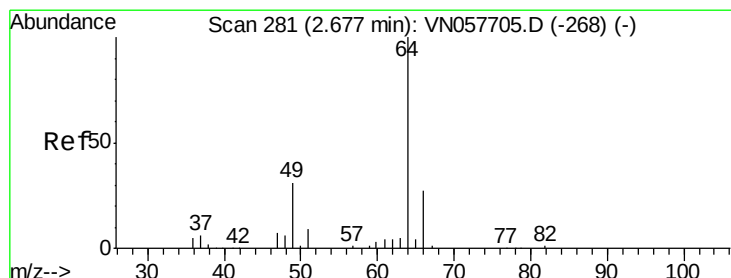
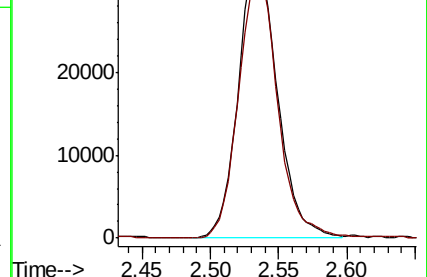
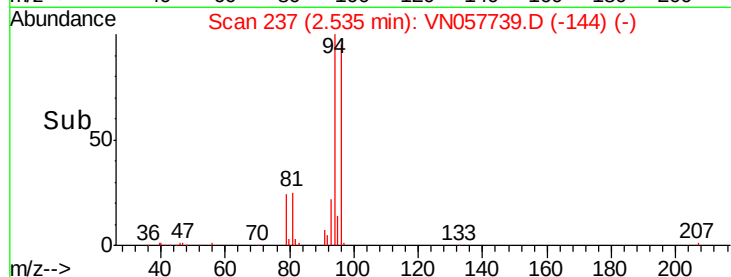


Abundance Ion 93.90 (93.60 to 94.60): VN057739.D (-144) (-)

Ion 95.90 (95.60 to 96.60): VN057739.D (-144) (-)

2.54

Time-->



#6

Chloroethane

Concen: 45.866 ug/l

RT: 2.68 min Scan# 281

Delta R.T. 0.00 min

Lab File: VN057739.D

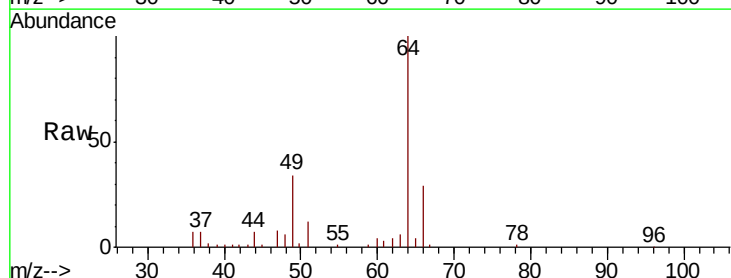
Acq: 7 Sep 2019 1:12

Tgt Ion: 64 Resp: 72615

Ion Ratio Lower Upper

64 100

66 29.1 22.0 33.0

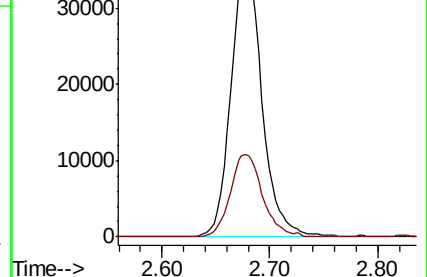
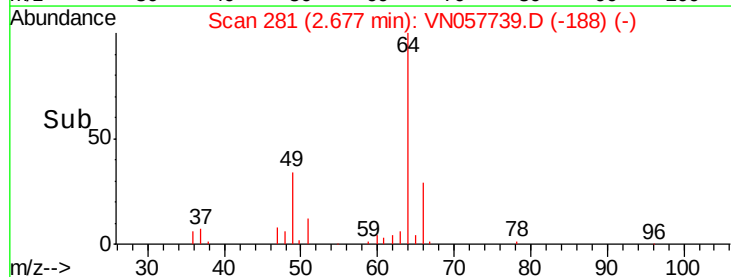


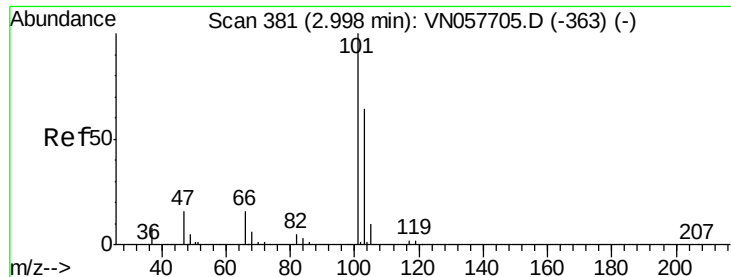
Abundance Ion 63.90 (63.60 to 64.60): VN057739.D (-188) (-)

Ion 65.90 (65.60 to 66.60): VN057739.D (-188) (-)

2.68

Time-->



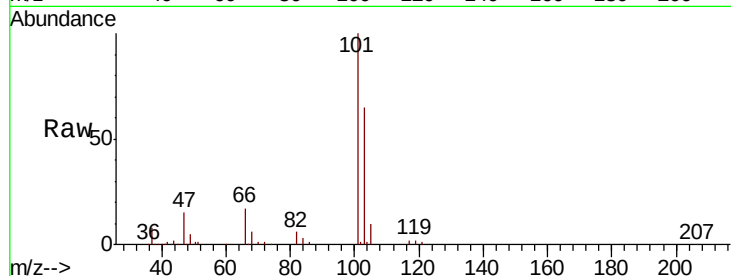


#7

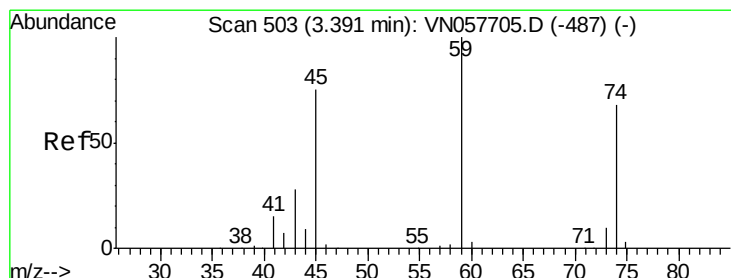
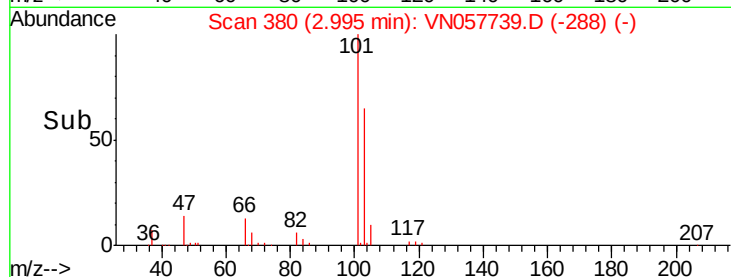
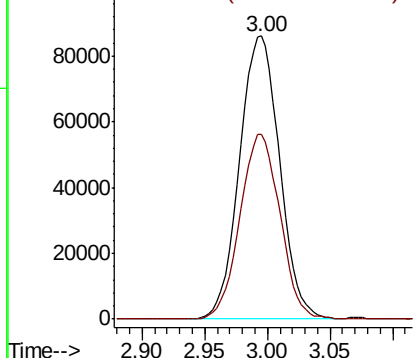
Trichlorofluoromethane
Concen: 44.383 ug/l
RT: 3.00 min Scan# 380
Delta R.T. -0.00 min
Lab File: VN057739.D
Acq: 7 Sep 2019 1:12

Instrument :
MSVOA_N
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VSTDCCC050EC

Tgt Ion: 101 Resp: 191014
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.0



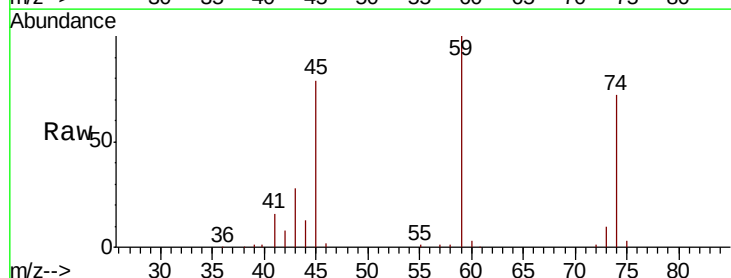
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



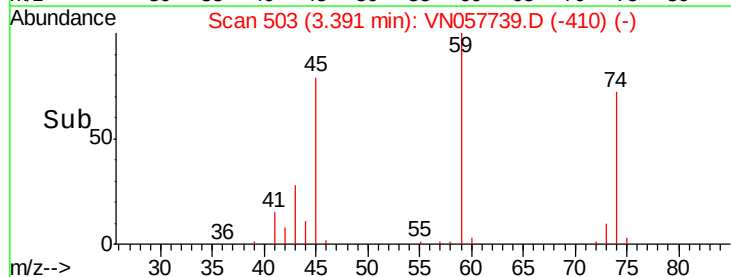
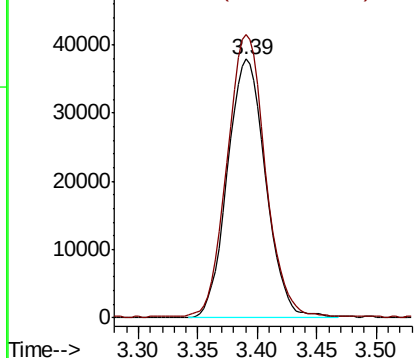
#8

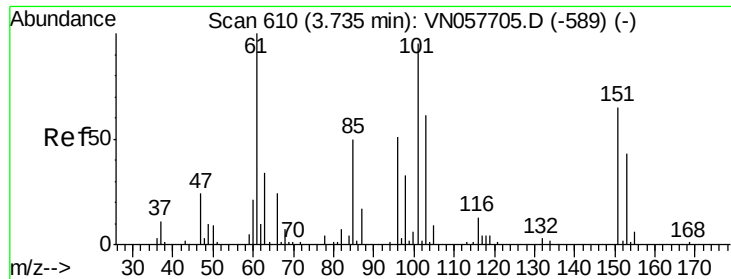
Diethyl Ether
Concen: 49.254 ug/l
RT: 3.39 min Scan# 503
Delta R.T. 0.00 min
Lab File: VN057739.D
Acq: 7 Sep 2019 1:12

Tgt Ion: 74 Resp: 84701
Ion Ratio Lower Upper
74 100
45 108.4 55.4 166.0



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.543 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

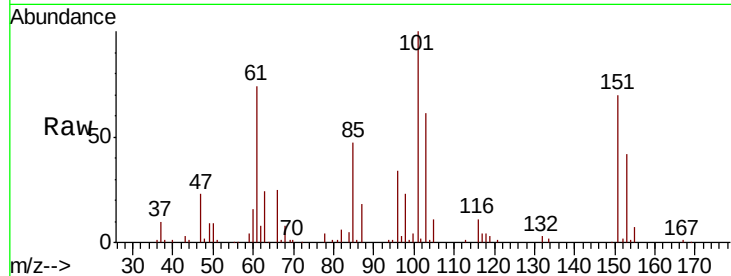
Tgt Ion:101 Resp: 127699

Ion Ratio Lower Upper

101 100

85 50.7 42.8 64.2

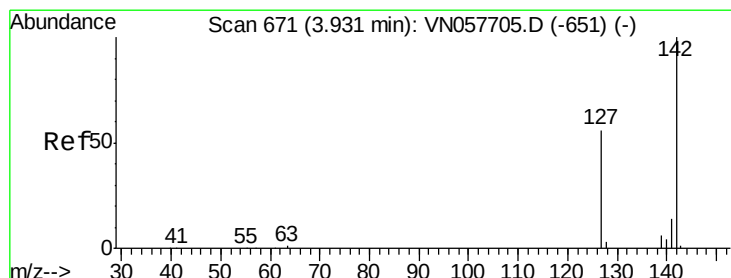
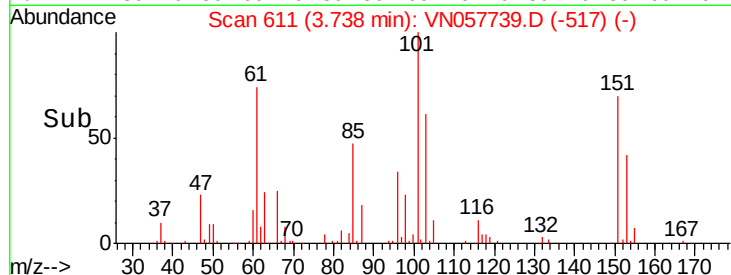
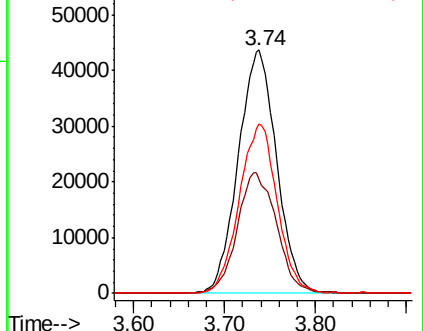
151 68.9 55.5 83.3



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: 56.894 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

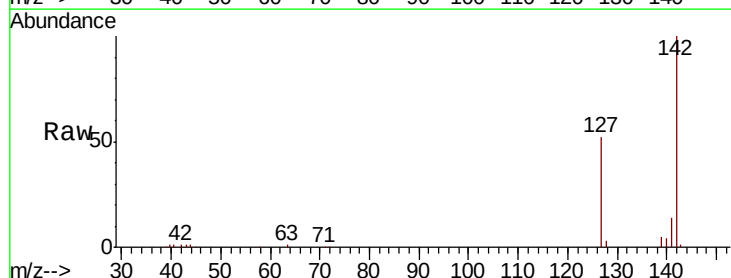
Tgt Ion:142 Resp: 151408

Ion Ratio Lower Upper

142 100

127 51.6 42.1 63.1

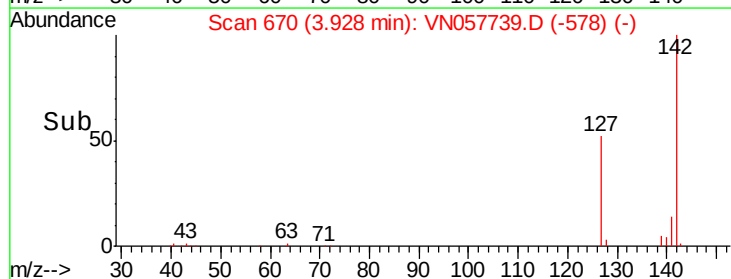
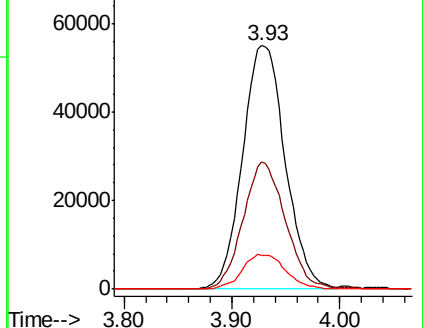
141 14.4 11.0 16.4

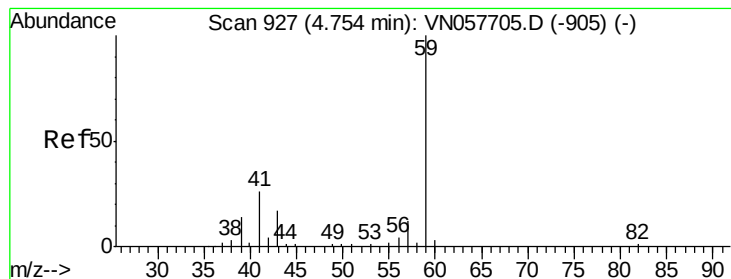


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



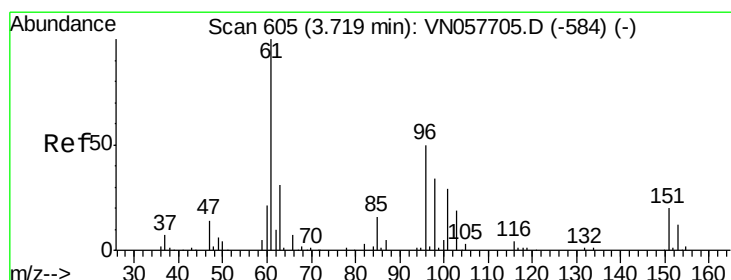
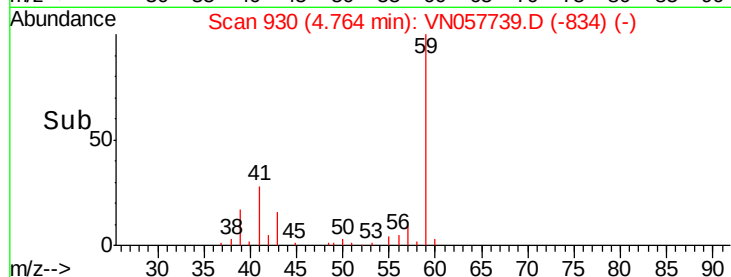
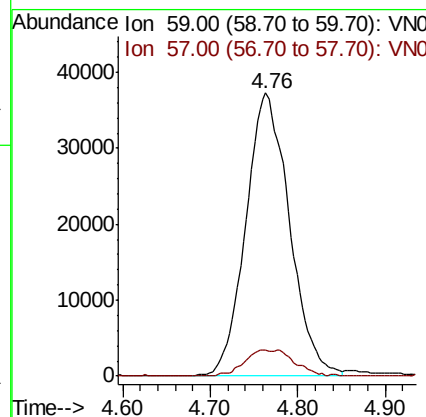
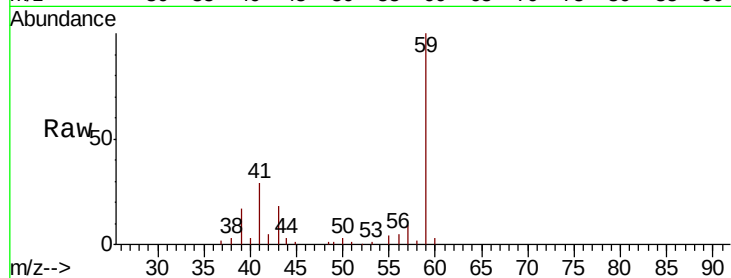


#11

Tert butyl alcohol
 Concen: 239.432 ug/l
 RT: 4.76 min Scan# 930
 Delta R.T. 0.01 min
 Lab File: VN057739.D
 Acq: 7 Sep 2019 1:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

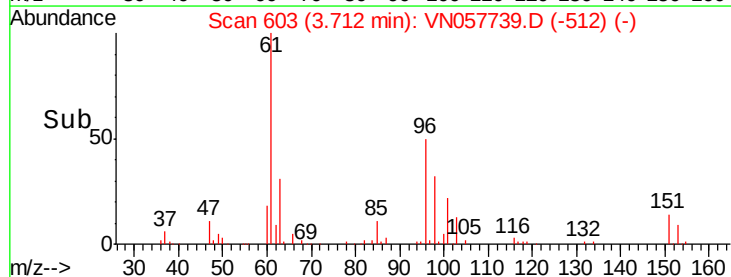
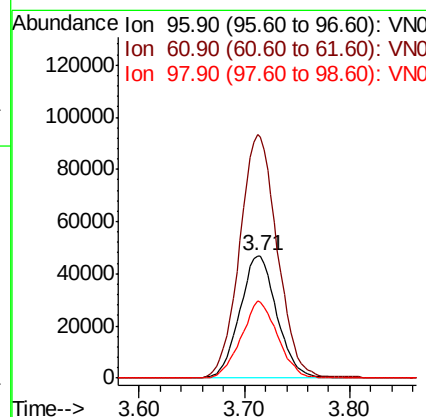
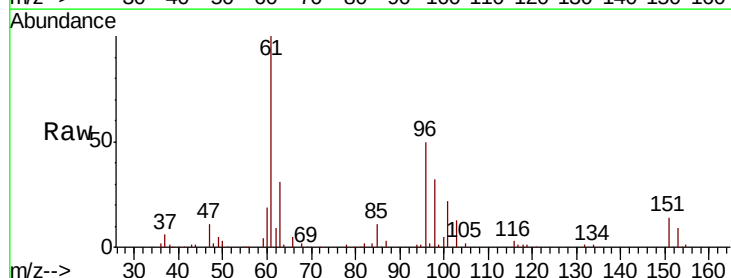
Tgt Ion: 59 Resp: 129046
 Ion Ratio Lower Upper
 59 100
 57 6.2 8.9 13.3#

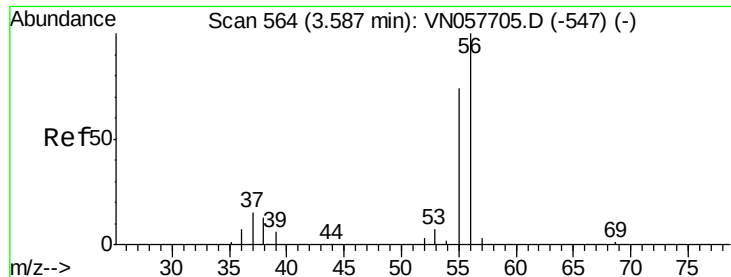


#12

1,1-Dichloroethene
 Concen: 47.414 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: VN057739.D
 Acq: 7 Sep 2019 1:12

Tgt Ion: 96 Resp: 114582
 Ion Ratio Lower Upper
 96 100
 61 198.7 158.7 238.1
 98 63.1 53.8 80.8





#13

Acrolein

Concen: 230.447 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

Instrument :

MSVOA_N

ClientSampleId :

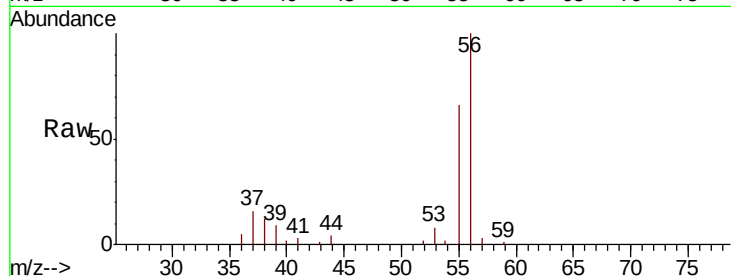
VSTDCCC050EC

Tgt Ion: 56 Resp: 59068

Ion Ratio Lower Upper

56 100

55 71.4 55.4 83.0



Abundance Ion 56.00 (55.70 to 56.70): VN057739.D (-471) (-)

Ion 55.00 (54.70 to 55.70): VN057739.D (-471) (-)

25000

20000

15000

10000

5000

0

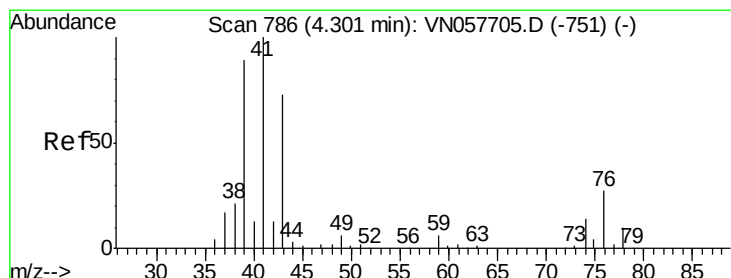
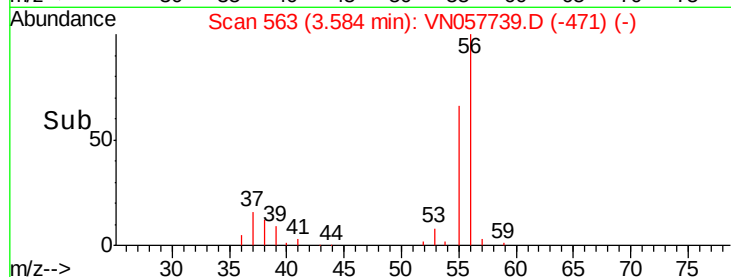
3.50

3.55

3.60

3.65

Time-->



#14

Allyl chloride

Concen: 45.308 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

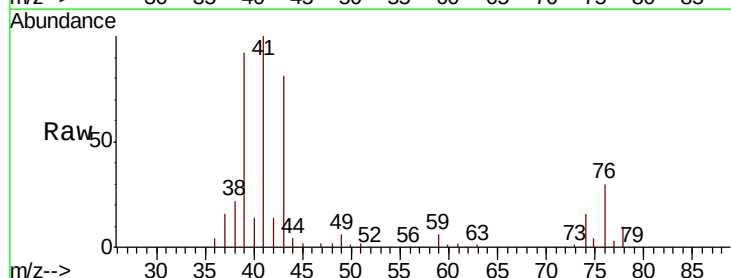
Tgt Ion: 41 Resp: 250212

Ion Ratio Lower Upper

41 100

39 83.7 67.5 101.3

76 27.2 21.4 32.2



Abundance Ion 41.00 (40.70 to 41.70): VN057739.D (-693) (-)

Ion 39.00 (38.70 to 39.70): VN057739.D (-693) (-)

Ion 75.90 (75.60 to 76.60): VN057739.D (-693) (-)

100000

80000

60000

40000

20000

0

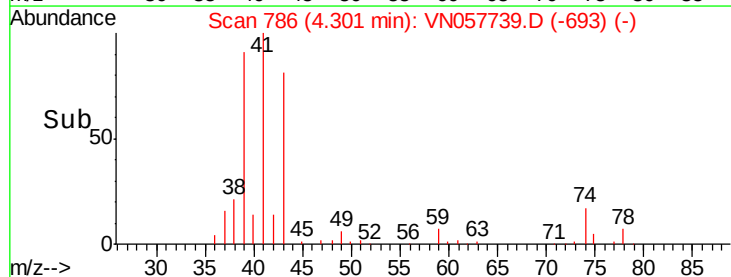
4.10

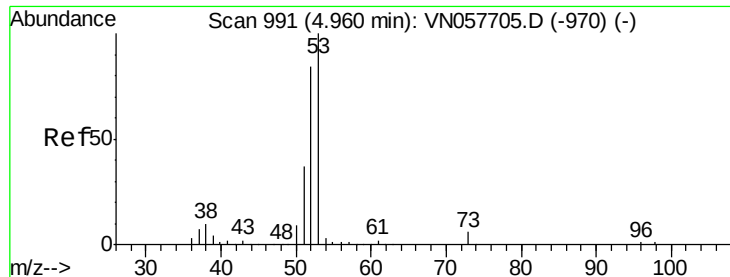
4.20

4.30

4.40

Time-->





#15

Acrylonitrile

Concen: 258.875 ug/l

RT: 4.96 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

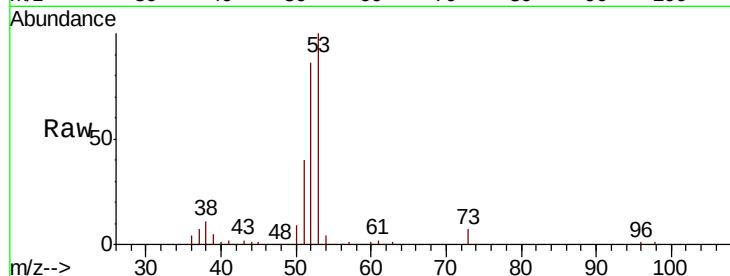
Tgt Ion: 53 Resp: 358713

Ion Ratio Lower Upper

53 100

52 82.9 68.1 102.1

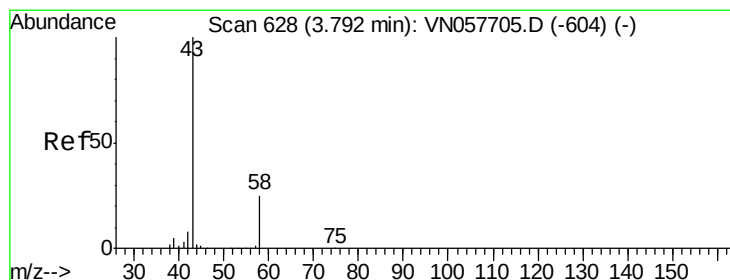
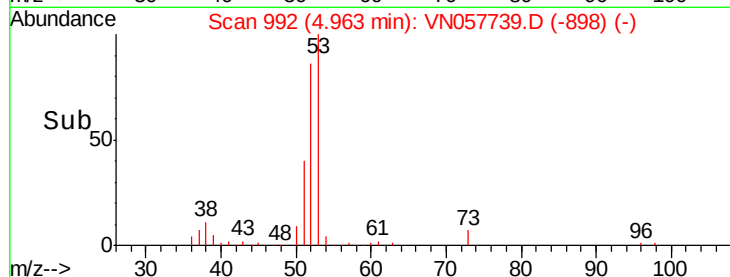
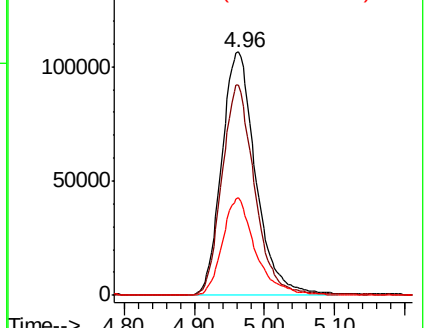
51 38.9 30.4 45.6



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 236.951 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN057739.D

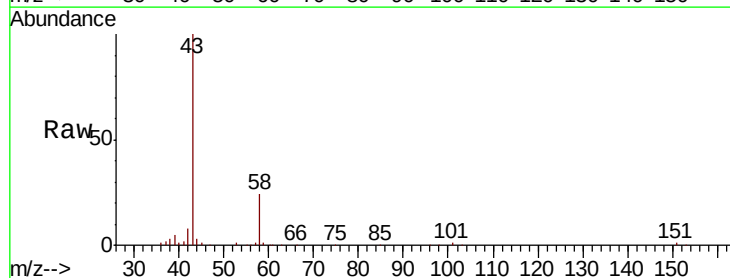
Acq: 7 Sep 2019 1:12

Tgt Ion: 43 Resp: 345902

Ion Ratio Lower Upper

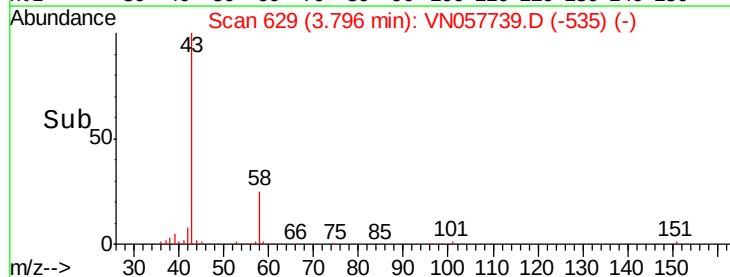
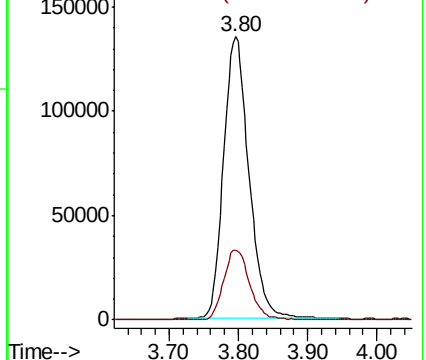
43 100

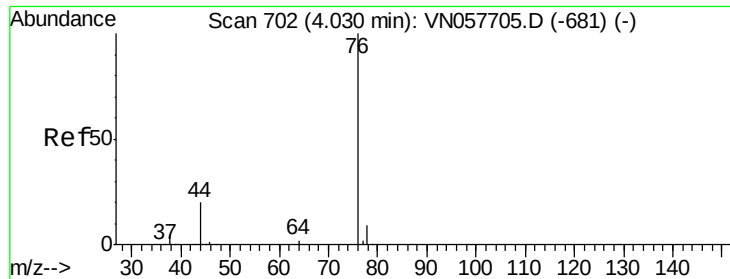
58 24.6 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

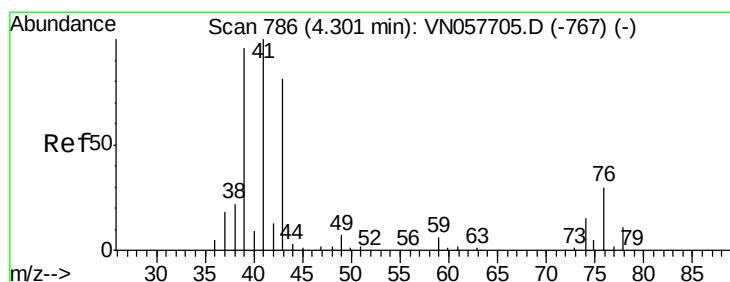
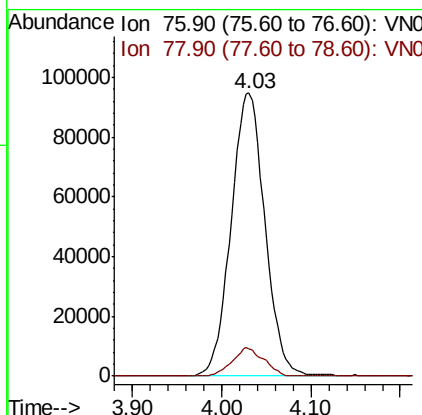
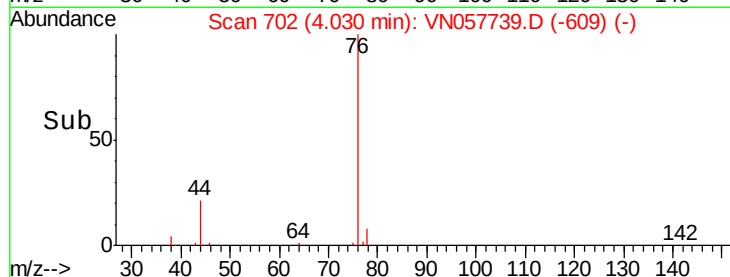
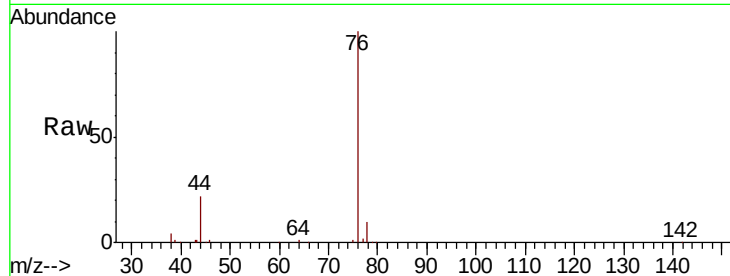




#17
Carbon Disulfide
Concen: 45.565 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN057739.D
Acq: 7 Sep 2019 1:12

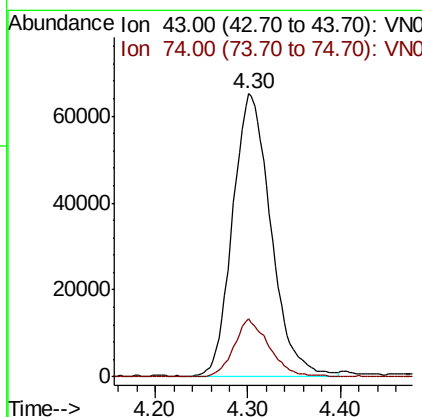
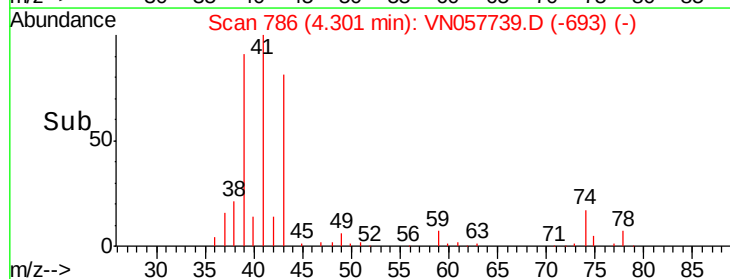
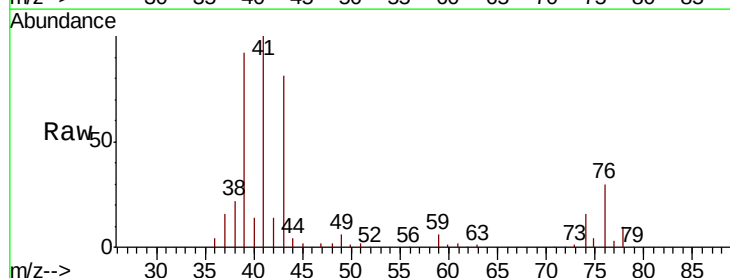
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

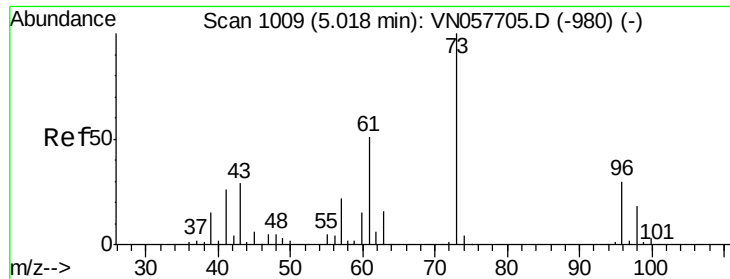
Tgt Ion: 76 Resp: 249483
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6



#18
Methyl Acetate
Concen: 46.736 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.00 min
Lab File: VN057739.D
Acq: 7 Sep 2019 1:12

Tgt Ion: 43 Resp: 185531
Ion Ratio Lower Upper
43 100
74 18.7 15.3 22.9

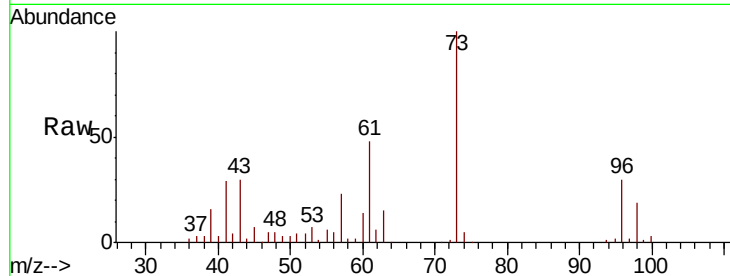




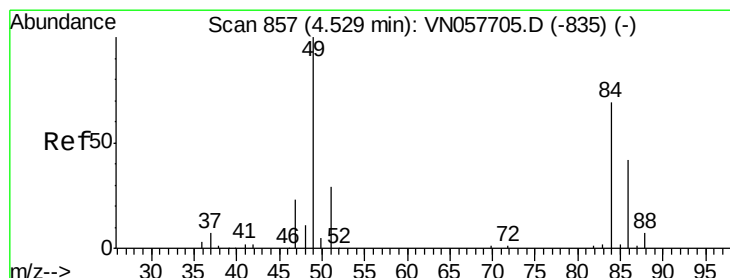
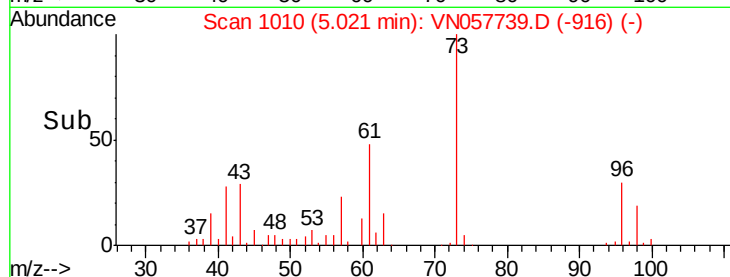
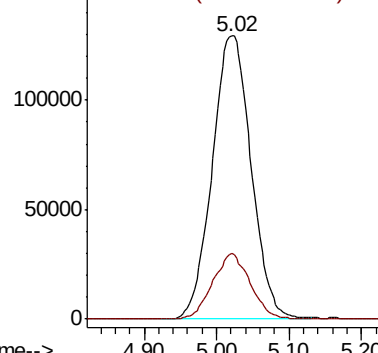
#19
Methyl tert-butyl Ether
Concen: 47.599 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN057739.D
Acq: 7 Sep 2019 1:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 482923
Ion Ratio Lower Upper
73 100
57 23.2 17.7 26.5

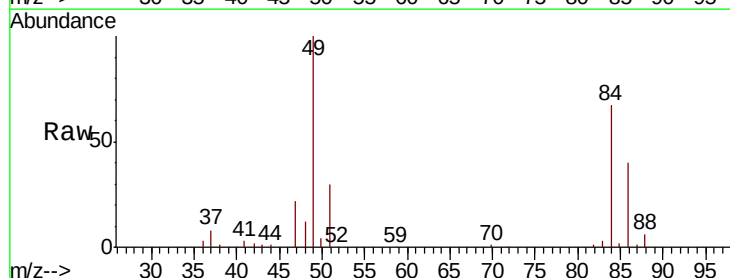


Abundance Ion 73.00 (72.70 to 73.70): VN057705.D (-980) (-)
Ion 57.00 (56.70 to 57.70): VN057705.D (-980) (-)

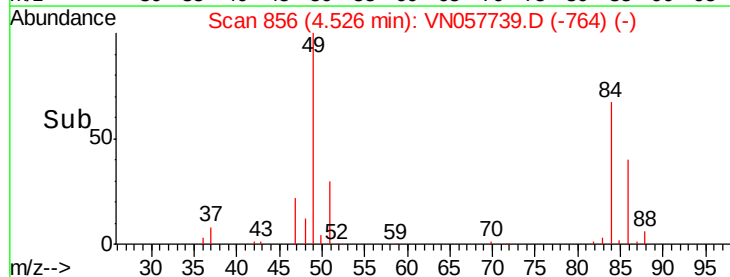
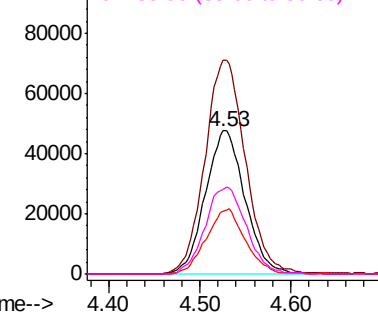


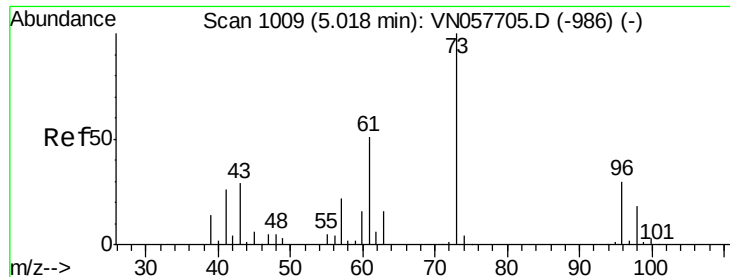
#20
Methylene Chloride
Concen: 45.698 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN057739.D
Acq: 7 Sep 2019 1:12

Tgt Ion: 84 Resp: 144241
Ion Ratio Lower Upper
84 100
49 148.8 115.0 172.6
51 44.2 33.8 50.8
86 59.3 48.2 72.2



Abundance Ion 83.90 (83.60 to 84.60): VN057705.D (-835) (-)
Ion 48.90 (48.60 to 49.60): VN057705.D (-835) (-)
Ion 50.90 (50.60 to 51.60): VN057705.D (-835) (-)
Ion 85.90 (85.60 to 86.60): VN057705.D (-835) (-)





#21

trans-1,2-Dichloroethene

Concen: 47.665 ug/l

RT: 5.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

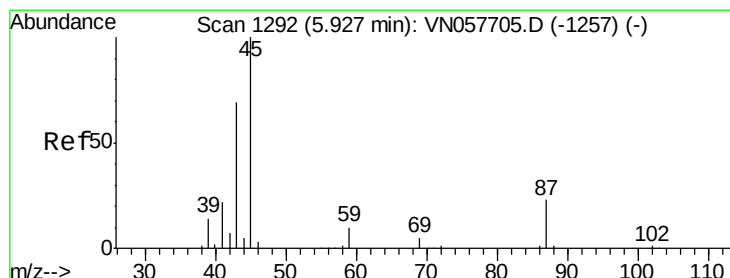
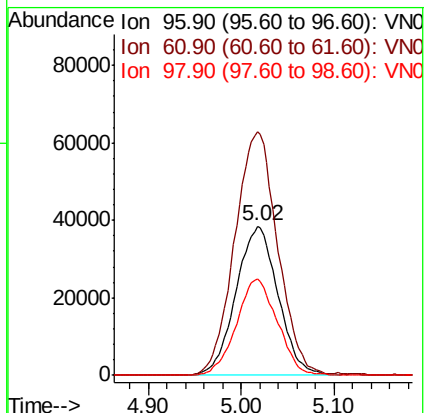
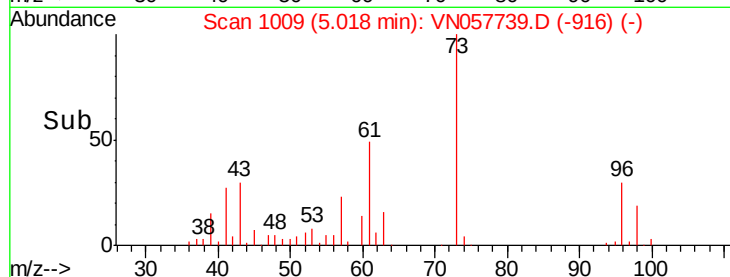
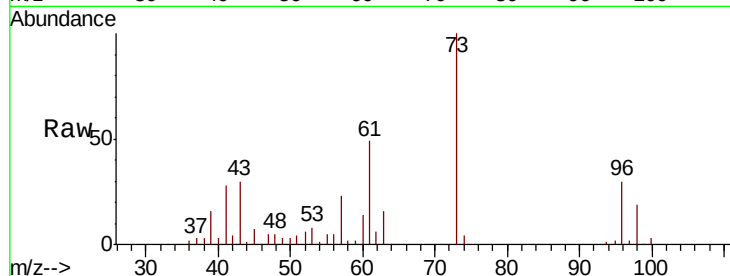
Tgt Ion: 96 Resp: 121210

Ion Ratio Lower Upper

96 100

61 163.5 135.8 203.8

98 64.8 49.0 73.6



#22

Diisopropyl ether

Concen: 48.253 ug/l

RT: 5.93 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

Tgt Ion: 45 Resp: 563710

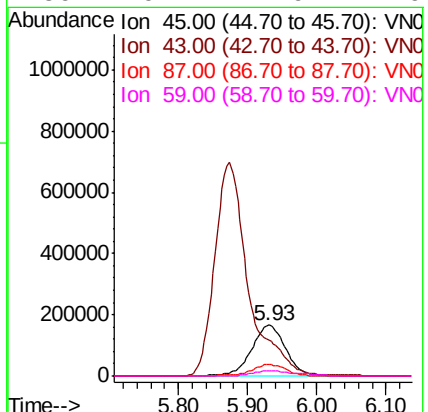
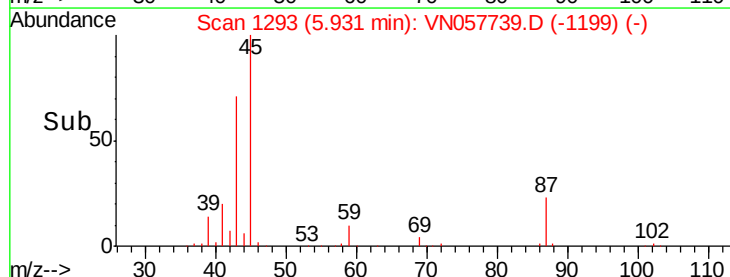
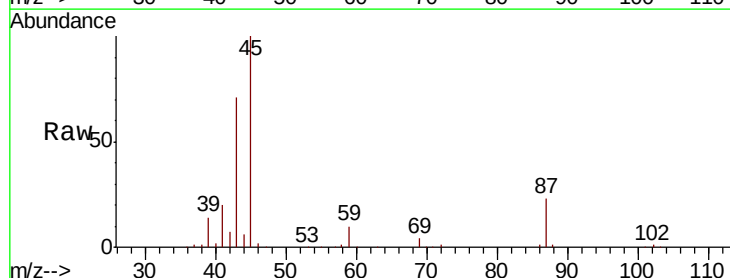
Ion Ratio Lower Upper

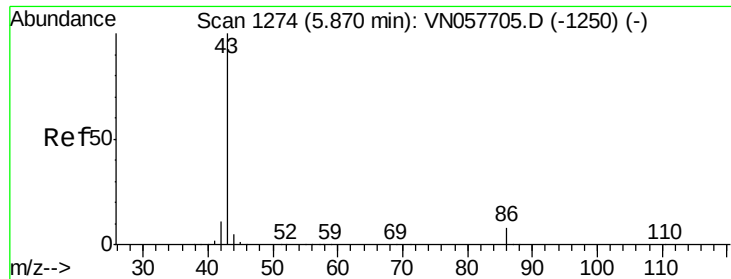
45 100

43 69.1 55.5 83.3

87 22.8 18.6 28.0

59 9.7 7.9 11.9





#23

Vinyl Acetate

Concen: 249.521 ug/l

RT: 5.87 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

Instrument :

MSVOA_N

ClientSampleId :

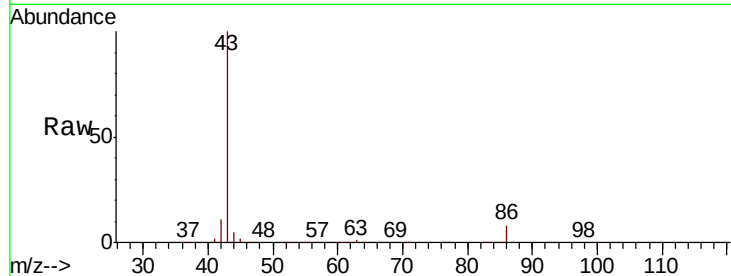
VSTDCCC050EC

Tgt Ion: 43 Resp: 2359394

Ion Ratio Lower Upper

43 100

86 7.8 6.2 9.4



Abundance Ion 43.00 (42.70 to 43.70): VN057739.D (-1181) (-)

Ion 86.00 (85.70 to 86.70): VN057739.D (-1181) (-)

5.87

800000

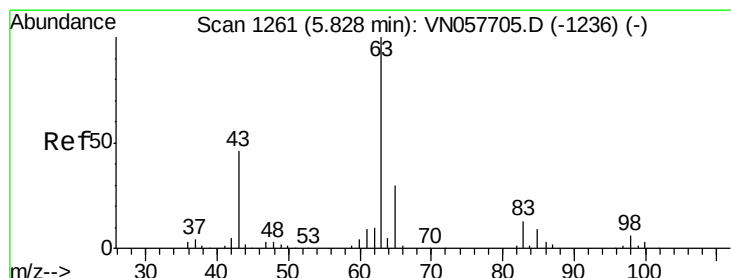
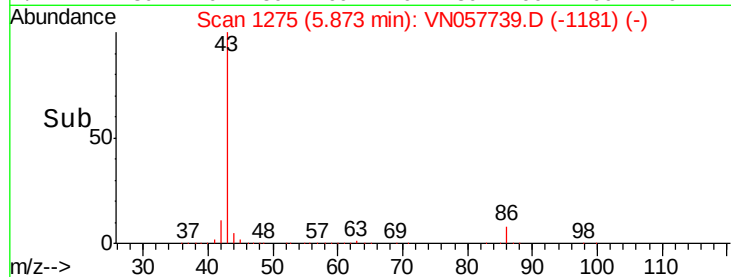
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.837 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

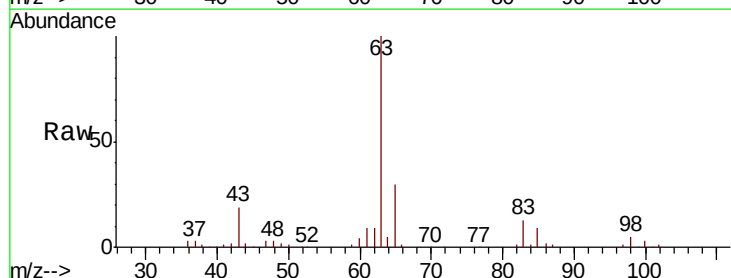
Tgt Ion: 63 Resp: 286545

Ion Ratio Lower Upper

63 100

98 5.3 2.9 8.8

100 3.3 1.7 5.0



Abundance Ion 62.90 (62.60 to 63.60): VN057739.D (-1168) (-)

Ion 97.90 (97.60 to 98.60): VN057739.D (-1168) (-)

Ion 99.90 (99.60 to 100.60): VN057739.D (-1168) (-)

5.82

120000

100000

80000

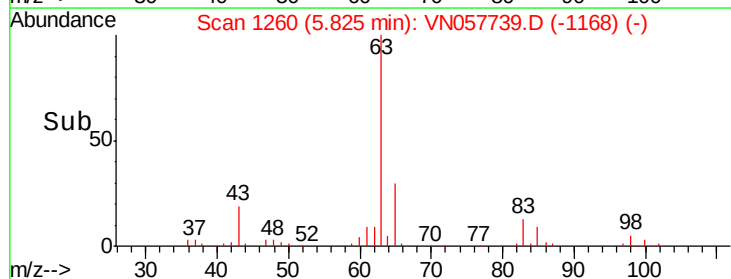
60000

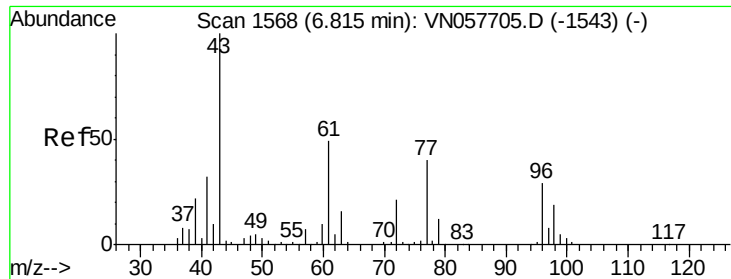
40000

20000

0

Time-->





#25

2-Butanone

Concen: 250.077 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

Instrument :

MSVOA_N

ClientSampleId :

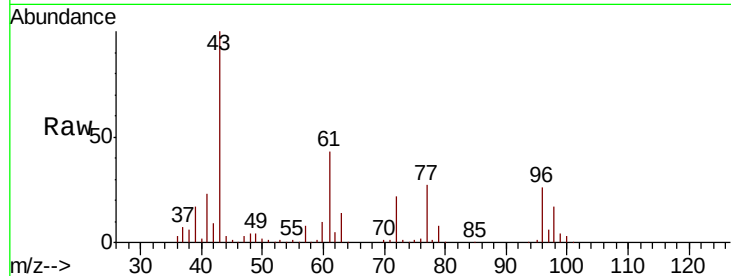
VSTDCCC050EC

Tgt Ion: 43 Resp: 522797

Ion Ratio Lower Upper

43 100

72 21.7 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VN057705.D (-1543) (-)

Ion 72.00 (71.70 to 72.70): VN057705.D (-1543) (-)

6.82

200000

150000

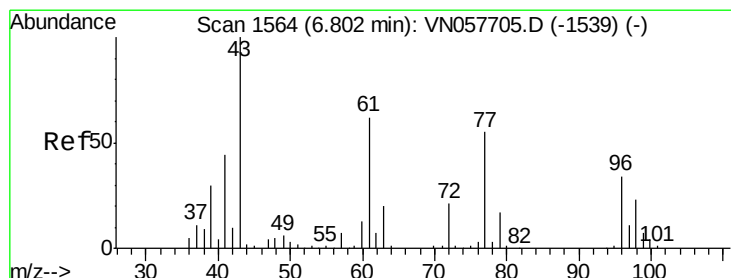
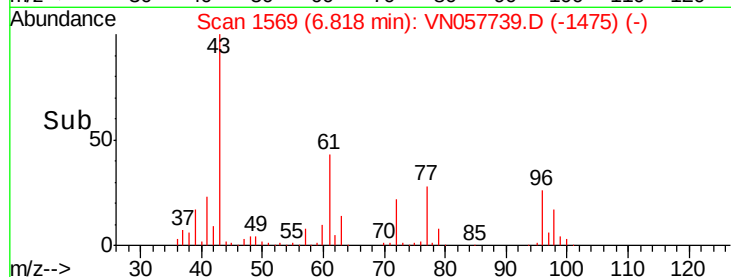
100000

50000

0

6.70 6.75 6.80 6.85 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 38.209 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN057739.D

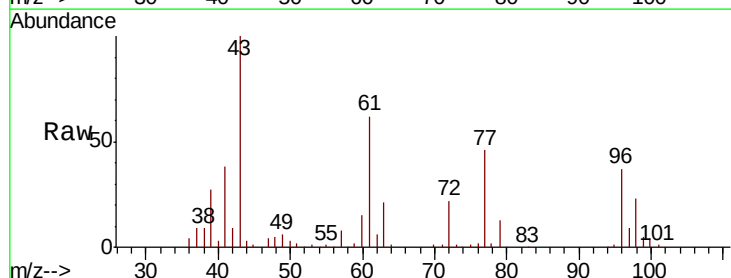
Acq: 7 Sep 2019 1:12

Tgt Ion: 77 Resp: 190935

Ion Ratio Lower Upper

77 100

97 10.8 10.1 30.1



Abundance Ion 76.90 (76.60 to 77.60): VN057705.D (-1539) (-)

Ion 96.90 (96.60 to 97.60): VN057705.D (-1539) (-)

6.80

60000

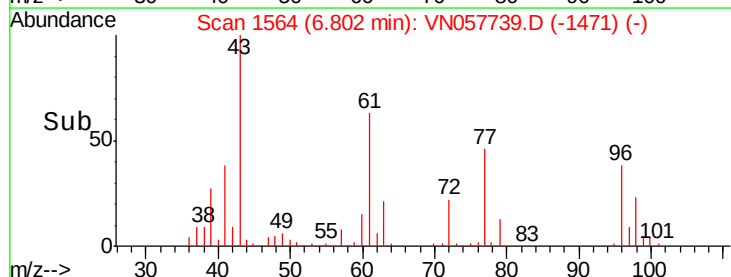
40000

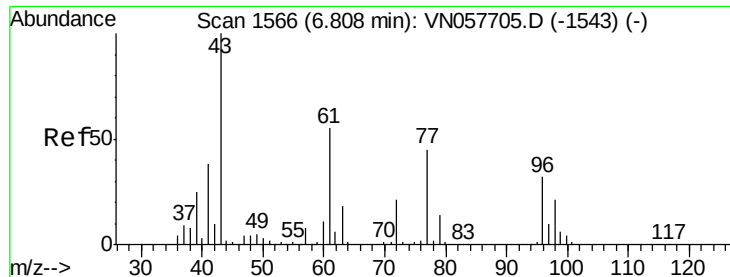
20000

0

6.70 6.75 6.80 6.85 6.90

Time-->

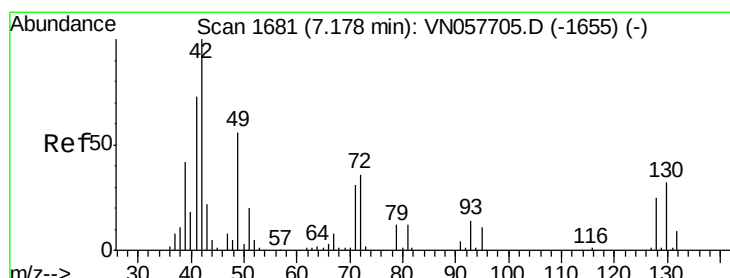
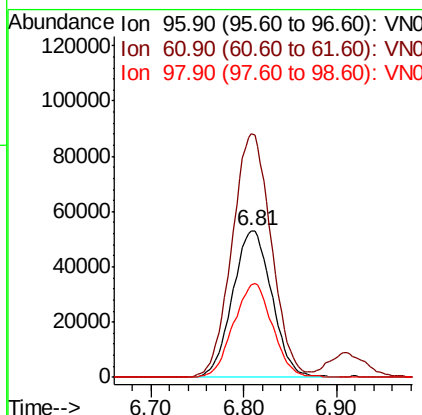
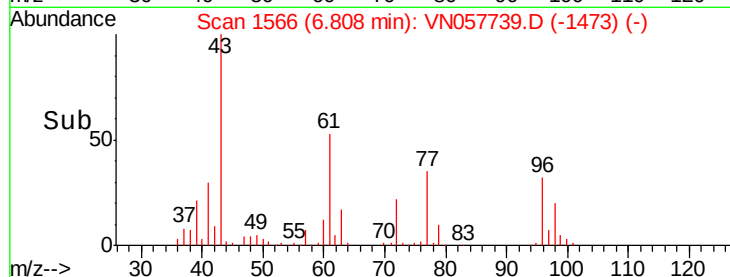
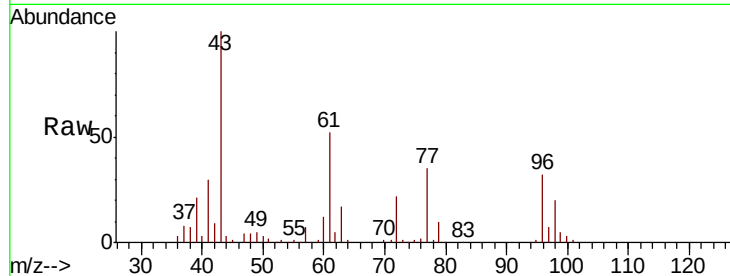




#27
 cis-1,2-Dichloroethene
 Concen: 48.995 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN057739.D
 Acq: 7 Sep 2019 1:12

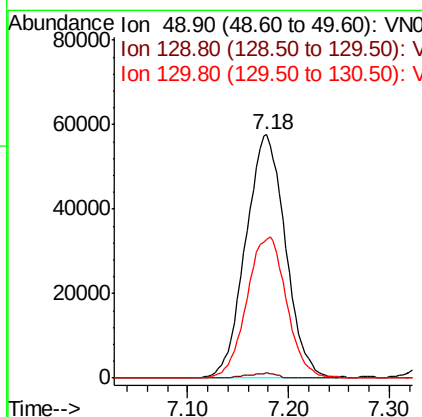
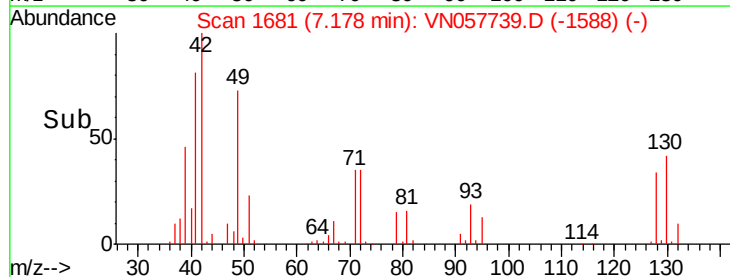
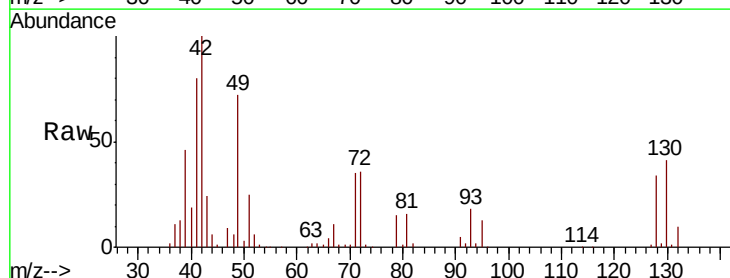
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

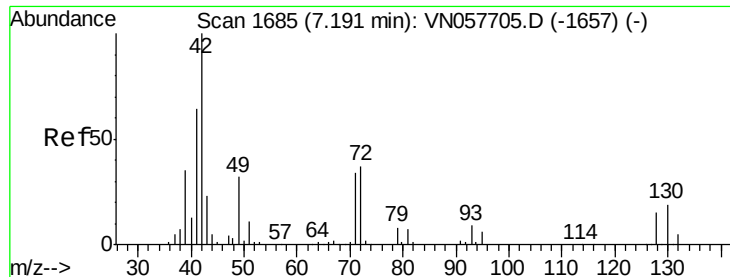
Tgt Ion: 96 Resp: 156388
 Ion Ratio Lower Upper
 96 100
 61 165.8 0.0 360.6
 98 62.9 0.0 130.6



#28
 Bromochloromethane
 Concen: 50.323 ug/l
 RT: 7.18 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VN057739.D
 Acq: 7 Sep 2019 1:12

Tgt Ion: 49 Resp: 157719
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 2.4
 130 57.9 45.8 68.8





#29

Tetrahydrofuran

Concen: 250.217 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

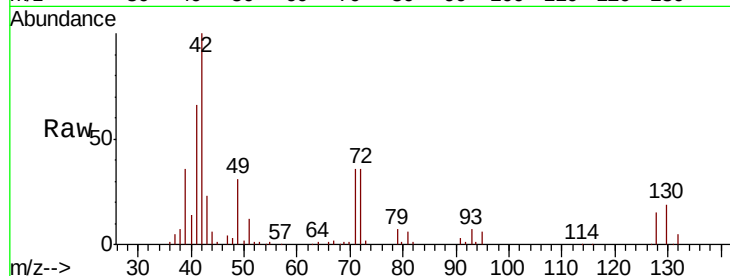
Tgt Ion: 42 Resp: 337339

Ion Ratio Lower Upper

42 100

72 36.3 29.2 43.8

71 34.7 27.0 40.4

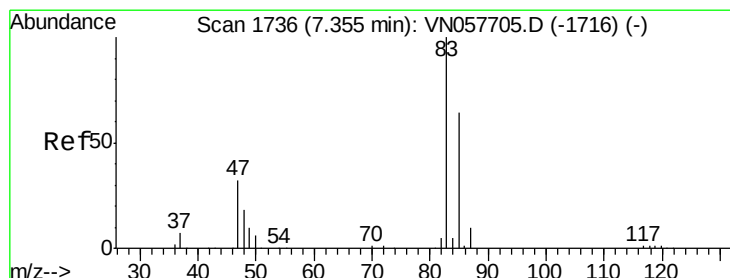
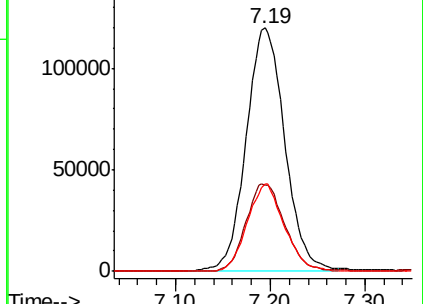
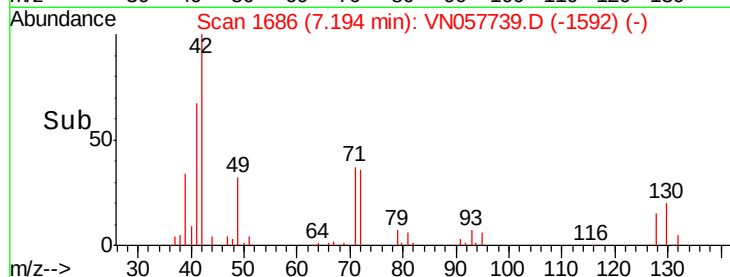


Abundance Ion 42.00 (41.70 to 42.70): VN057705.D (-1657) (-)

Ion 72.00 (71.70 to 72.70): VN057705.D (-1657) (-)

Ion 71.00 (70.70 to 71.70): VN057705.D (-1657) (-)

Time-->



#30

Chloroform

Concen: 47.410 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VN057739.D

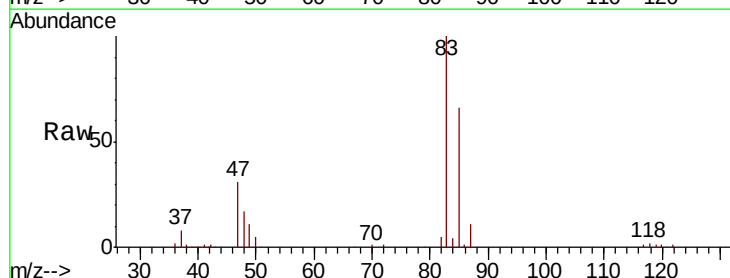
Acq: 7 Sep 2019 1:12

Tgt Ion: 83 Resp: 295917

Ion Ratio Lower Upper

83 100

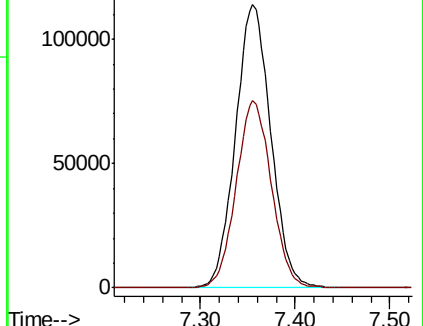
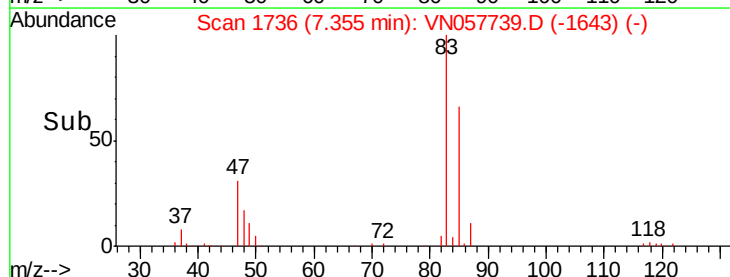
85 66.3 51.3 76.9

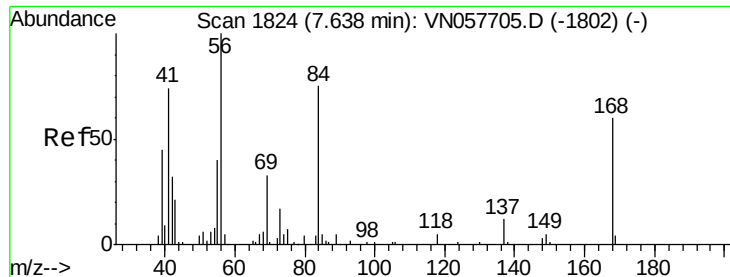


Abundance Ion 82.90 (82.60 to 83.60): VN057705.D (-1716) (-)

Ion 84.90 (84.60 to 85.60): VN057705.D (-1716) (-)

Time-->

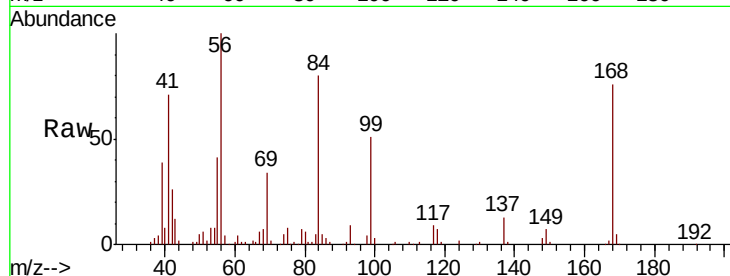




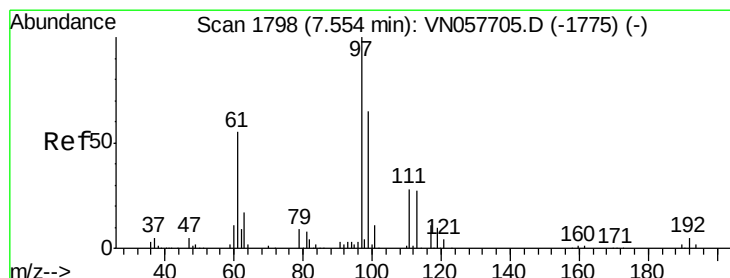
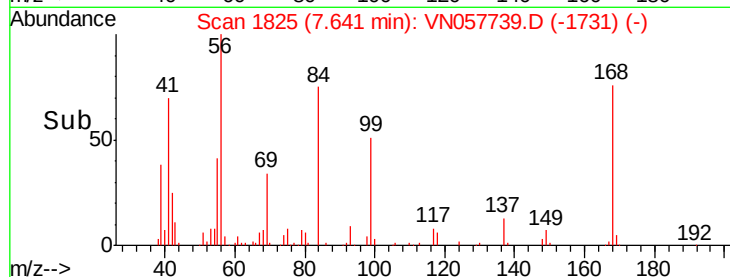
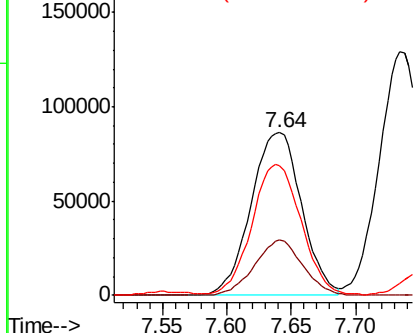
#31
Cyclohexane
Concen: 44.330 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN057739.D
Acq: 7 Sep 2019 1:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 236027
Ion Ratio Lower Upper
56 100
69 33.9 26.2 39.2
84 78.1 59.8 89.8

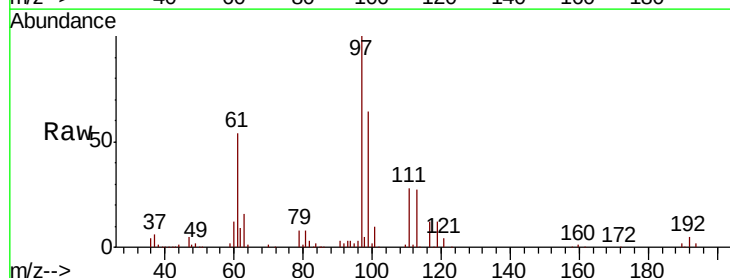


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

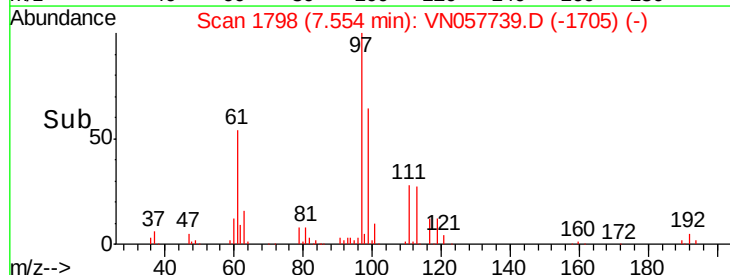
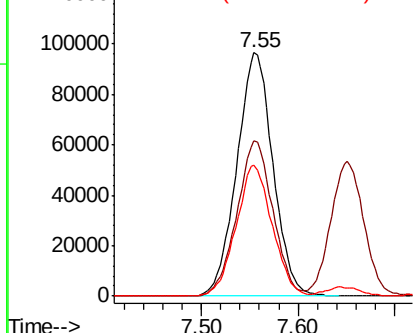


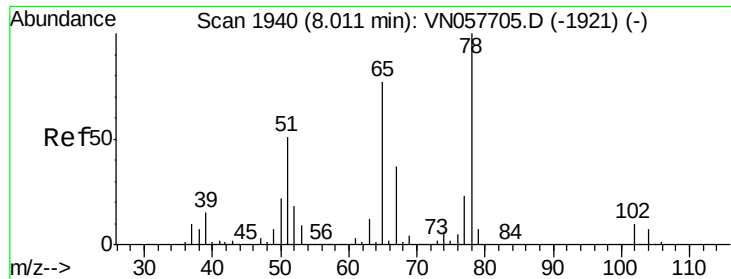
#32
1,1,1-Trichloroethane
Concen: 48.246 ug/l
RT: 7.55 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VN057739.D
Acq: 7 Sep 2019 1:12

Tgt Ion: 97 Resp: 250830
Ion Ratio Lower Upper
97 100
99 63.4 51.2 76.8
61 53.7 42.8 64.2



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

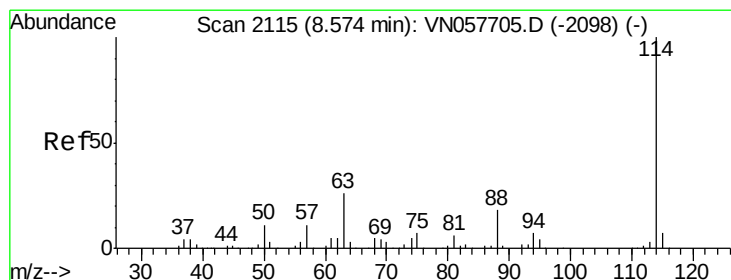
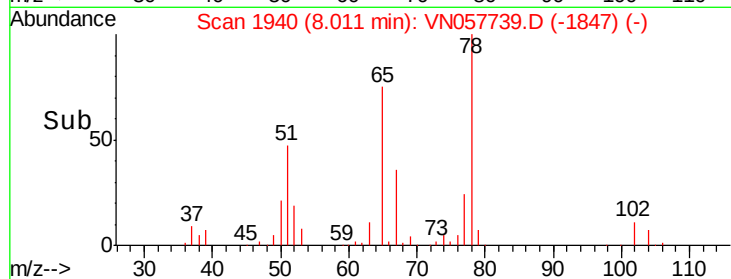
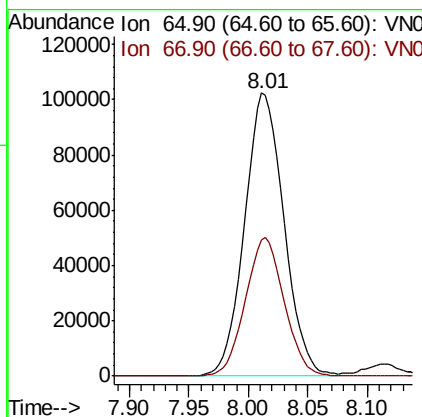
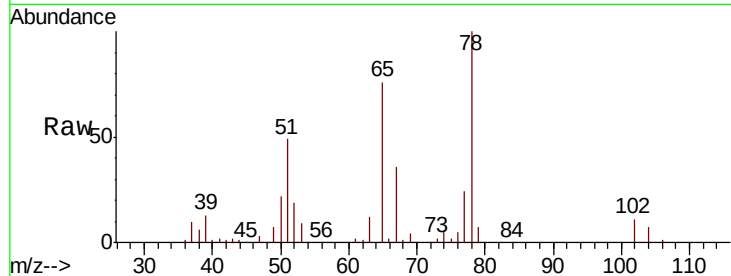




#33
 1,2-Dichloroethane-d4
 Concen: 49.541 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN057739.D
 Acq: 7 Sep 2019 1:12

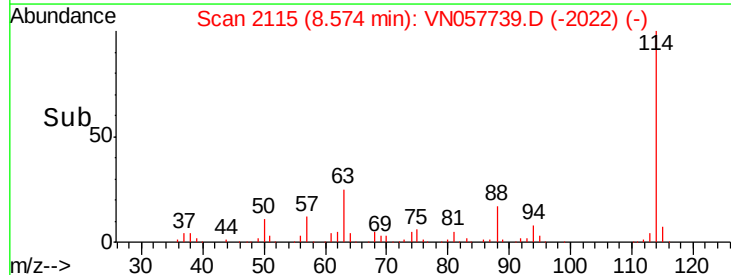
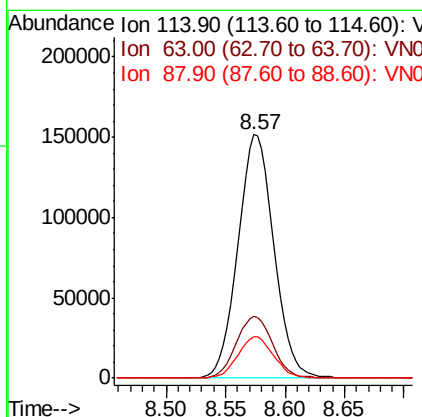
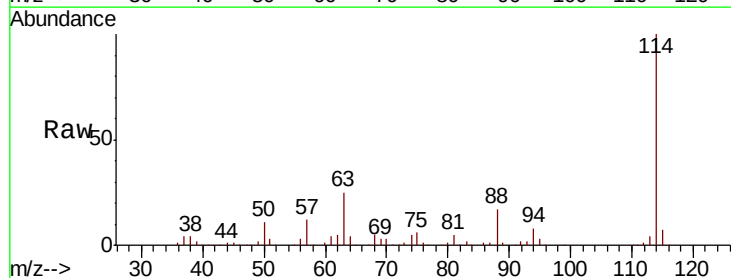
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

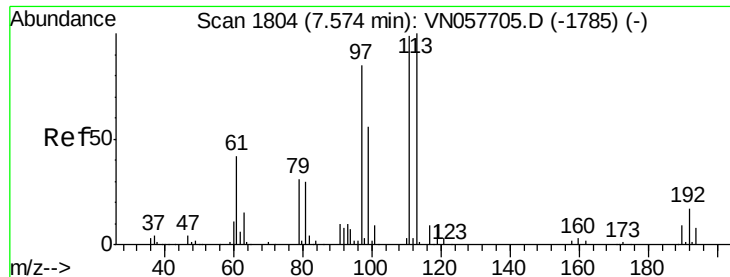
Tgt Ion: 65 Resp: 235006
 Ion Ratio Lower Upper
 65 100
 67 48.1 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057739.D
 Acq: 7 Sep 2019 1:12

Tgt Ion: 114 Resp: 317363
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 52.4
 88 17.1 0.0 35.4

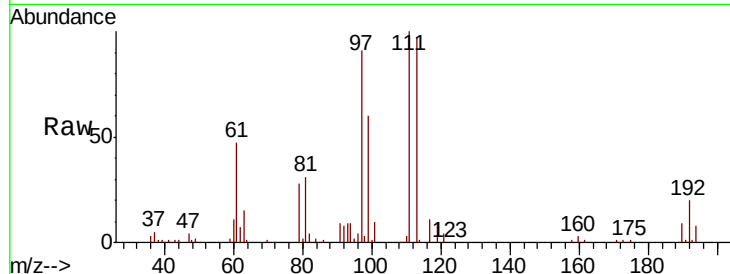




#35
 Dibromofluoromethane
 Concen: 50.171 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057739.D
 Acq: 7 Sep 2019 1:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.7	124.1
192	18.0	13.8	20.6

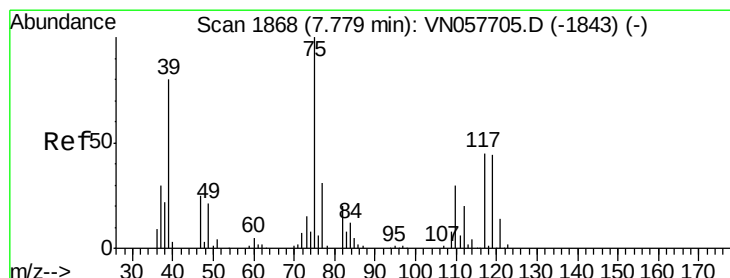
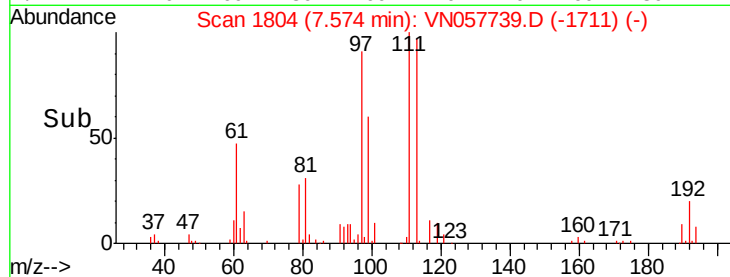
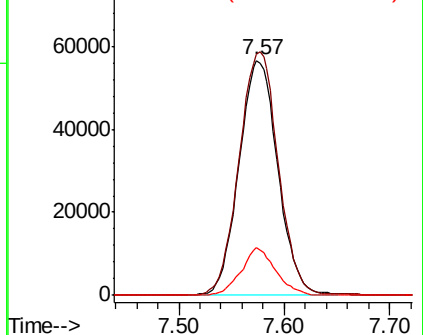


Abundance

Ion 112.80 (112.50 to 113.50): V

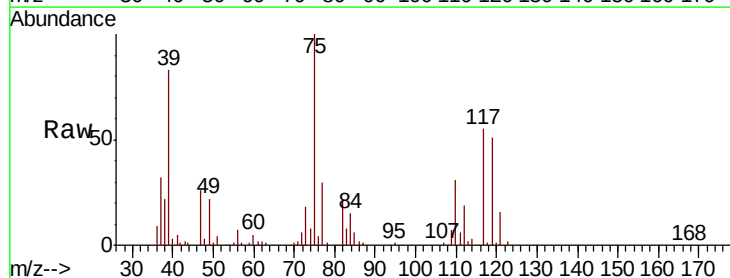
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 47.906 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN057739.D
 Acq: 7 Sep 2019 1:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.5	15.0	45.0
77	30.2	24.6	37.0

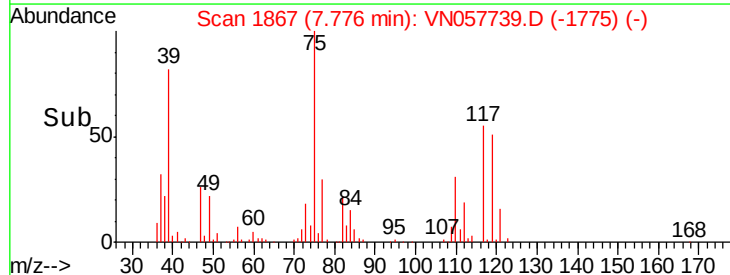
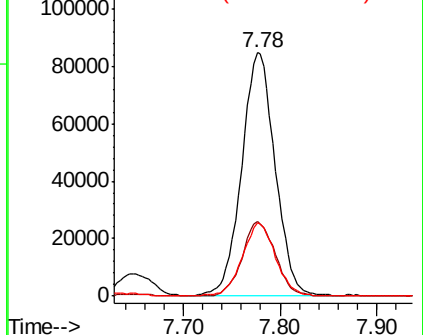


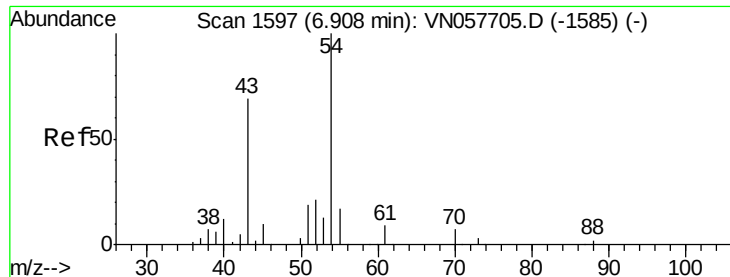
Abundance

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

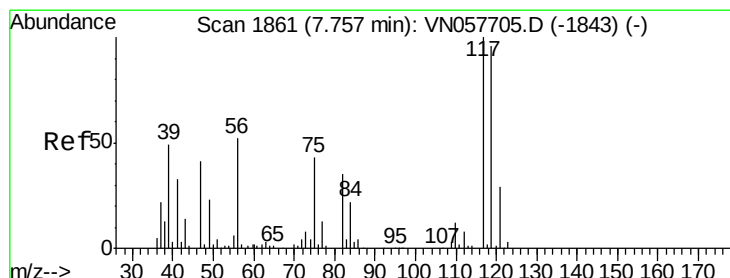
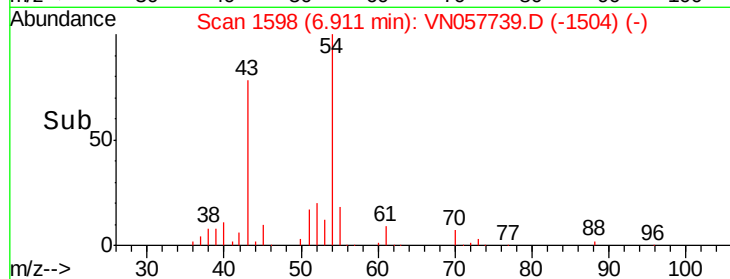
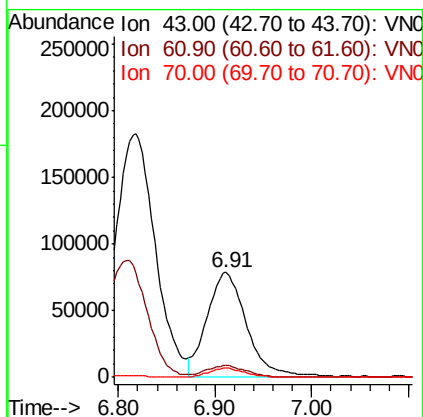
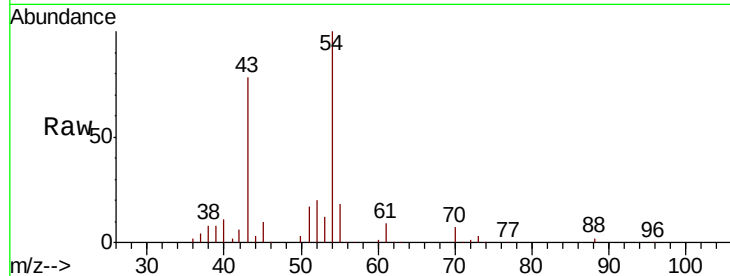




#37
Ethyl Acetate
Concen: 52.532 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VN057739.D
Acq: 7 Sep 2019 1:12

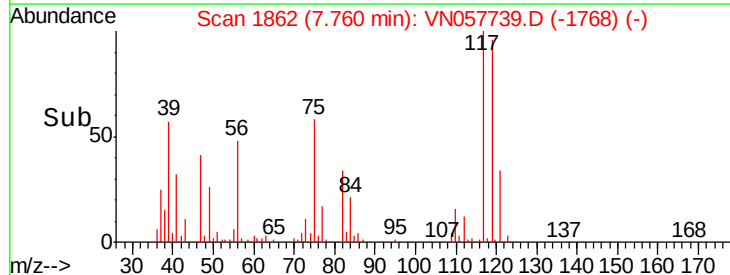
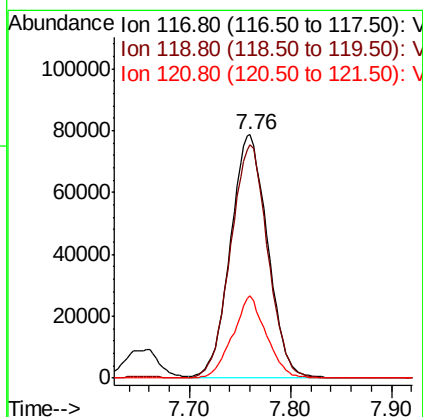
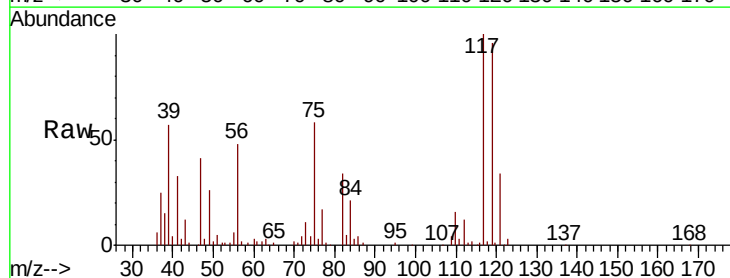
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

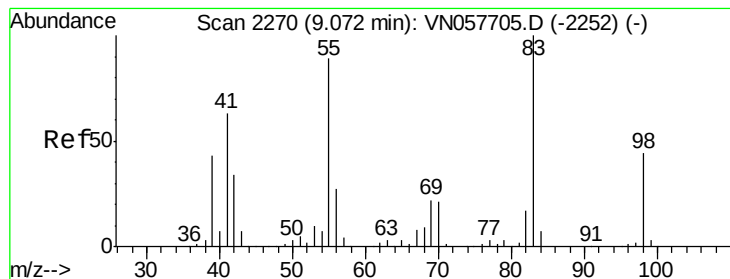
Tgt Ion: 43 Resp: 220190
Ion Ratio Lower Upper
43 100
61 11.7 9.8 14.8
70 8.0 6.7 10.1



#38
Carbon Tetrachloride
Concen: 49.778 ug/l
RT: 7.76 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VN057739.D
Acq: 7 Sep 2019 1:12

Tgt Ion: 117 Resp: 201234
Ion Ratio Lower Upper
117 100
119 95.8 76.1 114.1
121 33.7 23.4 35.2





#39

Methylcyclohexane

Concen: 47.477 ug/l

RT: 9.07 min Scan# 2270

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

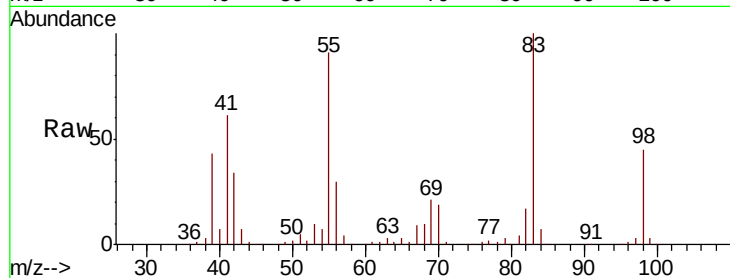
Tgt Ion: 83 Resp: 212020

Ion Ratio Lower Upper

83 100

55 91.4 71.4 107.0

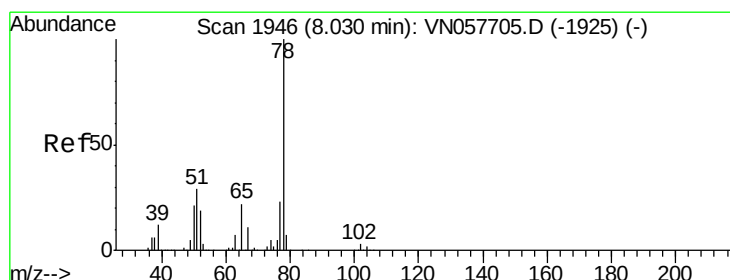
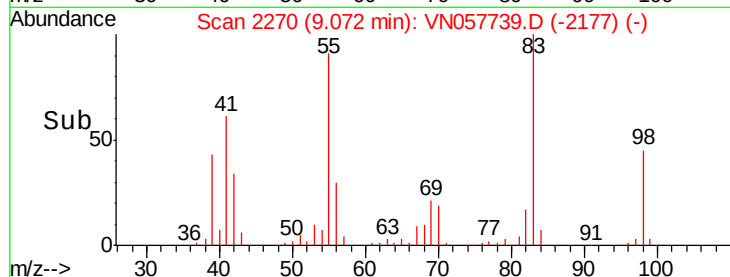
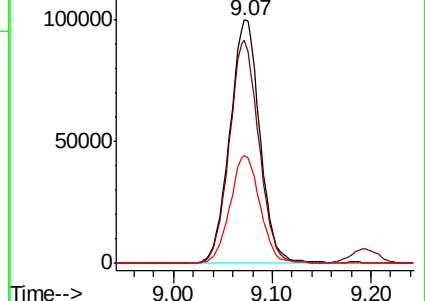
98 44.6 35.3 52.9



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: 49.270 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN057739.D

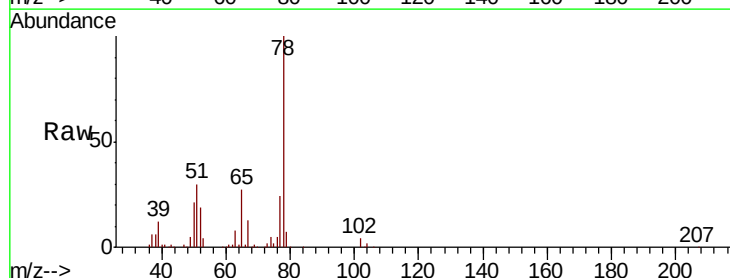
Acq: 7 Sep 2019 1:12

Tgt Ion: 78 Resp: 588376

Ion Ratio Lower Upper

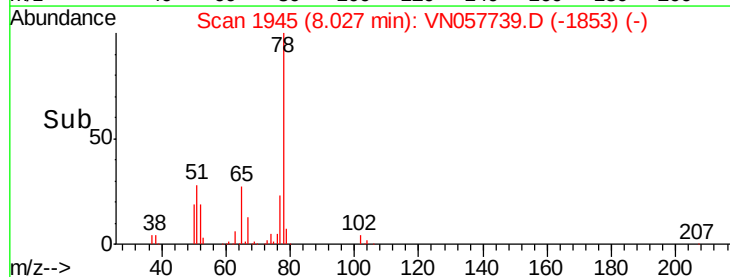
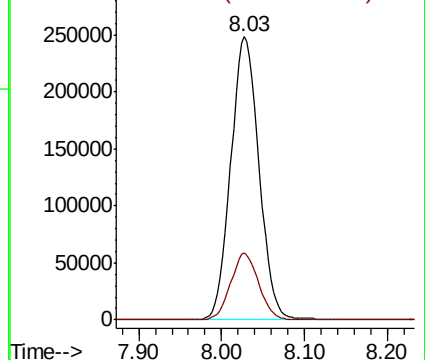
78 100

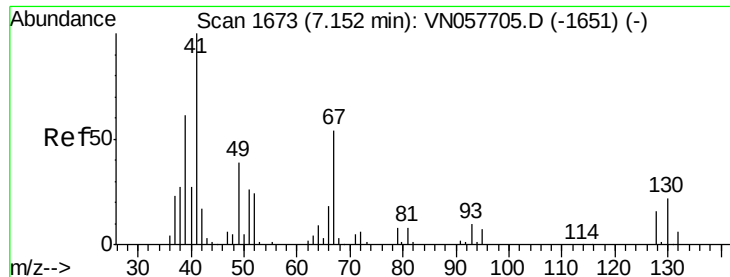
77 23.7 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

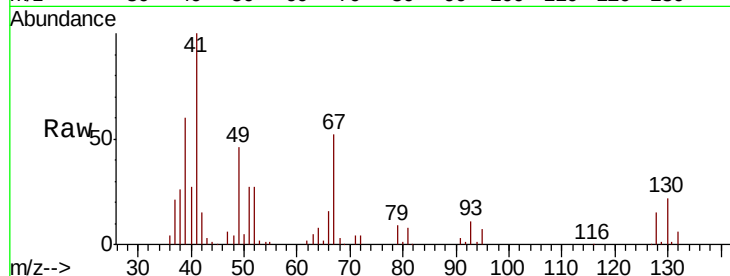




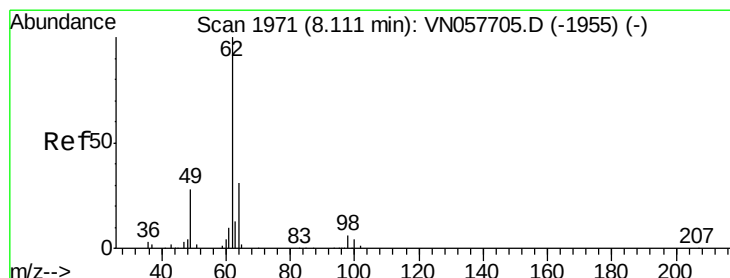
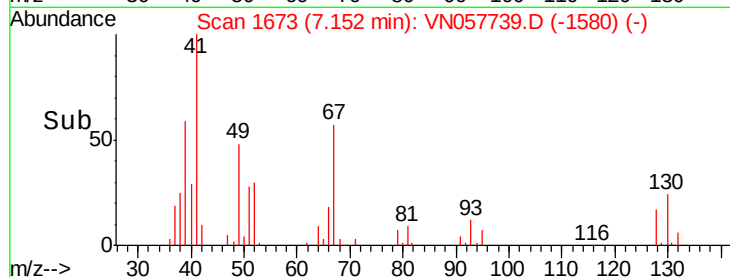
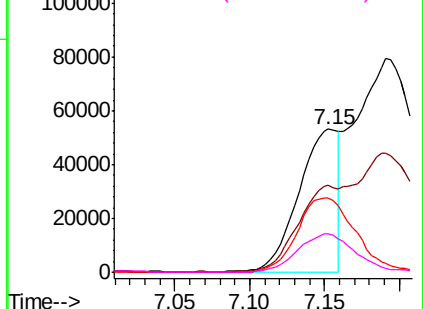
#41
Methacrylonitrile
Concen: 47.741 ug/l
RT: 7.15 min Scan# 1673
Delta R.T. 0.00 min
Lab File: VN057739.D
Acq: 7 Sep 2019 1:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	97816
Ion	Ratio	Lower	Upper
41	100		
39	61.0	43.6	65.4
67	76.9	59.8	89.6
52	39.7	30.7	46.1

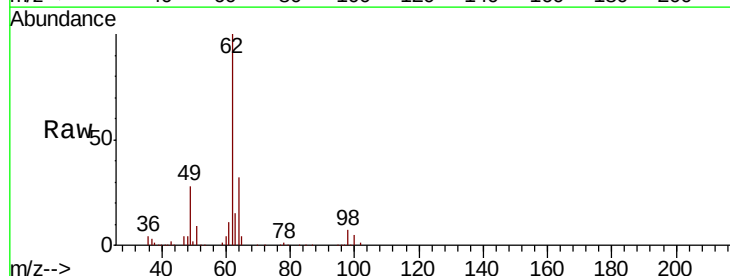


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

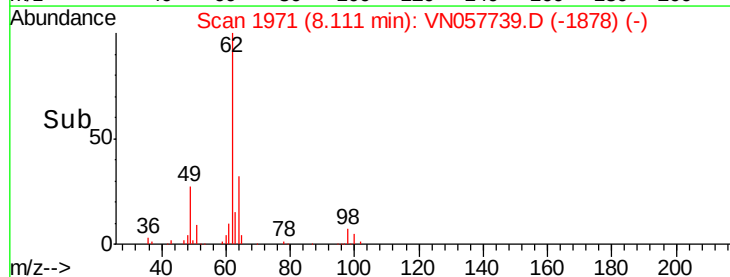
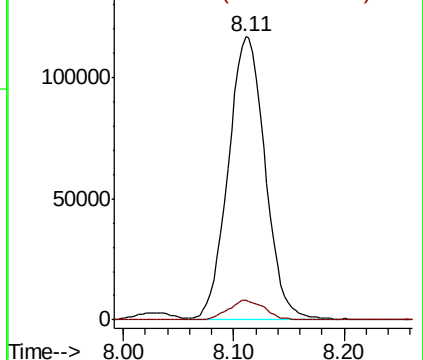


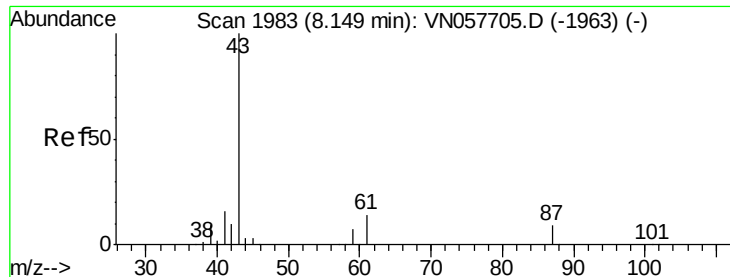
#42
1,2-Dichloroethane
Concen: 48.062 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VN057739.D
Acq: 7 Sep 2019 1:12

Tgt Ion:	62	Resp:	269030
Ion	Ratio	Lower	Upper
62	100		
98	6.8	0.0	12.6



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 49.464 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

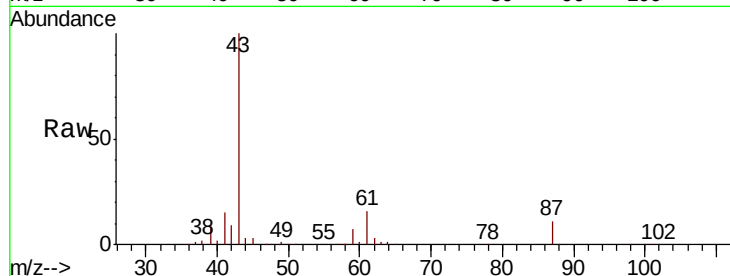
Tgt Ion: 43 Resp: 397957

Ion Ratio Lower Upper

43 100

61 15.9 12.8 19.2

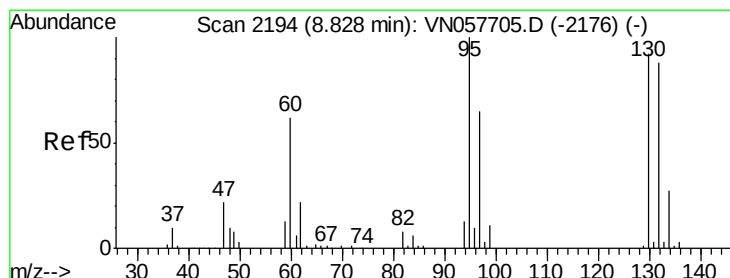
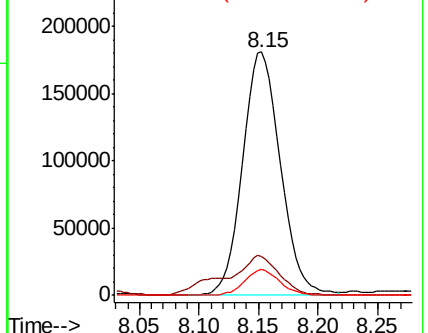
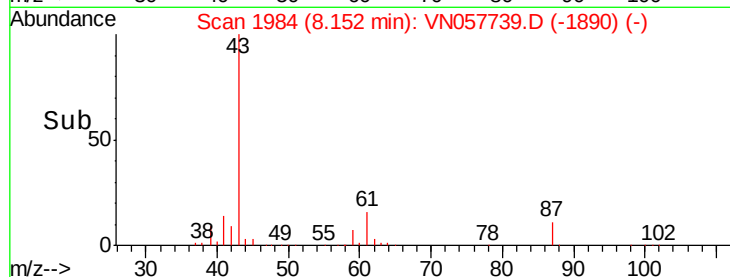
87 10.0 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN057739.D (-1890) (-)

Ion 61.00 (60.70 to 61.70): VN057739.D (-1890) (-)

Ion 87.00 (86.70 to 87.70): VN057739.D (-1890) (-)



#44

Trichloroethene

Concen: 50.935 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN057739.D

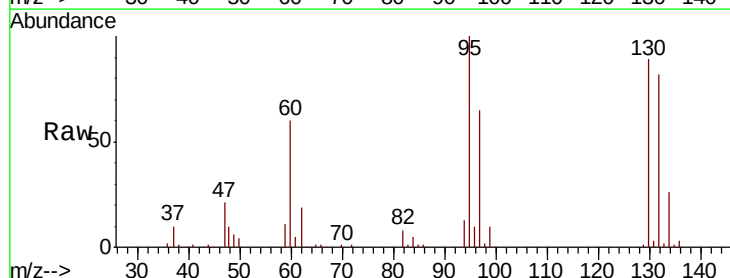
Acq: 7 Sep 2019 1:12

Tgt Ion: 130 Resp: 136708

Ion Ratio Lower Upper

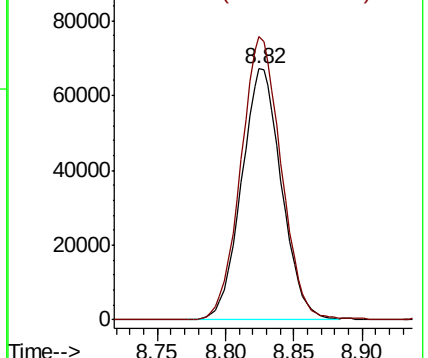
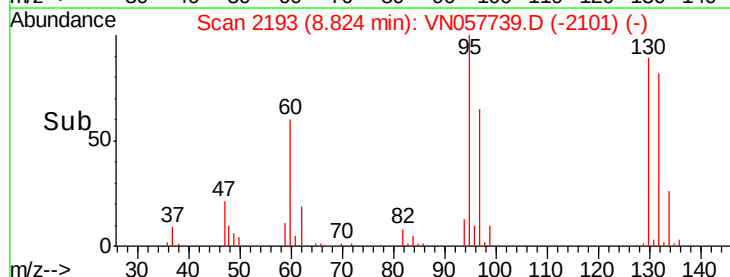
130 100

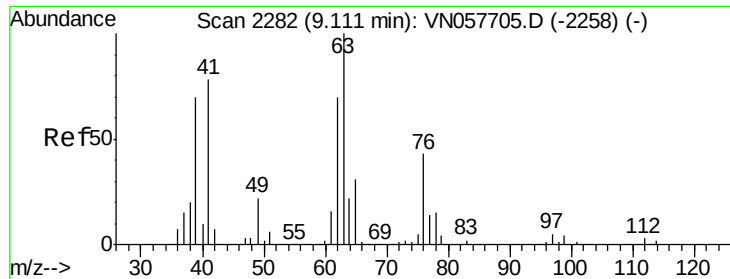
95 112.8 0.0 217.8



Abundance Ion 129.80 (129.50 to 130.50): VN057739.D (-2101) (-)

Ion 94.90 (94.60 to 95.60): VN057739.D (-2101) (-)

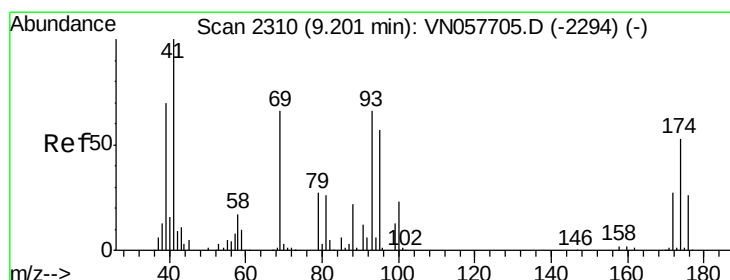
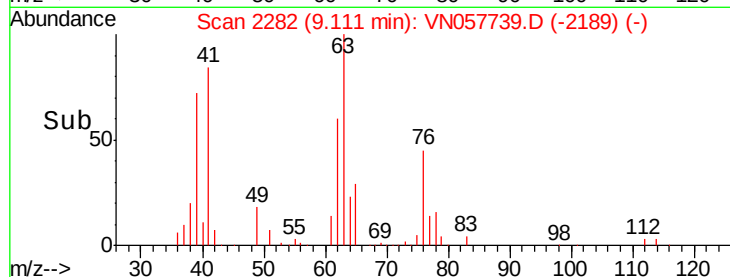
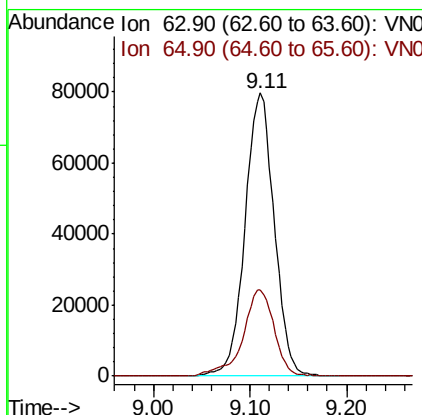
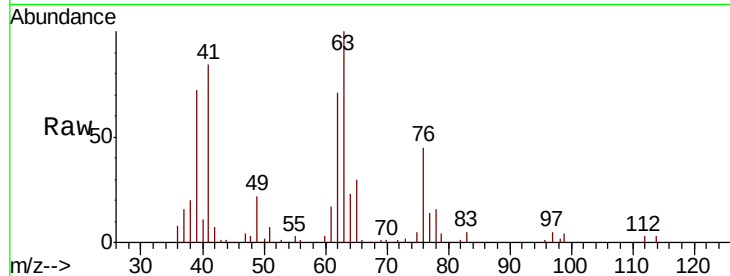




#45
 1,2-Dichloropropane
 Concen: 50.056 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057739.D
 Acq: 7 Sep 2019 1:12

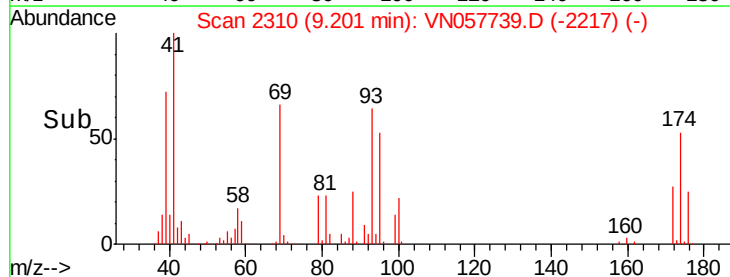
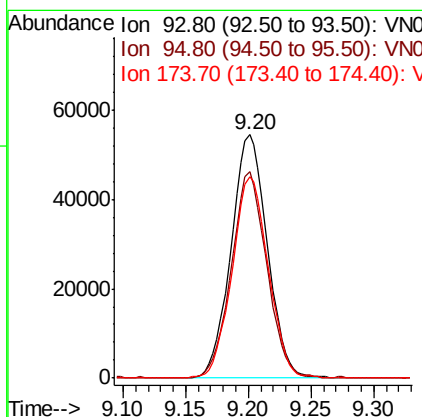
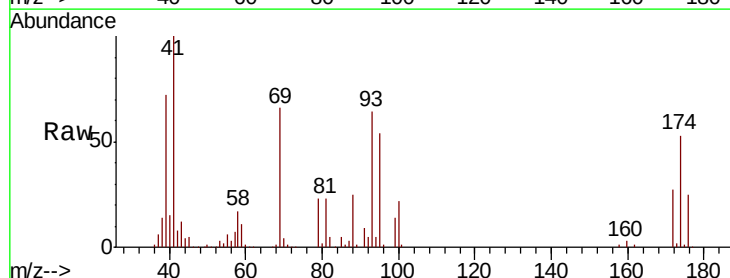
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

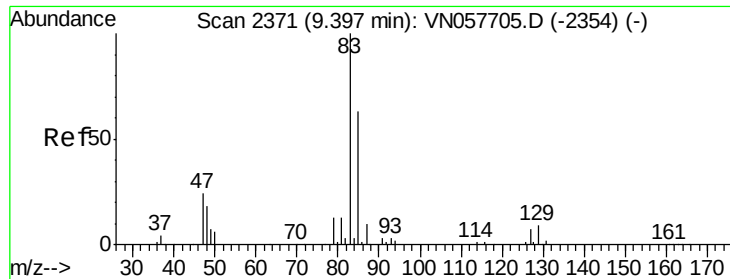
Tgt Ion: 63 Resp: 167182
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.5 36.7



#46
 Dibromomethane
 Concen: 51.073 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057739.D
 Acq: 7 Sep 2019 1:12

Tgt Ion: 93 Resp: 109420
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.1 99.1
 174 82.7 63.4 95.2

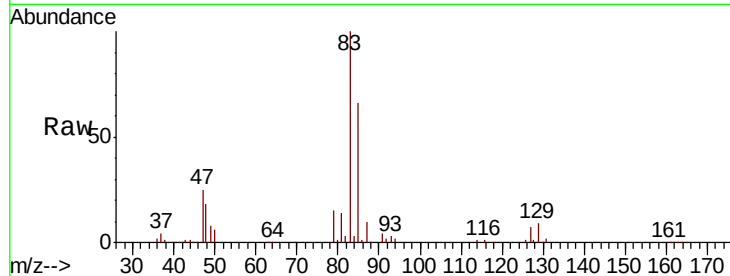




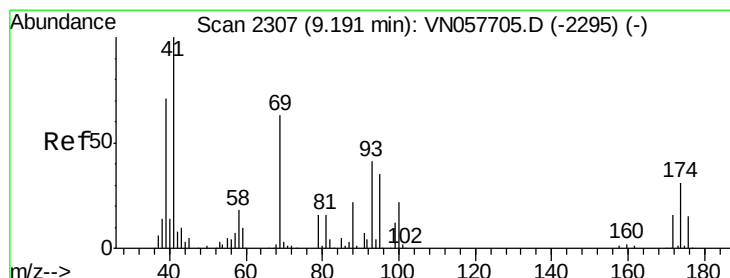
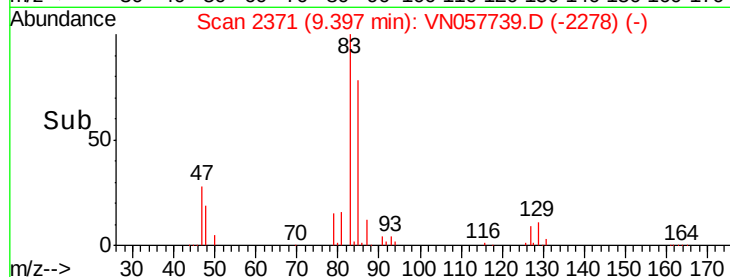
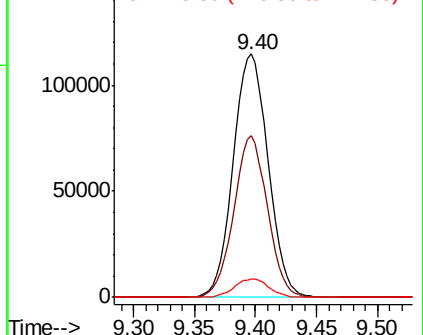
#47
Bromodichloromethane
Concen: 49.948 ug/l
RT: 9.40 min Scan# 2371
Delta R.T. 0.00 min
Lab File: VN057739.D
Acq: 7 Sep 2019 1:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 227416
Ion Ratio Lower Upper
83 100
85 66.3 50.7 76.1
127 7.3 5.6 8.4

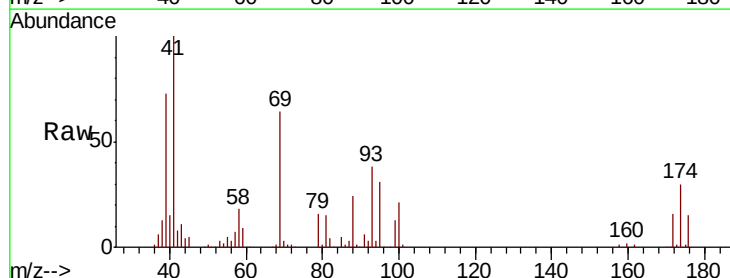


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

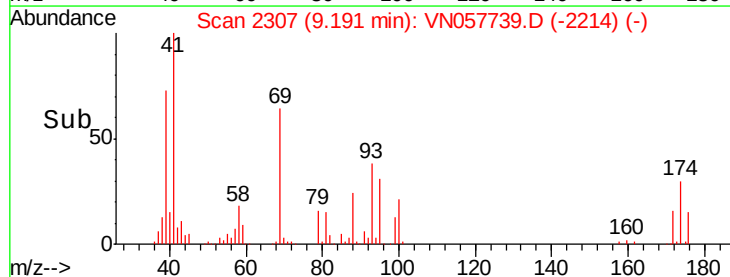
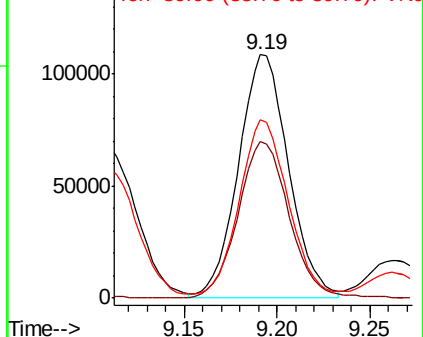


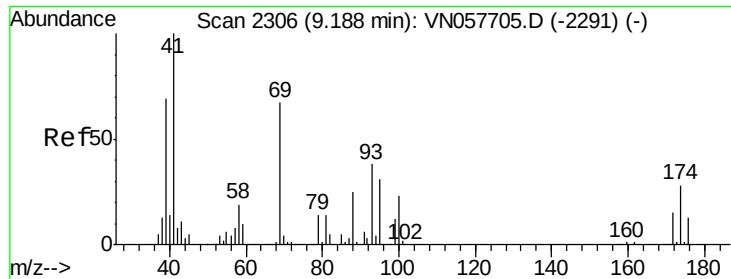
#48
Methyl methacrylate
Concen: 49.355 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN057739.D
Acq: 7 Sep 2019 1:12

Tgt Ion: 41 Resp: 204214
Ion Ratio Lower Upper
41 100
69 65.5 51.2 76.8
39 72.6 57.3 85.9



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 1091.416 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.01 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

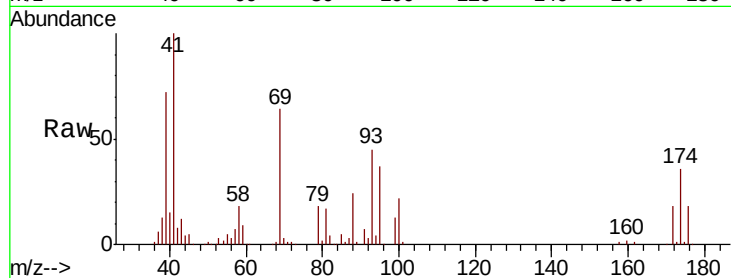
Tgt Ion: 88 Resp: 52544

Ion Ratio Lower Upper

88 100

43 44.0 35.4 53.2

58 76.2 61.5 92.3

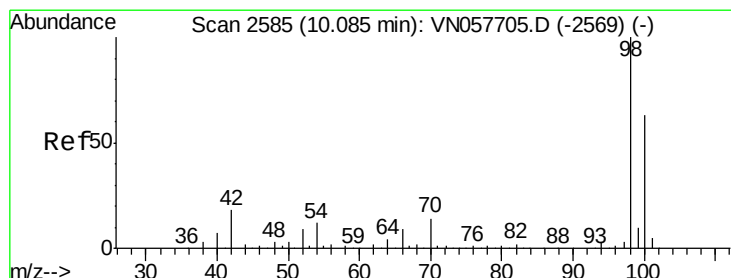
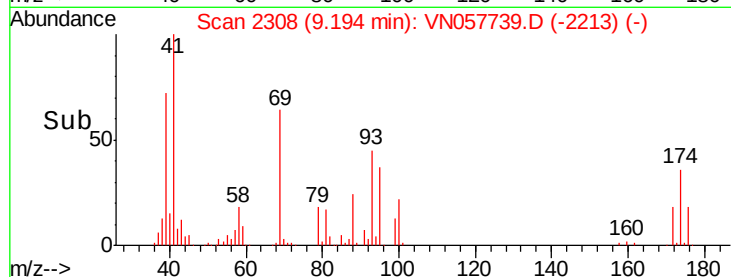
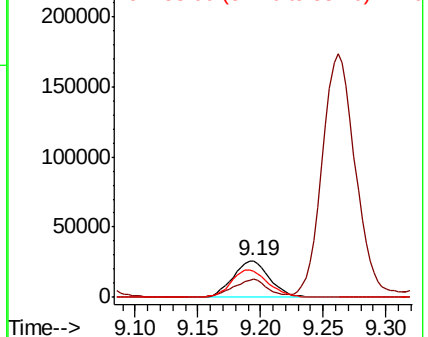


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.891 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057739.D

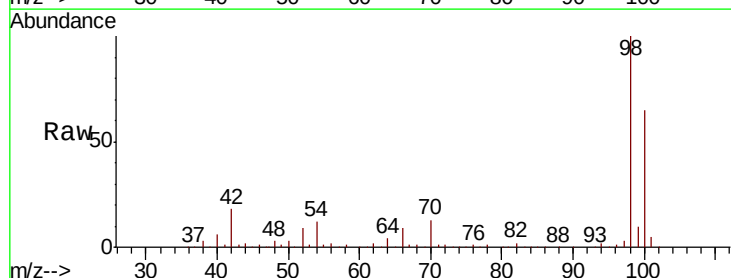
Acq: 7 Sep 2019 1:12

Tgt Ion: 98 Resp: 544191

Ion Ratio Lower Upper

98 100

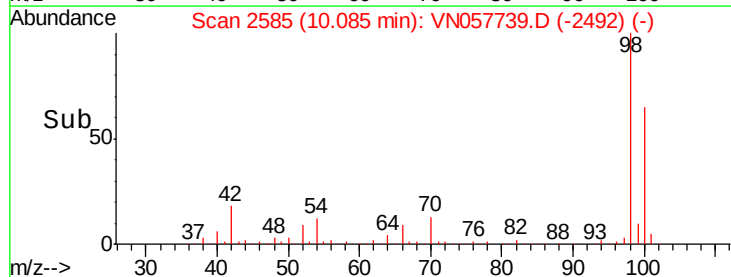
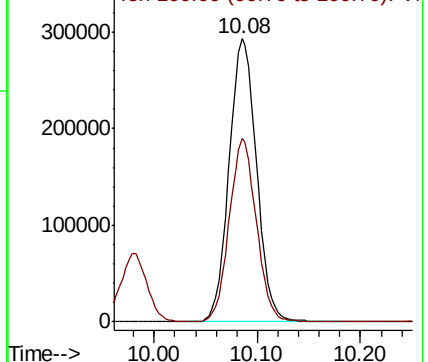
100 63.5 50.7 76.1

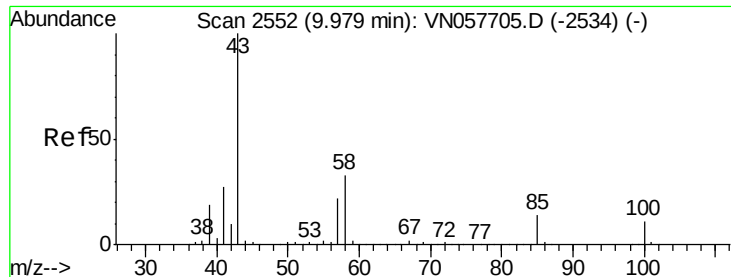


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 266.701 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

Instrument :

MSVOA_N

ClientSampleId :

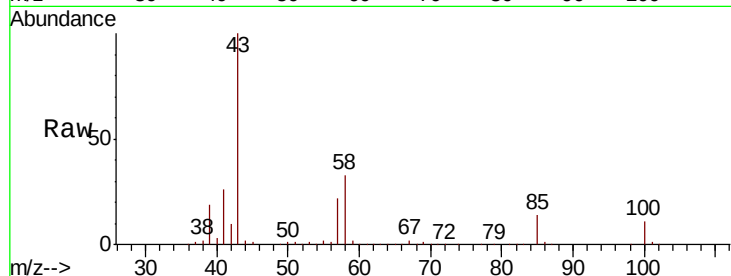
VSTDCCC050EC

Tgt Ion: 43 Resp: 1191635

Ion Ratio Lower Upper

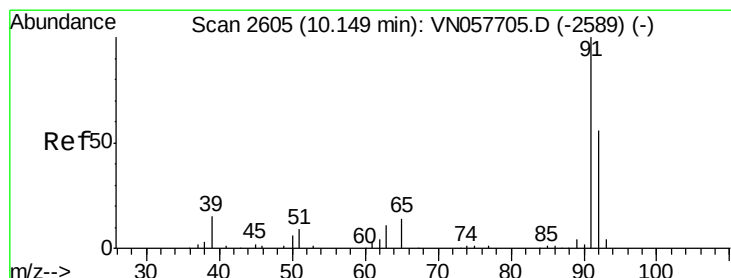
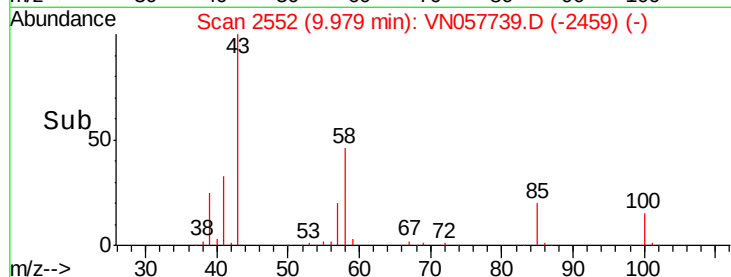
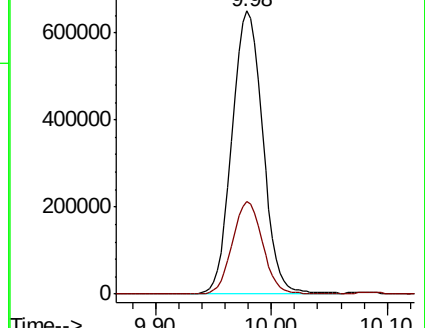
43 100

58 32.3 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN057705.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN057705.D (-2534) (-)



#52

Toluene

Concen: 50.221 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN057739.D

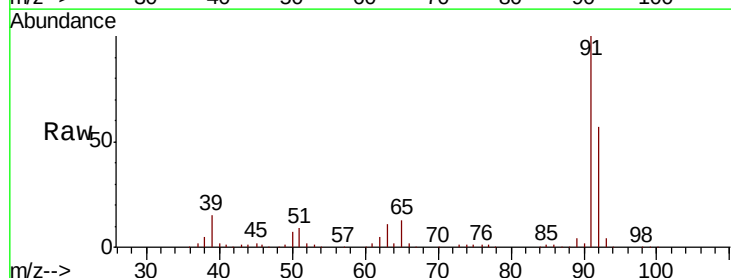
Acq: 7 Sep 2019 1:12

Tgt Ion: 92 Resp: 363497

Ion Ratio Lower Upper

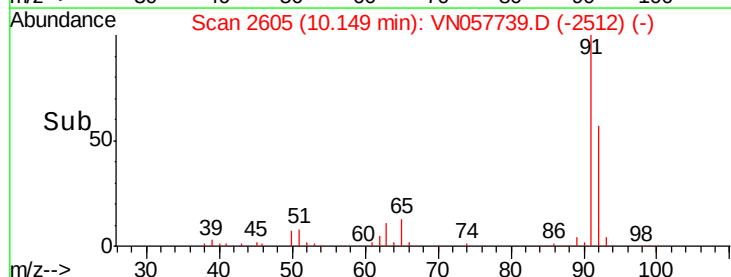
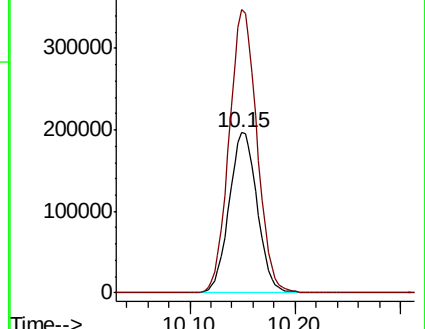
92 100

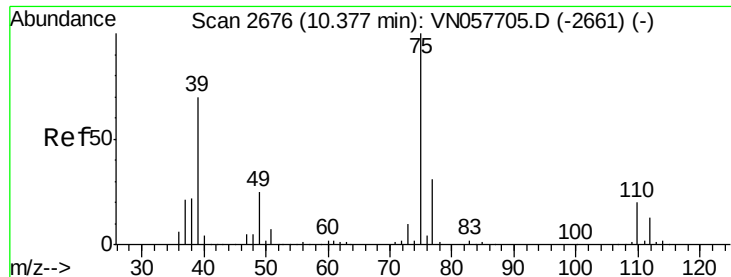
91 174.6 141.5 212.3



Abundance Ion 92.00 (91.70 to 92.70): VN057705.D (-2589) (-)

Ion 91.00 (90.70 to 91.70): VN057705.D (-2589) (-)

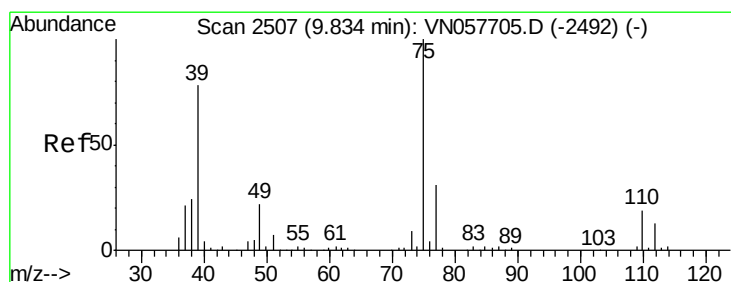
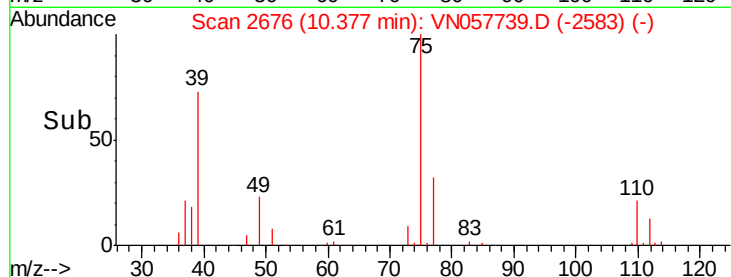
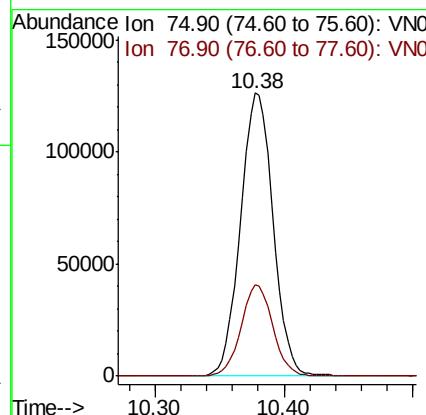
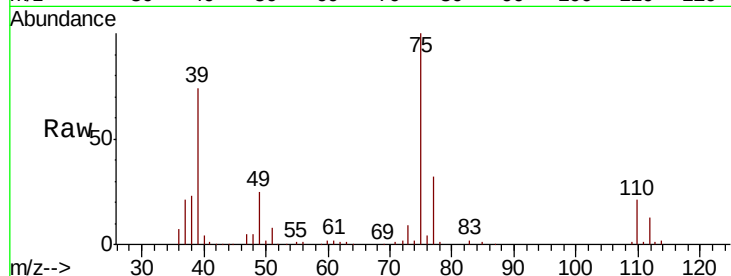




#53
 t-1,3-Dichloropropene
 Concen: 48.566 ug/l
 RT: 10.38 min Scan# 2676
 Delta R.T. 0.00 min
 Lab File: VN057739.D
 Acq: 7 Sep 2019 1:12

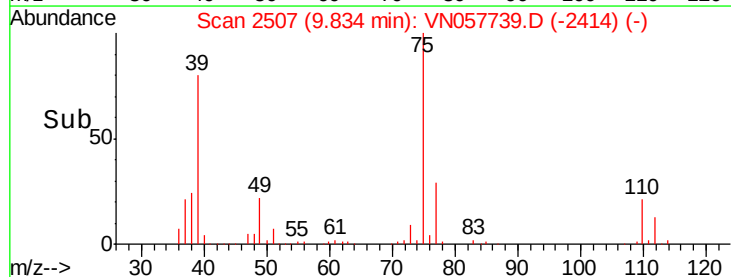
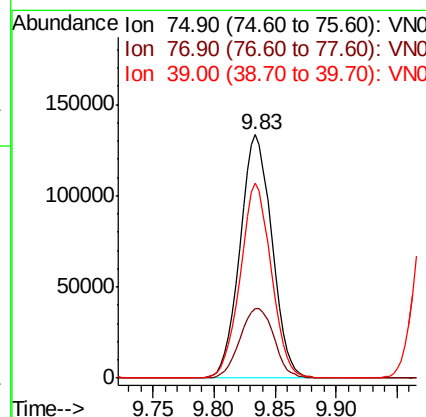
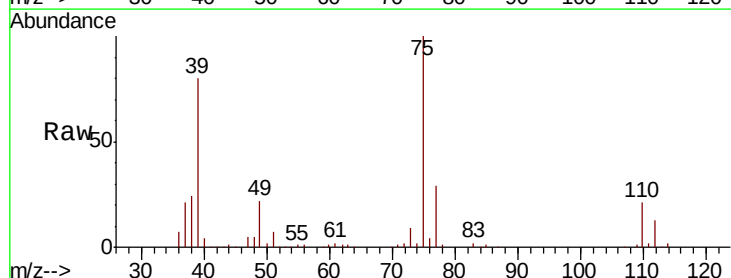
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

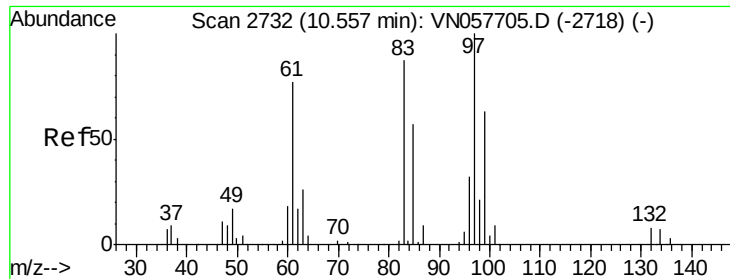
Tgt Ion: 75 Resp: 221841
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 48.916 ug/l
 RT: 9.83 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: VN057739.D
 Acq: 7 Sep 2019 1:12

Tgt Ion: 75 Resp: 241407
 Ion Ratio Lower Upper
 75 100
 77 28.6 25.1 37.7
 39 80.0 62.4 93.6





#55

1,1,2-Trichloroethane

Concen: 49.911 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 145381

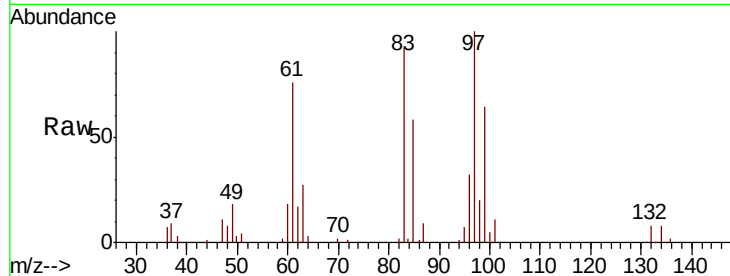
Ion Ratio Lower Upper

97 100

83 91.7 69.5 104.3

85 58.0 45.7 68.5

99 64.1 50.2 75.4

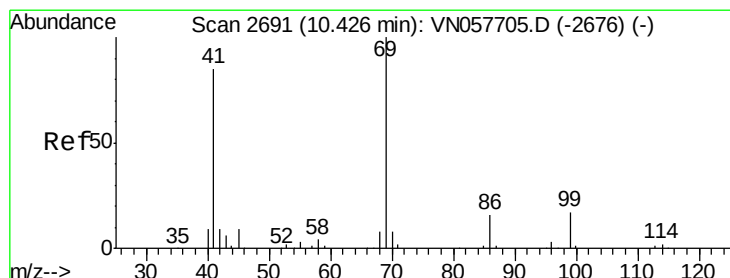
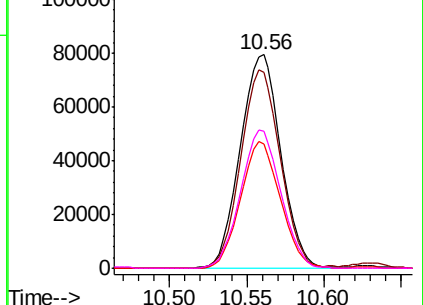
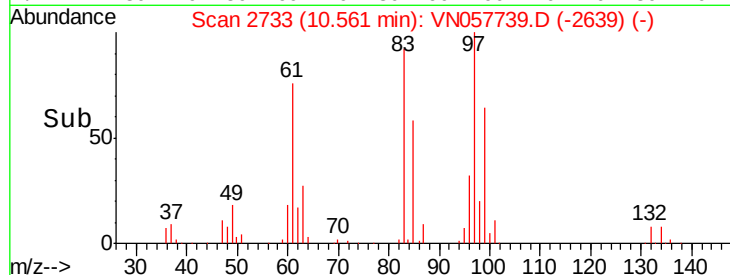


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 51.946 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

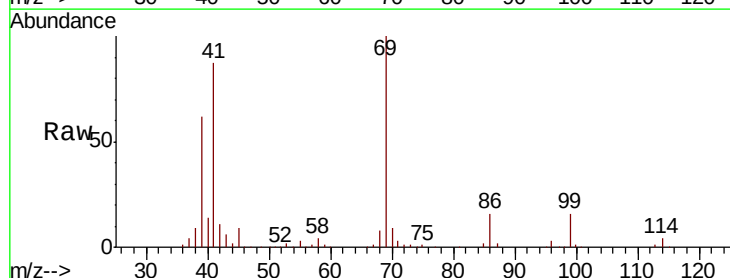
Tgt Ion: 69 Resp: 241505

Ion Ratio Lower Upper

69 100

41 83.7 69.0 103.4

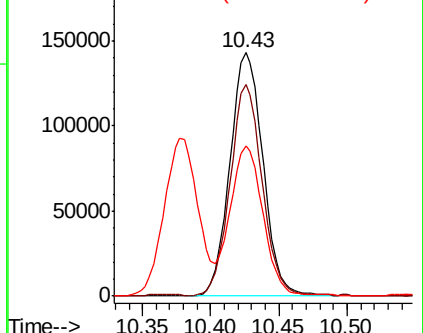
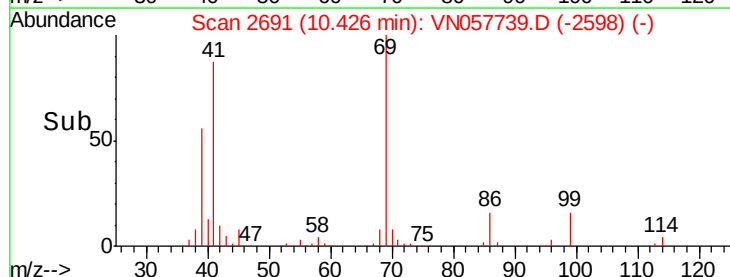
39 61.3 49.2 73.8

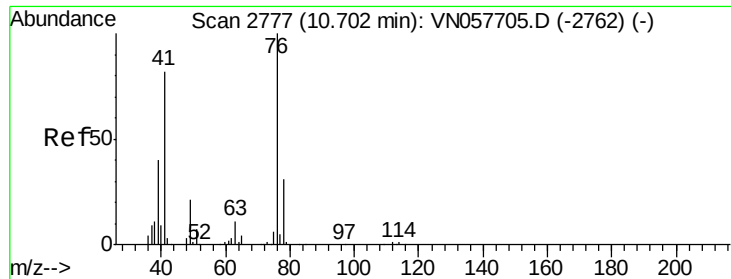


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

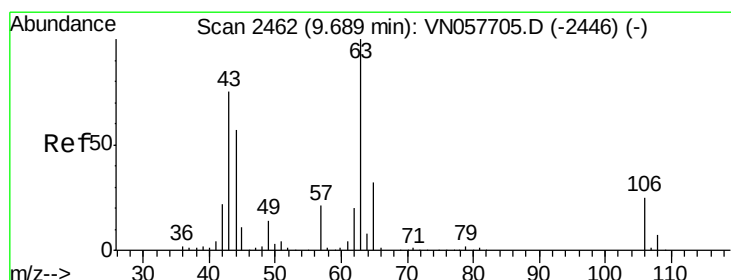
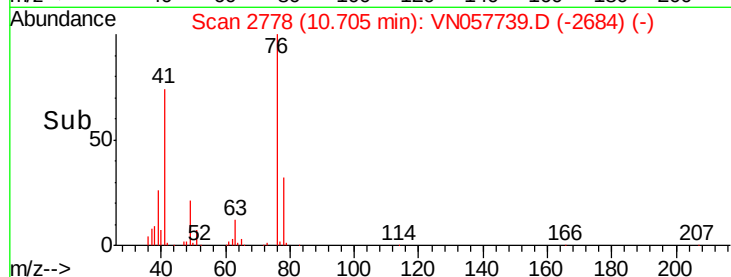
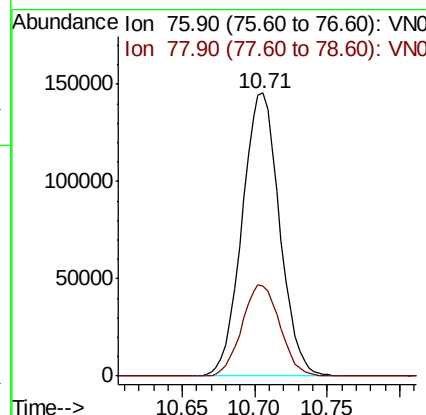
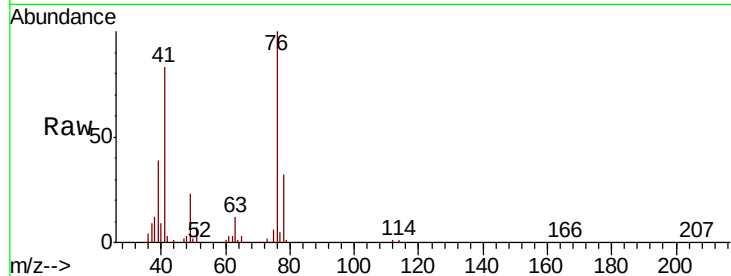




#57
 1,3-Dichloropropane
 Concen: 50.007 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN057739.D
 Acq: 7 Sep 2019 1:12

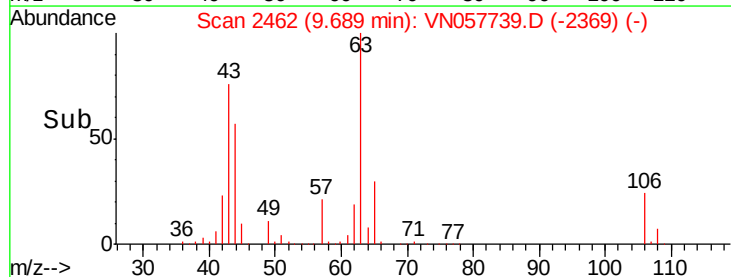
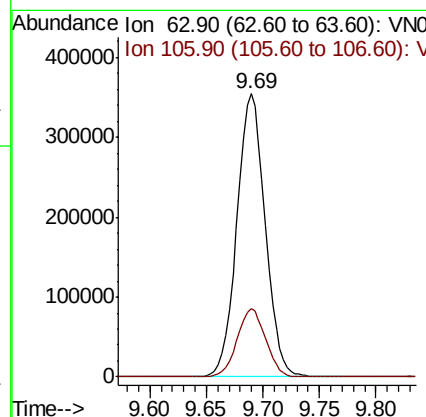
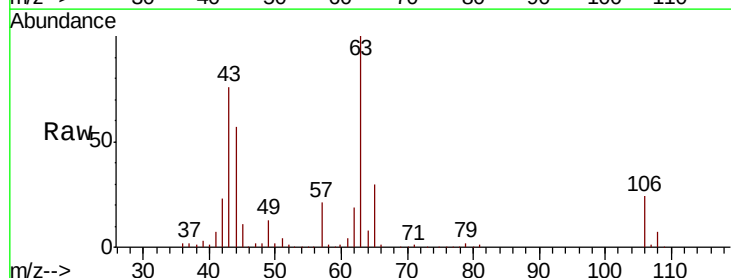
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

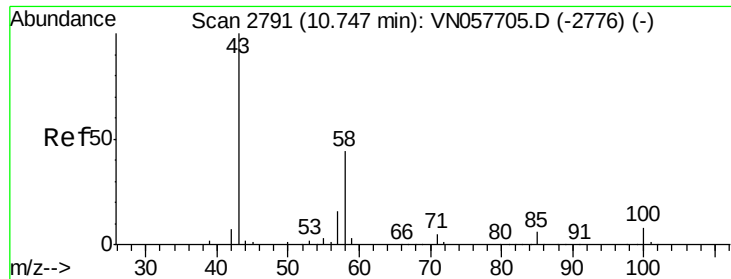
Tgt Ion: 76 Resp: 261650
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.959 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VN057739.D
 Acq: 7 Sep 2019 1:12

Tgt Ion: 63 Resp: 617885
 Ion Ratio Lower Upper
 63 100
 106 24.1 19.4 29.2

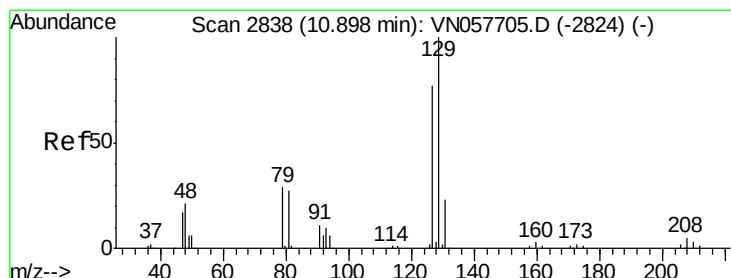
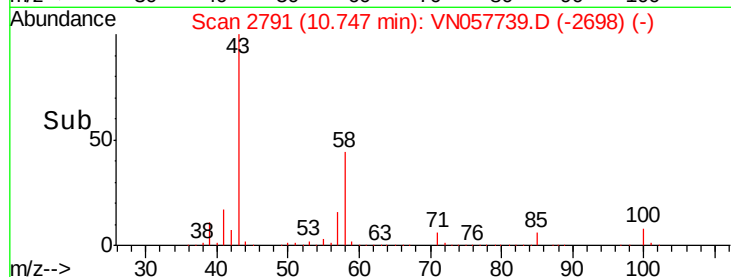
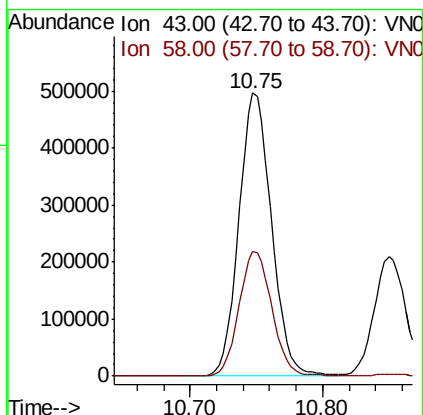
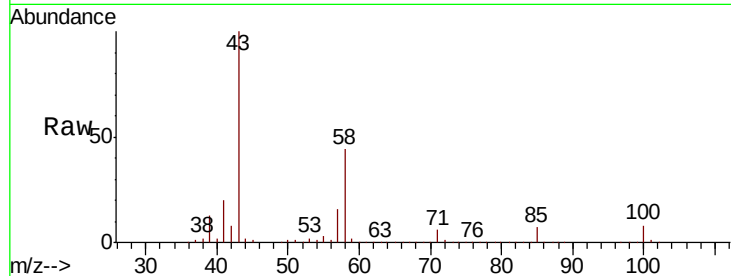




#59
2-Hexanone
Concen: 268.487 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN057739.D
Acq: 7 Sep 2019 1:12

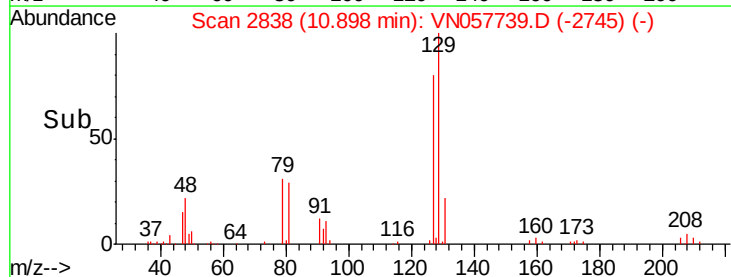
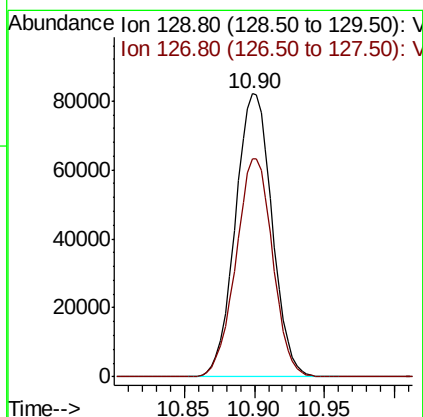
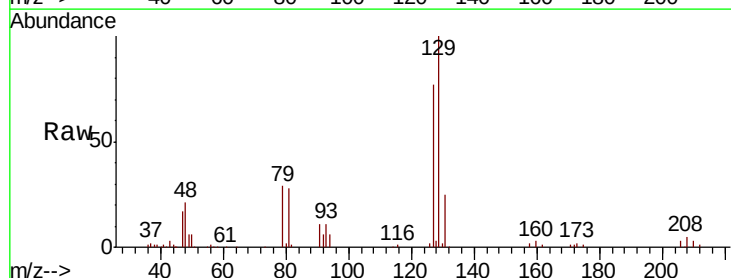
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

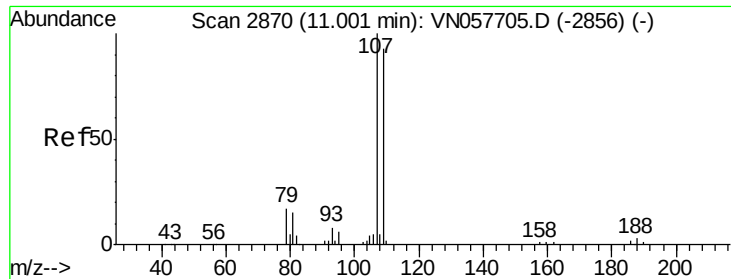
Tgt Ion: 43 Resp: 845920
Ion Ratio Lower Upper
43 100
58 44.7 22.1 66.5



#60
Dibromochloromethane
Concen: 47.729 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN057739.D
Acq: 7 Sep 2019 1:12

Tgt Ion: 129 Resp: 149636
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.2

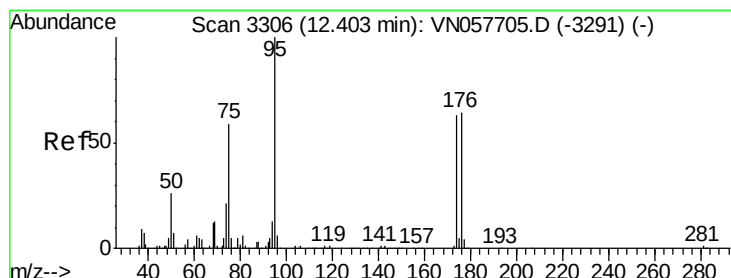
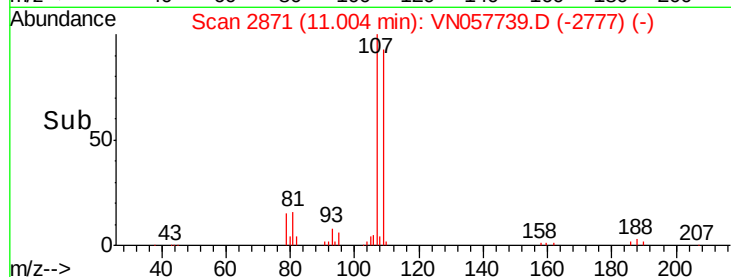
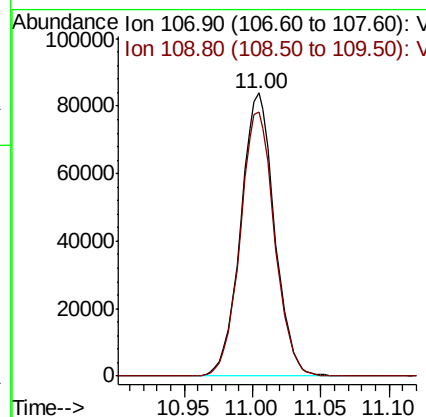
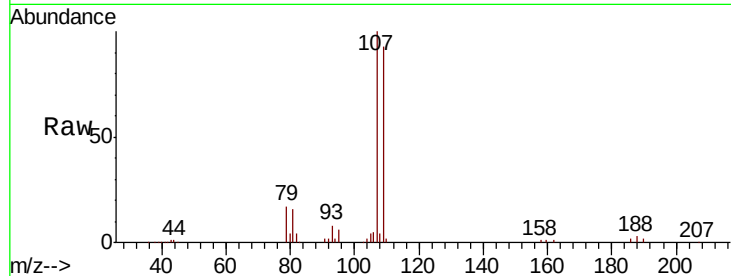




#61
 1,2-Dibromoethane
 Concen: 51.459 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN057739.D
 Acq: 7 Sep 2019 1:12

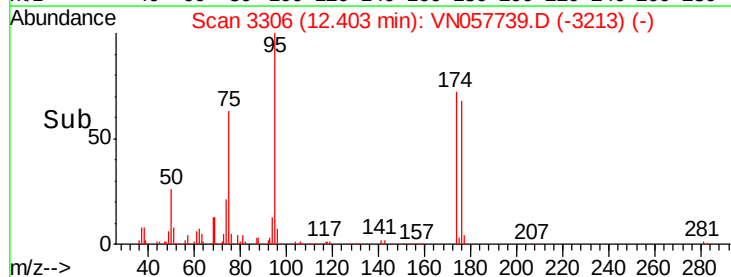
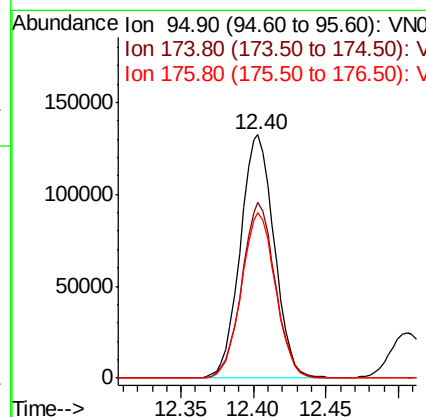
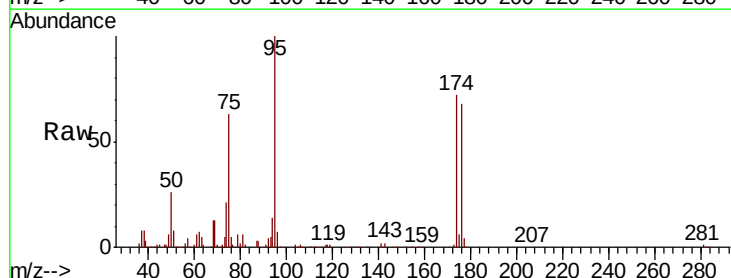
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

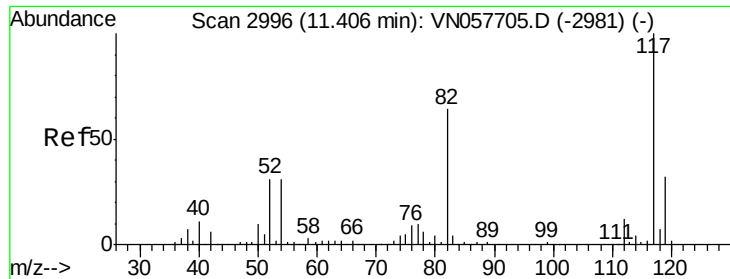
Tgt Ion: 107 Resp: 143897
 Ion Ratio Lower Upper
 107 100
 109 94.7 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 48.462 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN057739.D
 Acq: 7 Sep 2019 1:12

Tgt Ion: 95 Resp: 215247
 Ion Ratio Lower Upper
 95 100
 174 71.2 0.0 128.0
 176 68.1 0.0 128.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

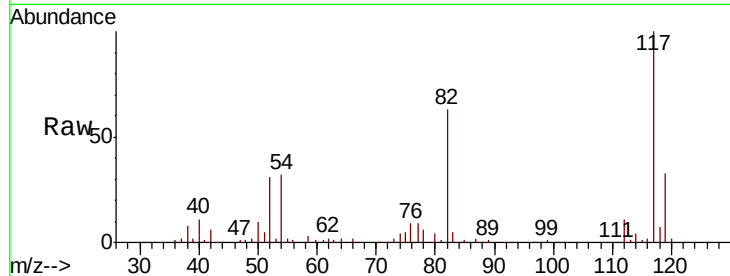
Tgt Ion:117 Resp: 286761

Ion Ratio Lower Upper

117 100

82 62.7 51.4 77.0

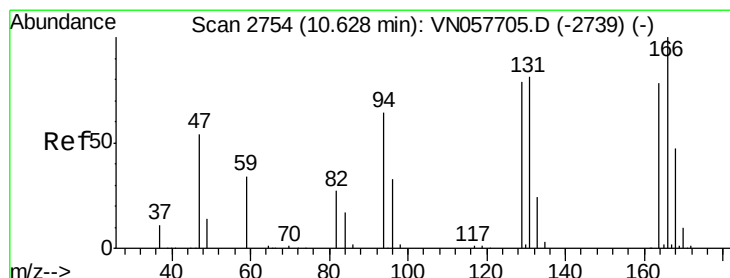
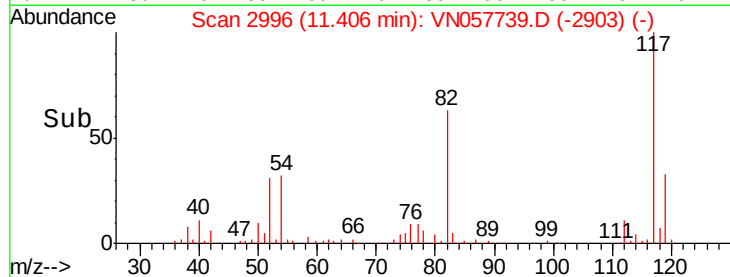
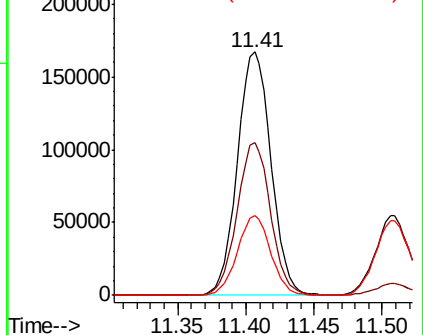
119 32.9 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 53.295 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

Tgt Ion:164 Resp: 119151

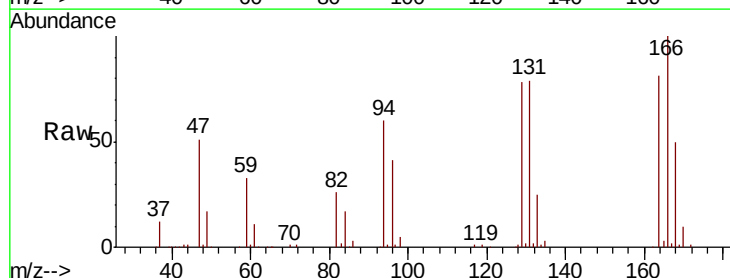
Ion Ratio Lower Upper

164 100

166 123.4 103.0 154.6

129 96.6 81.1 121.7

131 97.2 83.2 124.8

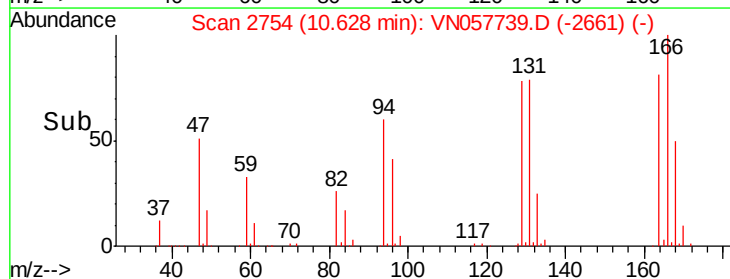
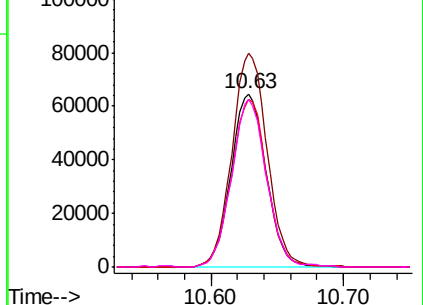


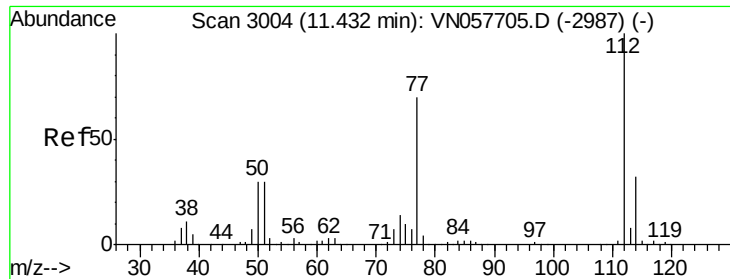
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

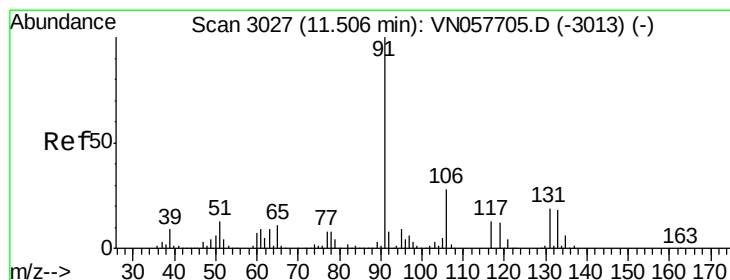
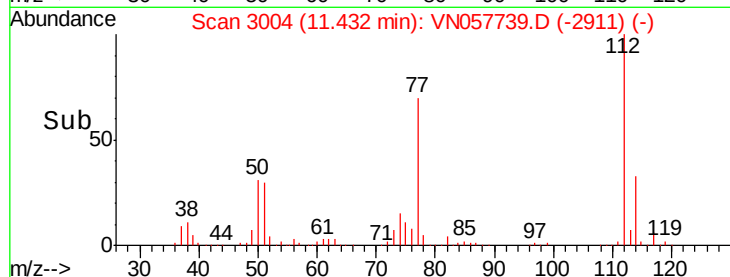
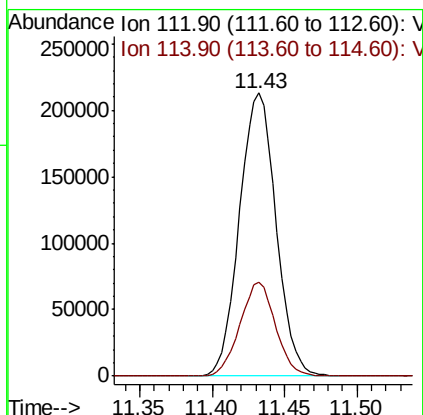
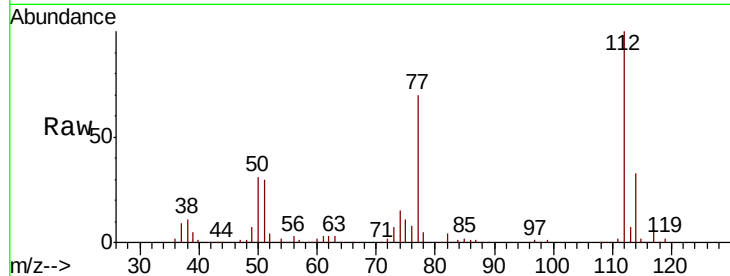




#65
Chlorobenzene
Concen: 49.989 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN057739.D
Acq: 7 Sep 2019 1:12

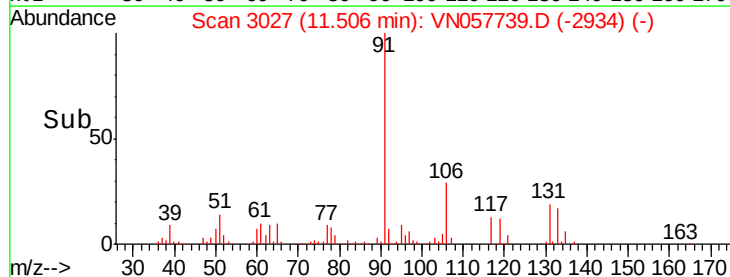
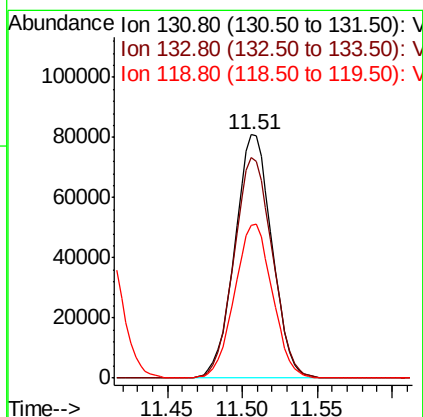
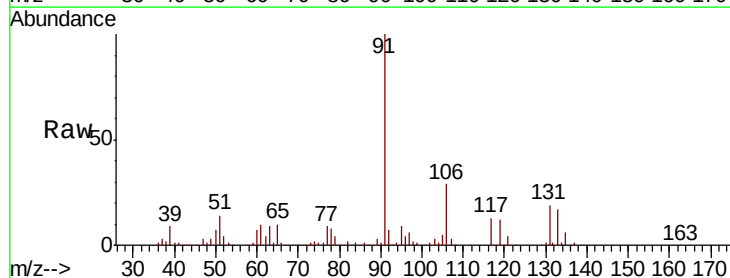
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

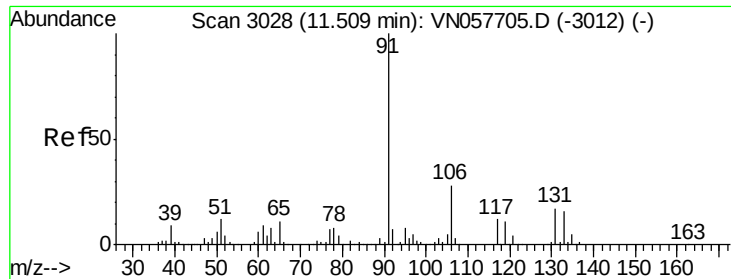
Tgt Ion:112 Resp: 373938
Ion Ratio Lower Upper
112 100
114 33.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 53.801 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057739.D
Acq: 7 Sep 2019 1:12

Tgt Ion:131 Resp: 140036
Ion Ratio Lower Upper
131 100
133 93.5 47.6 142.9
119 64.4 32.8 98.3

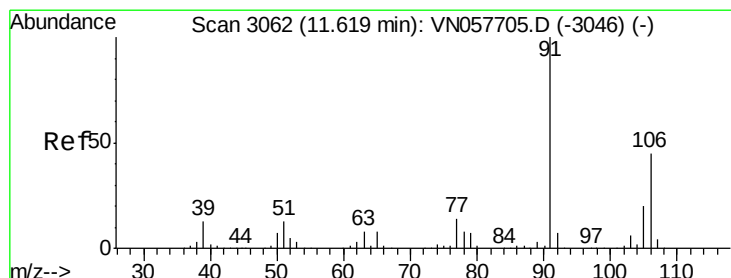
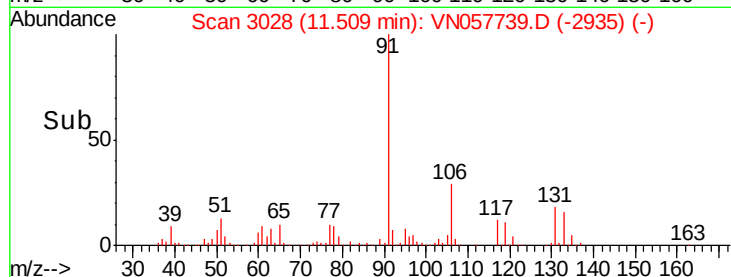
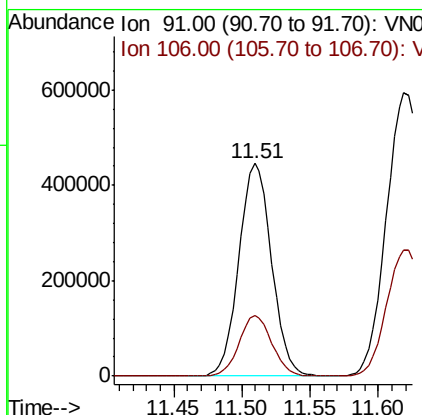
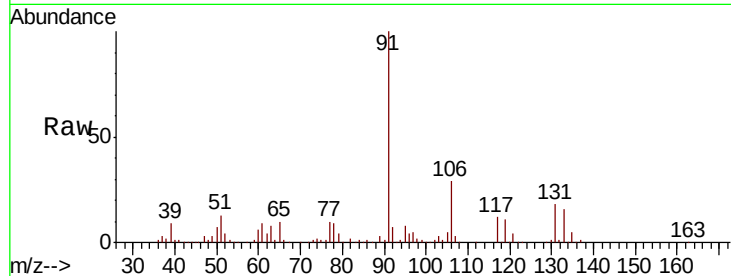




#67
Ethyl Benzene
Concen: 51.412 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057739.D
Acq: 7 Sep 2019 1:12

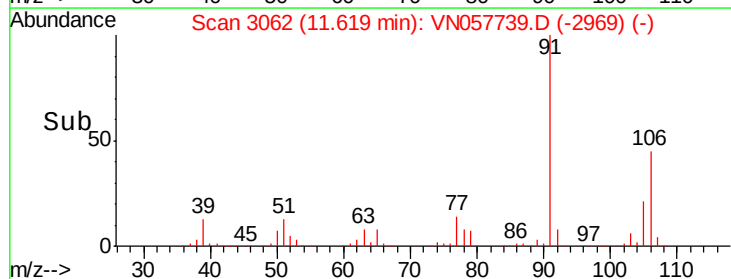
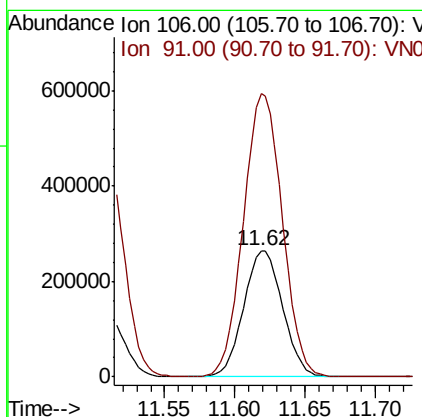
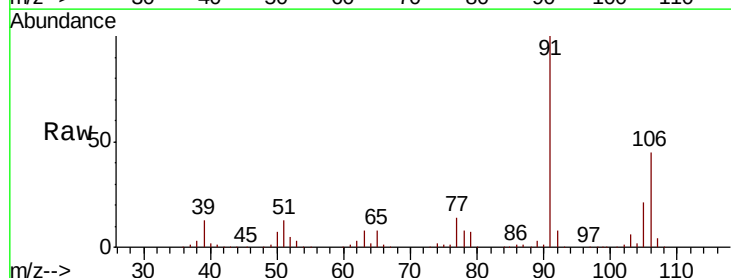
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

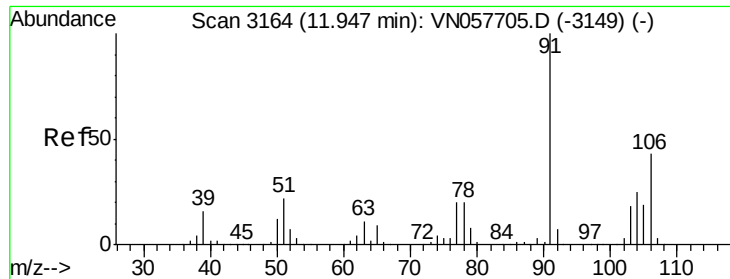
Tgt Ion: 91 Resp: 742015
Ion Ratio Lower Upper
91 100
106 28.7 22.8 34.2



#68
m/p-Xylenes
Concen: 102.885 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN057739.D
Acq: 7 Sep 2019 1:12

Tgt Ion: 106 Resp: 511444
Ion Ratio Lower Upper
106 100
91 224.3 179.8 269.8

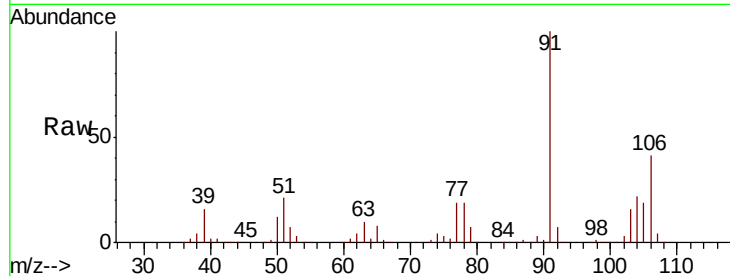




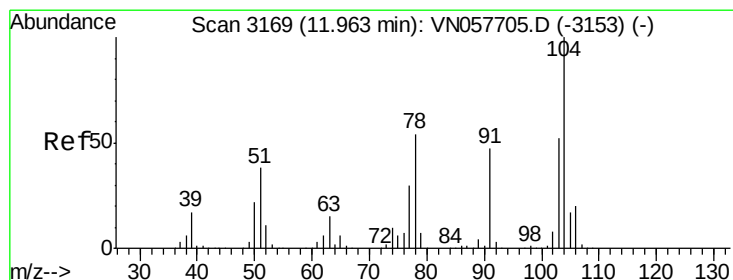
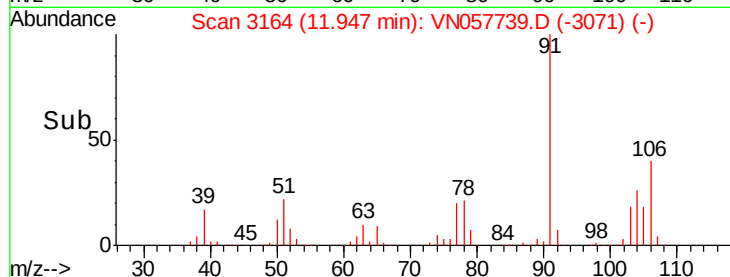
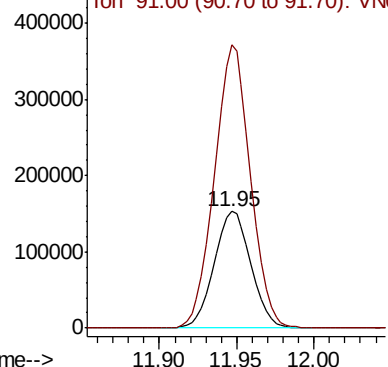
#69
o-Xylene
Concen: 51.006 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057739.D
Acq: 7 Sep 2019 1:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 251066
Ion Ratio Lower Upper
106 100
91 239.2 116.8 350.4

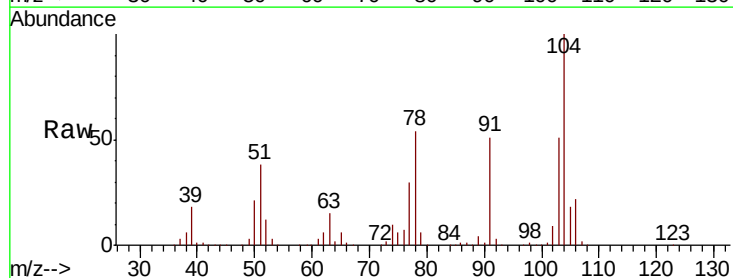


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

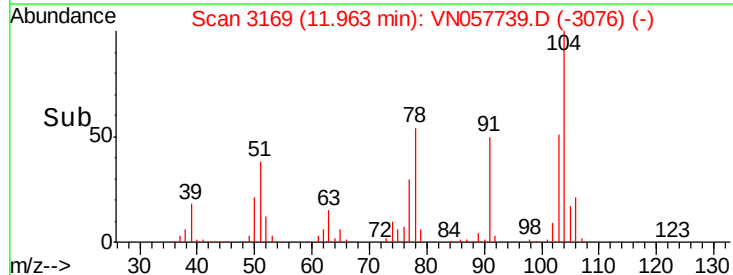
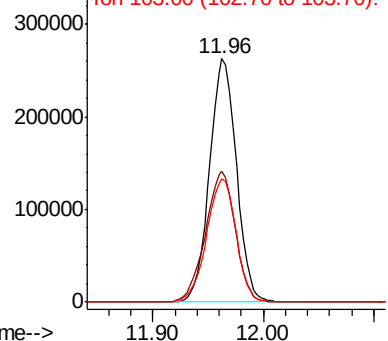


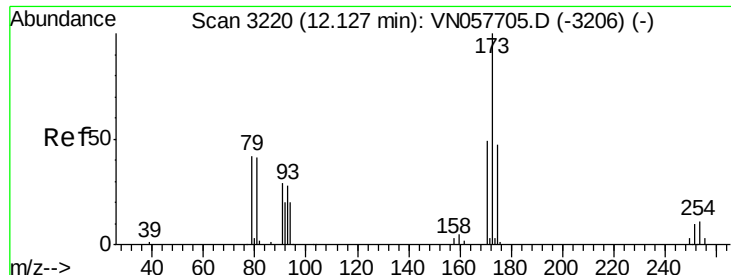
#70
Styrene
Concen: 52.274 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057739.D
Acq: 7 Sep 2019 1:12

Tgt Ion:104 Resp: 445221
Ion Ratio Lower Upper
104 100
78 59.5 48.5 72.7
103 55.3 45.0 67.4



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: 47.581 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

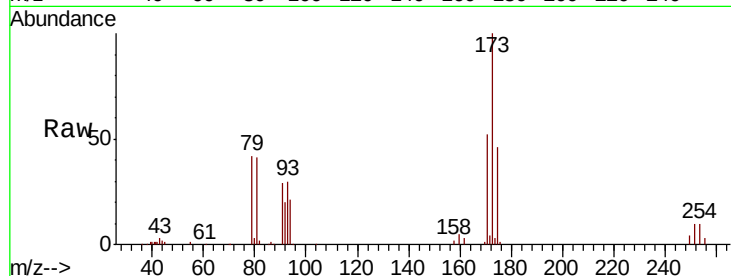
Tgt Ion:173 Resp: 92217

Ion Ratio Lower Upper

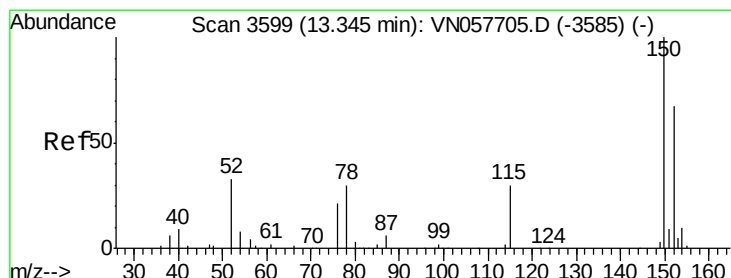
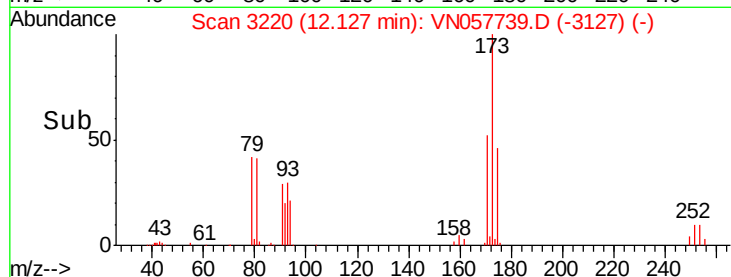
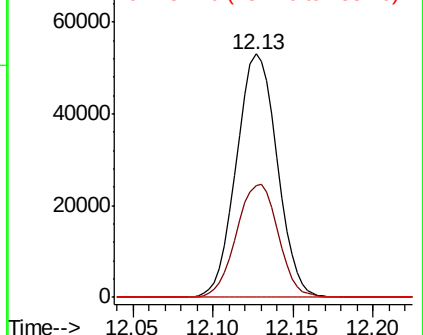
173 100

175 47.5 24.6 73.8

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

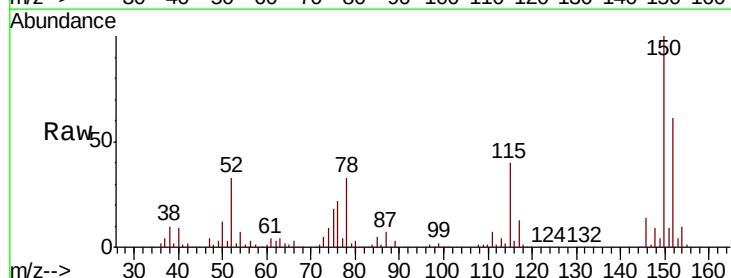
Tgt Ion:152 Resp: 167930

Ion Ratio Lower Upper

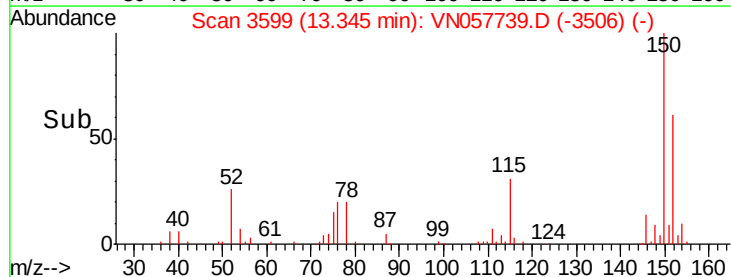
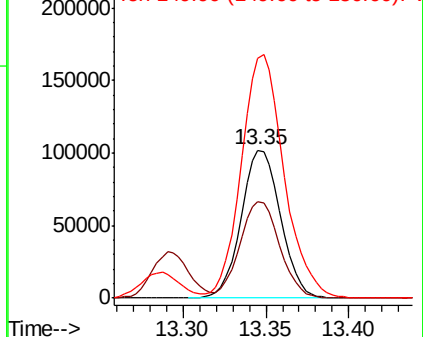
152 100

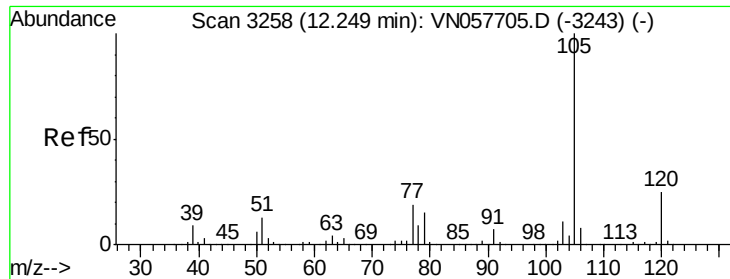
115 66.2 33.8 101.3

150 179.4 0.0 345.4



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





#73

Isopropylbenzene

Concen: 48.713 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

Instrument :

MSVOA_N

ClientSampleId :

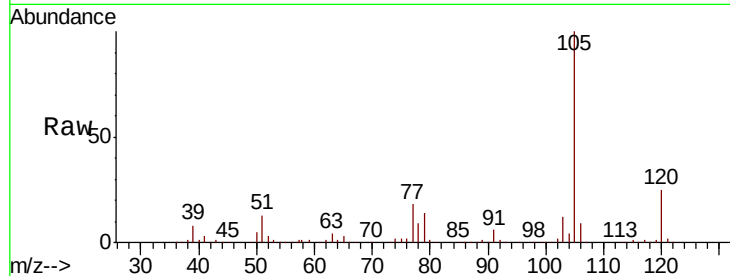
VSTDCCC050EC

Tgt Ion: 105 Resp: 723220

Ion Ratio Lower Upper

105 100

120 24.1 12.2 36.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

400000

300000

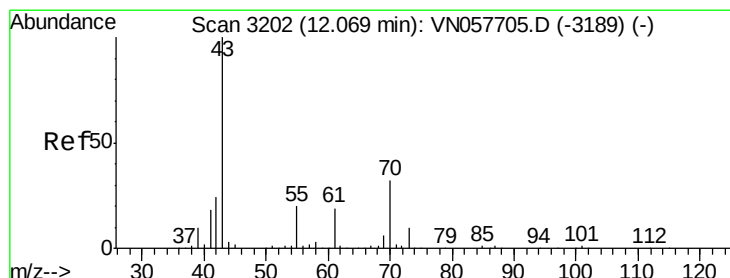
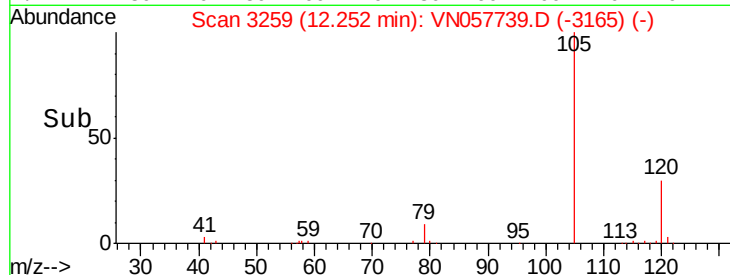
200000

100000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 48.949 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

Tgt Ion: 43 Resp: 363029

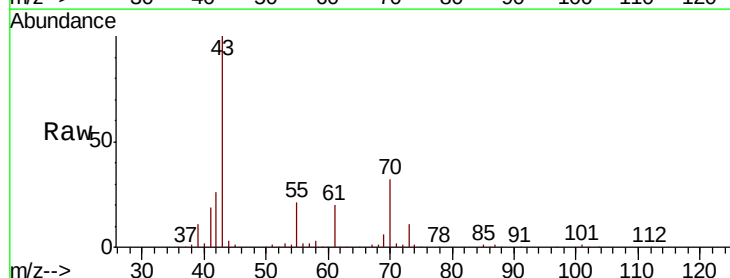
Ion Ratio Lower Upper

43 100

70 32.3 26.1 39.1

55 21.3 16.3 24.5

61 19.9 15.0 22.4



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

300000

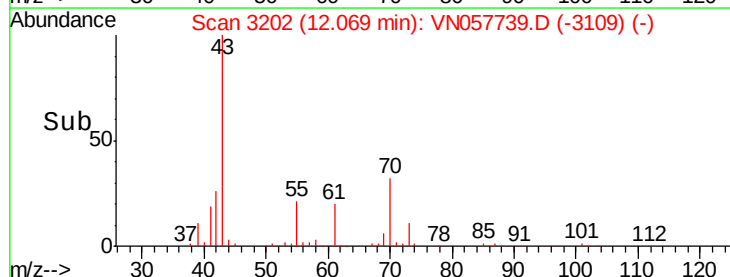
200000

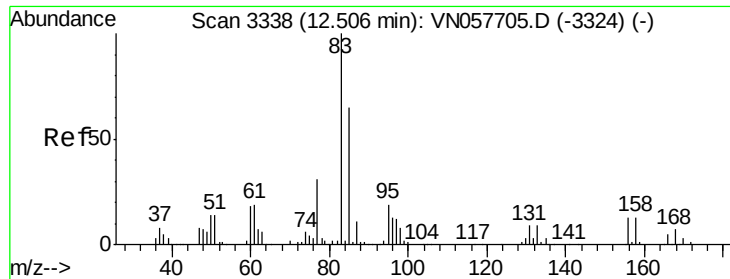
100000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 50.025 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

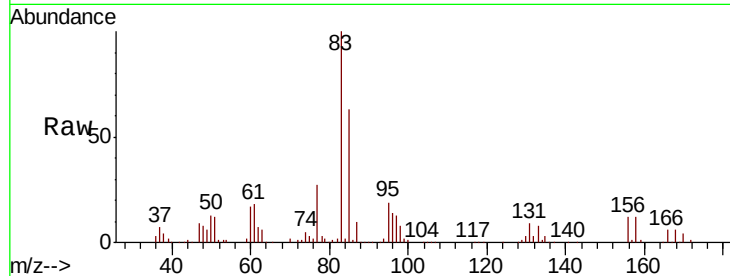
Tgt Ion: 83 Resp: 222707

Ion Ratio Lower Upper

83 100

131 10.0 4.5 13.5

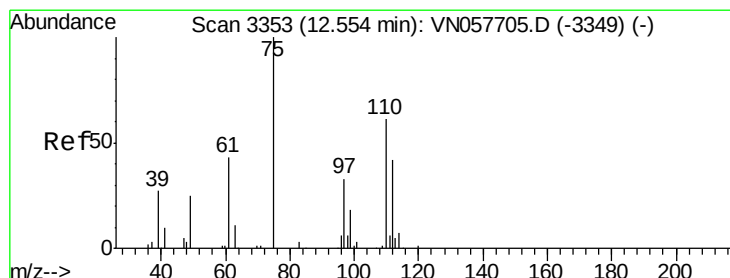
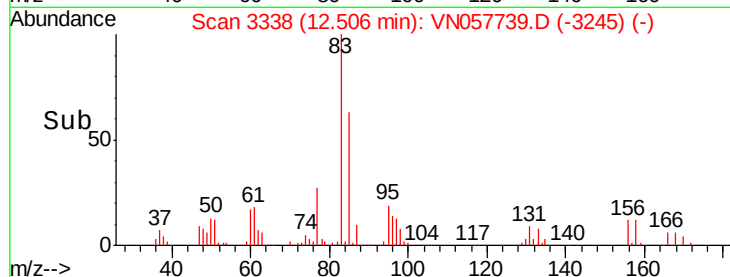
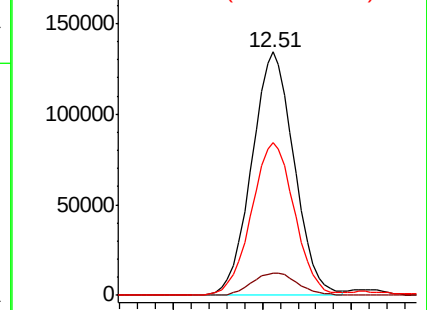
85 63.7 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VN057739.D (-3245) (-)

Ion 130.80 (130.50 to 131.50): VN057739.D (-3245) (-)

Ion 84.90 (84.60 to 85.60): VN057739.D (-3245) (-)



#76

1,2,3-Trichloropropane

Concen: 73.157 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057739.D

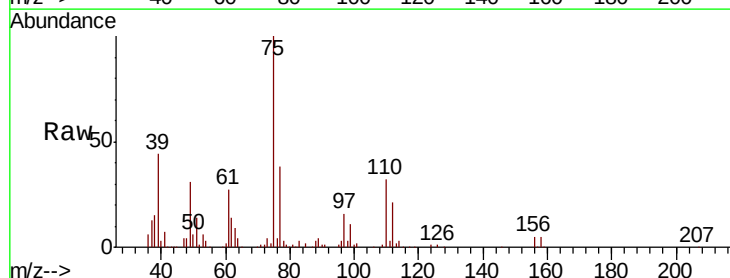
Acq: 7 Sep 2019 1:12

Tgt Ion: 75 Resp: 282117

Ion Ratio Lower Upper

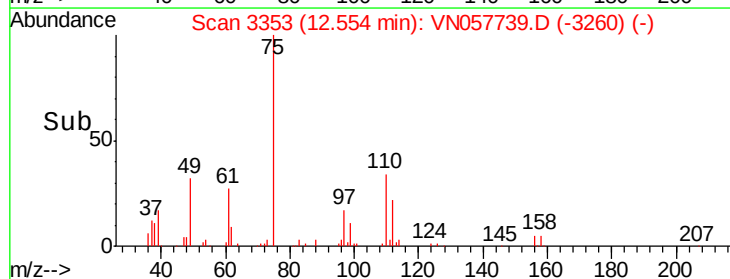
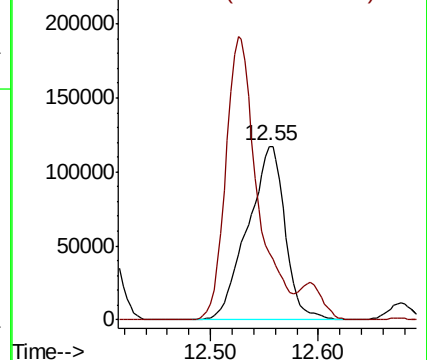
75 100

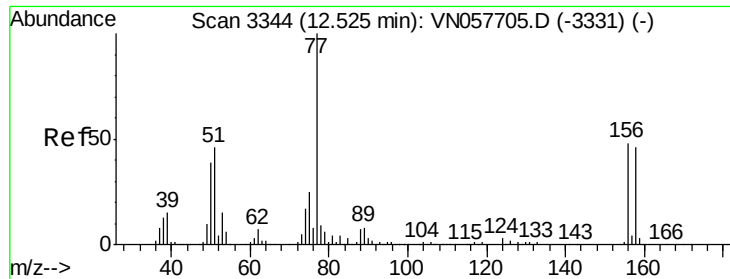
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN057739.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN057739.D (-3260) (-)





#77

Bromobenzene

Concen: 51.260 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

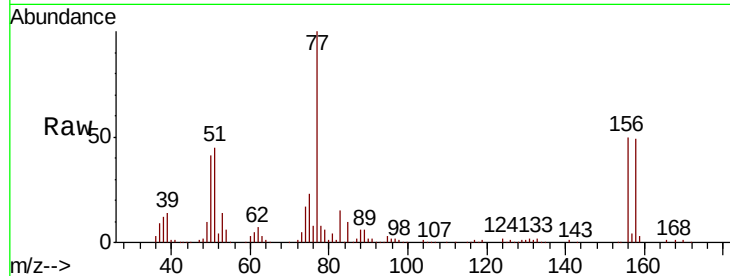
Tgt Ion:156 Resp: 165334

Ion Ratio Lower Upper

156 100

77 236.6 125.4 376.2

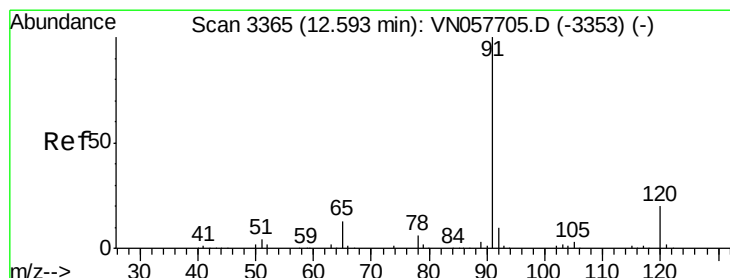
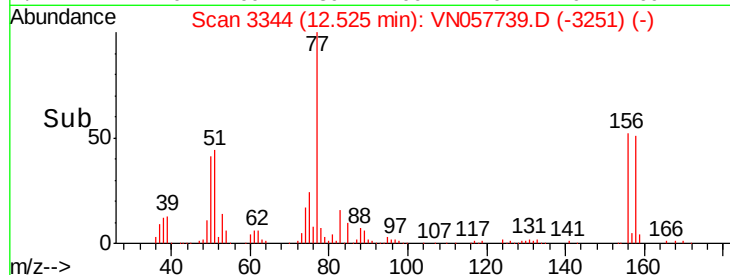
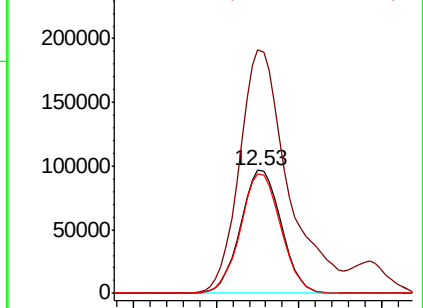
158 96.6 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.810 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057739.D

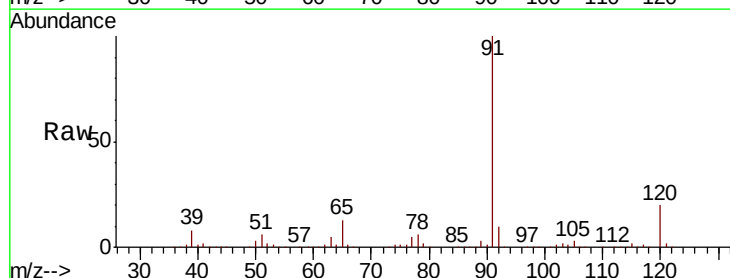
Acq: 7 Sep 2019 1:12

Tgt Ion: 91 Resp: 860946

Ion Ratio Lower Upper

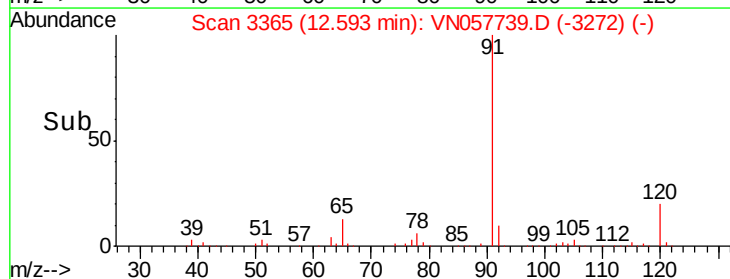
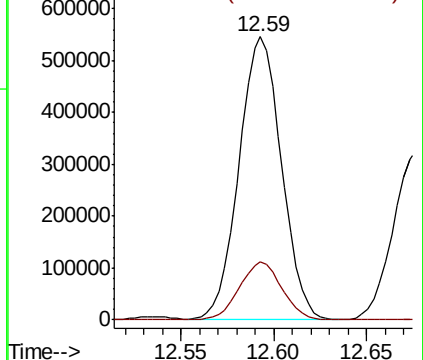
91 100

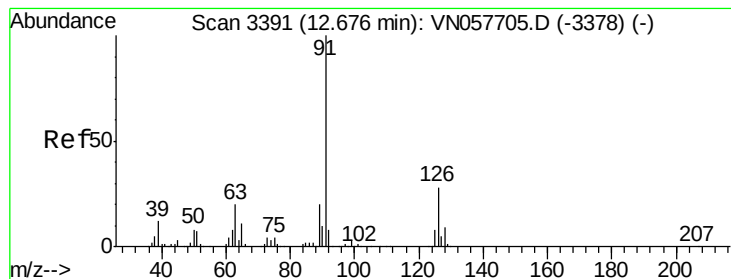
120 20.6 10.0 30.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.401 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

Instrument :

MSVOA_N

ClientSampleId :

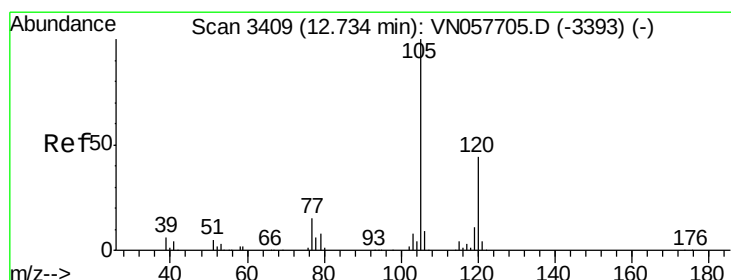
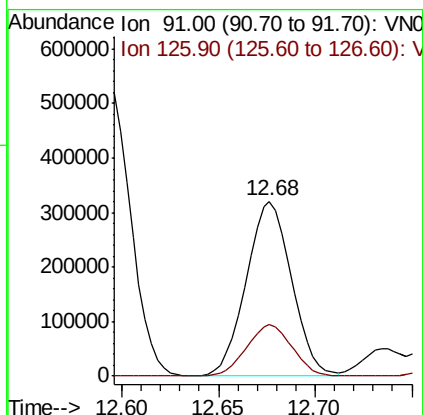
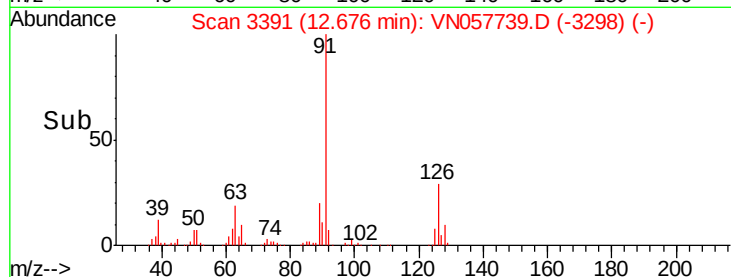
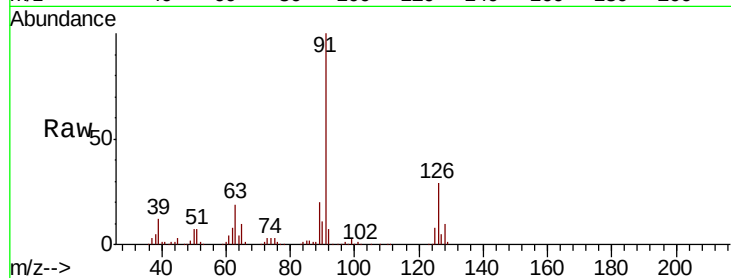
VSTDCCC050EC

Tgt Ion: 91 Resp: 519732

Ion Ratio Lower Upper

91 100

126 29.9 14.5 43.5



#80

1,3,5-Trimethylbenzene

Concen: 48.928 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057739.D

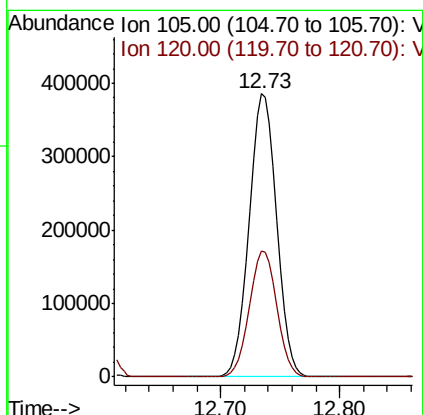
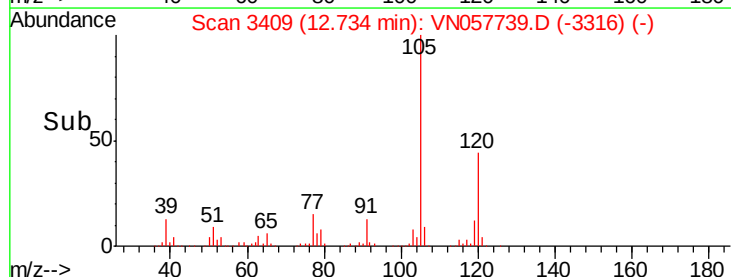
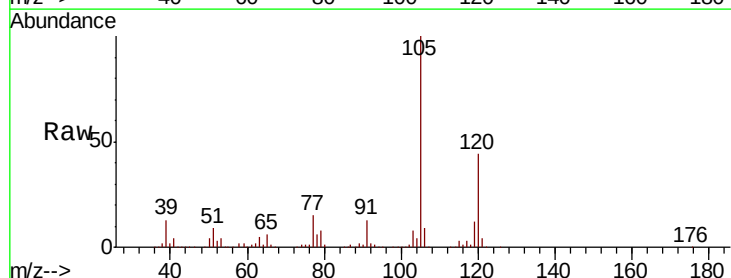
Acq: 7 Sep 2019 1:12

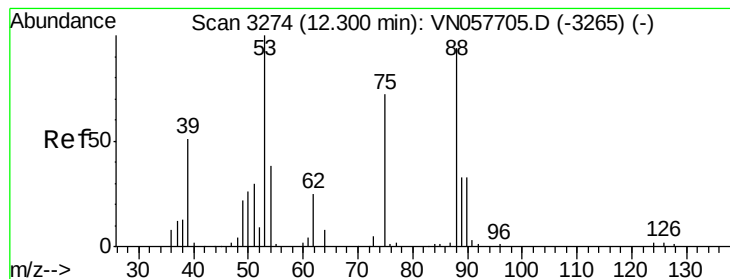
Tgt Ion: 105 Resp: 617074

Ion Ratio Lower Upper

105 100

120 44.5 22.3 66.8





#81

trans-1,4-Dichloro-2-butene

Concen: 43.802 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

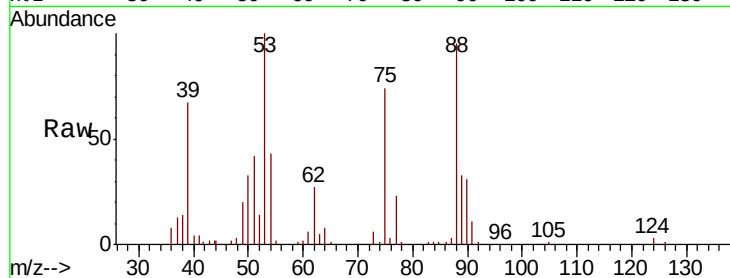
Tgt Ion: 75 Resp: 54313

Ion Ratio Lower Upper

75 100

53 135.1 107.0 160.6

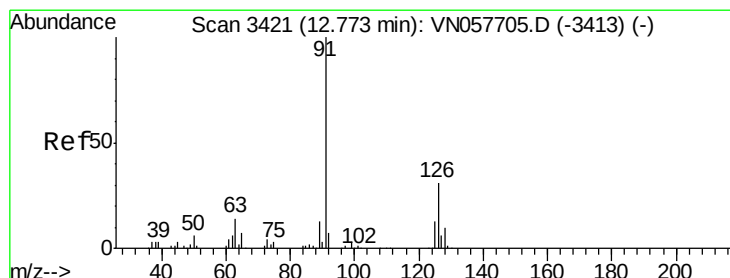
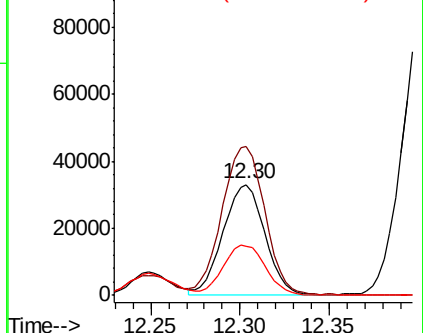
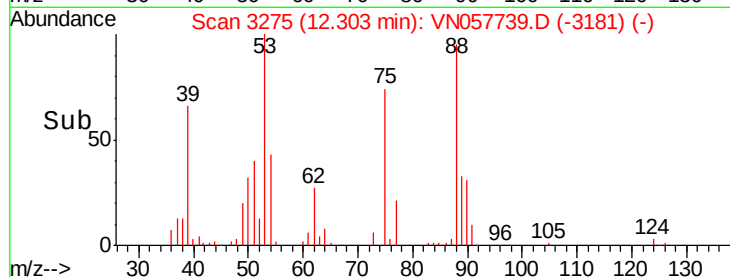
89 45.9 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VN057739.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN057739.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN057739.D (-3181) (-)



#82

4-Chlorotoluene

Concen: 48.865 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057739.D

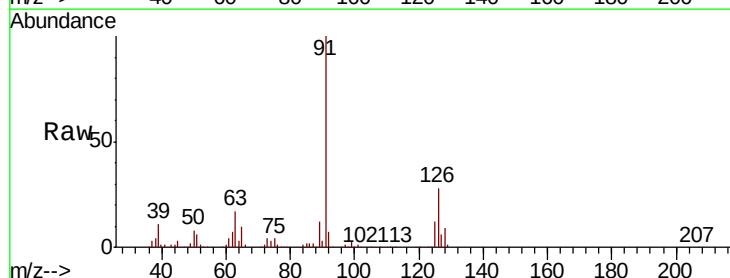
Acq: 7 Sep 2019 1:12

Tgt Ion: 91 Resp: 540408

Ion Ratio Lower Upper

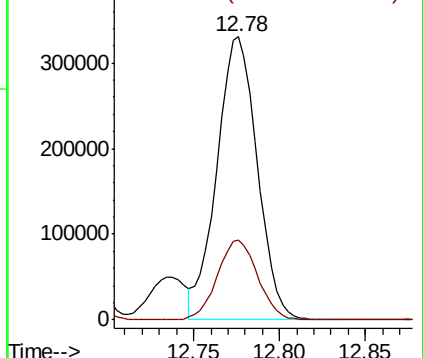
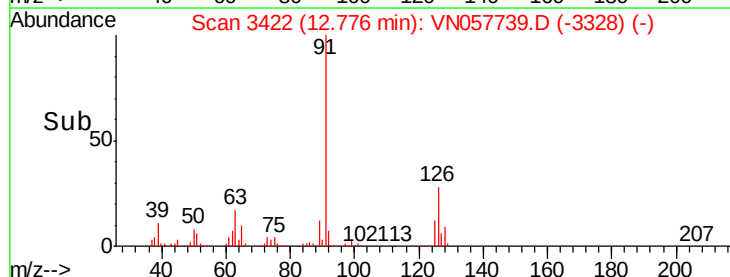
91 100

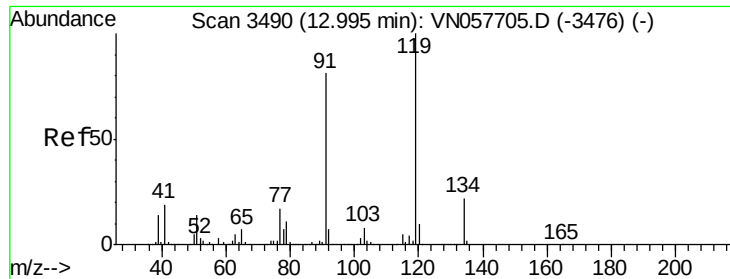
126 28.2 14.4 43.4



Abundance Ion 91.00 (90.70 to 91.70): VN057739.D (-3328) (-)

Ion 125.90 (125.60 to 126.60): VN057739.D (-3328) (-)

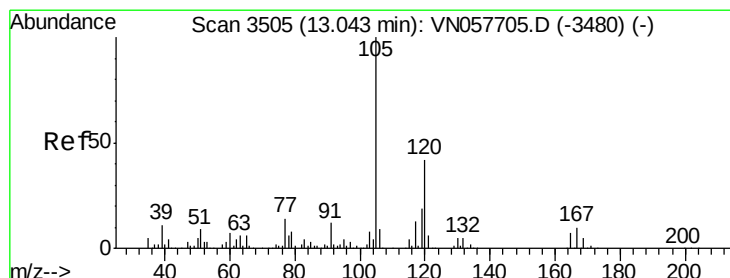
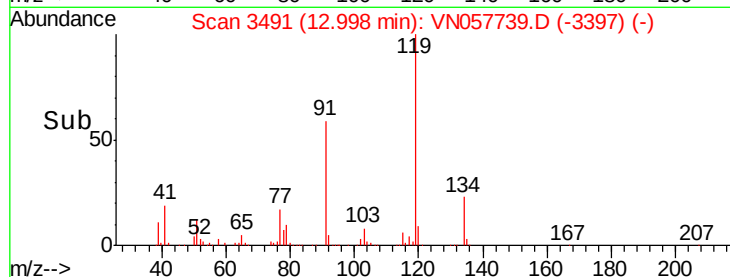
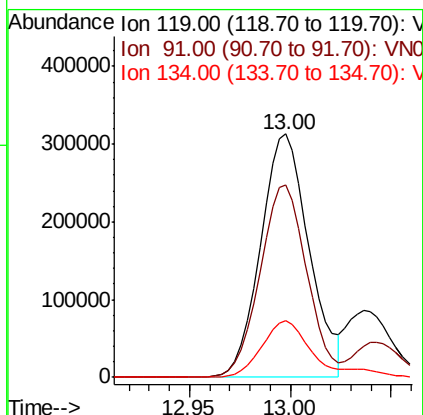
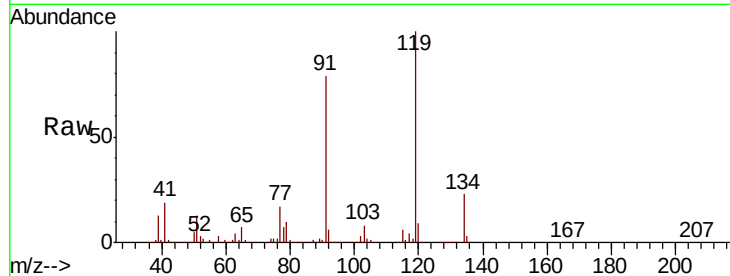




#83
 tert-Butylbenzene
 Concen: 49.290 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057739.D
 Acq: 7 Sep 2019 1:12

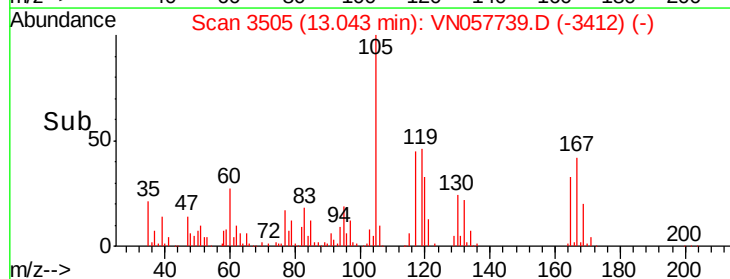
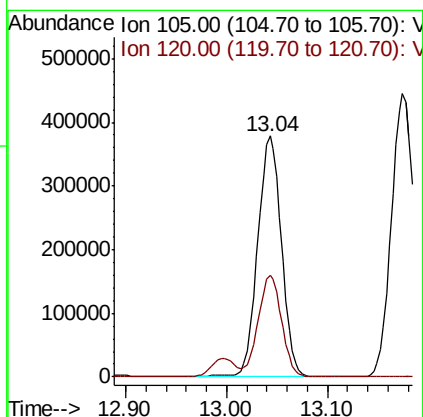
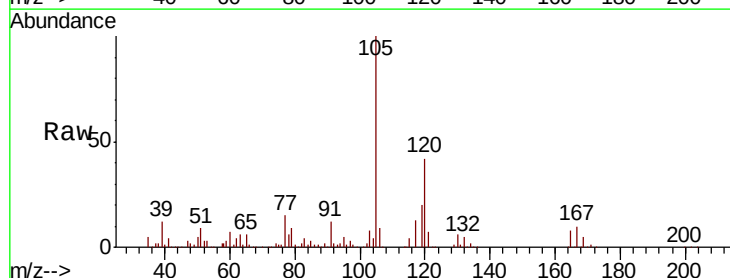
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

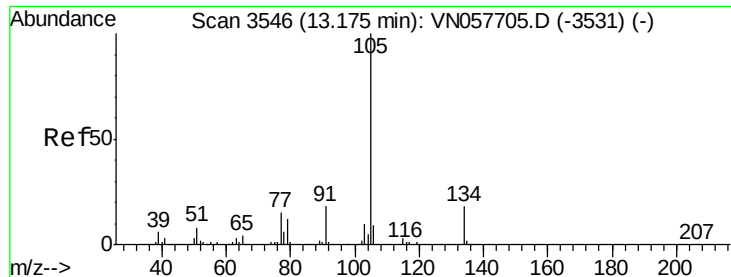
Tgt Ion:119 Resp: 524057
 Ion Ratio Lower Upper
 119 100
 91 76.2 39.6 118.8
 134 22.8 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 49.329 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057739.D
 Acq: 7 Sep 2019 1:12

Tgt Ion:105 Resp: 616258
 Ion Ratio Lower Upper
 105 100
 120 41.6 20.8 62.5

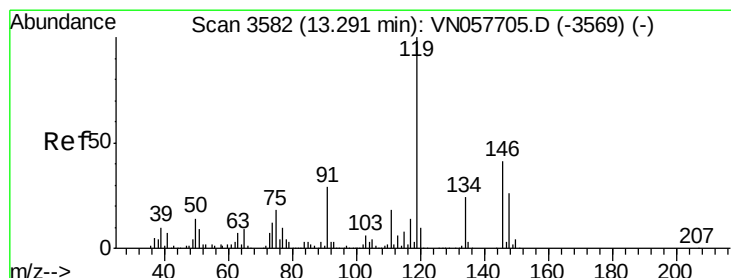
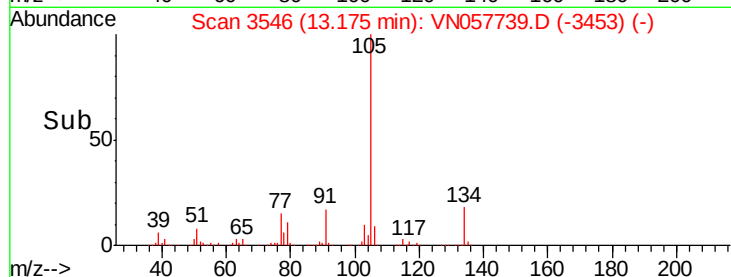
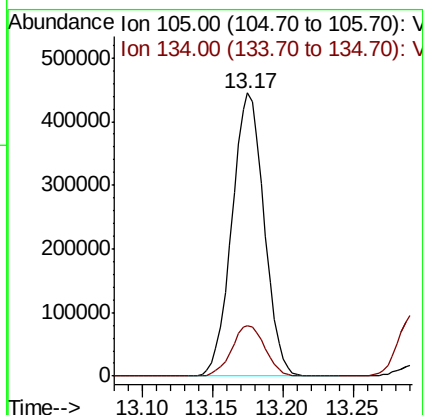
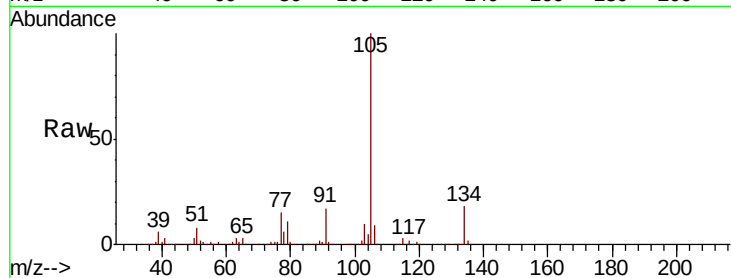




#85
 sec-Butylbenzene
 Concen: 48.446 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN057739.D
 Acq: 7 Sep 2019 1:12

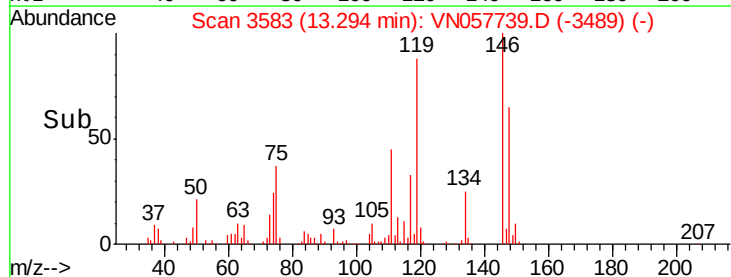
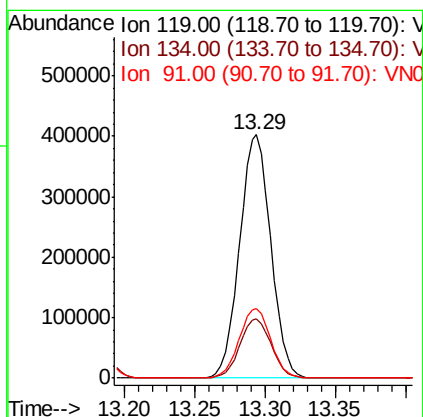
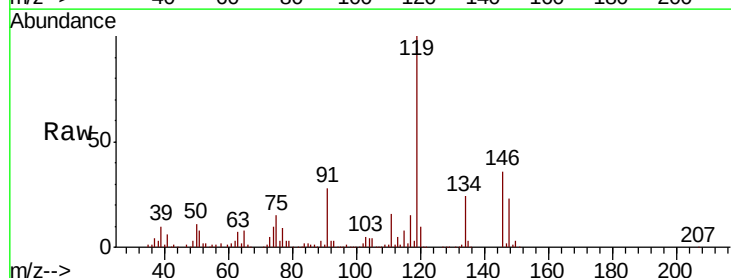
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

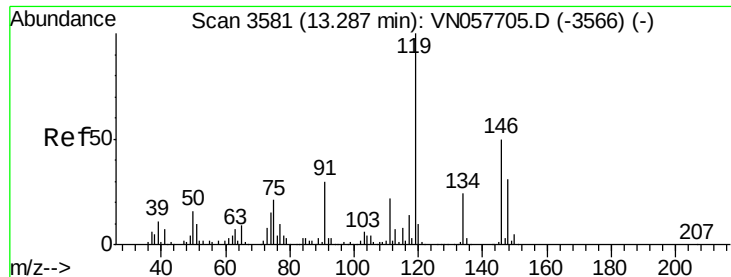
Tgt Ion:105 Resp: 709614
 Ion Ratio Lower Upper
 105 100
 134 18.4 8.8 26.5



#86
 p-Isopropyltoluene
 Concen: 50.111 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN057739.D
 Acq: 7 Sep 2019 1:12

Tgt Ion:119 Resp: 622059
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.4 37.0
 91 28.7 14.8 44.3

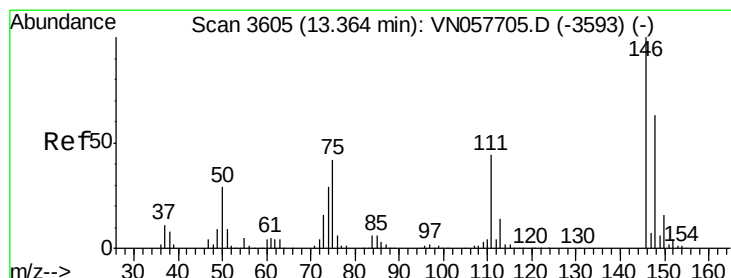
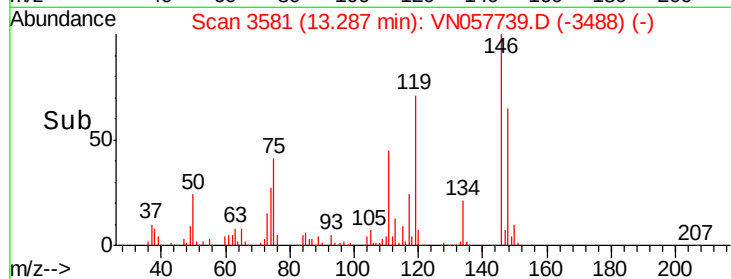
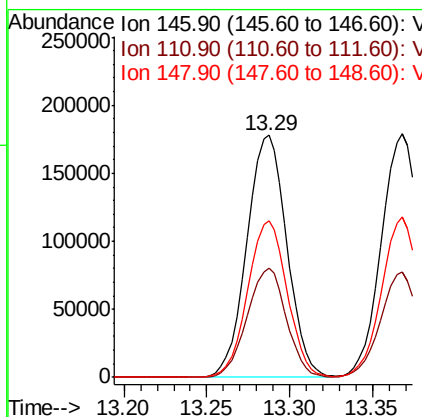
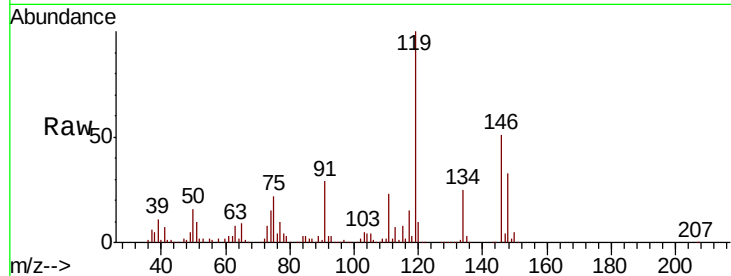




#87
 1,3-Dichlorobenzene
 Concen: 49.462 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN057739.D
 Acq: 7 Sep 2019 1:12

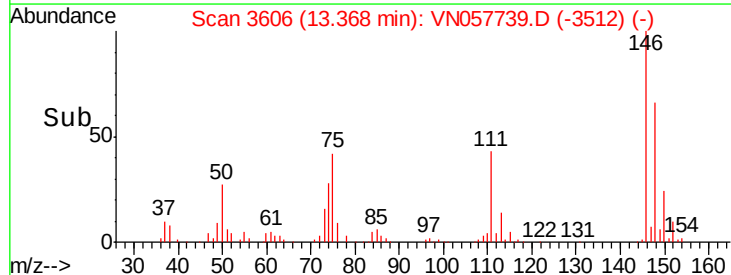
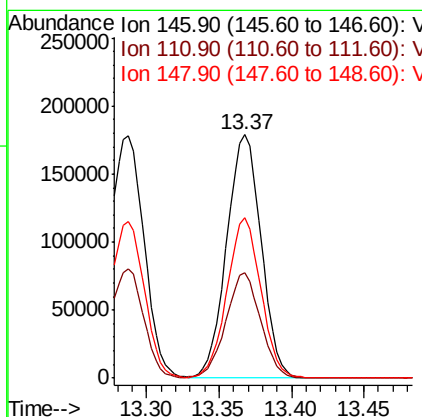
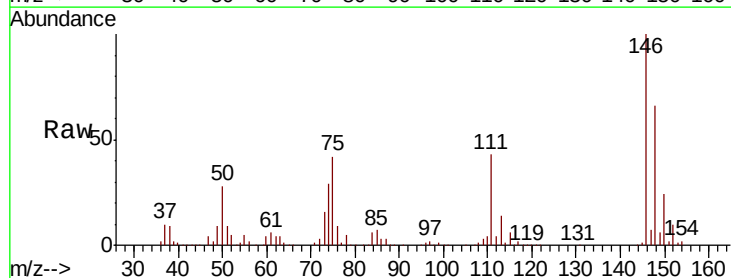
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

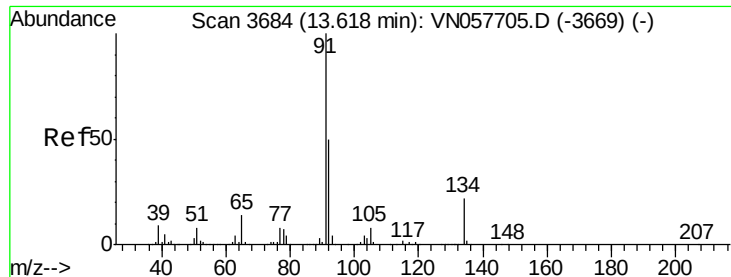
Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.3	66.8
148	63.7	31.5	94.5



#88
 1,4-Dichlorobenzene
 Concen: 48.730 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN057739.D
 Acq: 7 Sep 2019 1:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.2	22.3	66.9
148	65.0	31.9	95.7





#89

n-Butylbenzene

Concen: 47.694 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

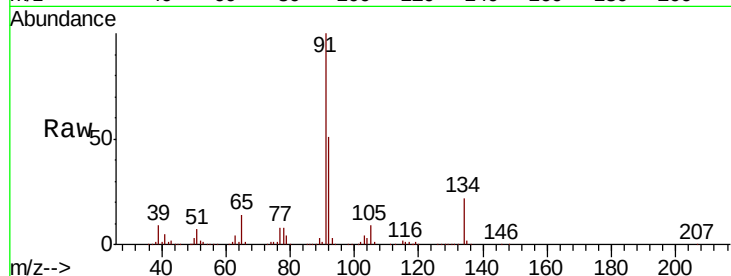
Tgt Ion: 91 Resp: 585522

Ion Ratio Lower Upper

91 100

92 50.8 25.6 76.8

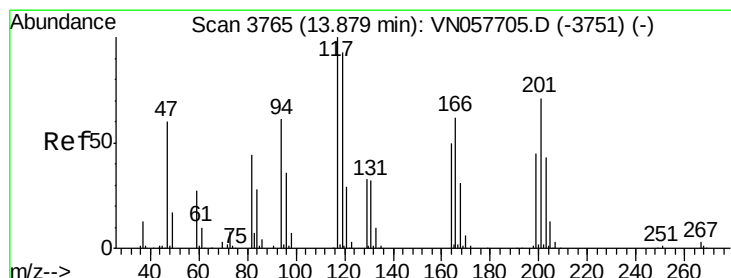
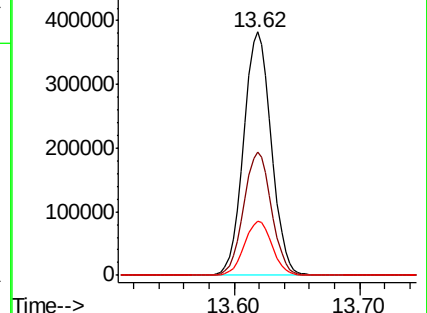
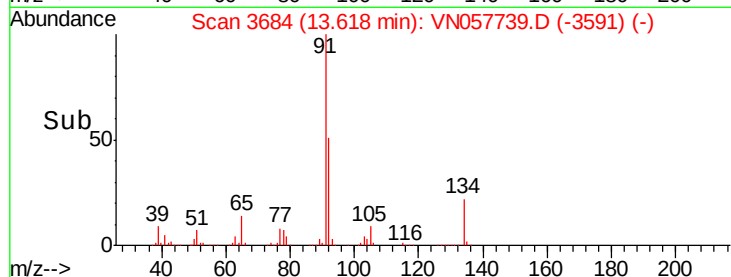
134 22.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN057739.D (-3591) (-)

Ion 92.00 (91.70 to 92.70): VN057739.D (-3591) (-)

Ion 134.00 (133.70 to 134.70): VN057739.D (-3591) (-)



#90

Hexachloroethane

Concen: 51.081 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN057739.D

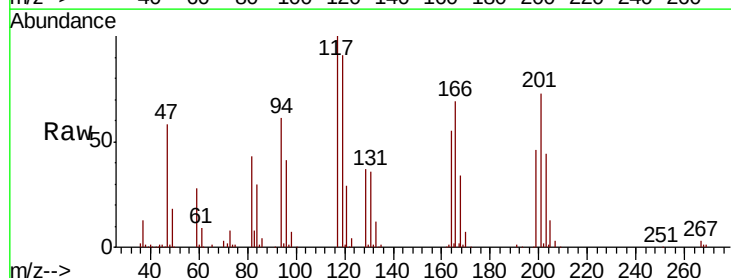
Acq: 7 Sep 2019 1:12

Tgt Ion: 117 Resp: 99356

Ion Ratio Lower Upper

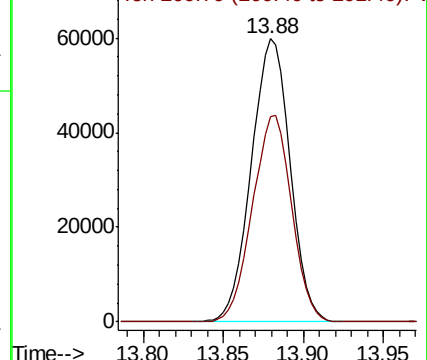
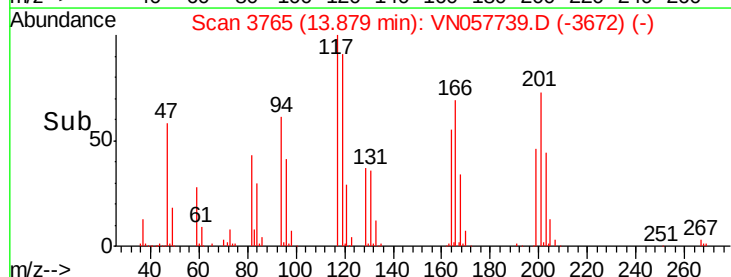
117 100

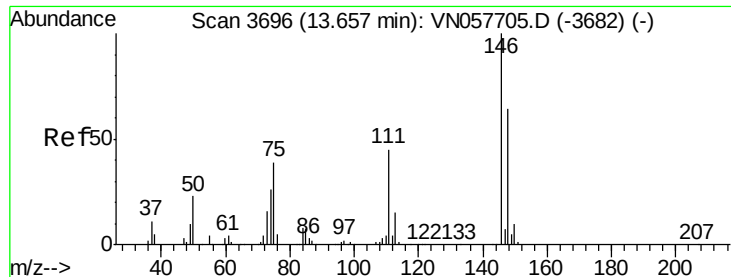
201 73.8 36.4 109.2



Abundance Ion 116.80 (116.50 to 117.50): VN057739.D (-3672) (-)

Ion 200.70 (200.40 to 201.40): VN057739.D (-3672) (-)

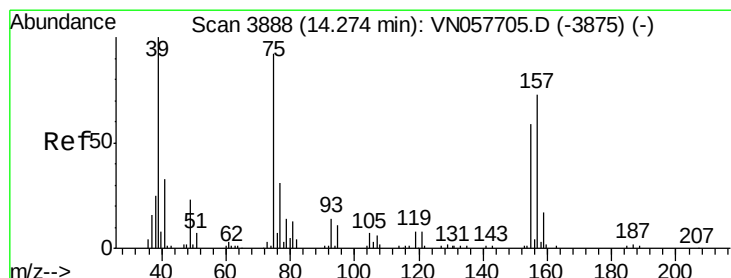
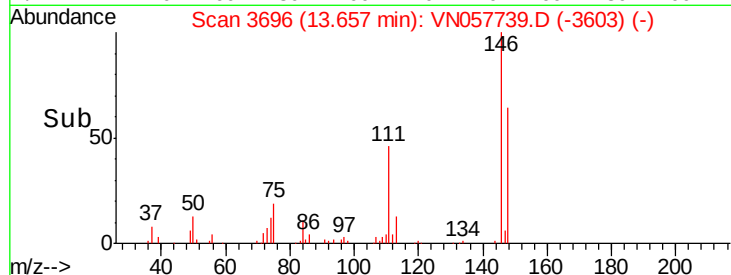
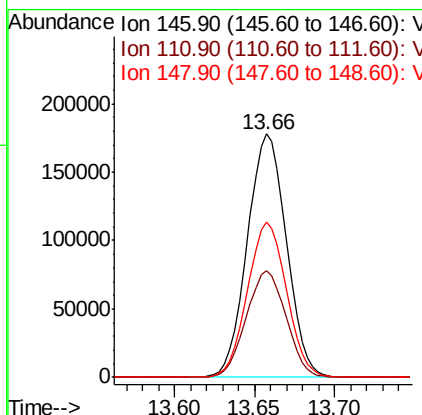
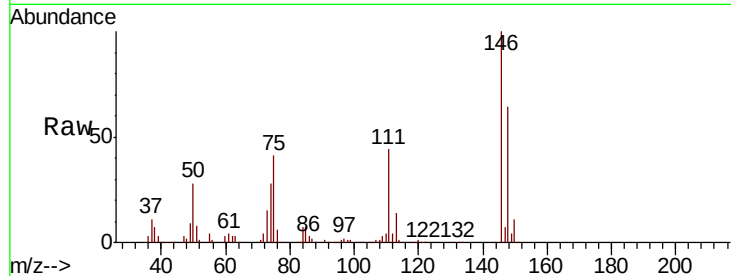




#91
 1,2-Dichlorobenzene
 Concen: 50.057 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN057739.D
 Acq: 7 Sep 2019 1:12

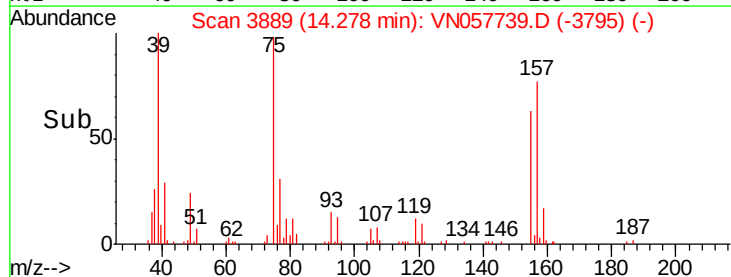
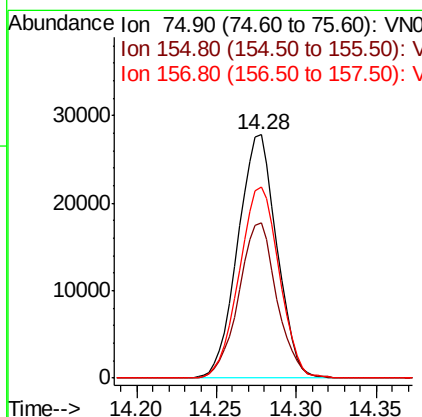
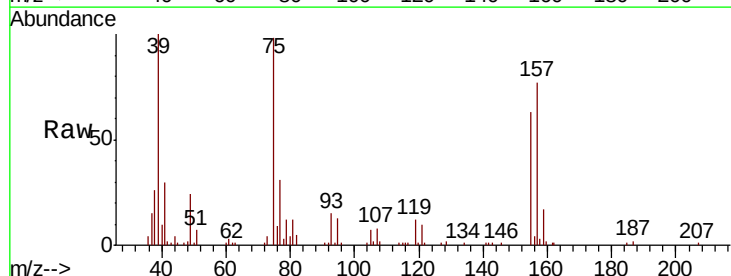
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

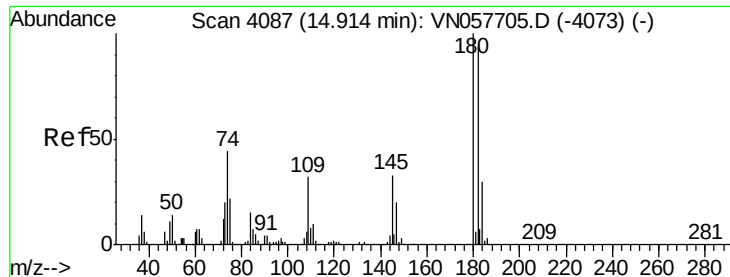
Tgt Ion: 146 Resp: 297167
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.8 68.3
 148 63.8 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.583 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN057739.D
 Acq: 7 Sep 2019 1:12

Tgt Ion: 75 Resp: 46118
 Ion Ratio Lower Upper
 75 100
 155 62.3 30.1 90.5
 157 80.5 38.1 114.5

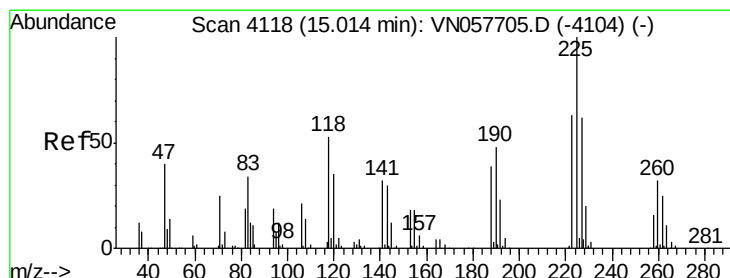
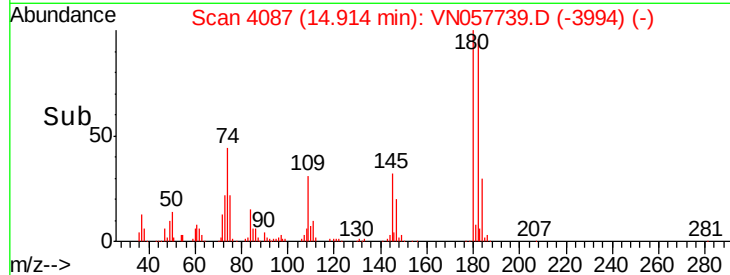
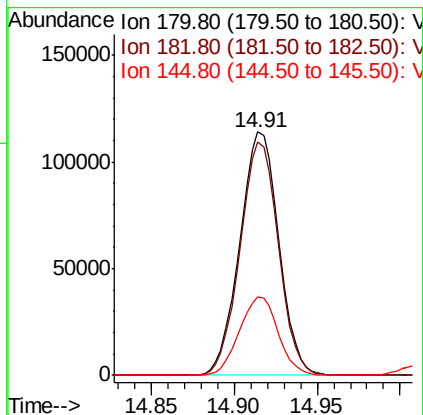
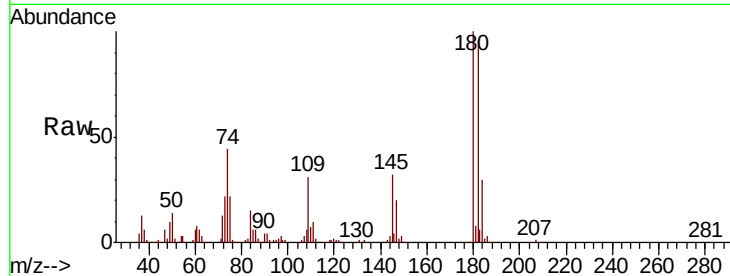




#93
 1,2,4-Trichlorobenzene
 Concen: 52.597 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057739.D
 Acq: 7 Sep 2019 1:12

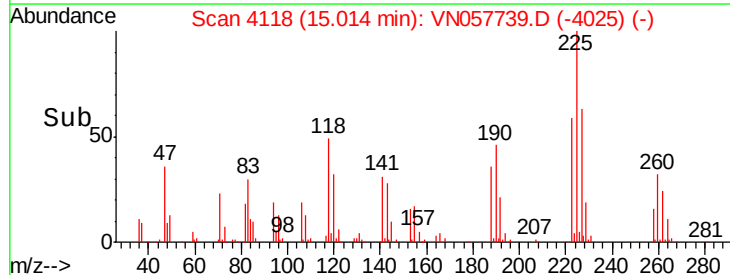
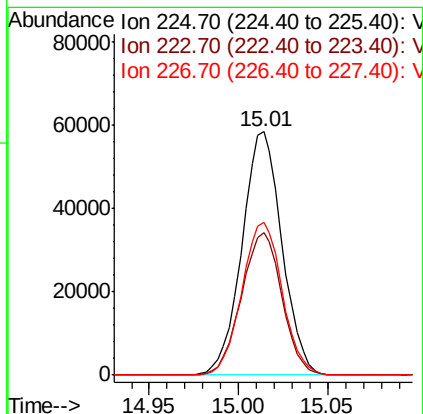
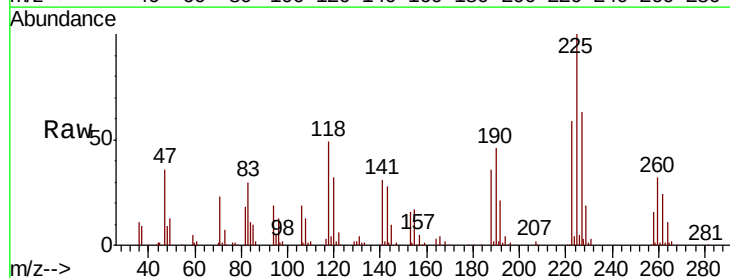
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

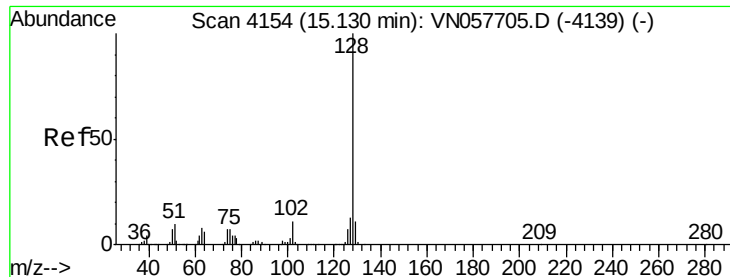
Tgt Ion:180 Resp: 186800
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.6 142.9
 145 32.1 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 52.697 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN057739.D
 Acq: 7 Sep 2019 1:12

Tgt Ion:225 Resp: 91223
 Ion Ratio Lower Upper
 225 100
 223 59.3 31.6 95.0
 227 63.4 31.7 95.1





#95

Naphthalene

Concen: 52.126 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

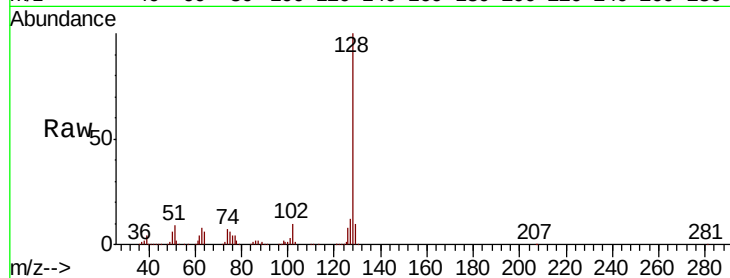
Tgt Ion:128 Resp: 537070

Ion Ratio Lower Upper

128 100

127 12.6 10.6 15.8

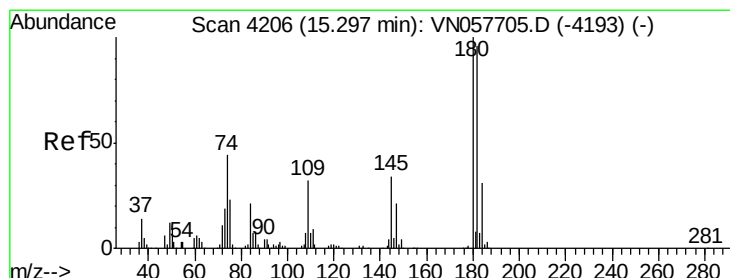
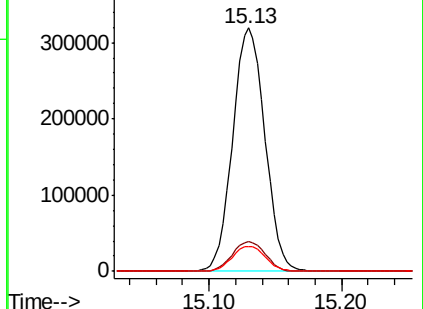
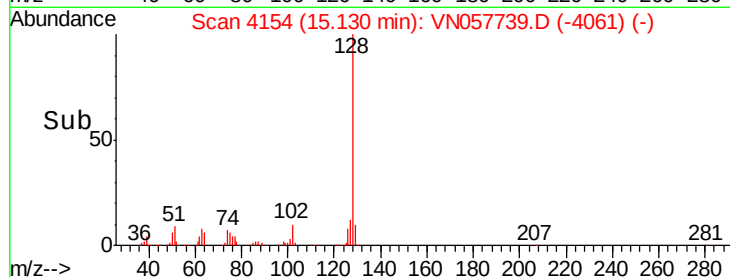
129 10.7 8.4 12.6



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: 52.360 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN057739.D

Acq: 7 Sep 2019 1:12

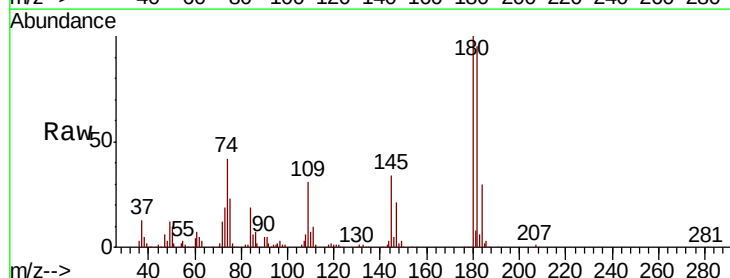
Tgt Ion:180 Resp: 178248

Ion Ratio Lower Upper

180 100

182 95.2 47.0 141.2

145 33.6 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

