

Data File : VN057771.D
Acq On : 7 Sep 2019 21:43
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 08 06:41:16 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	197112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	316929	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	302383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	174074	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	224005	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
35) Dibromofluoromethane	7.57	113	145757	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
50) Toluene-d8	10.09	98	535259	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.40	95	212967	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	145059	46.341 ug/l	97
3) Chloromethane	2.03	50	141900	38.250 ug/l	100
4) Vinyl Chloride	2.16	62	122354	45.135 ug/l	100
5) Bromomethane	2.53	94	63997	51.403 ug/l	99
6) Chloroethane	2.68	64	71370	44.596 ug/l	93
7) Trichlorofluoromethane	2.99	101	179771	41.322 ug/l	98
8) Diethyl Ether	3.39	74	82079	47.217 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	125055	46.059 ug/l	94
10) Methyl Iodide	3.93	142	157121	58.407 ug/l	99
11) Tert butyl alcohol	4.77	59	123462	226.613 ug/l	100
12) 1,1-Dichloroethene	3.72	96	113054	46.279 ug/l	94
13) Acrolein	3.59	56	54299	209.567 ug/l	97
14) Allyl chloride	4.30	41	245896	44.049 ug/l	98
15) Acrylonitrile	4.96	53	350216	250.029 ug/l	99
16) Acetone	3.80	43	339177	229.850 ug/l	99
17) Carbon Disulfide	4.03	76	238024	43.006 ug/l	99
18) Methyl Acetate	4.30	43	193169	48.138 ug/l	99
19) Methyl tert-butyl Ether	5.02	73	470831	45.909 ug/l	98
20) Methylene Chloride	4.53	84	143134	44.860 ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	120488	46.873 ug/l	97
22) Diisopropyl ether	5.93	45	559079	47.343 ug/l	98
23) Vinyl Acetate	5.87	43	2295086	240.115 ug/l	99
24) 1,1-Dichloroethane	5.83	63	281587	46.505 ug/l	99
25) 2-Butanone	6.81	43	523722	247.830 ug/l	99
26) 2,2-Dichloropropane	6.80	77	172287	34.107 ug/l	97
27) cis-1,2-Dichloroethene	6.81	96	157926	48.946 ug/l	91
28) Bromochloromethane	7.18	49	146251	46.163 ug/l	92
29) Tetrahydrofuran	7.19	42	336472	246.894 ug/l	99
30) Chloroform	7.36	83	300673	47.654 ug/l	99
31) Cyclohexane	7.64	56	229733	42.685 ug/l	99
32) 1,1,1-Trichloroethane	7.56	97	255924	48.697 ug/l	98
36) 1,1-Dichloropropene	7.78	75	198951	47.187 ug/l	97
37) Ethyl Acetate	6.91	43	221128	52.828 ug/l	100
38) Carbon Tetrachloride	7.76	117	202051	50.048 ug/l	98

Data File : VN057771.D
Acq On : 7 Sep 2019 21:43
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 08 06:41:16 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)
39) Methylcyclohexane	9.07	83	209756	47.034	ug/l	99
40) Benzene	8.03	78	598380	50.176	ug/l	98
41) Methacrylonitrile	7.15	41	117542	57.447	ug/l #	87
42) 1,2-Dichloroethane	8.11	62	270866	48.456	ug/l	99
43) Isopropyl Acetate	8.15	43	401737	50.002	ug/l	99
44) Trichloroethene	8.83	130	140945	52.586	ug/l	99
45) 1,2-Dichloropropane	9.11	63	164749	49.395	ug/l	98
46) Dibromomethane	9.20	93	110821	51.798	ug/l	94
47) Bromodichloromethane	9.40	83	228333	50.218	ug/l	99
48) Methyl methacrylate	9.19	41	198103	47.943	ug/l	97
49) 1,4-Dioxane	9.19	88	51671	1074.752	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1181431	264.779	ug/l	100
52) Toluene	10.15	92	370823	51.303	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	219080	48.027	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	239306	48.556	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	150019	51.574	ug/l	97
56) Ethyl methacrylate	10.43	69	237575	51.170	ug/l	98
57) 1,3-Dichloropropane	10.71	76	259051	49.578	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	597600	253.706	ug/l	98
59) 2-Hexanone	10.75	43	854170	271.477	ug/l	100
60) Dibromochloromethane	10.90	129	155893	49.713	ug/l	99
61) 1,2-Dibromoethane	11.00	107	149979	53.708	ug/l	98
64) Tetrachloroethene	10.63	164	125515	53.241	ug/l	97
65) Chlorobenzene	11.43	112	393143	49.841	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	147100	53.595	ug/l	99
67) Ethyl Benzene	11.51	91	753627	49.519	ug/l	99
68) m/p-Xylenes	11.62	106	526692	100.478	ug/l	98
69) o-Xylene	11.95	106	262725	50.617	ug/l	99
70) Styrene	11.96	104	462614	51.510	ug/l	97
71) Bromoform	12.13	173	102379	49.924	ug/l #	99
73) Isopropylbenzene	12.25	105	746832	48.528	ug/l	99
74) N-amyl acetate	12.07	43	356109	46.321	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	222930	48.308	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	277473	69.414	ug/l #	100
77) Bromobenzene	12.53	156	176172	52.692	ug/l	88
78) n-propylbenzene	12.59	91	872659	47.727	ug/l	98
79) 2-Chlorotoluene	12.68	91	521485	46.850	ug/l	95
80) 1,3,5-Trimethylbenzene	12.74	105	638057	48.806	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	53087	41.302	ug/l	97
82) 4-Chlorotoluene	12.78	91	542695	47.340	ug/l	96
83) tert-Butylbenzene	13.00	119	540955	49.084	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	635191	49.050	ug/l	99
85) sec-Butylbenzene	13.18	105	726520	47.849	ug/l	98
86) p-Isopropyltoluene	13.29	119	646638	50.252	ug/l	97
87) 1,3-Dichlorobenzene	13.29	146	315364	50.455	ug/l	97
88) 1,4-Dichlorobenzene	13.37	146	317236	50.737	ug/l	97
89) n-Butylbenzene	13.62	91	593523	46.639	ug/l	98
90) Hexachloroethane	13.88	117	99511	49.355	ug/l	91
91) 1,2-Dichlorobenzene	13.66	146	316854	51.490	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	44704	49.172	ug/l	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090719\
Quantitation Report (Not Reviewed)

Data File : VN057771.D
Acq On : 7 Sep 2019 21:43
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 08 06:41:16 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

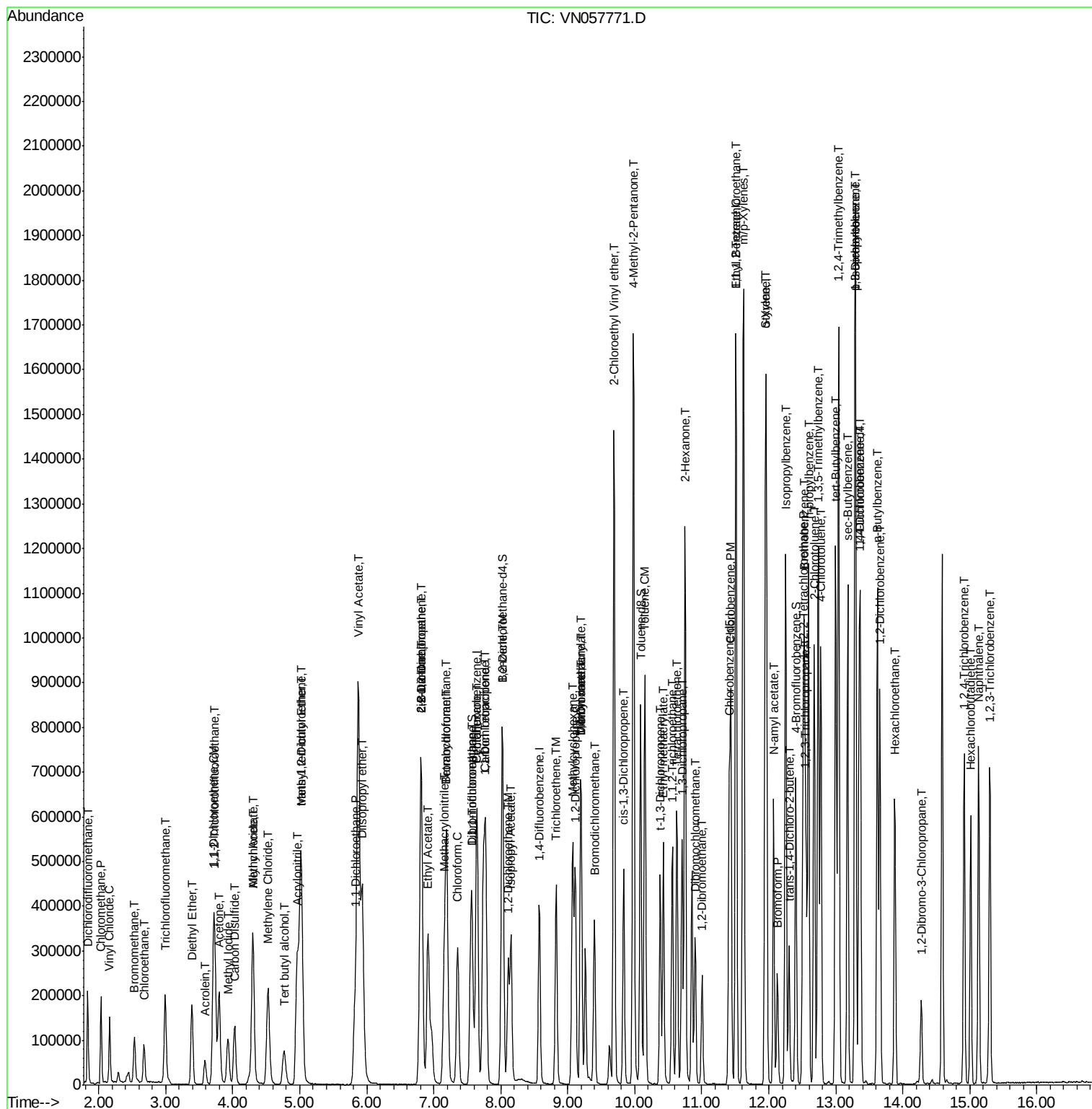
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	205035	55.694	ug/l	97
94) Hexachlorobutadiene	15.01	225	99955	55.704	ug/l	99
95) Naphthalene	15.13	128	560813	52.509	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	196868	55.789	ug/l	98

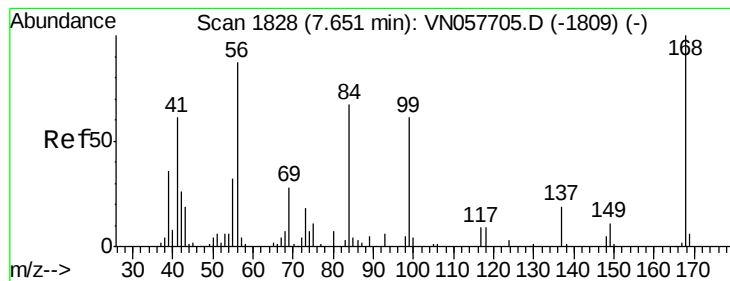
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VN057771.D
Acq On : 7 Sep 2019 21:43
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 08 06:41:16 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

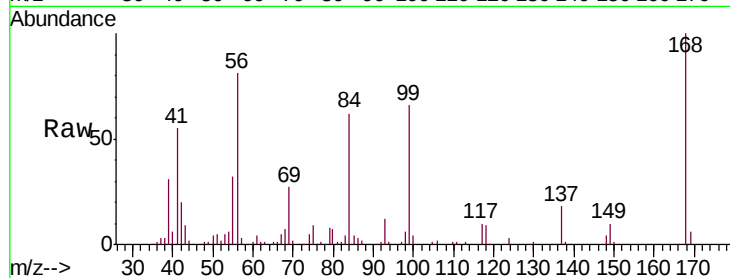
VSTDCCC050EC

Tgt Ion:168 Resp: 197112

Ion Ratio Lower Upper

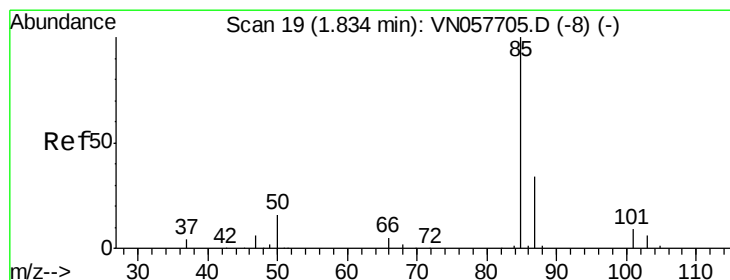
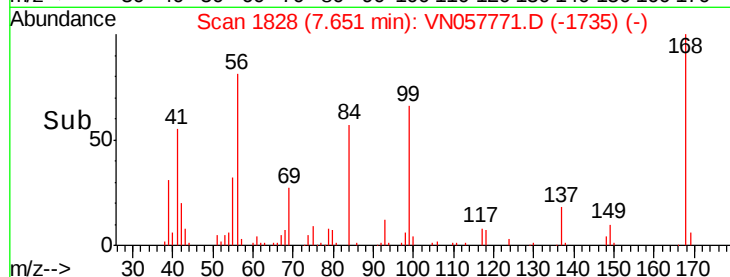
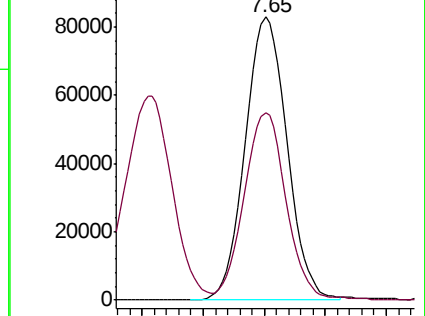
168 100

99 65.3 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: 46.341 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN057771.D

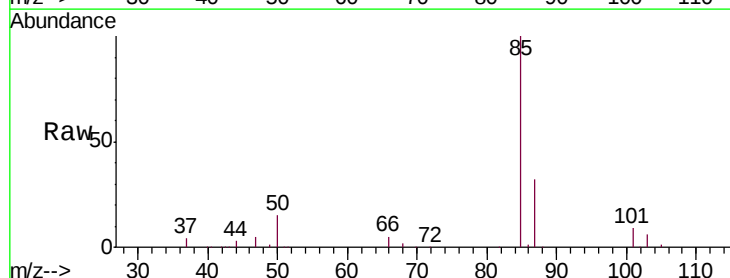
Acq: 7 Sep 2019 21:43

Tgt Ion: 85 Resp: 145059

Ion Ratio Lower Upper

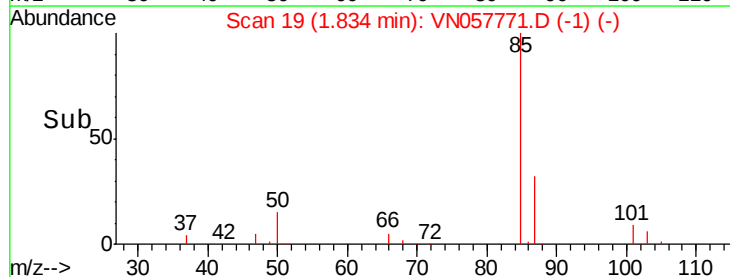
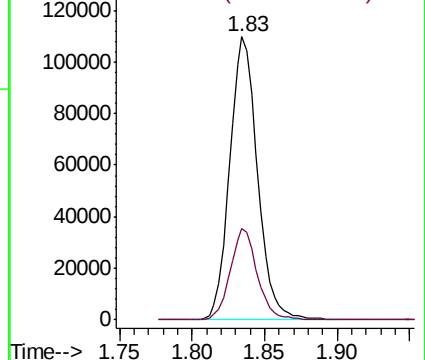
85 100

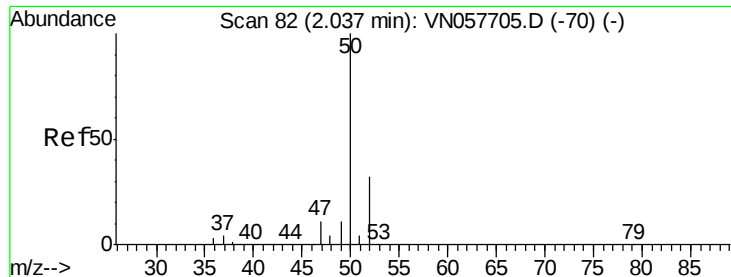
87 32.3 17.0 51.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 38.250 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

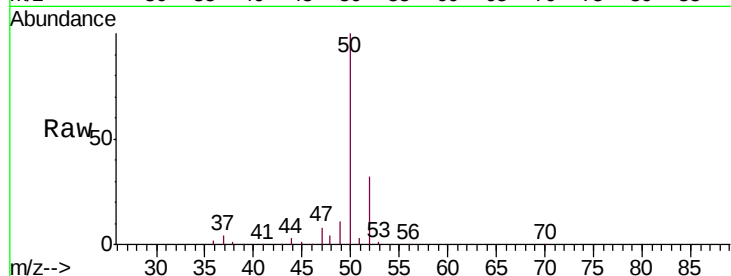
VSTDCCC050EC

Tgt Ion: 50 Resp: 141900

Ion Ratio Lower Upper

50 100

52 32.4 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN057771.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN057771.D (-1) (-)

2.03

120000

100000

80000

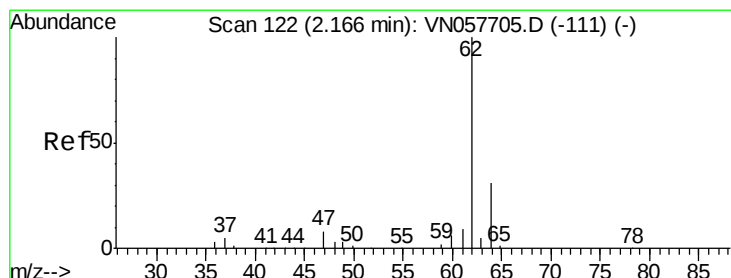
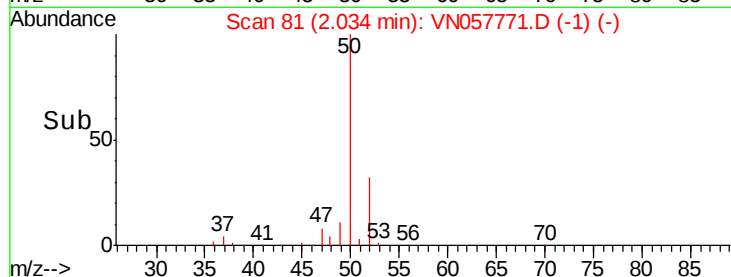
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 45.135 ug/l

RT: 2.16 min Scan# 121

Delta R.T. -0.00 min

Lab File: VN057771.D

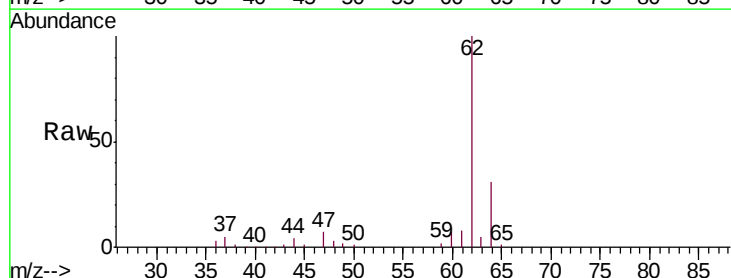
Acq: 7 Sep 2019 21:43

Tgt Ion: 62 Resp: 122354

Ion Ratio Lower Upper

62 100

64 31.1 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VN057771.D (-29) (-)

Ion 63.90 (63.60 to 64.60): VN057771.D (-29) (-)

2.16

100000

80000

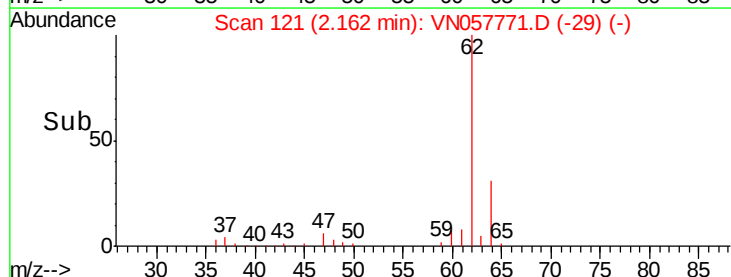
60000

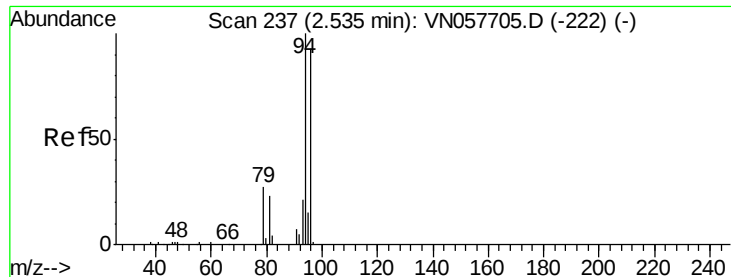
40000

20000

0

Time-->





#5

Bromomethane

Concen: 51.403 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

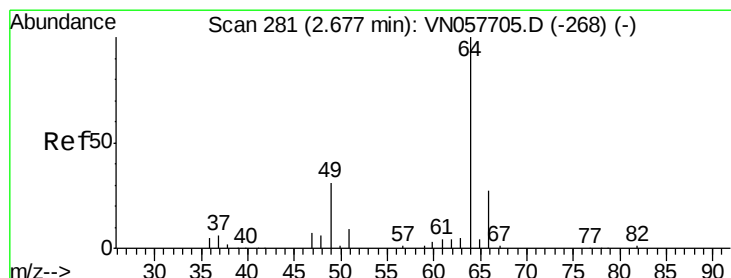
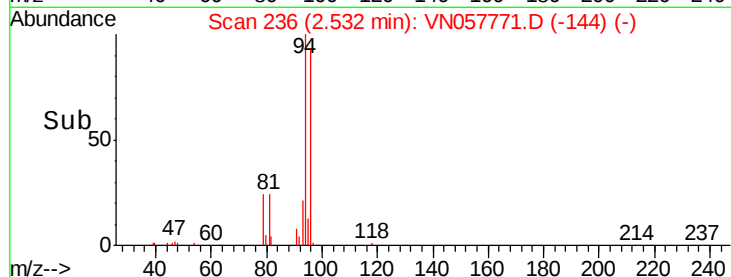
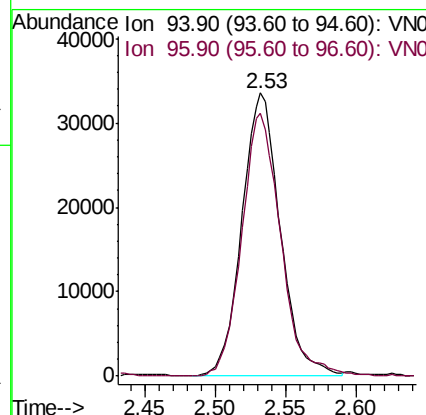
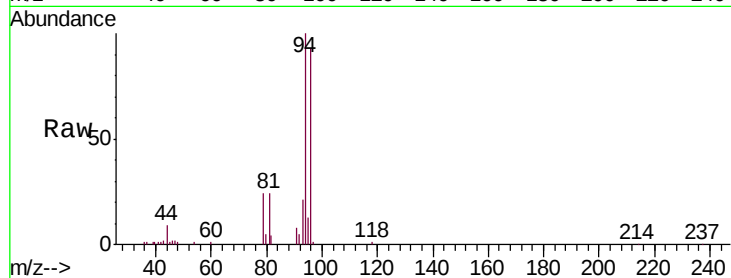
VSTDCCC050EC

Tgt Ion: 94 Resp: 63997

Ion Ratio Lower Upper

94 100

96 92.7 74.8 112.2



#6

Chloroethane

Concen: 44.596 ug/l

RT: 2.68 min Scan# 281

Delta R.T. 0.00 min

Lab File: VN057771.D

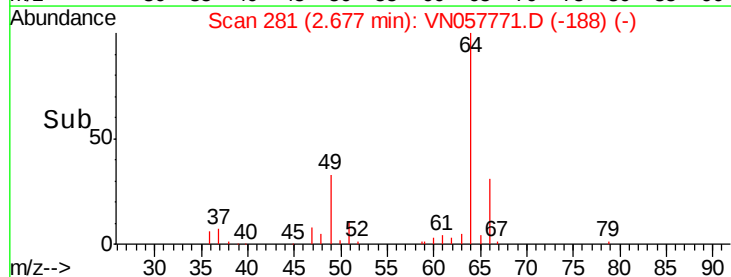
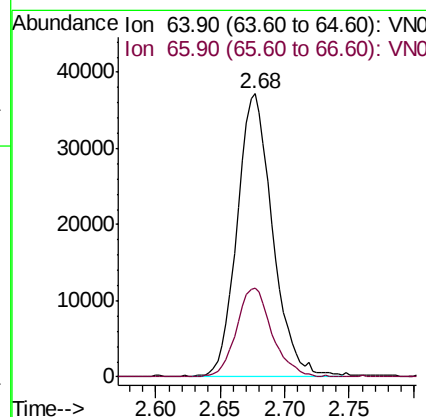
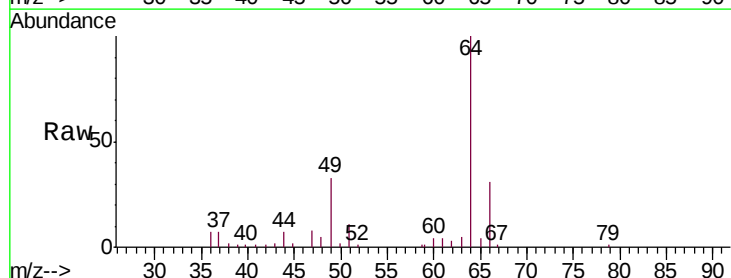
Acq: 7 Sep 2019 21:43

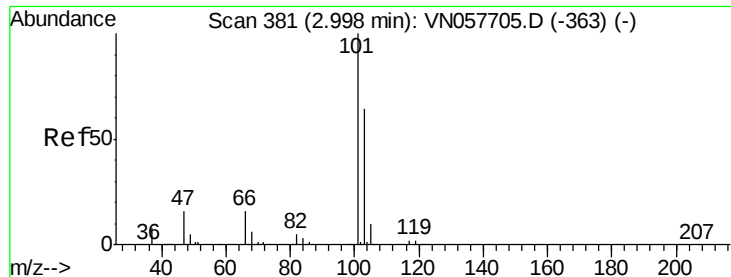
Tgt Ion: 64 Resp: 71370

Ion Ratio Lower Upper

64 100

66 31.3 22.0 33.0



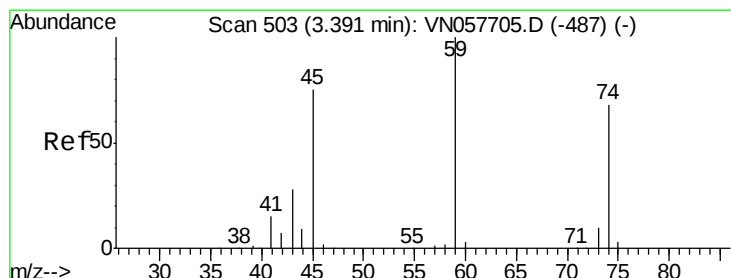
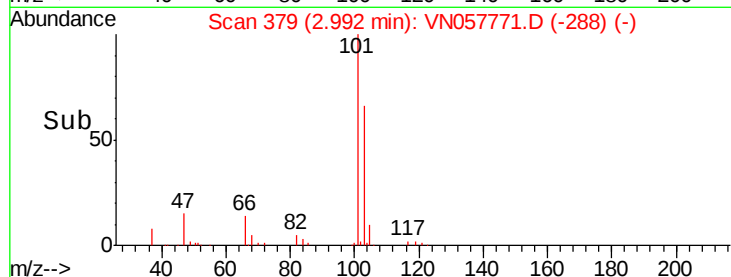
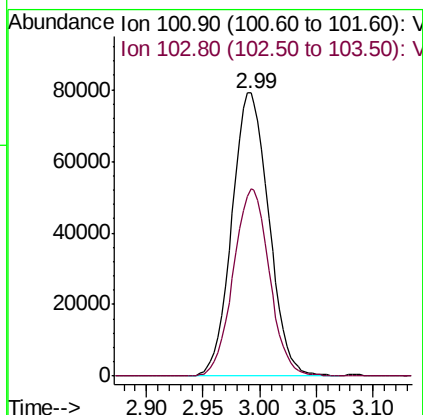
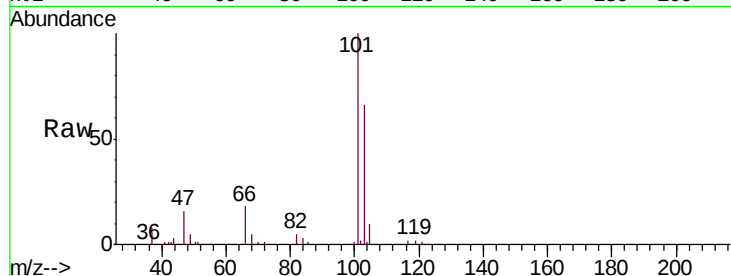


#7

Trichlorofluoromethane
 Concen: 41.322 ug/l
 RT: 2.99 min Scan# 379
 Delta R.T. -0.01 min
 Lab File: VN057771.D
 Acq: 7 Sep 2019 21:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

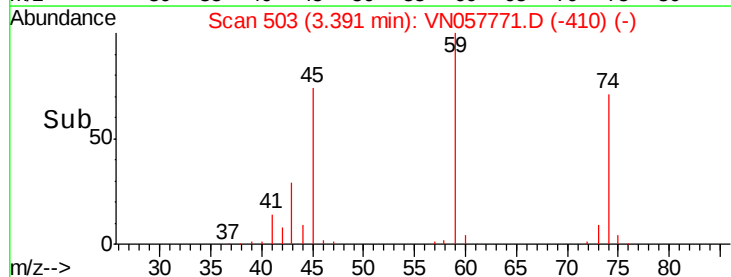
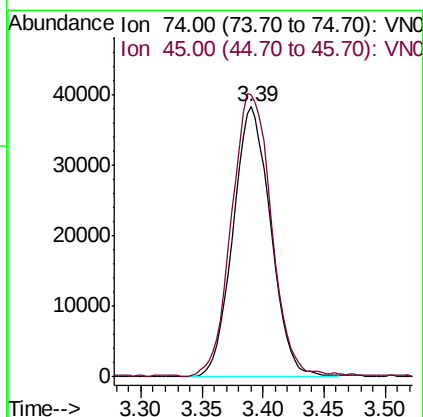
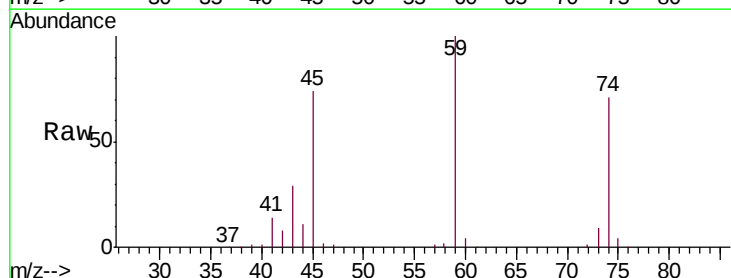
Tgt Ion: 101 Resp: 179771
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.4 77.0

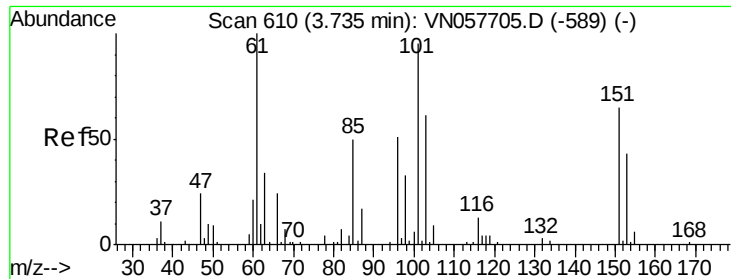


#8

Diethyl Ether
 Concen: 47.217 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VN057771.D
 Acq: 7 Sep 2019 21:43

Tgt Ion: 74 Resp: 82079
 Ion Ratio Lower Upper
 74 100
 45 111.5 55.4 166.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.059 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

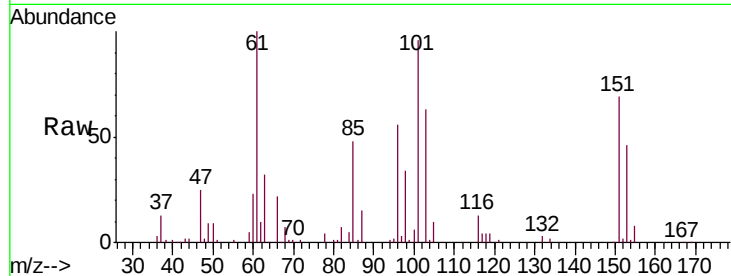
Tgt Ion:101 Resp: 125055

Ion Ratio Lower Upper

101 100

85 49.4 42.8 64.2

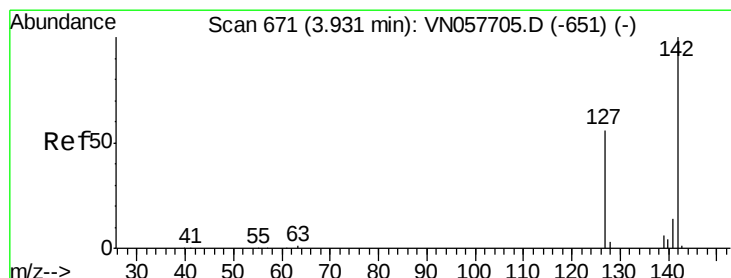
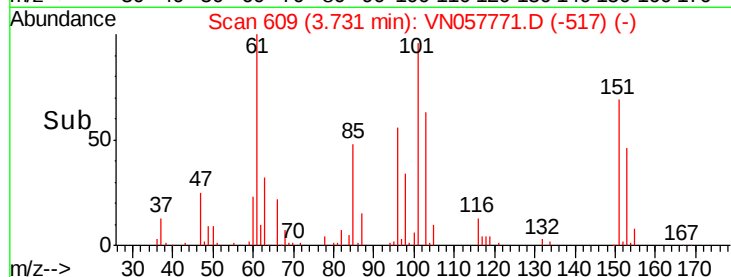
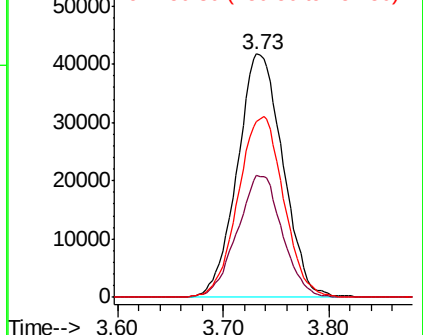
151 74.5 55.5 83.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 58.407 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

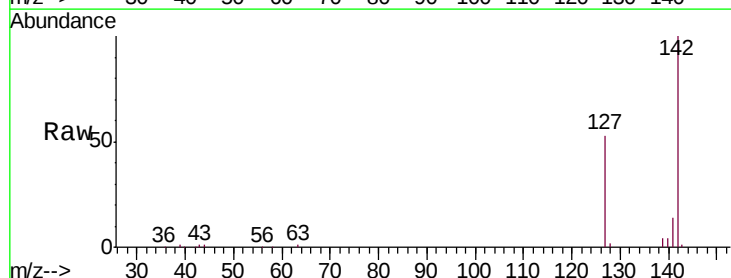
Tgt Ion:142 Resp: 157121

Ion Ratio Lower Upper

142 100

127 53.2 42.1 63.1

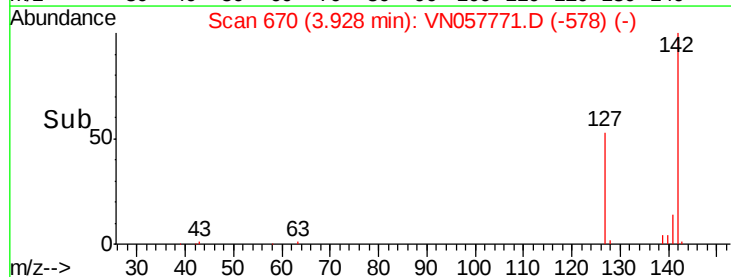
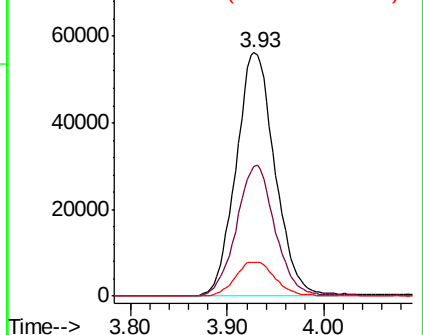
141 14.4 11.0 16.4

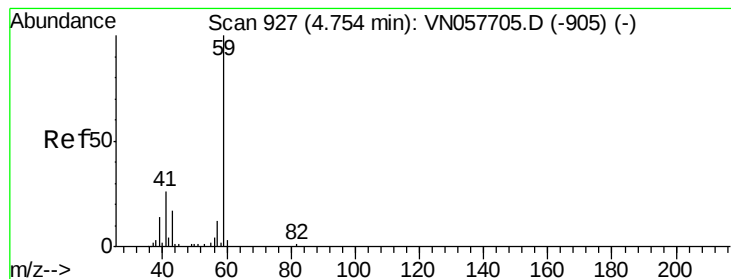


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



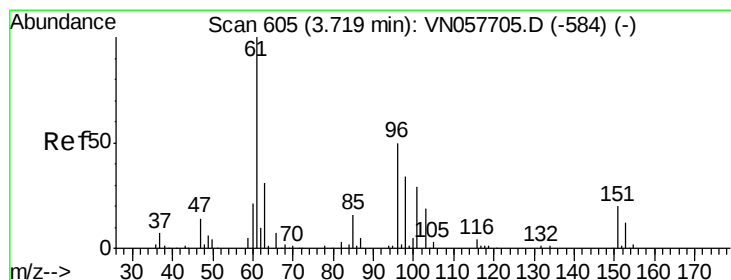
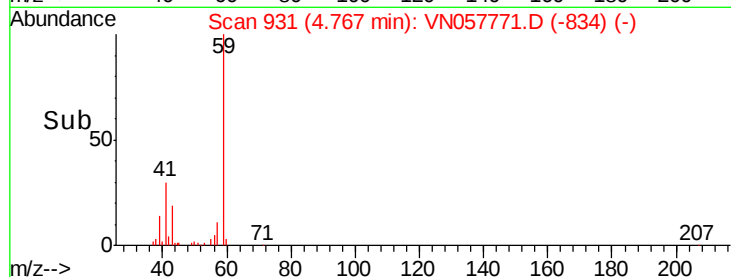
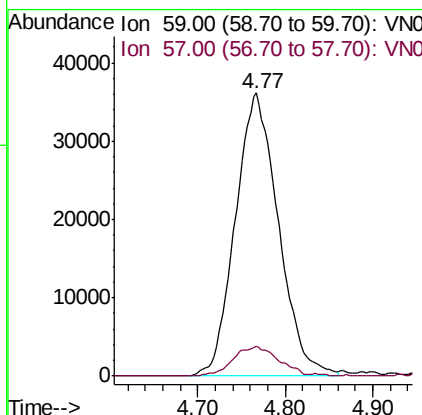
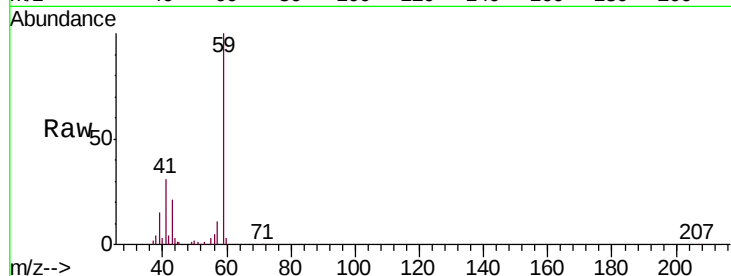


#11

Tert butyl alcohol
 Concen: 226.613 ug/l
 RT: 4.77 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: VN057771.D
 Acq: 7 Sep 2019 21:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

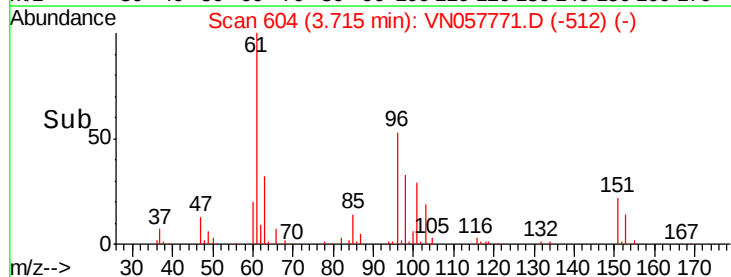
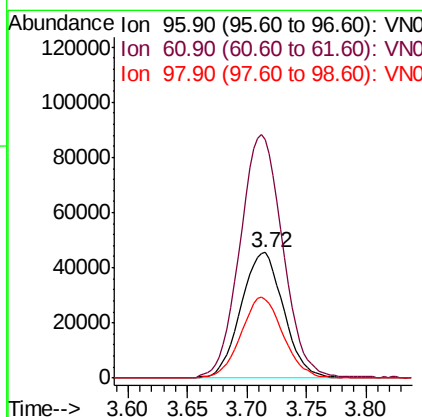
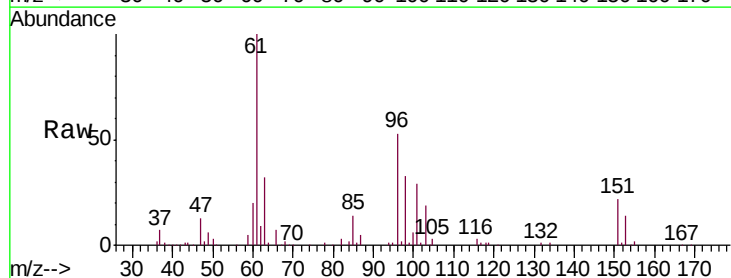
Tgt Ion: 59 Resp: 123462
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.9 13.3

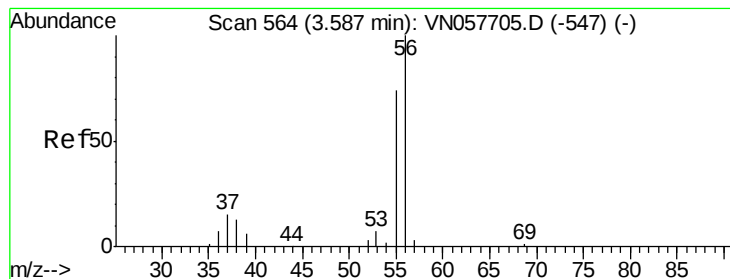


#12

1,1-Dichloroethene
 Concen: 46.279 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN057771.D
 Acq: 7 Sep 2019 21:43

Tgt Ion: 96 Resp: 113054
 Ion Ratio Lower Upper
 96 100
 61 189.8 158.7 238.1
 98 62.8 53.8 80.8





#13

Acrolein

Concen: 209.567 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

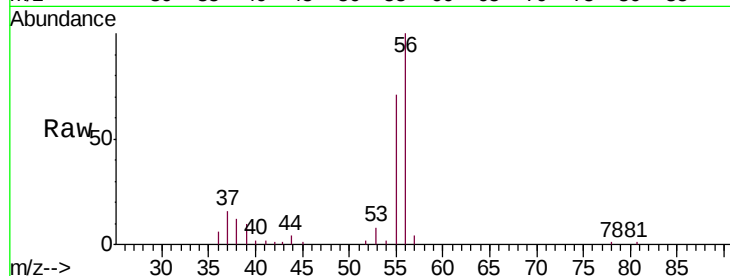
VSTDCCC050EC

Tgt Ion: 56 Resp: 54299

Ion Ratio Lower Upper

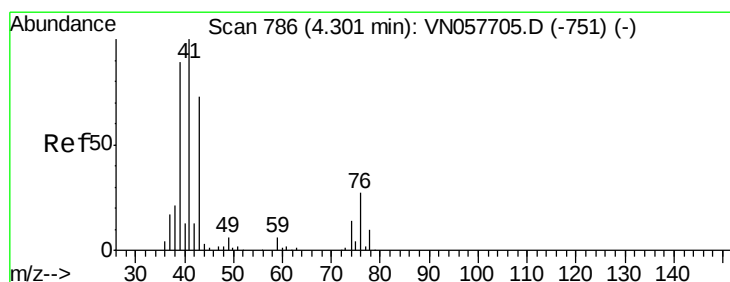
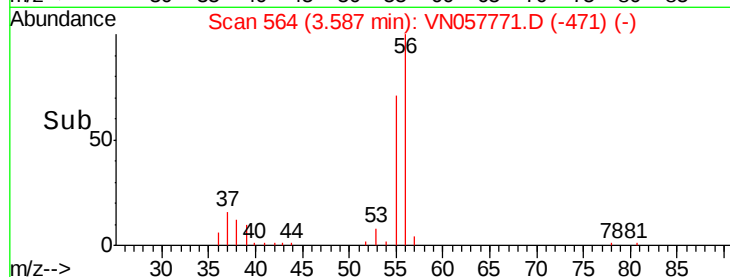
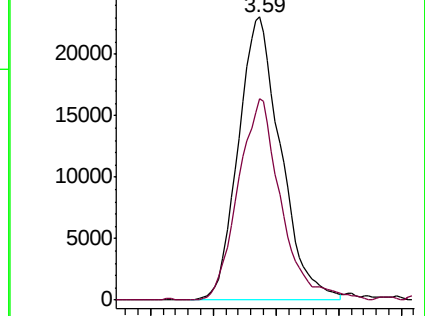
56 100

55 71.8 55.4 83.0



Abundance Ion 56.00 (55.70 to 56.70): VN057771.D (-471) (-)

Ion 55.00 (54.70 to 55.70): VN057771.D (-471) (-)



#14

Allyl chloride

Concen: 44.049 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

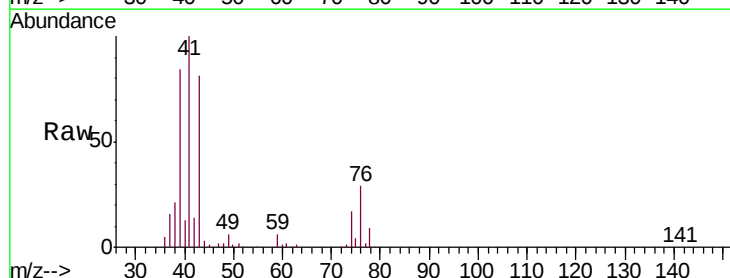
Tgt Ion: 41 Resp: 245896

Ion Ratio Lower Upper

41 100

39 81.6 67.5 101.3

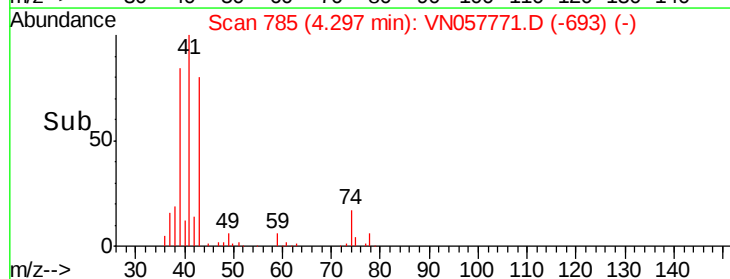
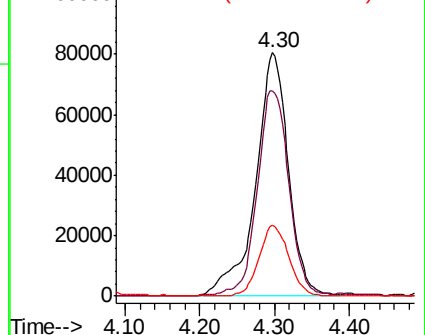
76 26.4 21.4 32.2

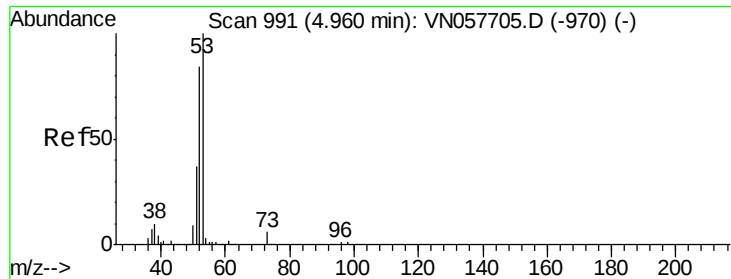


Abundance Ion 41.00 (40.70 to 41.70): VN057771.D (-693) (-)

Ion 39.00 (38.70 to 39.70): VN057771.D (-693) (-)

Ion 75.90 (75.60 to 76.60): VN057771.D (-693) (-)





#15

Acrylonitrile

Concen: 250.029 ug/l

RT: 4.96 min Scan# 991

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

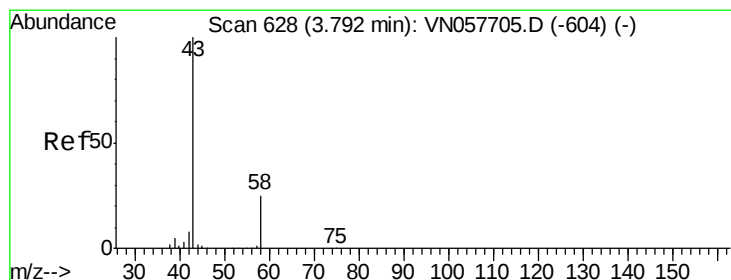
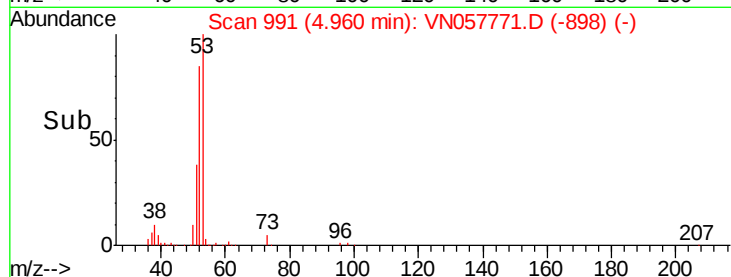
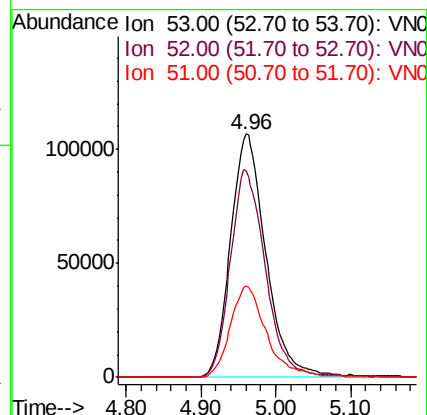
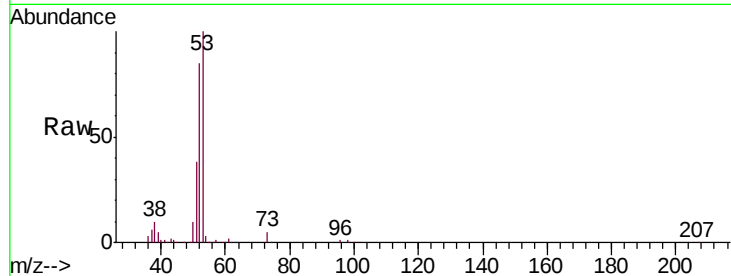
Tgt Ion: 53 Resp: 350216

Ion Ratio Lower Upper

53 100

52 83.7 68.1 102.1

51 38.3 30.4 45.6



#16

Acetone

Concen: 229.850 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN057771.D

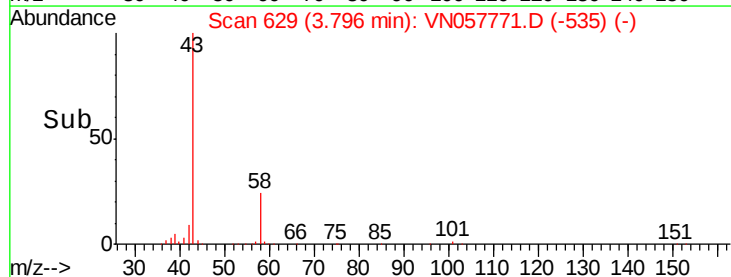
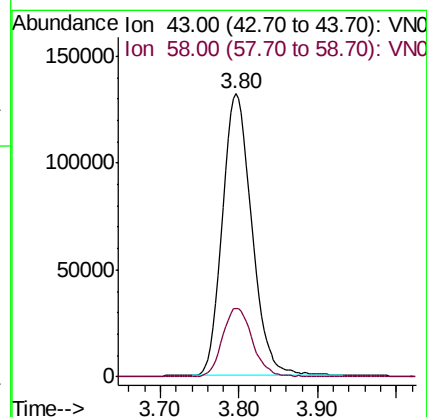
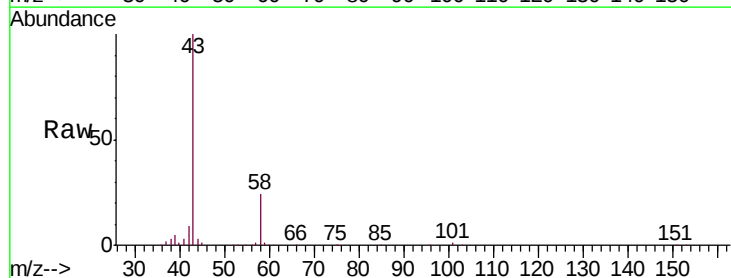
Acq: 7 Sep 2019 21:43

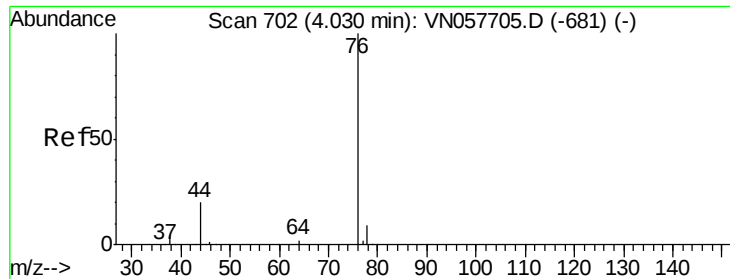
Tgt Ion: 43 Resp: 339177

Ion Ratio Lower Upper

43 100

58 24.4 19.8 29.8

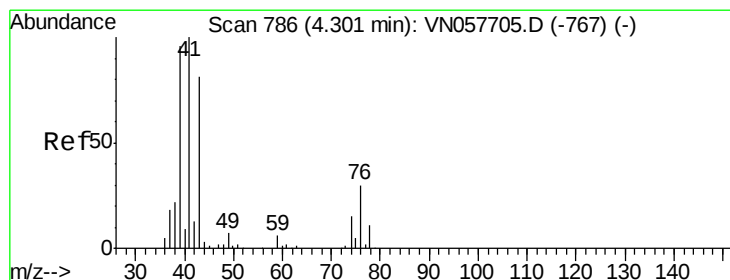
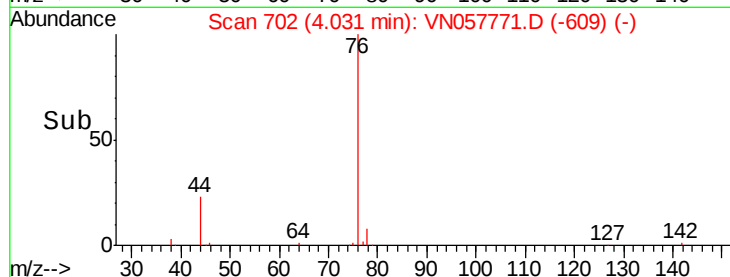
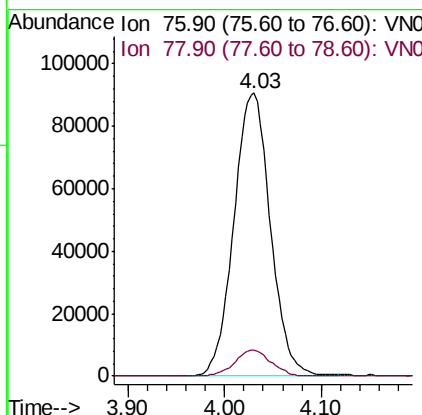
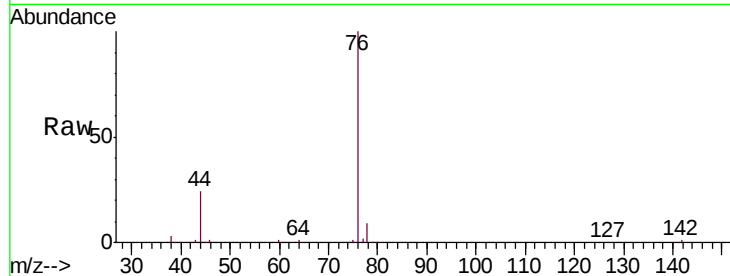




#17
Carbon Disulfide
Concen: 43.006 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN057771.D
Acq: 7 Sep 2019 21:43

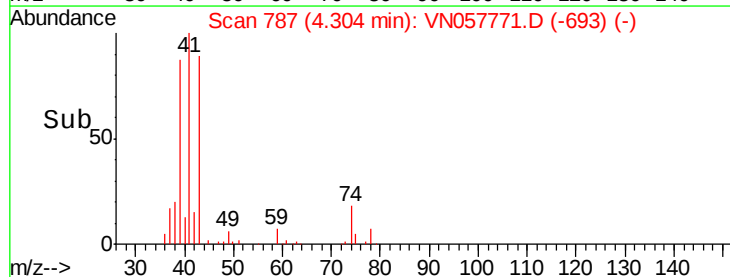
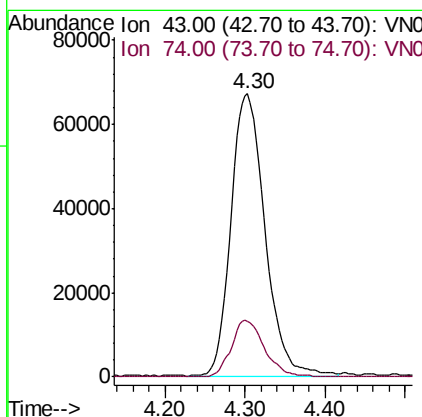
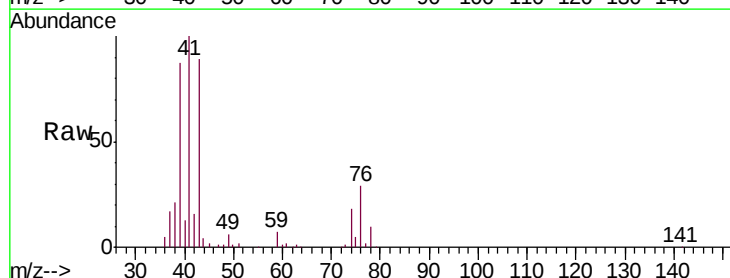
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

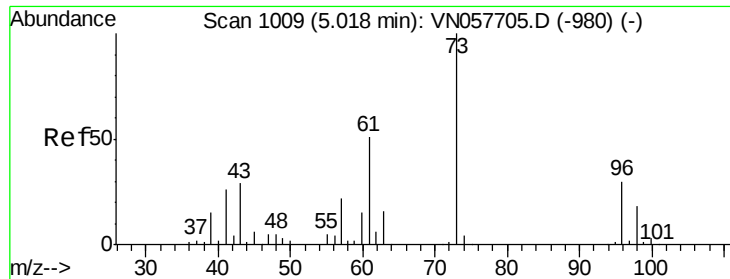
Tgt Ion: 76 Resp: 238024
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 48.138 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN057771.D
Acq: 7 Sep 2019 21:43

Tgt Ion: 43 Resp: 193169
Ion Ratio Lower Upper
43 100
74 19.6 15.3 22.9

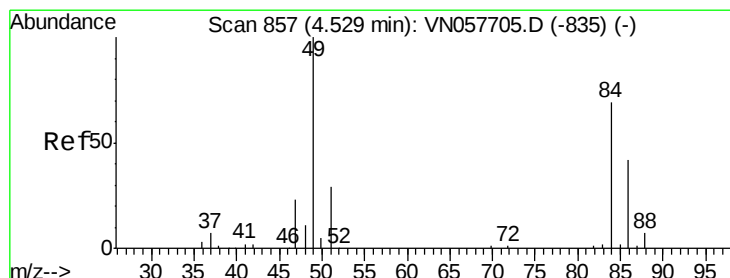
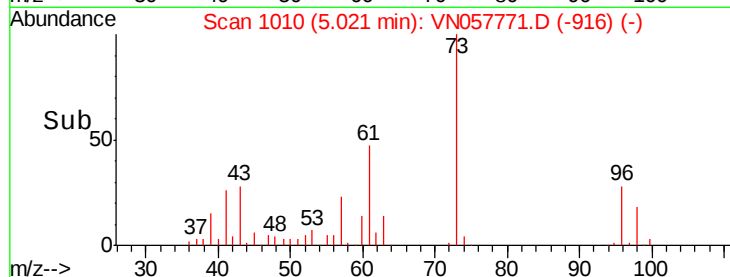
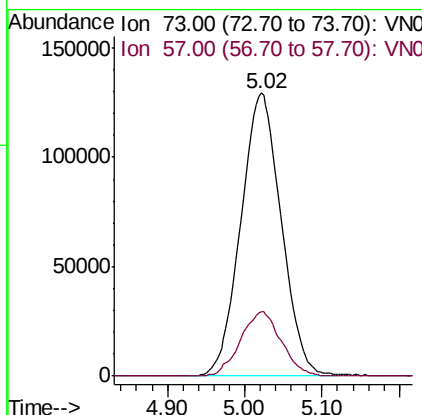
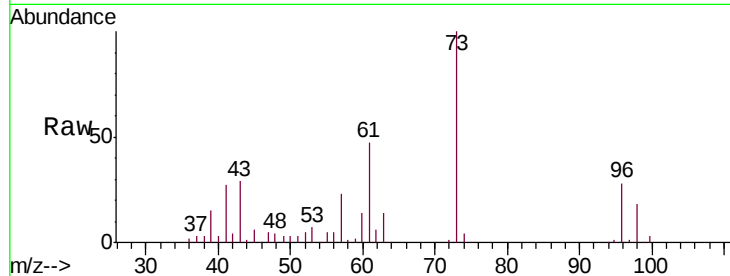




#19
Methyl tert-butyl Ether
Concen: 45.909 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN057771.D
Acq: 7 Sep 2019 21:43

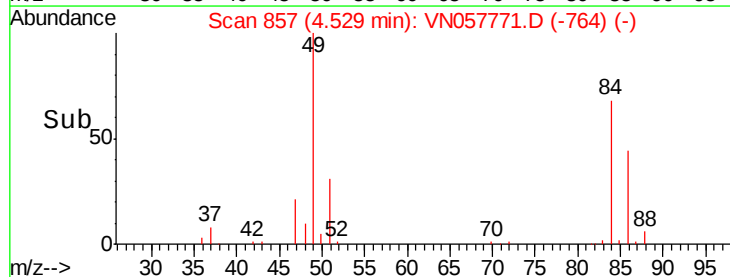
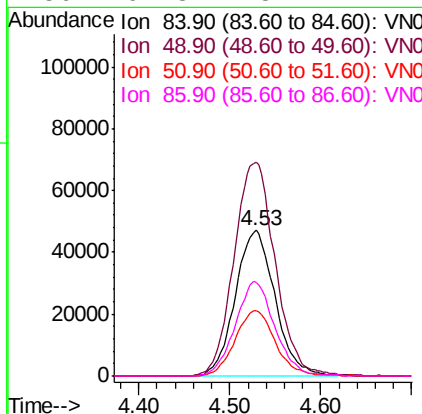
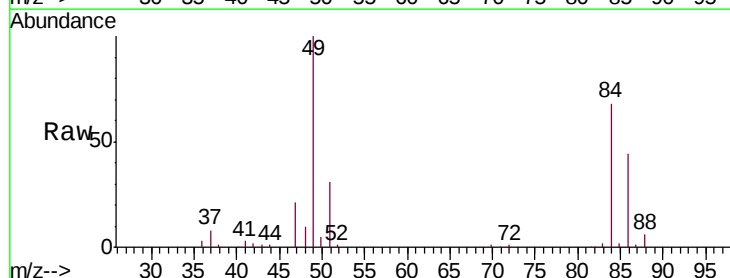
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

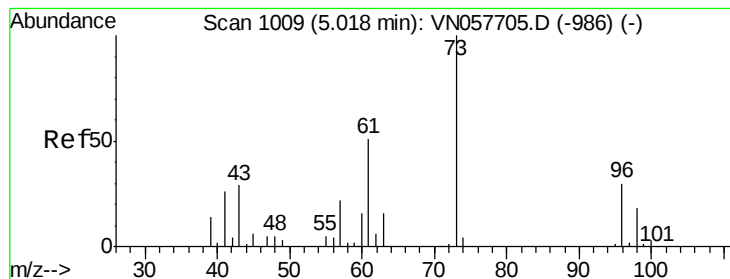
Tgt Ion: 73 Resp: 470831
Ion Ratio Lower Upper
73 100
57 22.9 17.7 26.5



#20
Methylene Chloride
Concen: 44.860 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN057771.D
Acq: 7 Sep 2019 21:43

Tgt Ion: 84 Resp: 143134
Ion Ratio Lower Upper
84 100
49 146.9 115.0 172.6
51 45.3 33.8 50.8
86 64.3 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 46.873 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. -0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

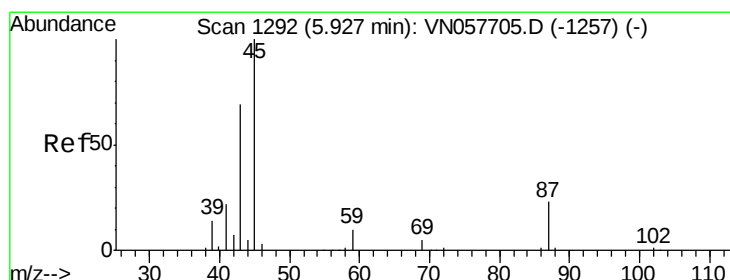
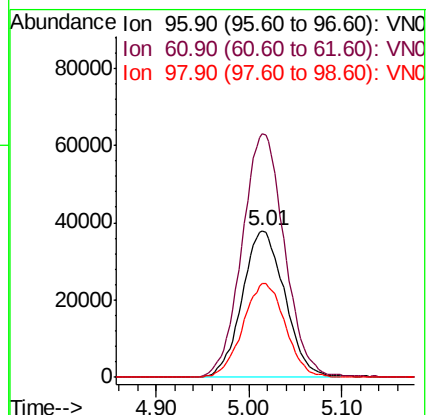
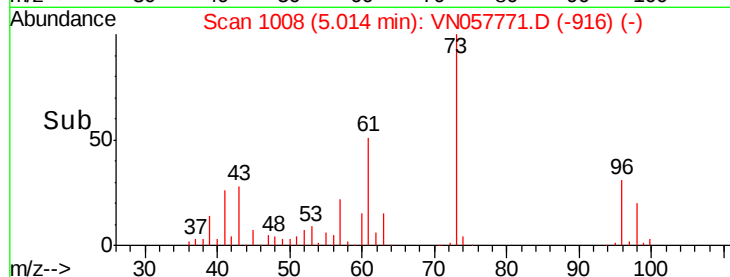
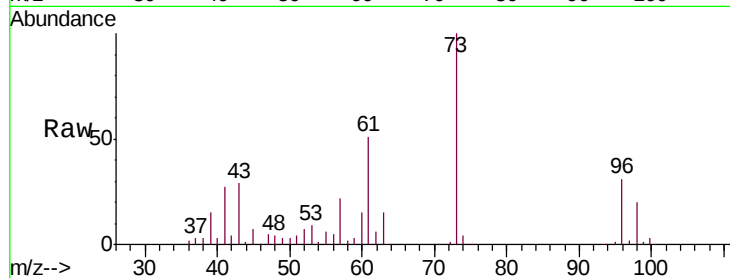
Tgt Ion: 96 Resp: 120488

Ion Ratio Lower Upper

96 100

61 166.2 135.8 203.8

98 64.4 49.0 73.6



#22

Diisopropyl ether

Concen: 47.343 ug/l

RT: 5.93 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Tgt Ion: 45 Resp: 559079

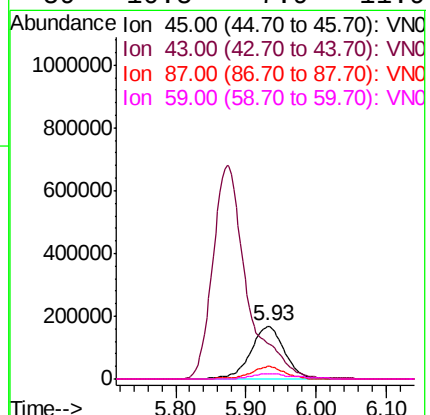
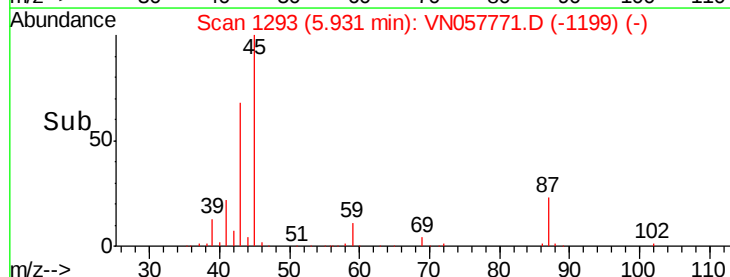
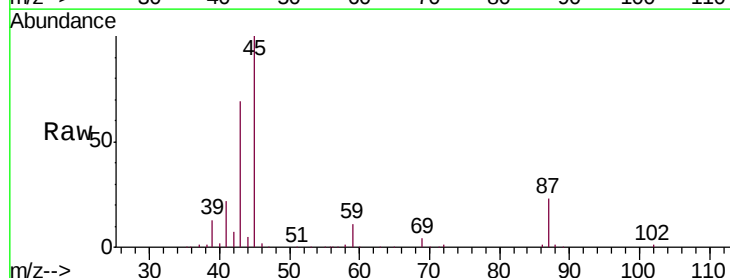
Ion Ratio Lower Upper

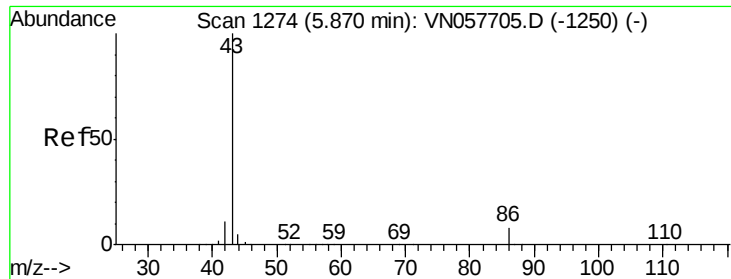
45 100

43 67.0 55.5 83.3

87 23.1 18.6 28.0

59 10.5 7.9 11.9





#23

Vinyl Acetate

Concen: 240.115 ug/l

RT: 5.87 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

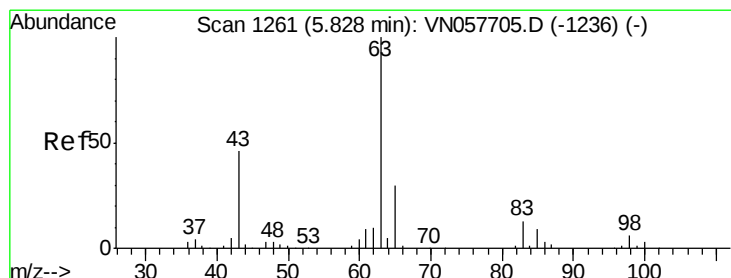
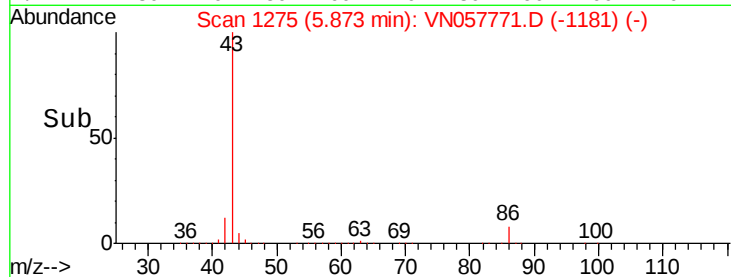
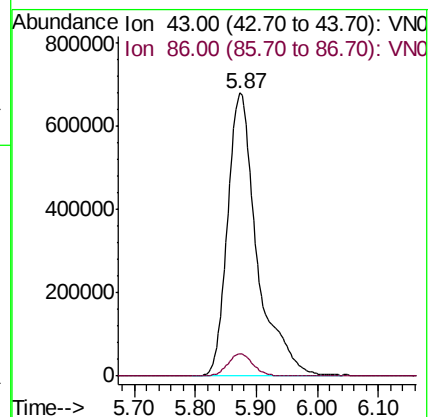
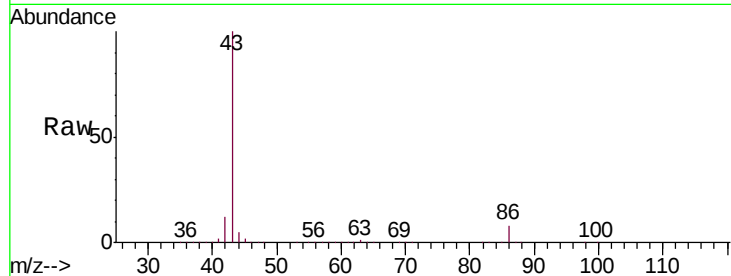
VSTDCCC050EC

Tgt Ion: 43 Resp: 2295086

Ion Ratio Lower Upper

43 100

86 8.0 6.2 9.4



#24

1,1-Dichloroethane

Concen: 46.505 ug/l

RT: 5.83 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

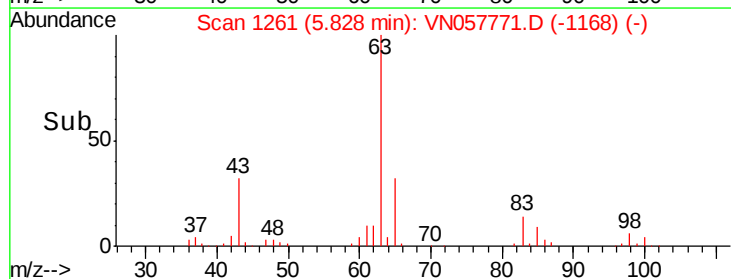
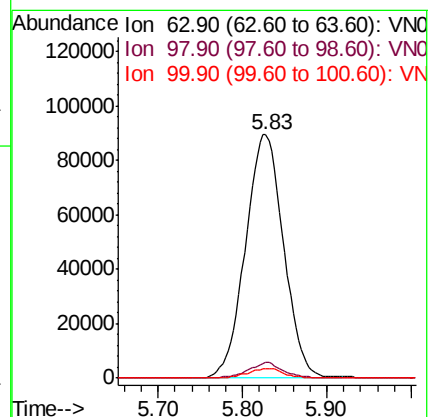
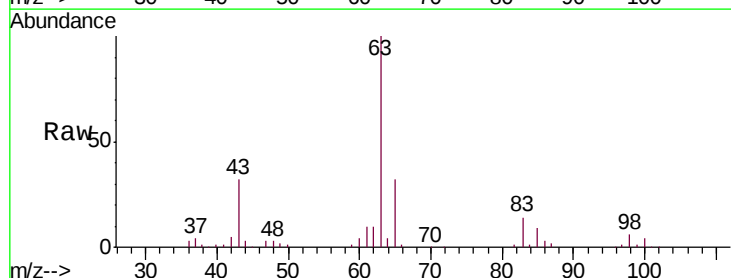
Tgt Ion: 63 Resp: 281587

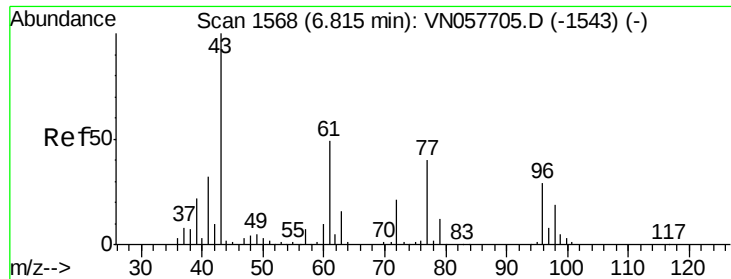
Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.8

100 3.6 1.7 5.0

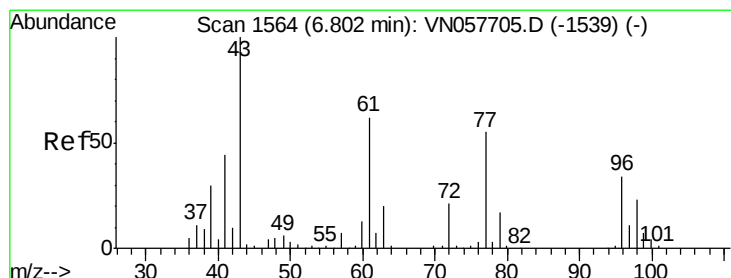
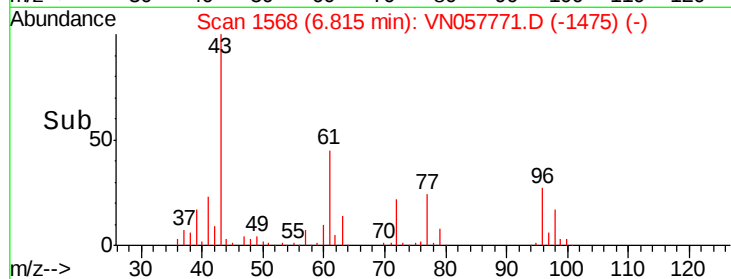
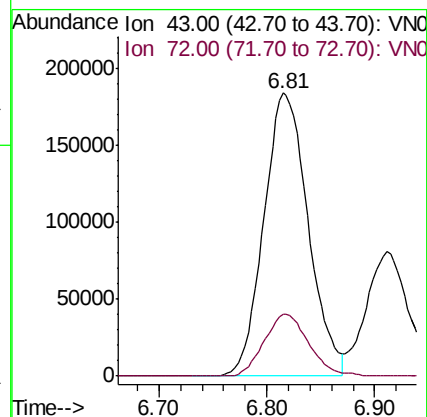
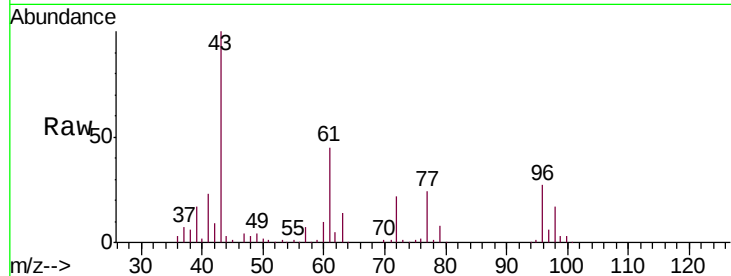




#25
2-Butanone
Concen: 247.830 ug/l
RT: 6.81 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN057771.D
Acq: 7 Sep 2019 21:43

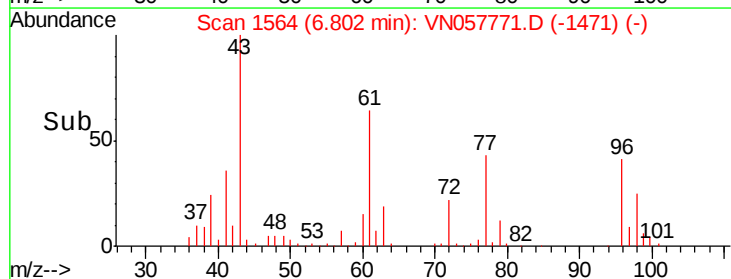
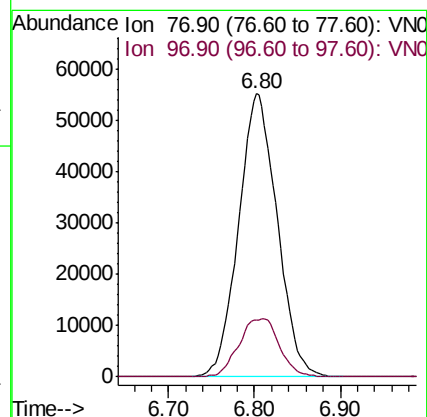
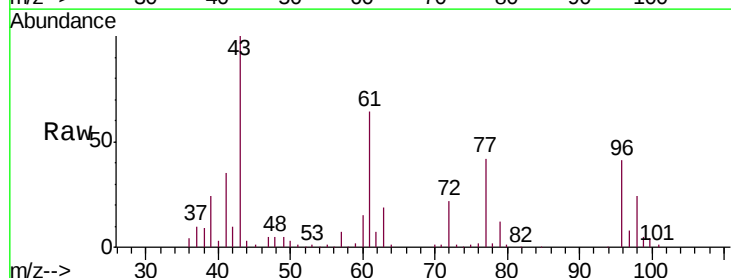
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

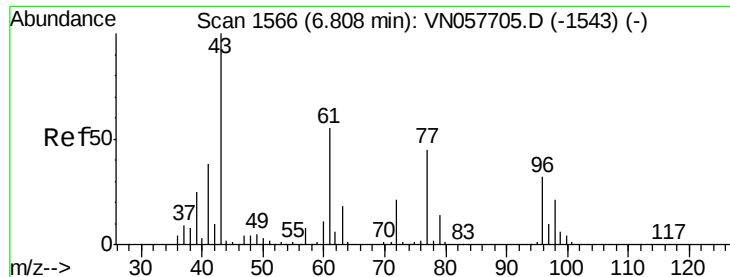
Tgt Ion: 43 Resp: 523722
Ion Ratio Lower Upper
43 100
72 21.8 17.0 25.6



#26
2,2-Dichloropropane
Concen: 34.107 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VN057771.D
Acq: 7 Sep 2019 21:43

Tgt Ion: 77 Resp: 172287
Ion Ratio Lower Upper
77 100
97 21.6 10.1 30.1





#27

cis-1,2-Dichloroethene

Concen: 48.946 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

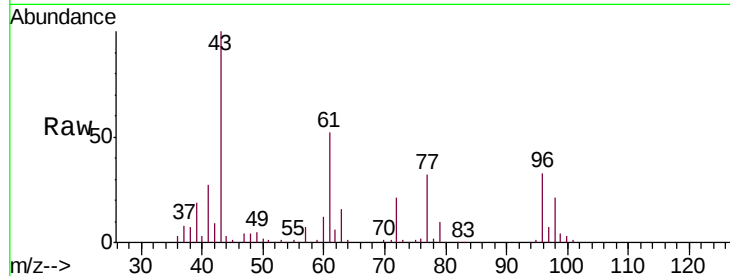
Tgt Ion: 96 Resp: 157926

Ion Ratio Lower Upper

96 100

61 164.0 0.0 360.6

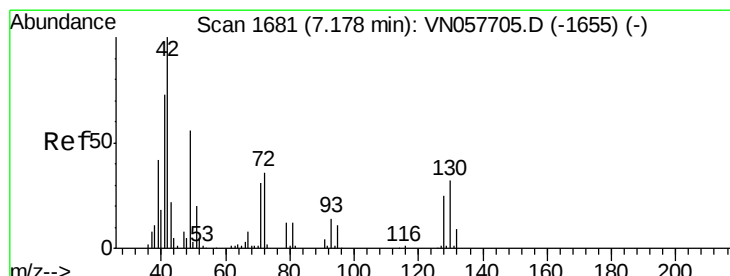
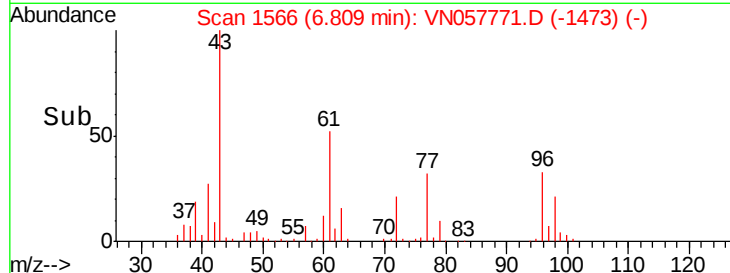
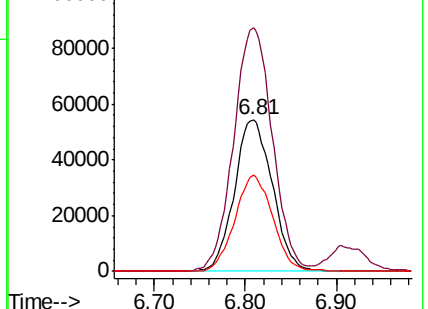
98 62.7 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN057771.D (-1473) (-)

Ion 60.90 (60.60 to 61.60): VN057771.D (-1473) (-)

Ion 97.90 (97.60 to 98.60): VN057771.D (-1473) (-)



#28

Bromochloromethane

Concen: 46.163 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

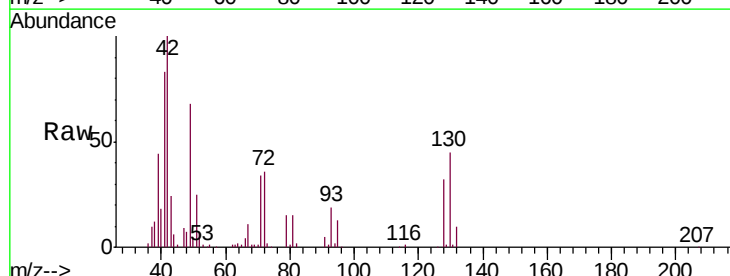
Tgt Ion: 49 Resp: 146251

Ion Ratio Lower Upper

49 100

129 0.4 0.0 2.4

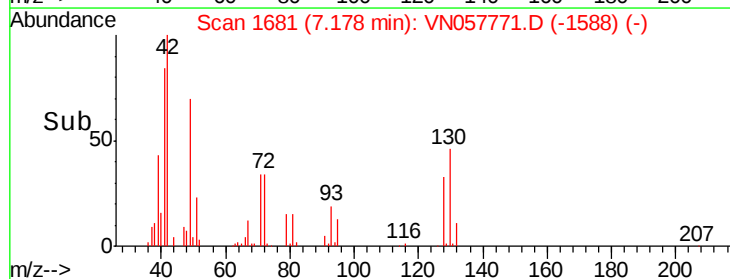
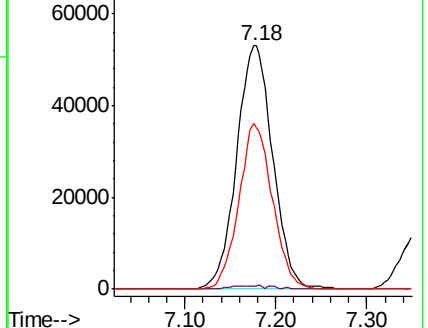
130 63.2 45.8 68.8

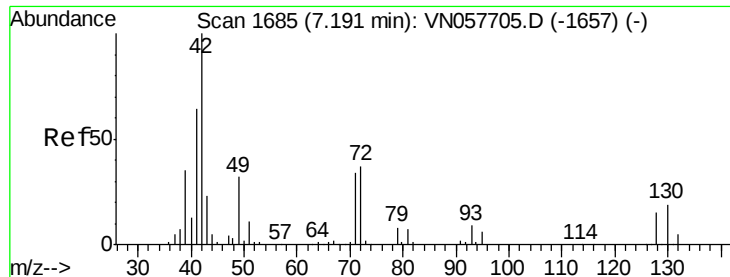


Abundance Ion 48.90 (48.60 to 49.60): VN057771.D (-1588) (-)

Ion 128.80 (128.50 to 129.50): VN057771.D (-1588) (-)

Ion 129.80 (129.50 to 130.50): VN057771.D (-1588) (-)





#29

Tetrahydrofuran

Concen: 246.894 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

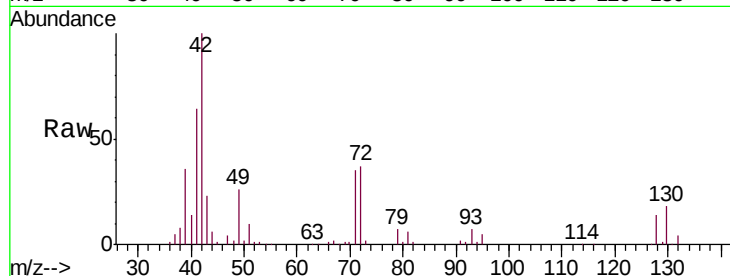
Tgt Ion: 42 Resp: 336472

Ion Ratio Lower Upper

42 100

72 36.0 29.2 43.8

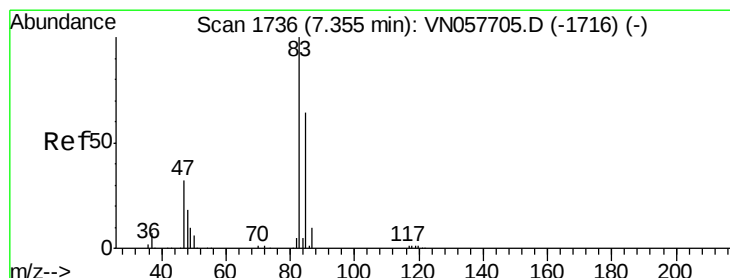
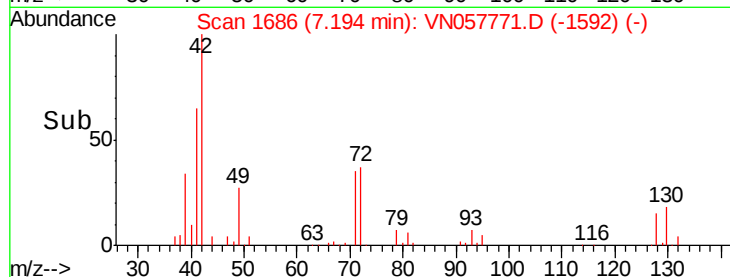
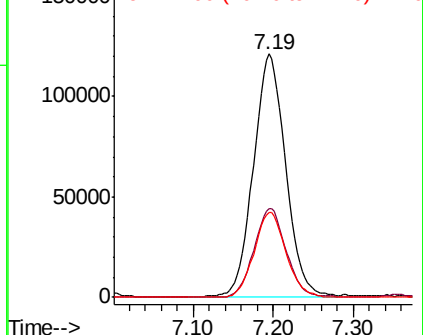
71 34.5 27.0 40.4



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 47.654 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VN057771.D

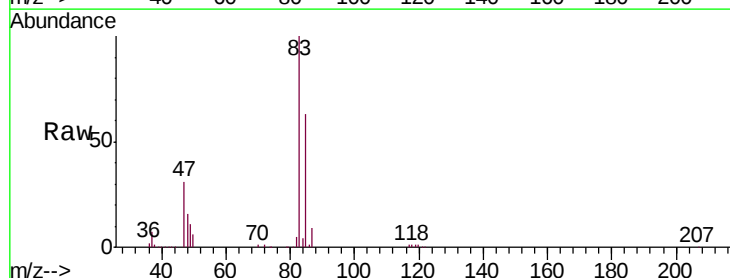
Acq: 7 Sep 2019 21:43

Tgt Ion: 83 Resp: 300673

Ion Ratio Lower Upper

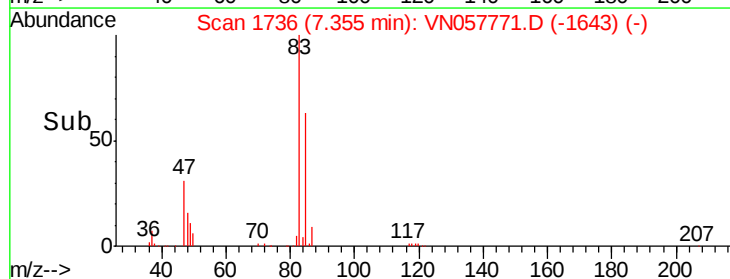
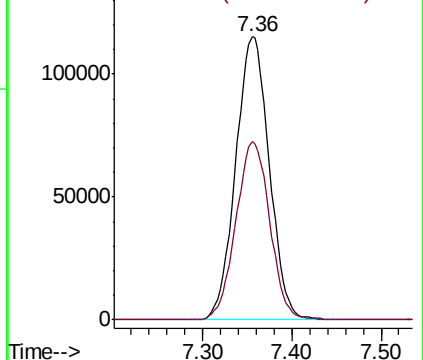
83 100

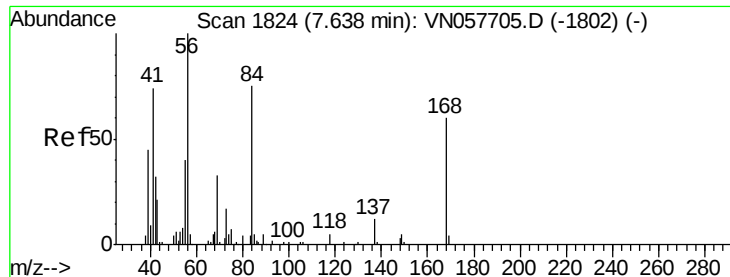
85 63.0 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

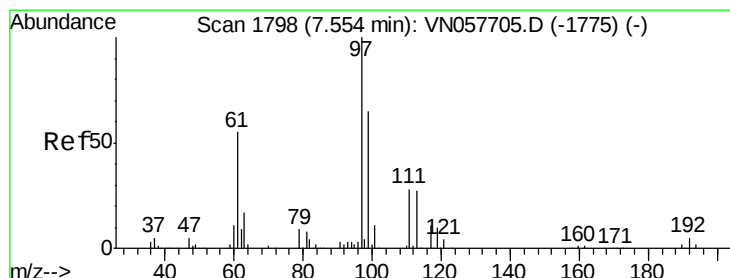
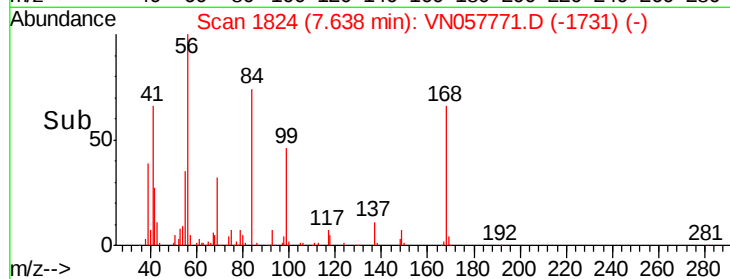
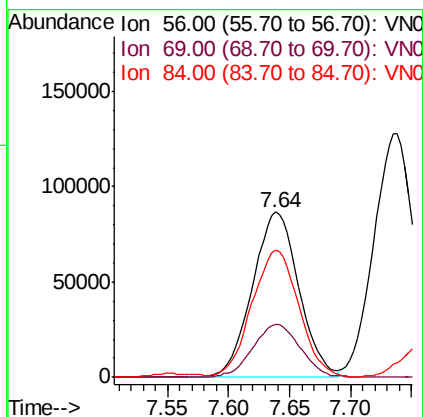
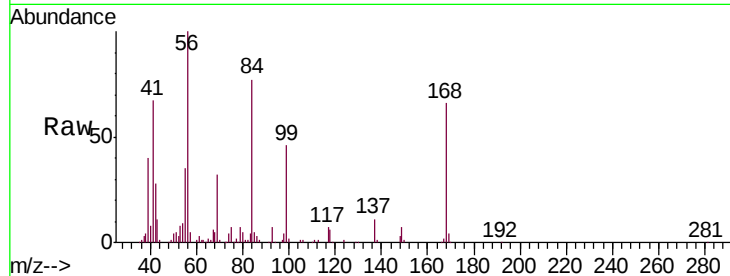




#31
Cyclohexane
Concen: 42.685 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VN057771.D
Acq: 7 Sep 2019 21:43

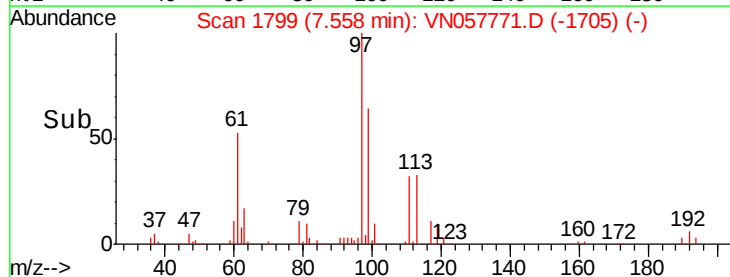
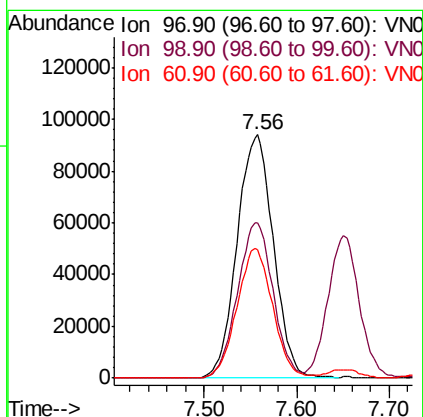
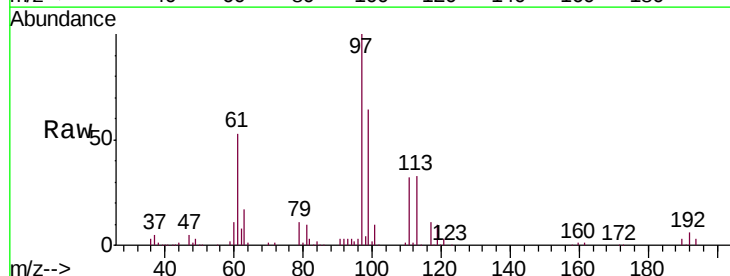
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

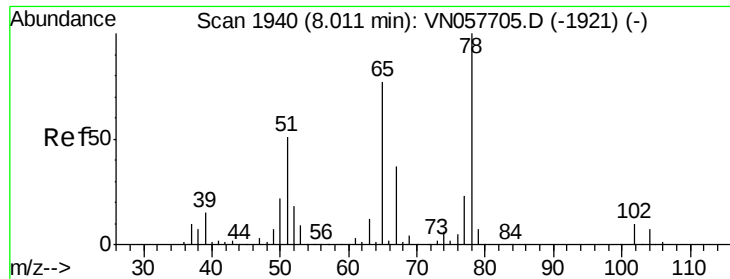
Tgt Ion: 56 Resp: 229733
Ion Ratio Lower Upper
56 100
69 32.0 26.2 39.2
84 75.6 59.8 89.8



#32
1,1,1-Trichloroethane
Concen: 48.697 ug/l
RT: 7.56 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN057771.D
Acq: 7 Sep 2019 21:43

Tgt Ion: 97 Resp: 255924
Ion Ratio Lower Upper
97 100
99 62.4 51.2 76.8
61 52.2 42.8 64.2

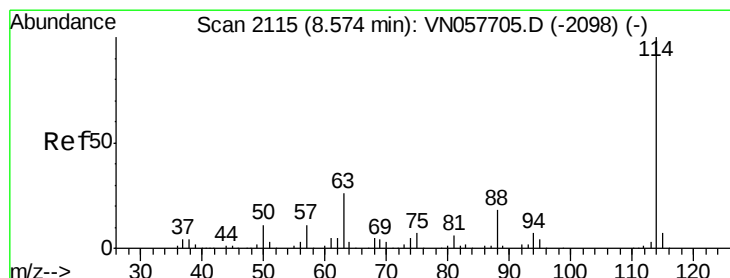
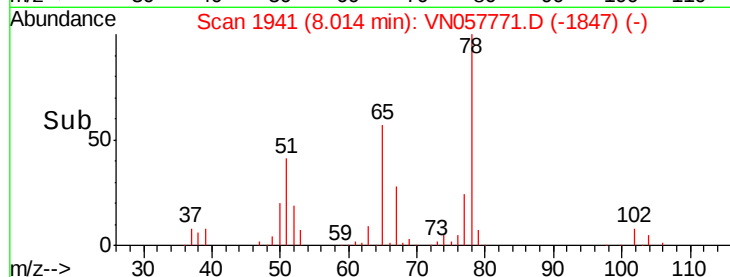
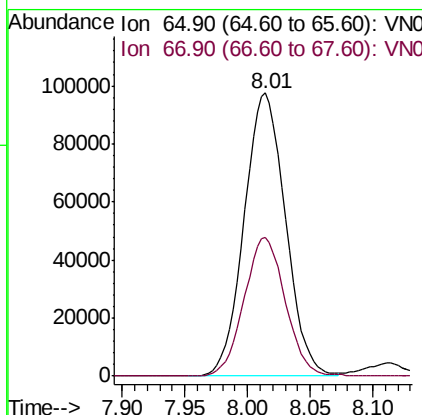
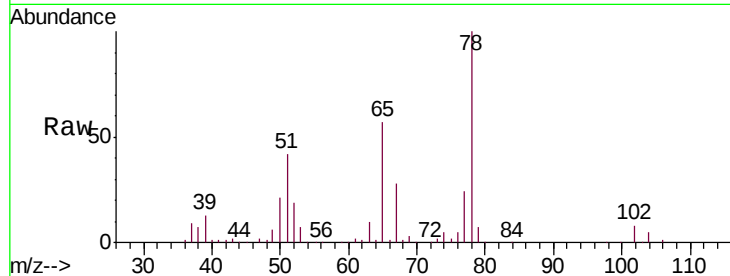




#33
 1,2-Dichloroethane-d4
 Concen: 46.715 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057771.D
 Acq: 7 Sep 2019 21:43

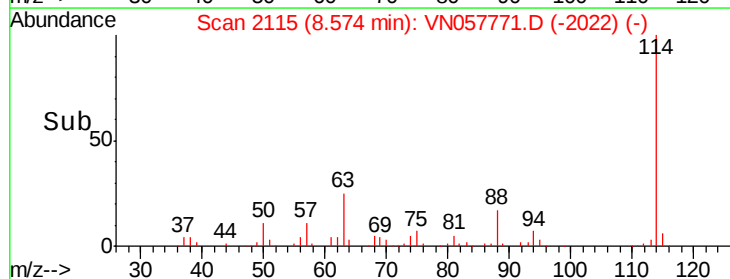
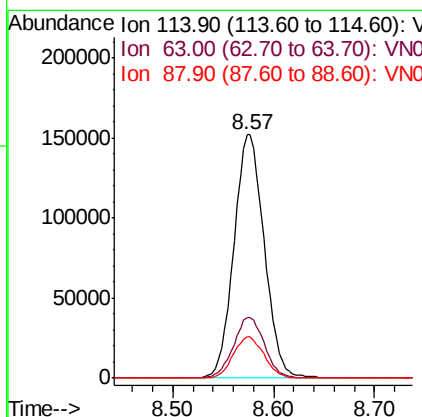
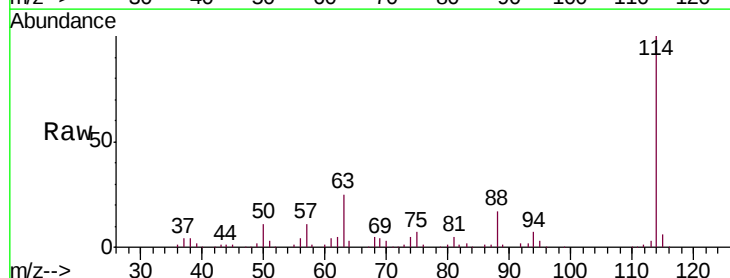
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

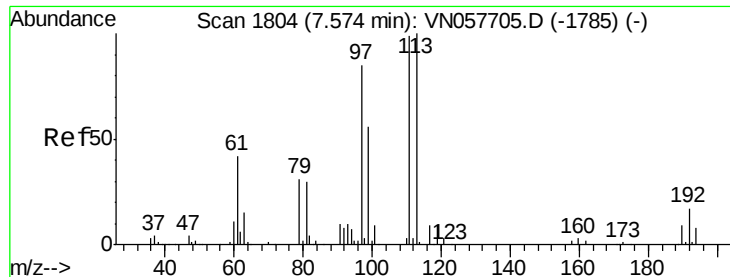
Tgt Ion: 65 Resp: 224005
 Ion Ratio Lower Upper
 65 100
 67 48.8 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057771.D
 Acq: 7 Sep 2019 21:43

Tgt Ion: 114 Resp: 316929
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 52.4
 88 17.1 0.0 35.4

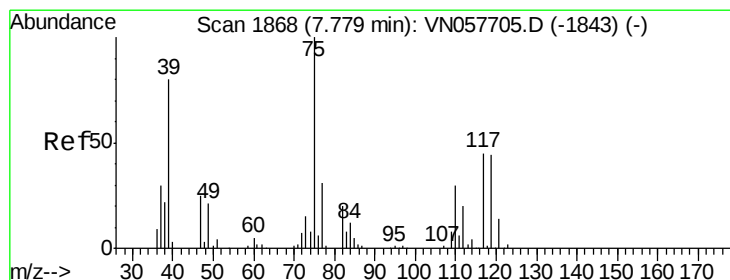
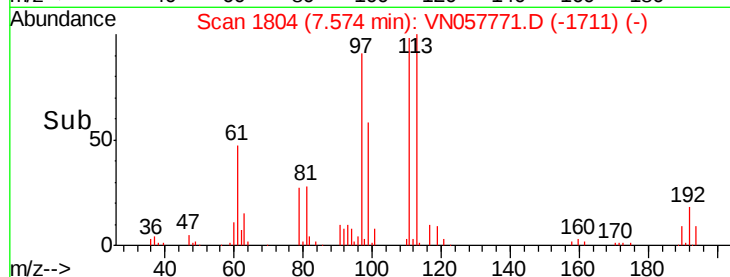
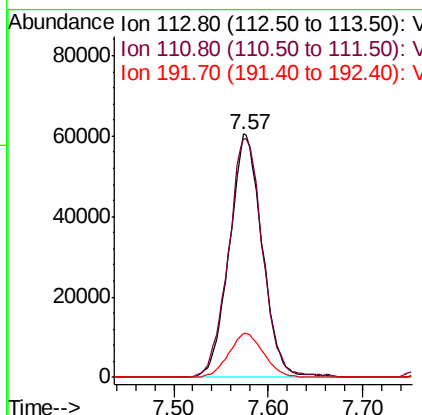
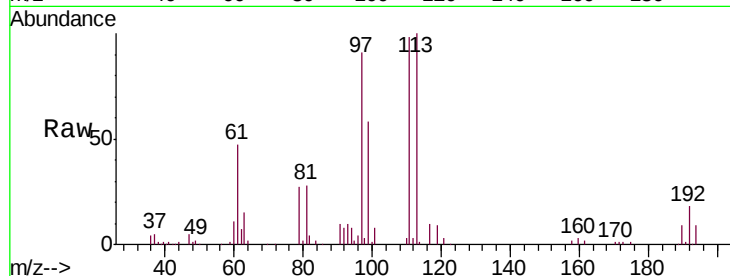




#35
 Dibromofluoromethane
 Concen: 50.492 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057771.D
 Acq: 7 Sep 2019 21:43

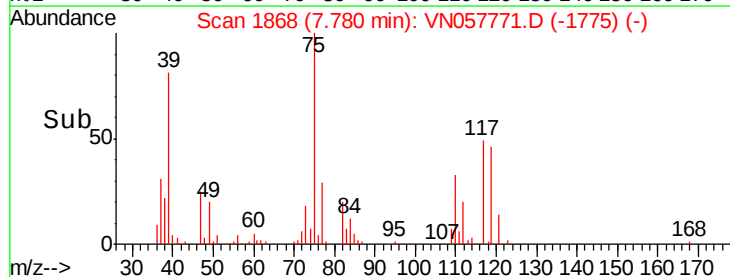
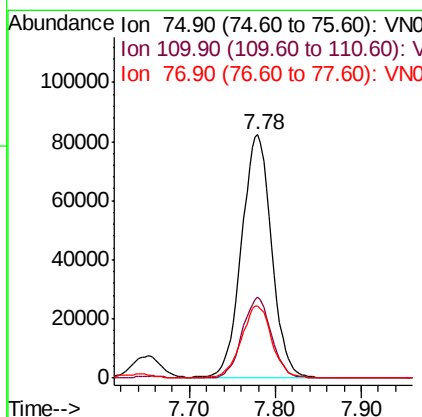
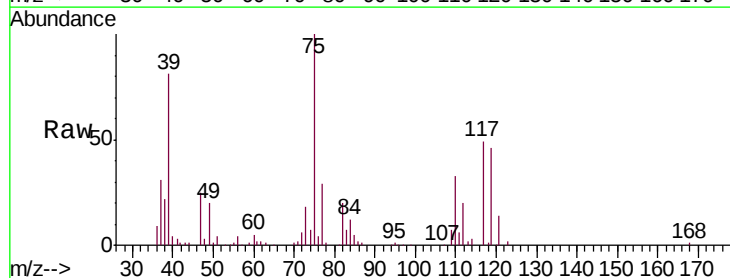
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

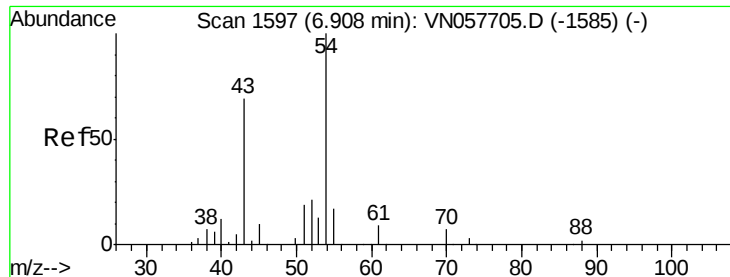
Tgt Ion: 113 Resp: 145757
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.7 124.1
 192 19.2 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 47.187 ug/l
 RT: 7.78 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN057771.D
 Acq: 7 Sep 2019 21:43

Tgt Ion: 75 Resp: 198951
 Ion Ratio Lower Upper
 75 100
 110 32.4 15.0 45.0
 77 30.3 24.6 37.0

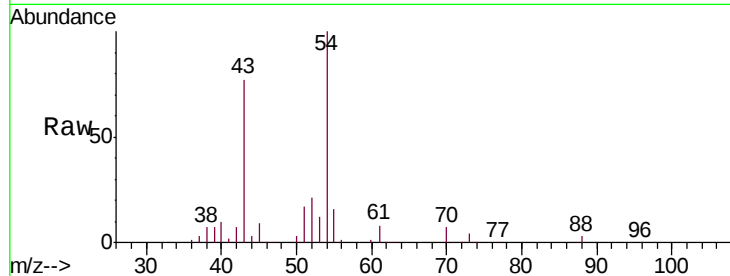




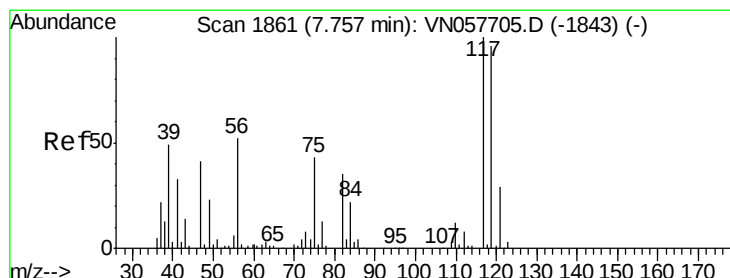
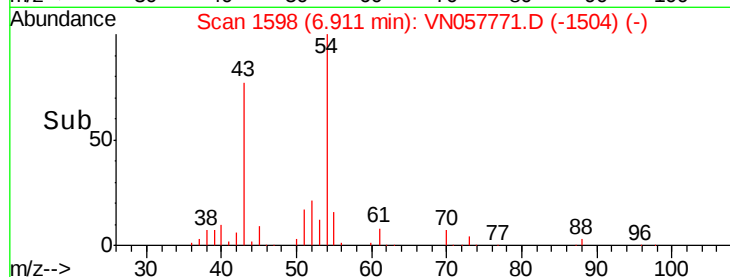
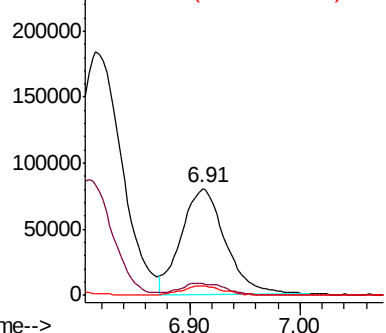
#37
Ethyl Acetate
Concen: 52.828 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VN057771.D
Acq: 7 Sep 2019 21:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 221128
Ion Ratio Lower Upper
43 100
61 12.2 9.8 14.8
70 8.5 6.7 10.1

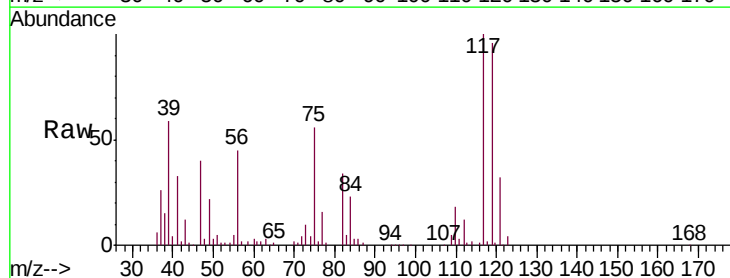


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

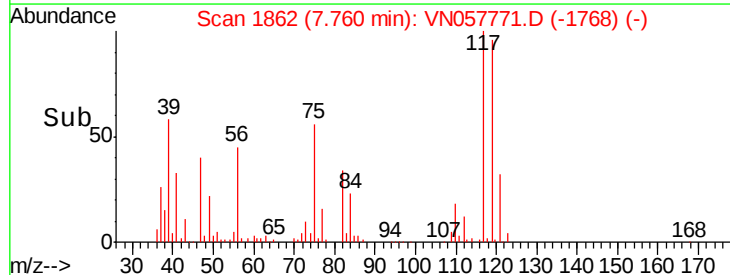
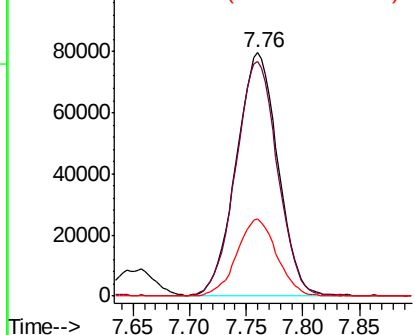


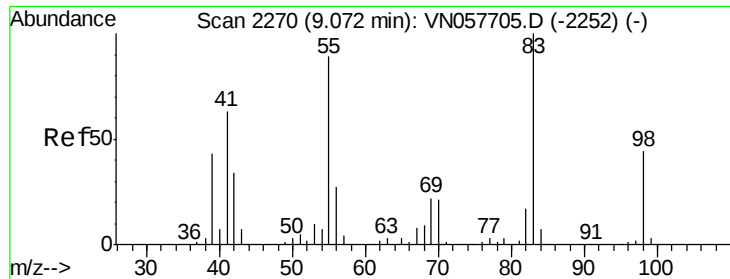
#38
Carbon Tetrachloride
Concen: 50.048 ug/l
RT: 7.76 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VN057771.D
Acq: 7 Sep 2019 21:43

Tgt Ion: 117 Resp: 202051
Ion Ratio Lower Upper
117 100
119 96.4 76.1 114.1
121 31.7 23.4 35.2



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

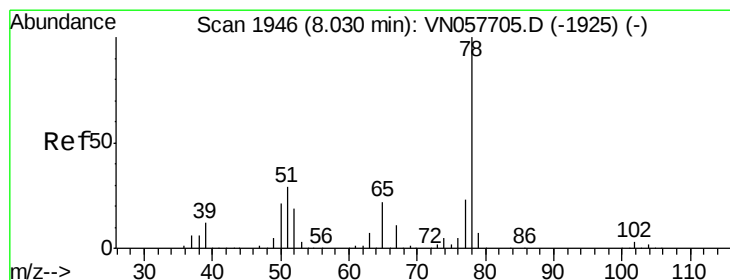
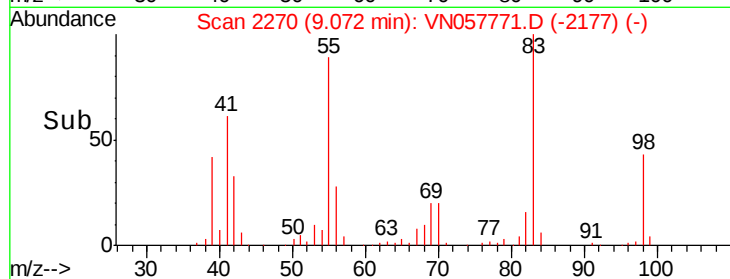
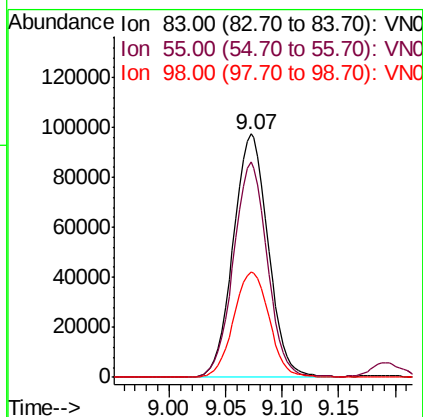
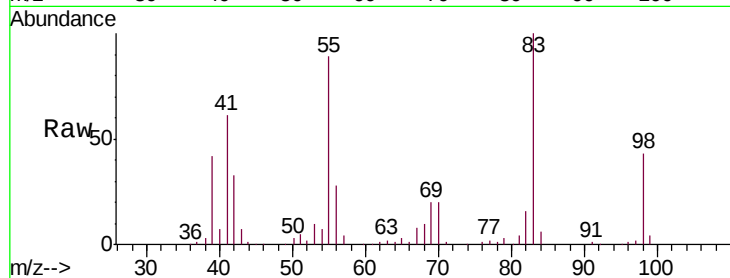




#39
Methylcyclohexane
Concen: 47.034 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN057771.D
Acq: 7 Sep 2019 21:43

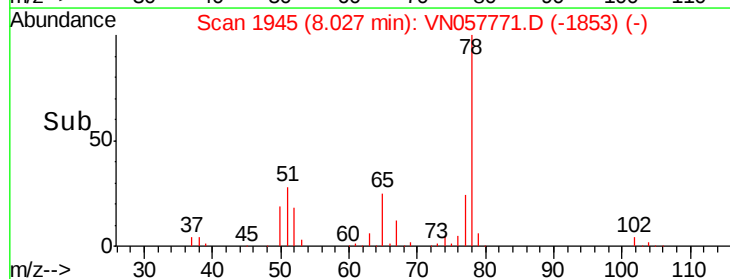
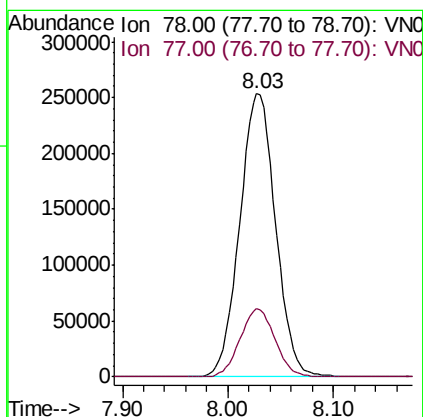
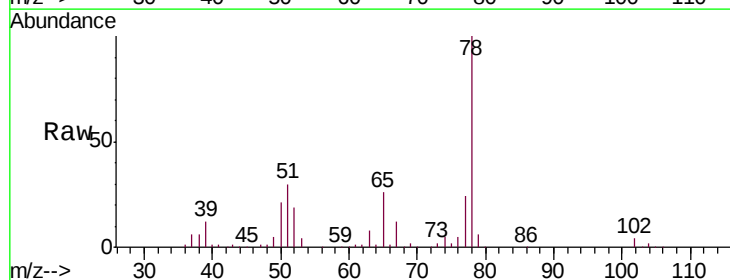
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

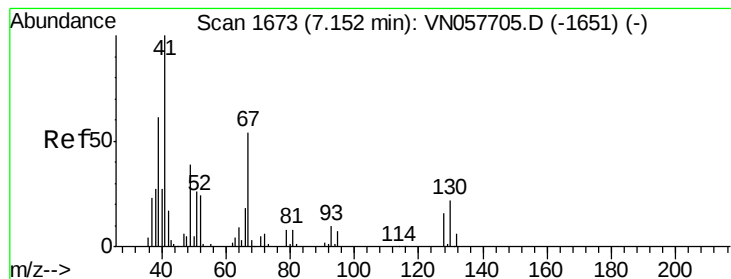
Tgt Ion: 83 Resp: 209756
Ion Ratio Lower Upper
83 100
55 88.3 71.4 107.0
98 43.4 35.3 52.9



#40
Benzene
Concen: 50.176 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN057771.D
Acq: 7 Sep 2019 21:43

Tgt Ion: 78 Resp: 598380
Ion Ratio Lower Upper
78 100
77 24.2 18.6 28.0





#41

Methacrylonitrile

Concen: 57.447 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 117542

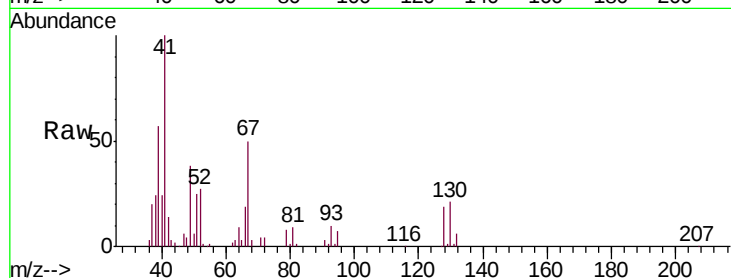
Ion Ratio Lower Upper

41 100

39 69.2 43.6 65.4#

67 64.6 59.8 89.6

52 35.2 30.7 46.1

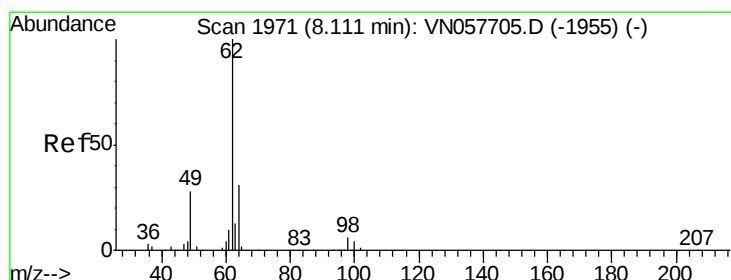
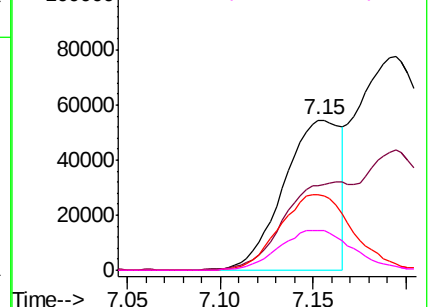
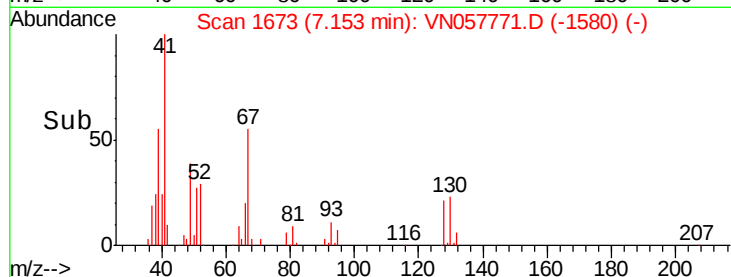


Abundance Ion 41.00 (40.70 to 41.70): VN057771.D (-1580) (-)

Ion 39.00 (38.70 to 39.70): VN057771.D (-1580) (-)

Ion 67.00 (66.70 to 67.70): VN057771.D (-1580) (-)

Ion 52.00 (51.70 to 52.70): VN057771.D (-1580) (-)



#42

1,2-Dichloroethane

Concen: 48.456 ug/l

RT: 8.11 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VN057771.D

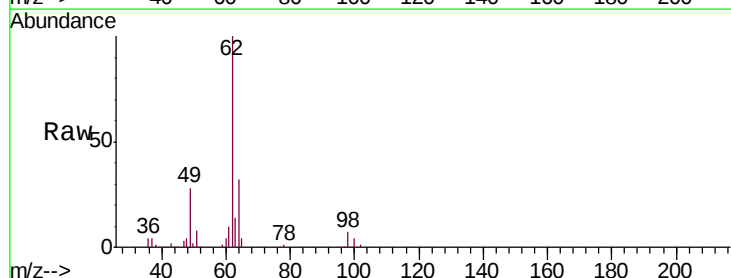
Acq: 7 Sep 2019 21:43

Tgt Ion: 62 Resp: 270866

Ion Ratio Lower Upper

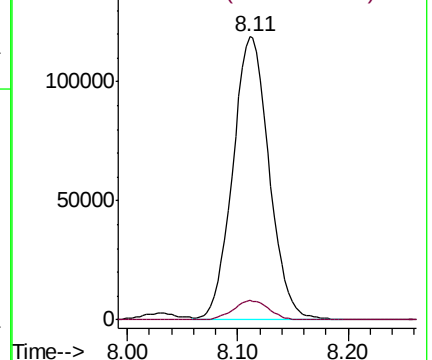
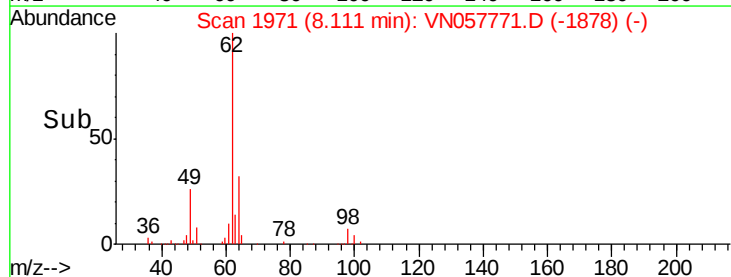
62 100

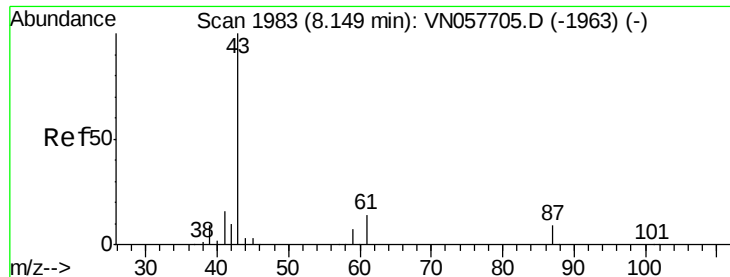
98 6.7 0.0 12.6



Abundance Ion 61.90 (61.60 to 62.60): VN057771.D (-1878) (-)

Ion 97.90 (97.60 to 98.60): VN057771.D (-1878) (-)





#43

Isopropyl Acetate

Concen: 50.002 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

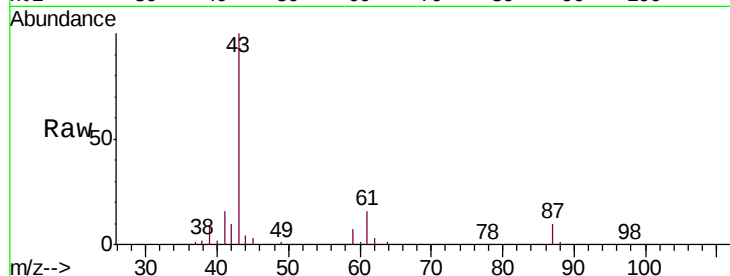
Tgt Ion: 43 Resp: 401737

Ion Ratio Lower Upper

43 100

61 15.7 12.8 19.2

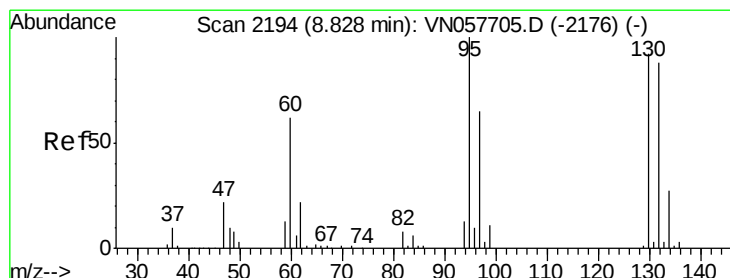
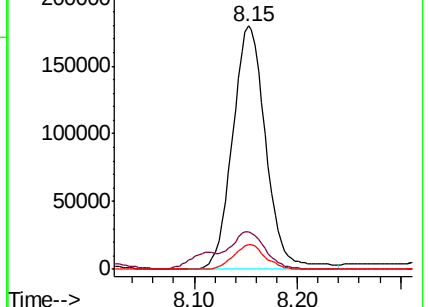
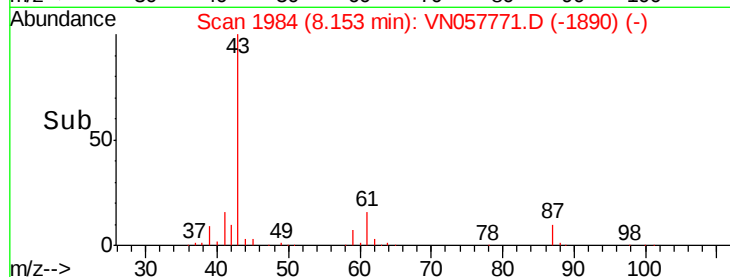
87 9.9 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN057771.D (-2101) (-)

Ion 61.00 (60.70 to 61.70): VN057771.D (-2101) (-)

Ion 87.00 (86.70 to 87.70): VN057771.D (-2101) (-)



#44

Trichloroethene

Concen: 52.586 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VN057771.D

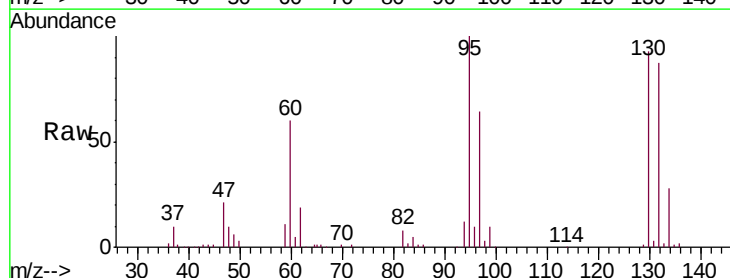
Acq: 7 Sep 2019 21:43

Tgt Ion: 130 Resp: 140945

Ion Ratio Lower Upper

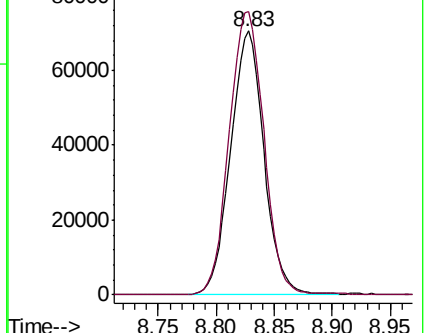
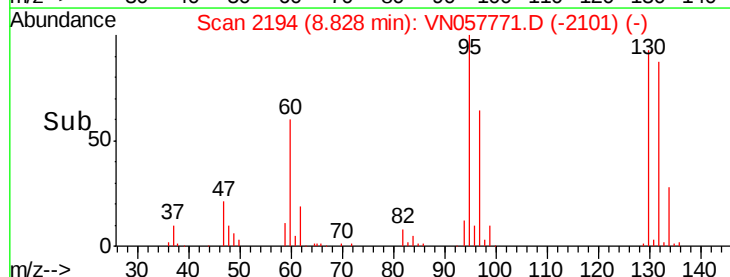
130 100

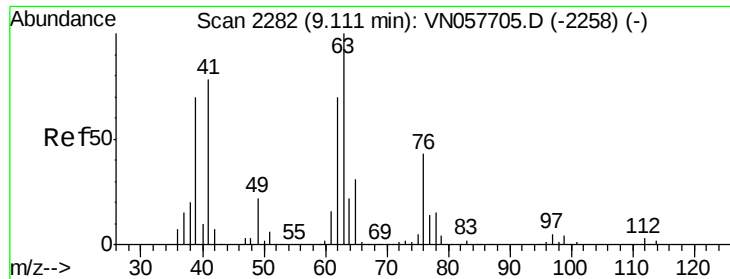
95 107.4 0.0 217.8



Abundance Ion 129.80 (129.50 to 130.50): VN057771.D (-2101) (-)

Ion 94.90 (94.60 to 95.60): VN057771.D (-2101) (-)

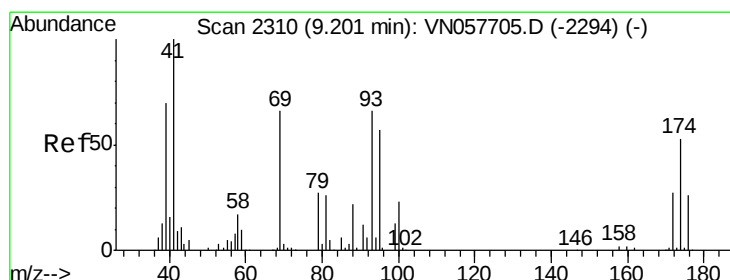
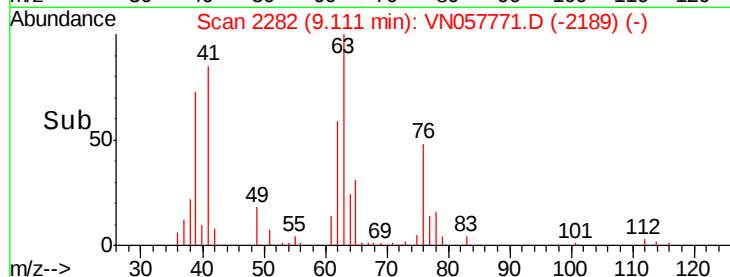
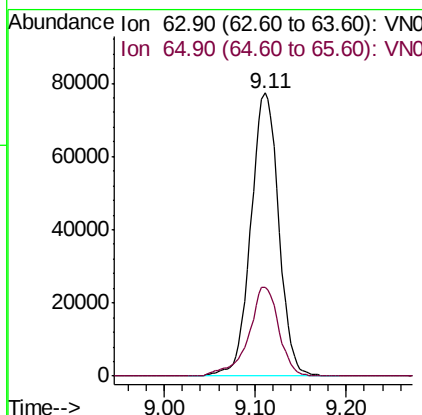
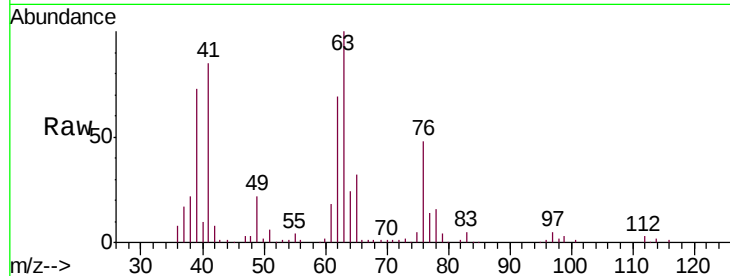




#45
 1,2-Dichloropropane
 Concen: 49.395 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057771.D
 Acq: 7 Sep 2019 21:43

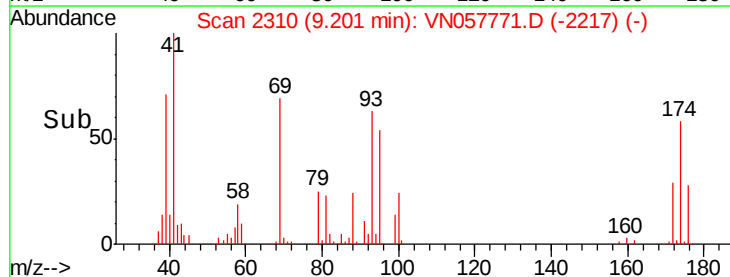
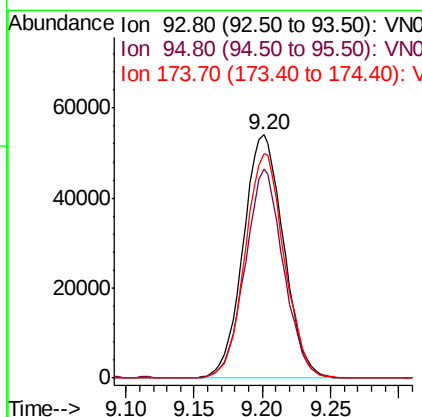
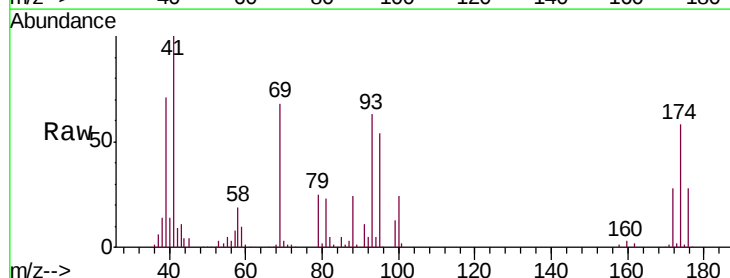
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

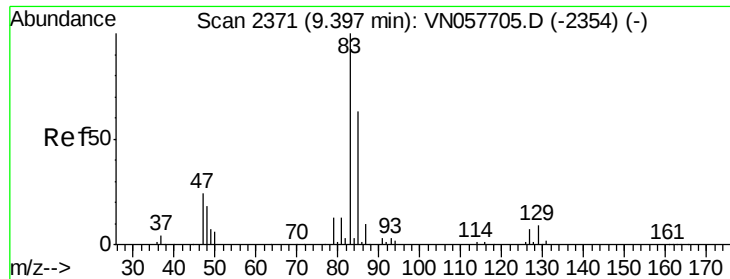
Tgt Ion: 63 Resp: 164749
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.5 36.7



#46
 Dibromomethane
 Concen: 51.798 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057771.D
 Acq: 7 Sep 2019 21:43

Tgt Ion: 93 Resp: 110821
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.1 99.1
 174 89.6 63.4 95.2





#47

Bromodichloromethane

Concen: 50.218 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

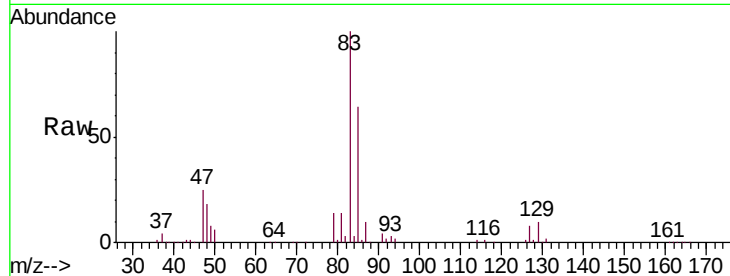
Tgt Ion: 83 Resp: 228333

Ion Ratio Lower Upper

83 100

85 64.4 50.7 76.1

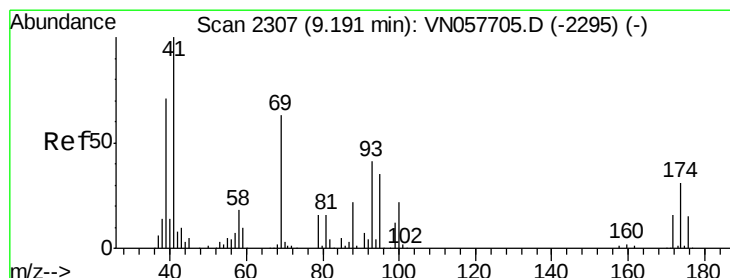
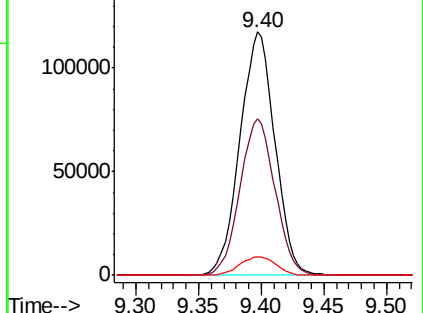
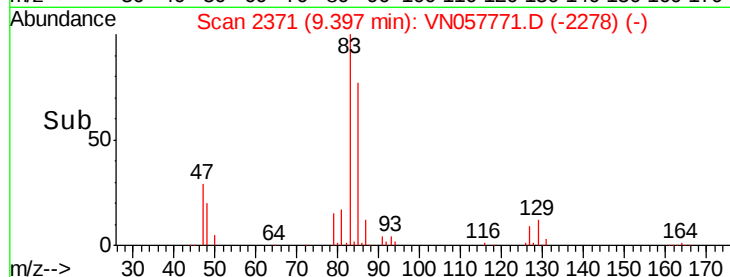
127 7.6 5.6 8.4



Abundance Ion 82.90 (82.60 to 83.60): VN057771.D (-2278) (-)

Ion 84.90 (84.60 to 85.60): VN057771.D (-2278) (-)

Ion 126.80 (126.50 to 127.50): VN057771.D (-2278) (-)



#48

Methyl methacrylate

Concen: 47.943 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

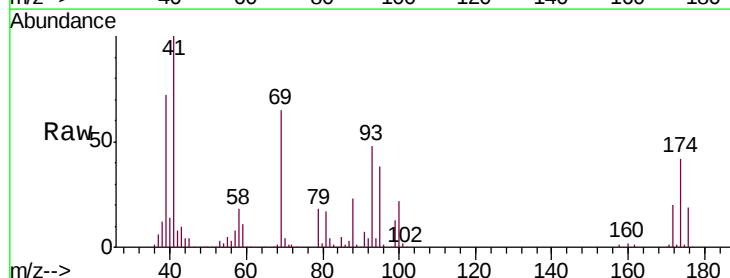
Tgt Ion: 41 Resp: 198103

Ion Ratio Lower Upper

41 100

69 66.5 51.2 76.8

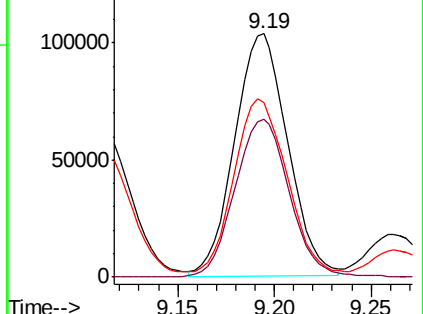
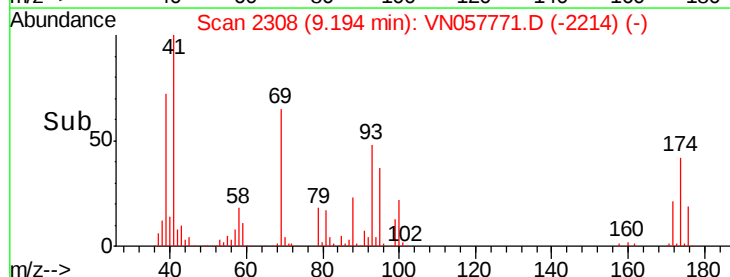
39 74.4 57.3 85.9

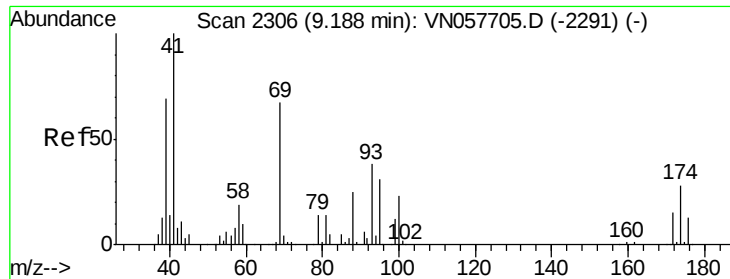


Abundance Ion 41.00 (40.70 to 41.70): VN057771.D (-2214) (-)

Ion 69.00 (68.70 to 69.70): VN057771.D (-2214) (-)

Ion 39.00 (38.70 to 39.70): VN057771.D (-2214) (-)





#49

1,4-Dioxane

Concen: 1074.752 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

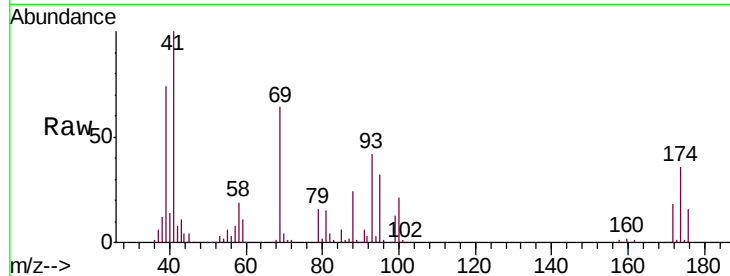
Tgt Ion: 88 Resp: 51671

Ion Ratio Lower Upper

88 100

43 43.7 35.4 53.2

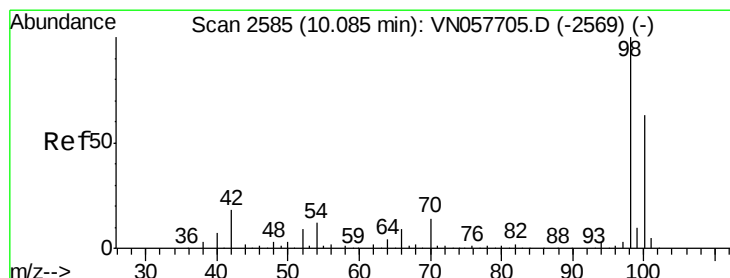
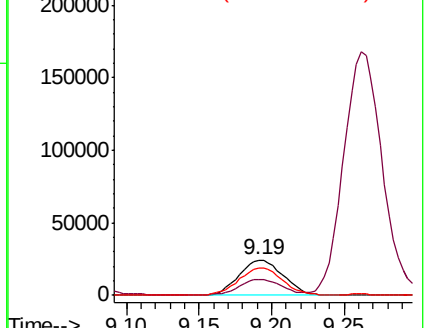
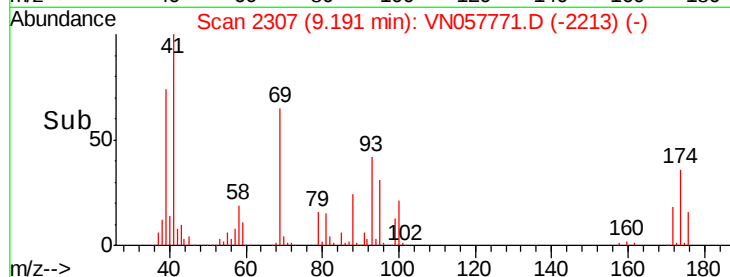
58 77.3 61.5 92.3



Abundance Ion 88.00 (87.70 to 88.70): VN057771.D (-2213) (-)

Ion 43.00 (42.70 to 43.70): VN057771.D (-2213) (-)

Ion 58.00 (57.70 to 58.70): VN057771.D (-2213) (-)



#50

Toluene-d8

Concen: 50.124 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057771.D

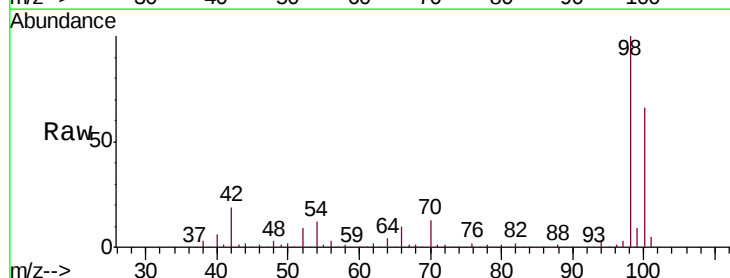
Acq: 7 Sep 2019 21:43

Tgt Ion: 98 Resp: 535259

Ion Ratio Lower Upper

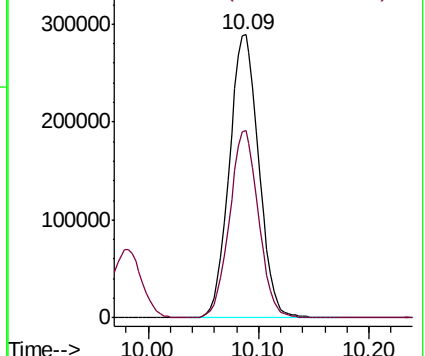
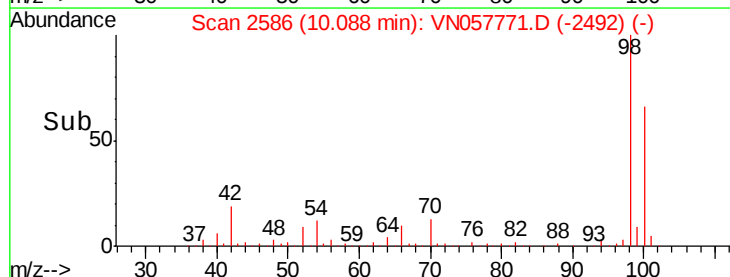
98 100

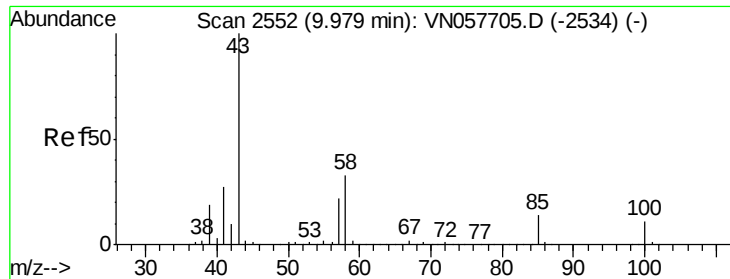
100 65.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN057771.D (-2492) (-)

Ion 100.00 (99.70 to 100.70): VN057771.D (-2492) (-)





#51

4-Methyl-2-Pentanone

Concen: 264.779 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

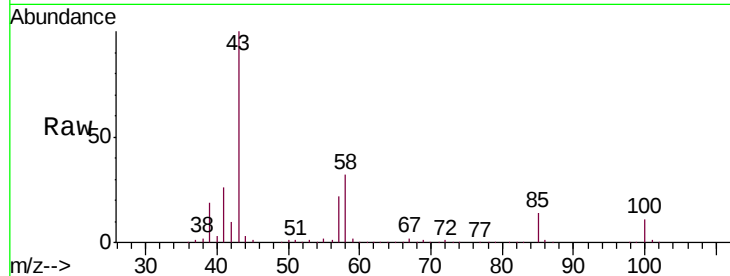
VSTDCCC050EC

Tgt Ion: 43 Resp: 1181431

Ion Ratio Lower Upper

43 100

58 32.5 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) (-)

9.98

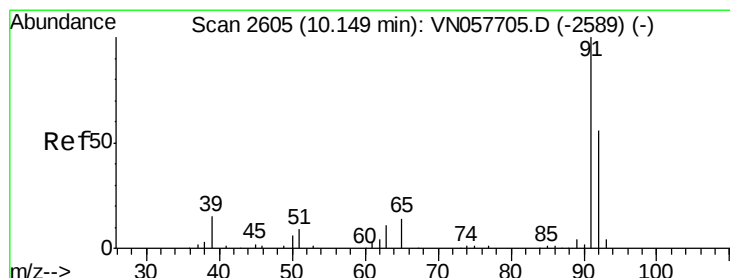
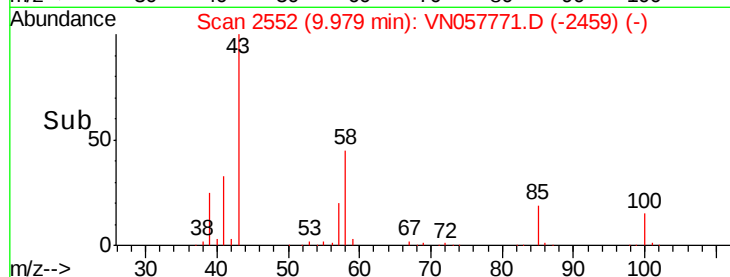
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.303 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057771.D

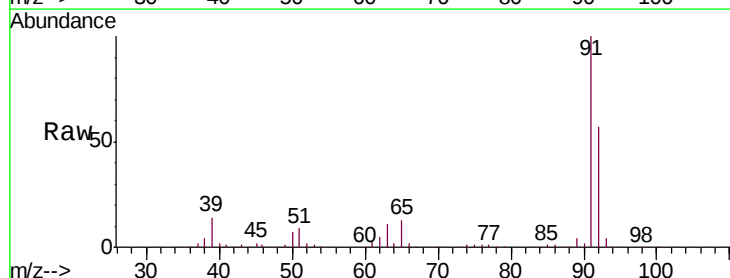
Acq: 7 Sep 2019 21:43

Tgt Ion: 92 Resp: 370823

Ion Ratio Lower Upper

92 100

91 174.7 141.5 212.3



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

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

10.15

400000

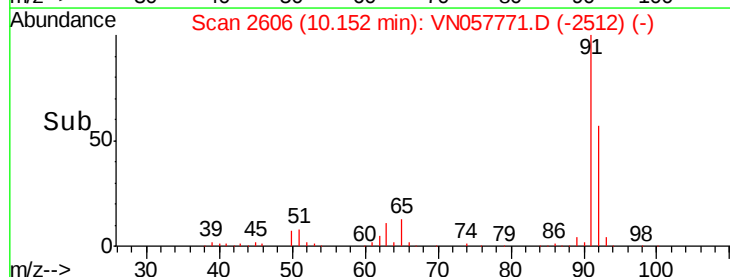
300000

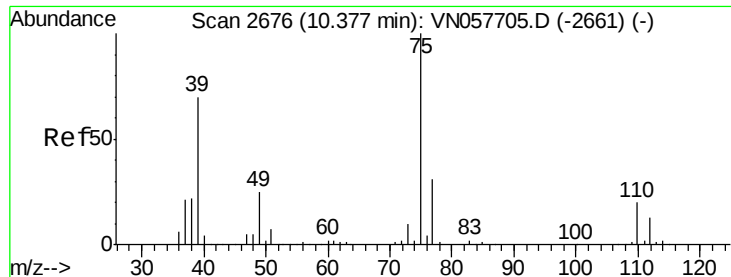
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.027 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

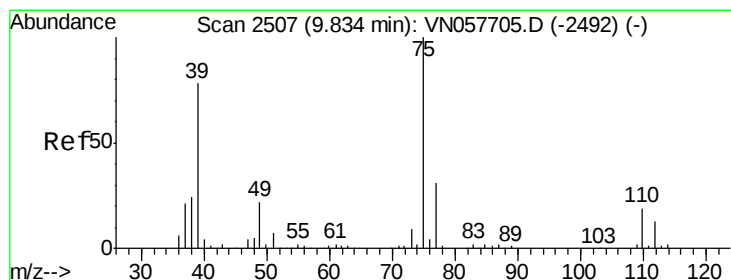
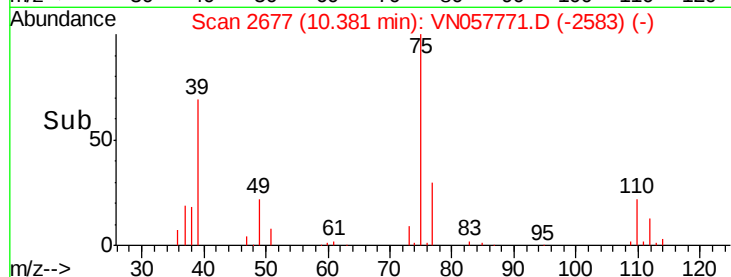
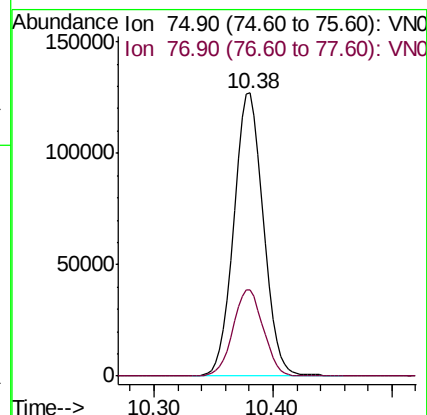
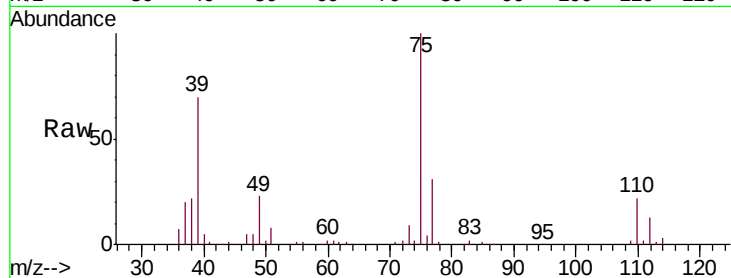
VSTDCCC050EC

Tgt Ion: 75 Resp: 219080

Ion Ratio Lower Upper

75 100

77 30.6 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 48.556 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

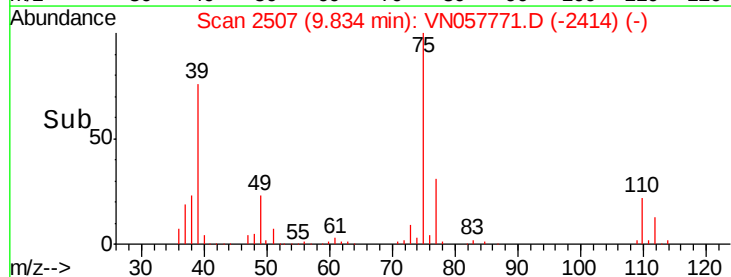
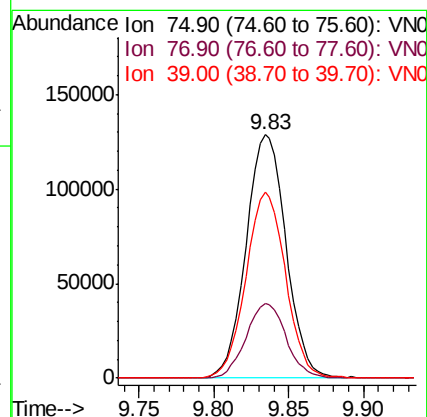
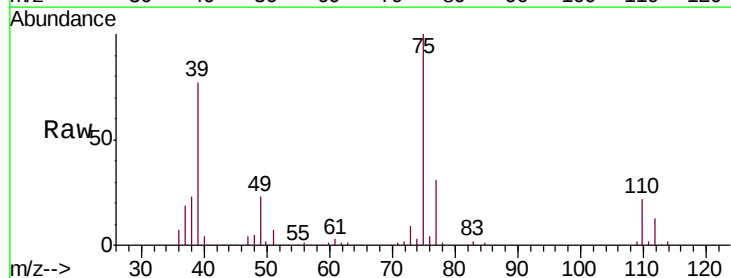
Tgt Ion: 75 Resp: 239306

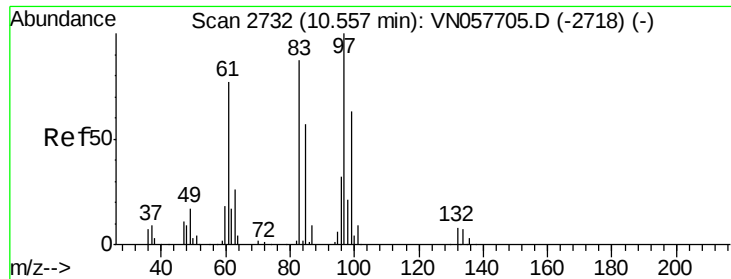
Ion Ratio Lower Upper

75 100

77 30.8 25.1 37.7

39 76.3 62.4 93.6

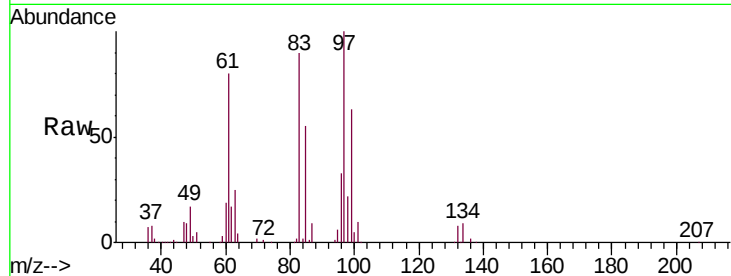




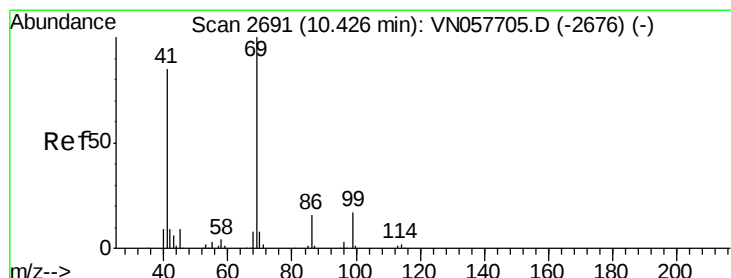
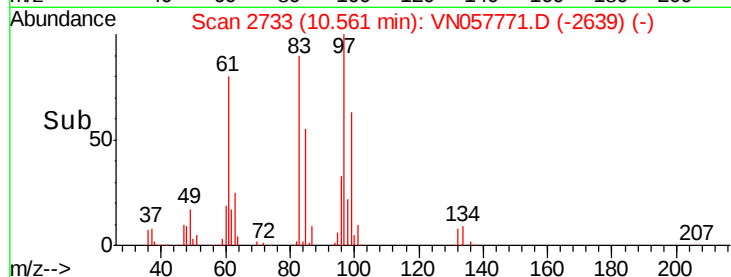
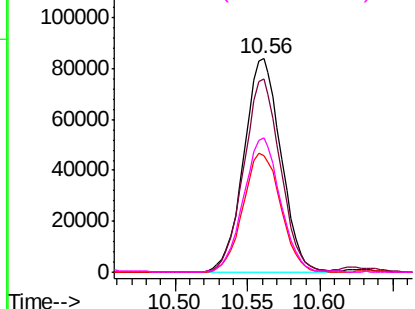
#55
 1,1,2-Trichloroethane
 Concen: 51.574 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN057771.D
 Acq: 7 Sep 2019 21:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 150019
 Ion Ratio Lower Upper
 97 100
 83 90.5 69.5 104.3
 85 54.5 45.7 68.5
 99 63.0 50.2 75.4

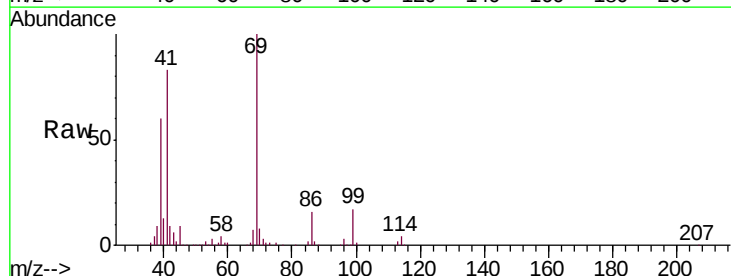


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

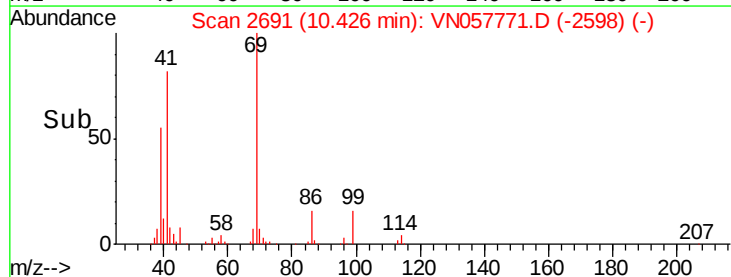
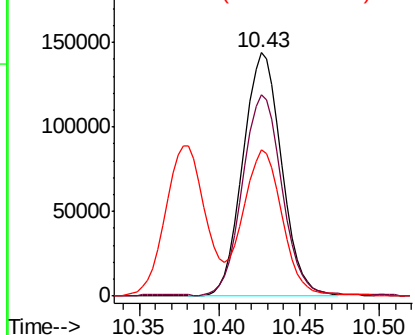


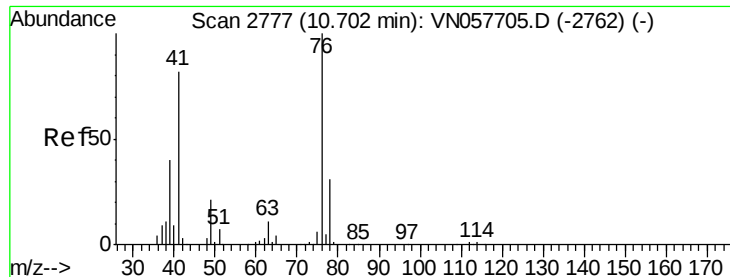
#56
 Ethyl methacrylate
 Concen: 51.170 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN057771.D
 Acq: 7 Sep 2019 21:43

Tgt Ion: 69 Resp: 237575
 Ion Ratio Lower Upper
 69 100
 41 83.7 69.0 103.4
 39 60.7 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: 49.578 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

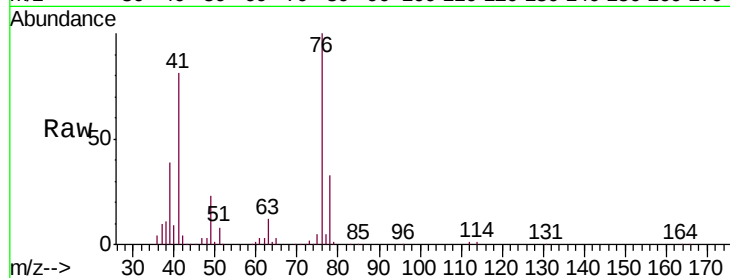
VSTDCCC050EC

Tgt Ion: 76 Resp: 259051

Ion Ratio Lower Upper

76 100

78 33.0 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

150000

100000

50000

0

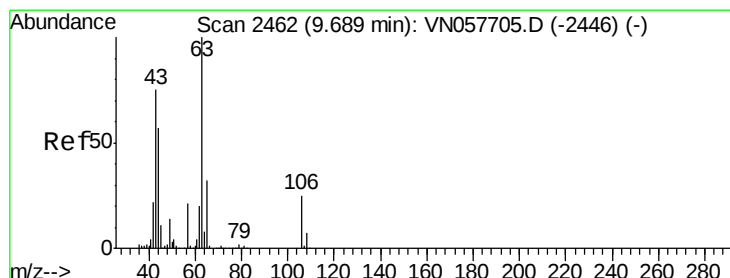
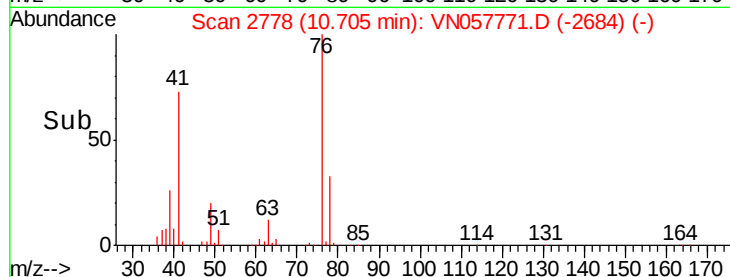
10.71

10.60

10.70

10.80

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 253.706 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057771.D

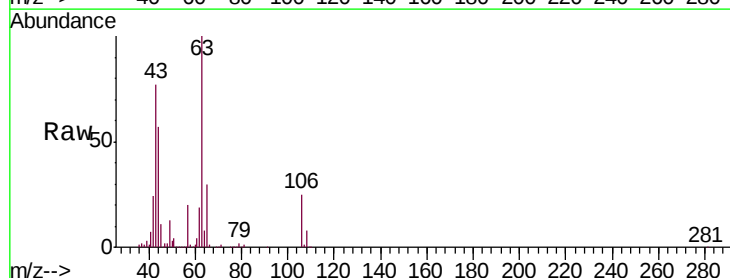
Acq: 7 Sep 2019 21:43

Tgt Ion: 63 Resp: 597600

Ion Ratio Lower Upper

63 100

106 25.1 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

400000

300000

200000

100000

0

9.69

9.60

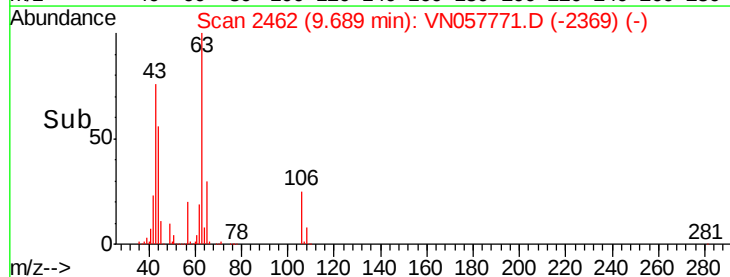
9.65

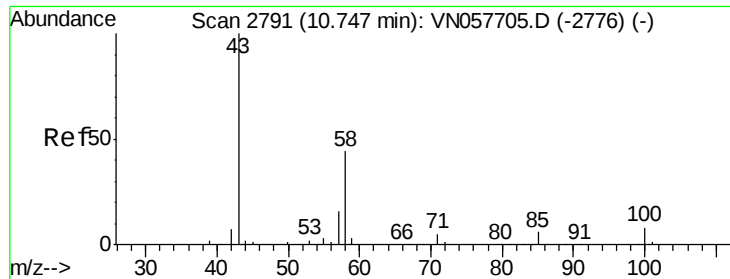
9.70

9.75

9.80

Time-->

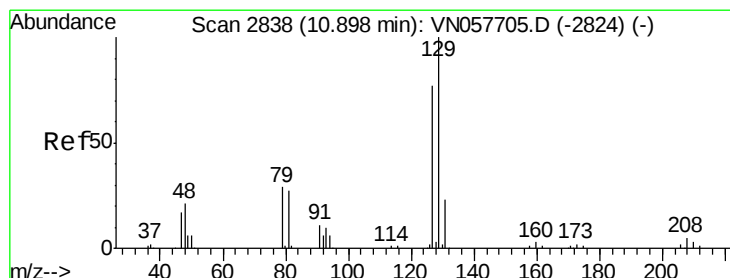
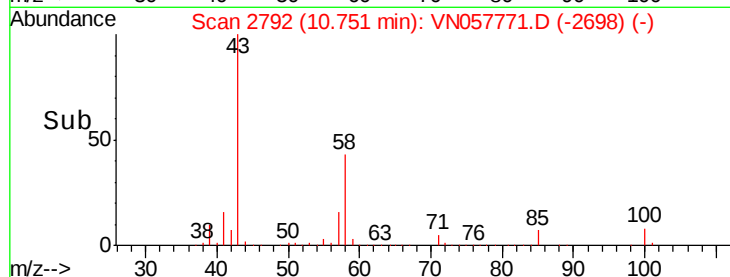
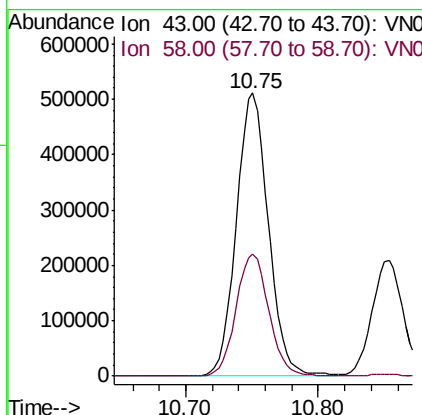
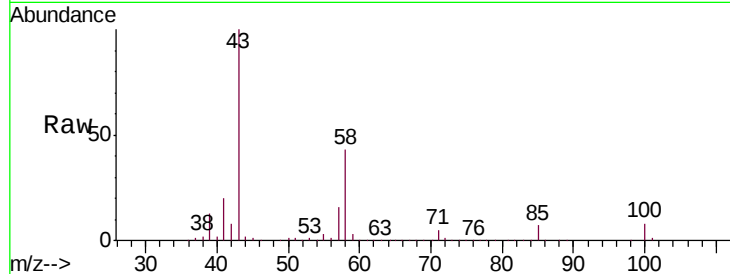




#59
2-Hexanone
Concen: 271.477 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057771.D
Acq: 7 Sep 2019 21:43

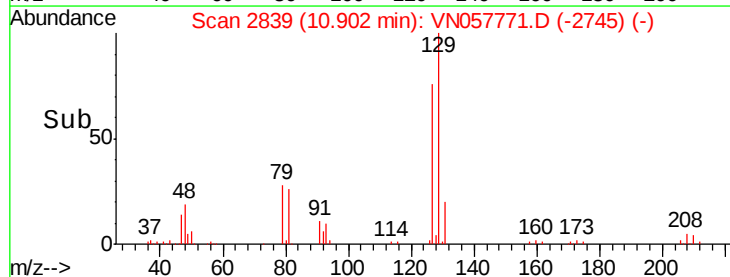
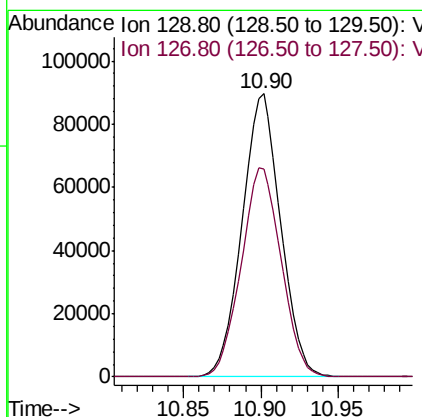
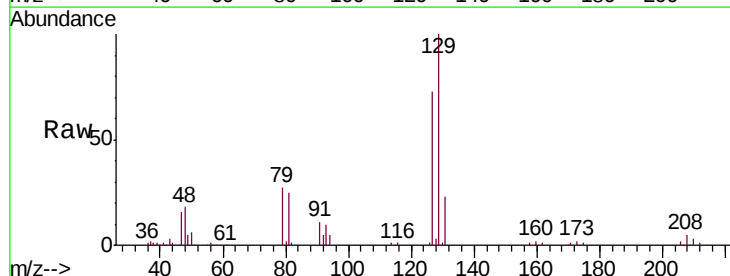
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

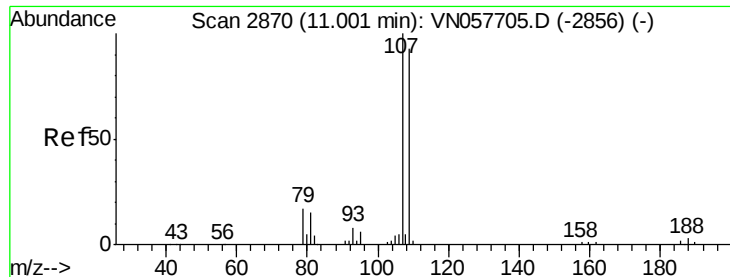
Tgt Ion: 43 Resp: 854170
Ion Ratio Lower Upper
43 100
58 44.4 22.1 66.5



#60
Dibromochloromethane
Concen: 49.713 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN057771.D
Acq: 7 Sep 2019 21:43

Tgt Ion: 129 Resp: 155893
Ion Ratio Lower Upper
129 100
127 76.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 53.708 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

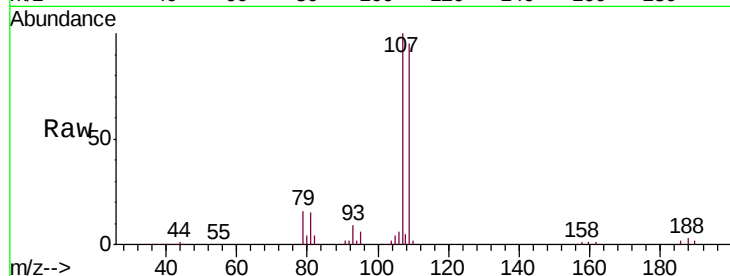
VSTDCCC050EC

Tgt Ion: 107 Resp: 149979

Ion Ratio Lower Upper

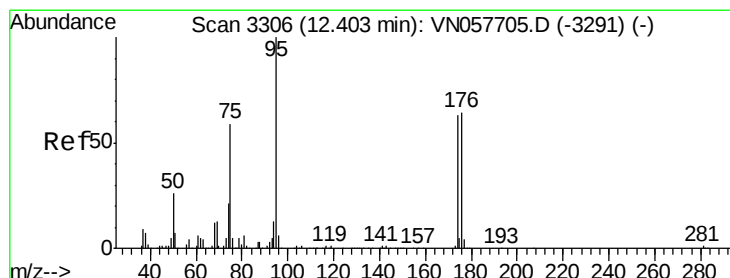
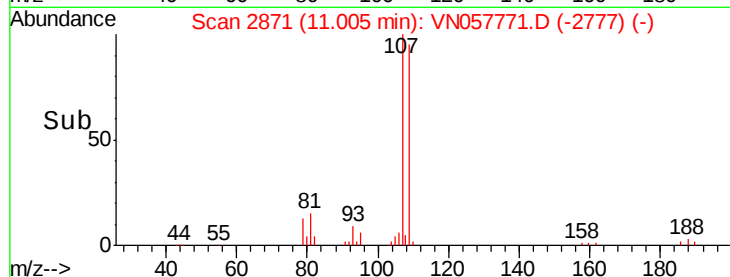
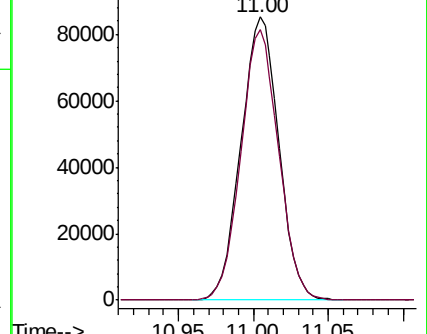
107 100

109 95.1 74.6 112.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.015 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

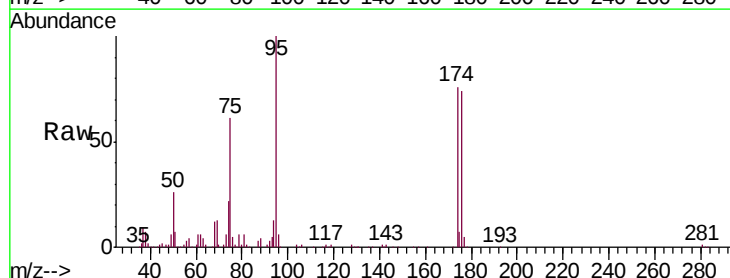
Tgt Ion: 95 Resp: 212967

Ion Ratio Lower Upper

95 100

174 76.1 0.0 128.0

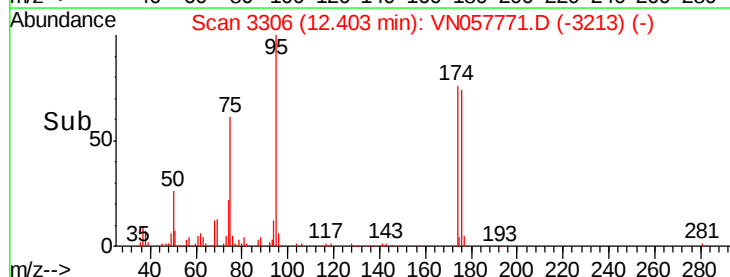
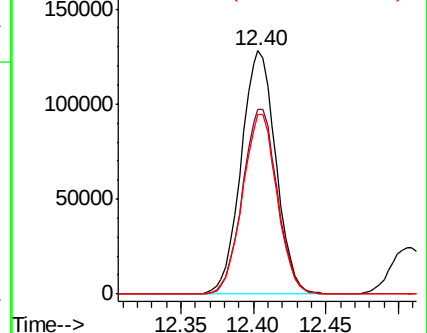
176 73.7 0.0 128.0

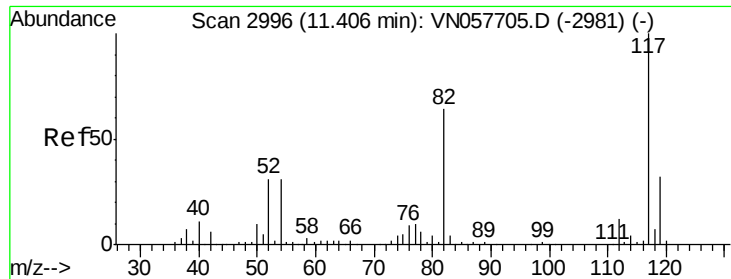


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

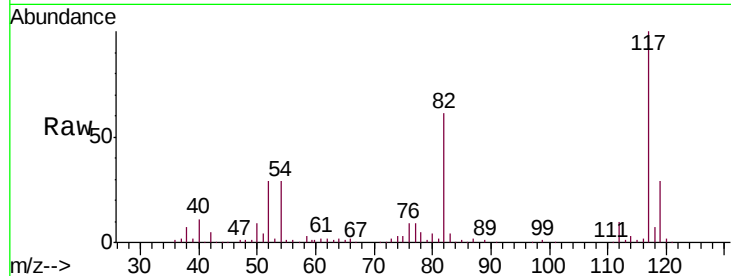




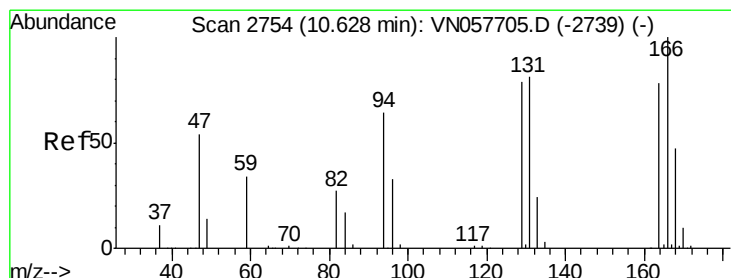
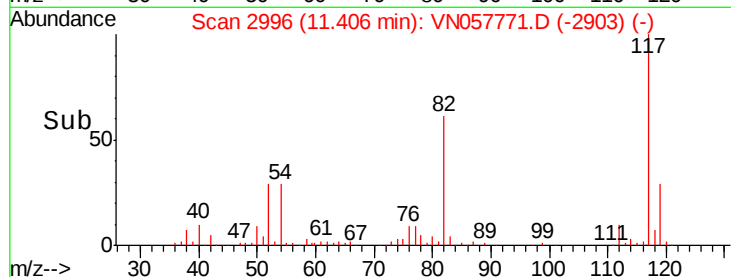
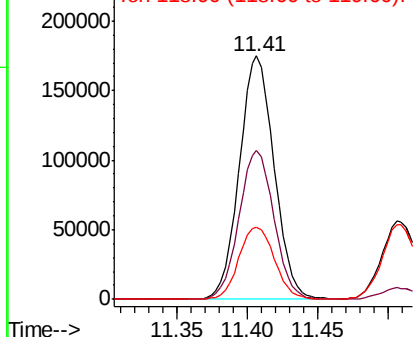
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057771.D
Acq: 7 Sep 2019 21:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 302383
Ion Ratio Lower Upper
117 100
82 61.0 51.4 77.0
119 29.5 25.4 38.2

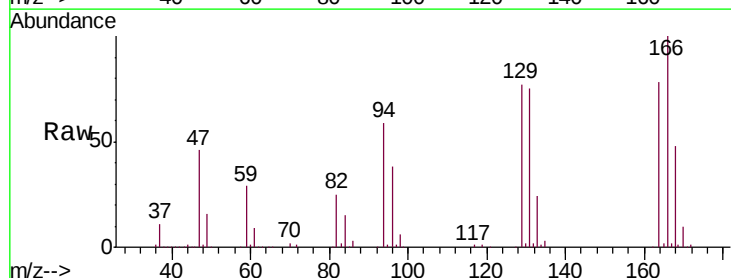


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

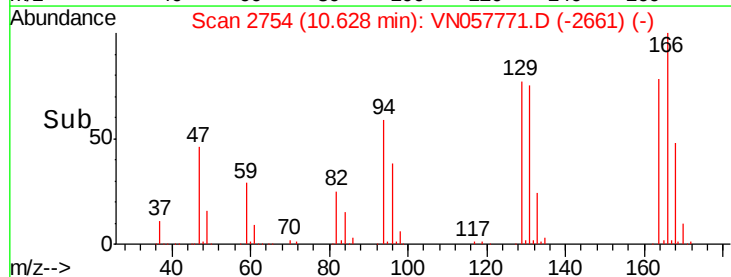
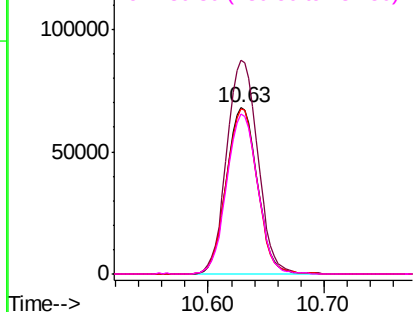


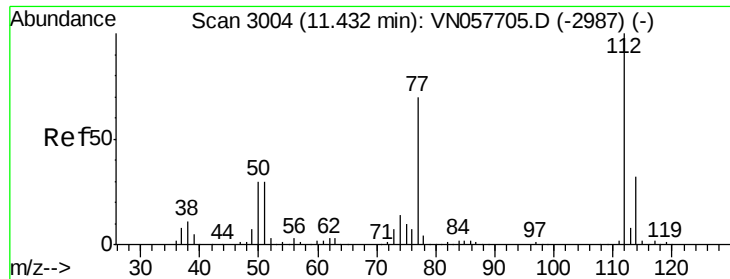
#64
Tetrachloroethene
Concen: 53.241 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057771.D
Acq: 7 Sep 2019 21:43

Tgt Ion:164 Resp: 125515
Ion Ratio Lower Upper
164 100
166 128.8 103.0 154.6
129 99.8 81.1 121.7
131 96.8 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

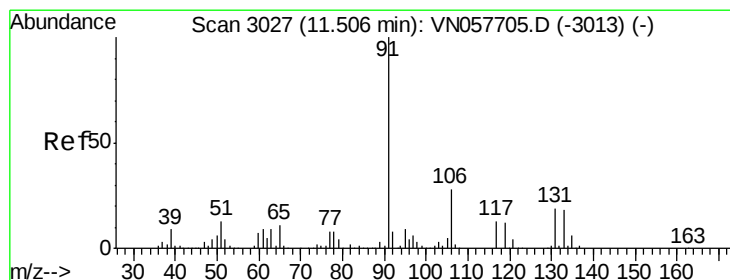
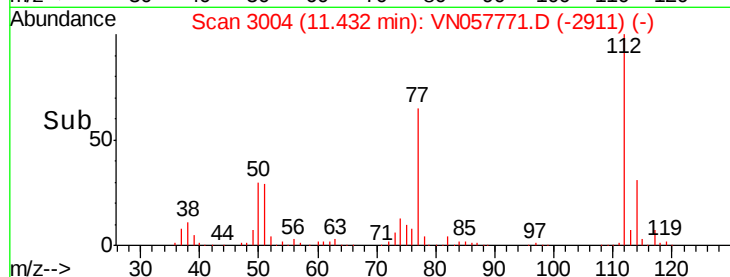
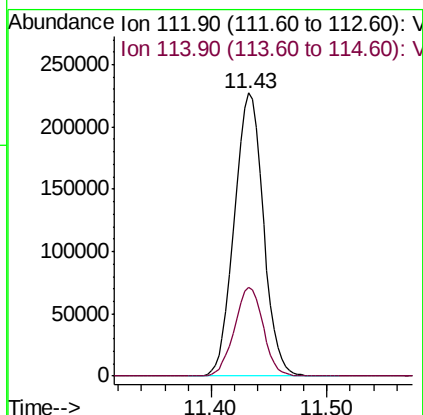
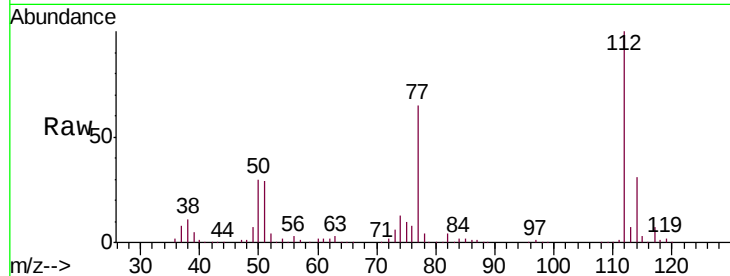




#65
Chlorobenzene
Concen: 49.841 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN057771.D
Acq: 7 Sep 2019 21:43

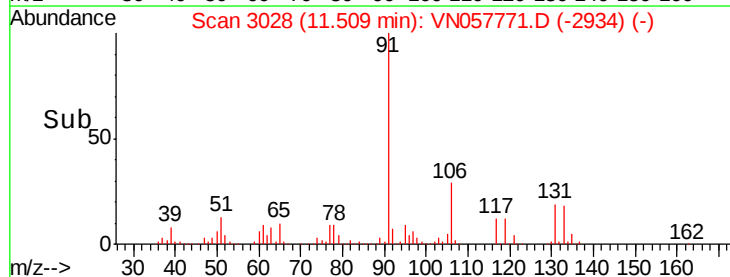
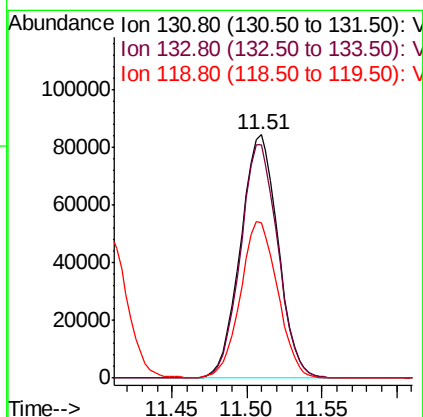
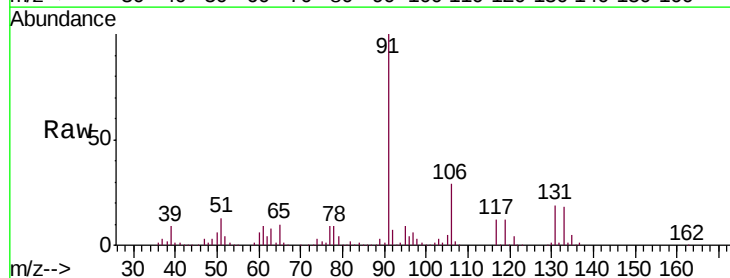
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

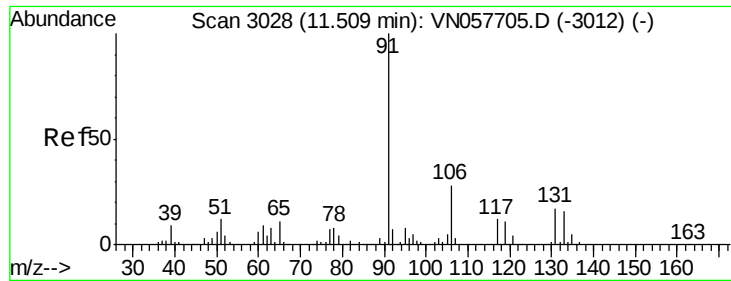
Tgt Ion:112 Resp: 393143
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 53.595 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057771.D
Acq: 7 Sep 2019 21:43

Tgt Ion:131 Resp: 147100
Ion Ratio Lower Upper
131 100
133 95.8 47.6 142.9
119 63.8 32.8 98.3

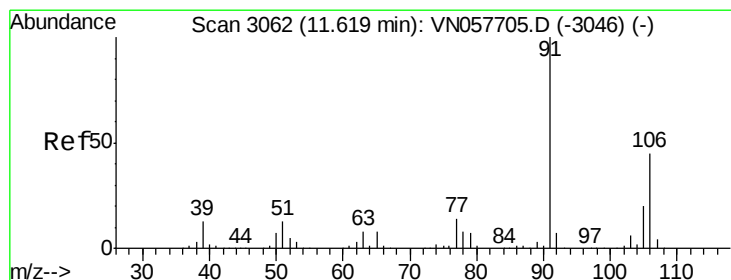
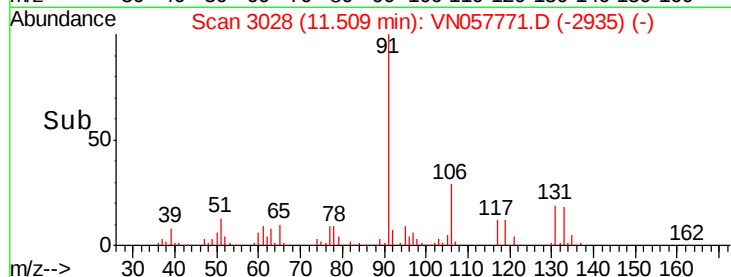
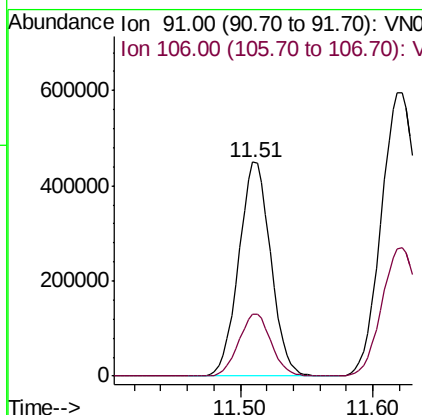
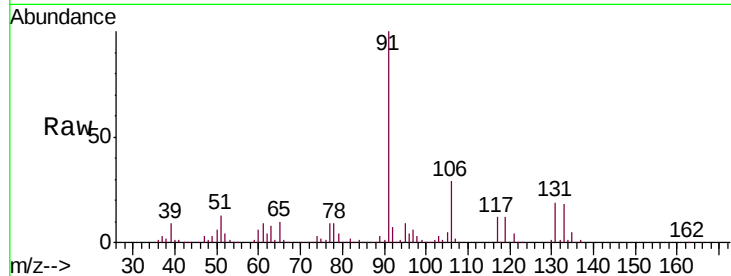




#67
Ethyl Benzene
Concen: 49.519 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057771.D
Acq: 7 Sep 2019 21:43

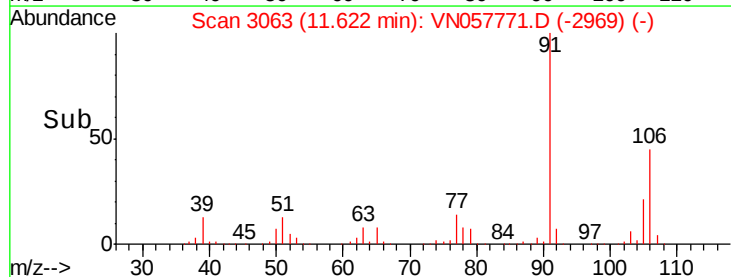
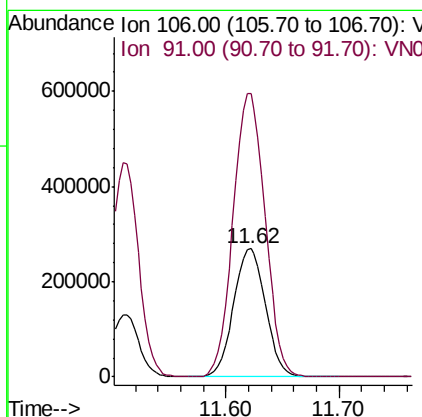
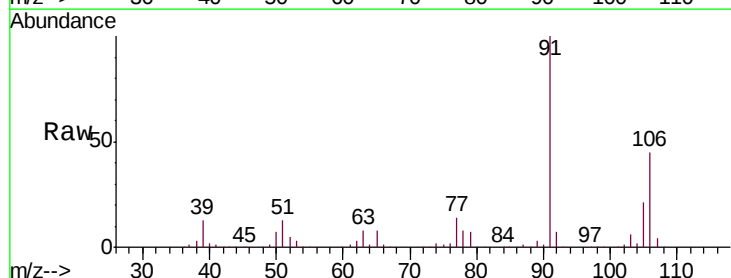
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

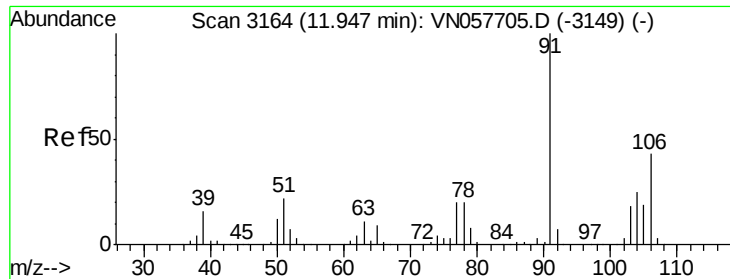
Tgt Ion: 91 Resp: 753627
Ion Ratio Lower Upper
91 100
106 28.8 22.8 34.2



#68
m/p-Xylenes
Concen: 100.478 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN057771.D
Acq: 7 Sep 2019 21:43

Tgt Ion: 106 Resp: 526692
Ion Ratio Lower Upper
106 100
91 222.1 179.8 269.8

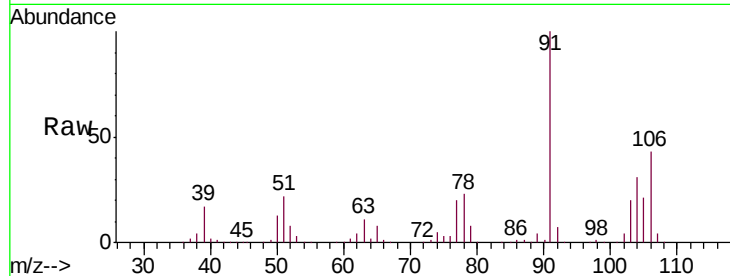




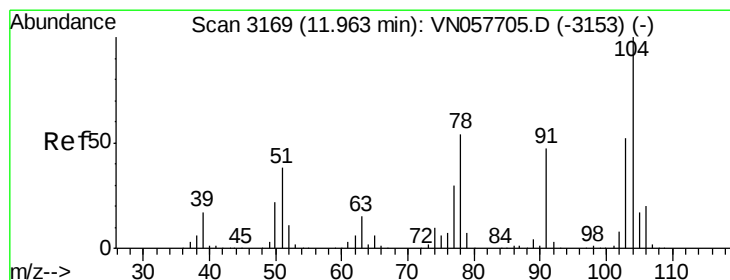
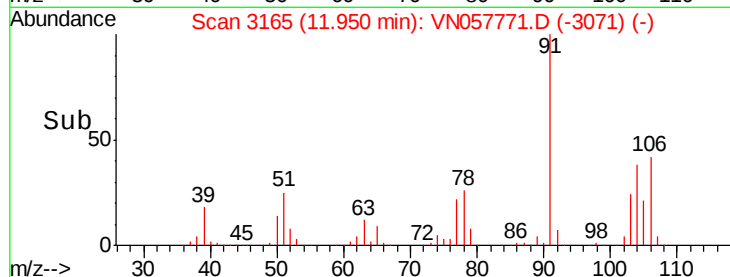
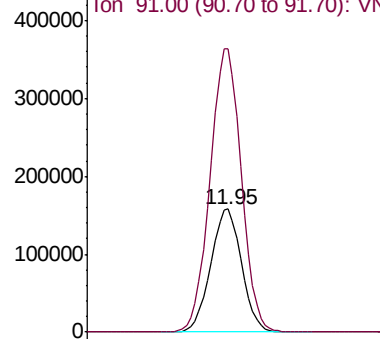
#69
o-Xylene
Concen: 50.617 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN057771.D
Acq: 7 Sep 2019 21:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 262725
Ion Ratio Lower Upper
106 100
91 232.4 116.8 350.4

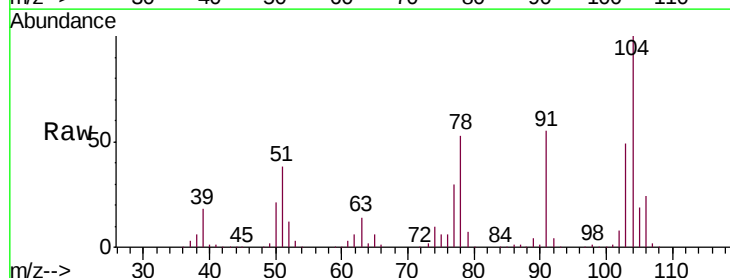


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

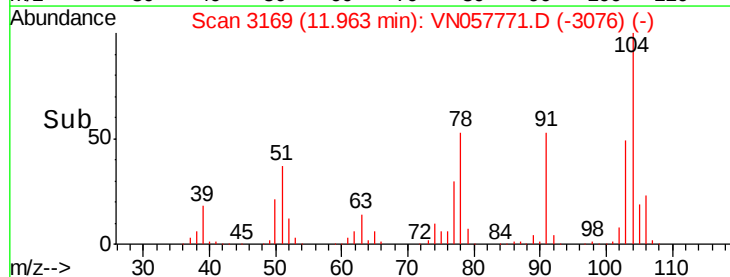
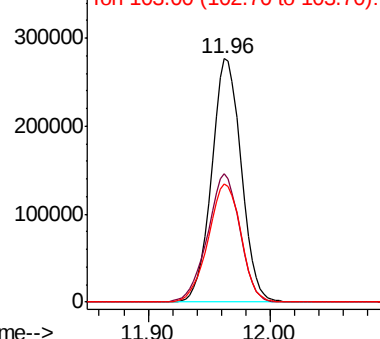


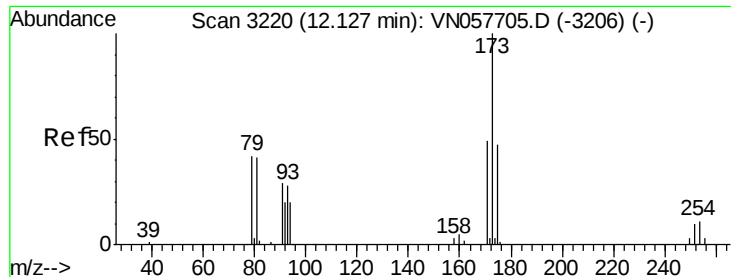
#70
Styrene
Concen: 51.510 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057771.D
Acq: 7 Sep 2019 21:43

Tgt Ion:104 Resp: 462614
Ion Ratio Lower Upper
104 100
78 58.1 48.5 72.7
103 54.0 45.0 67.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V

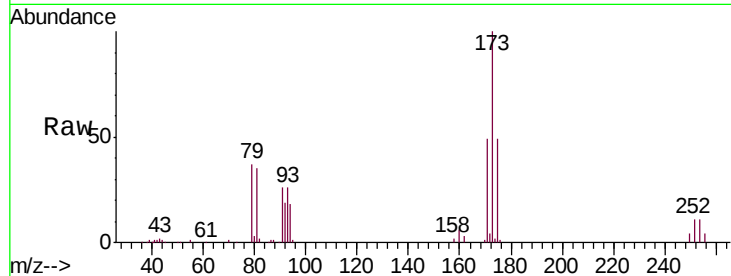




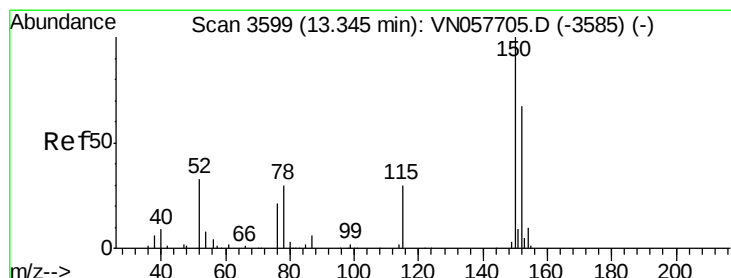
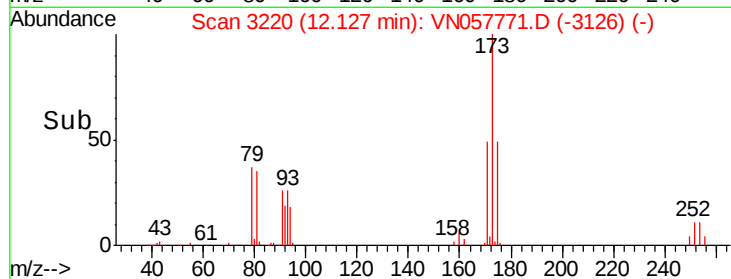
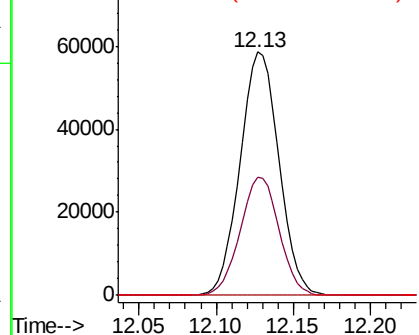
#71
Bromoform
Concen: 49.924 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN057771.D
Acq: 7 Sep 2019 21:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 102379
Ion Ratio Lower Upper
173 100
175 48.5 24.6 73.8
254 0.0 0.0 0.0

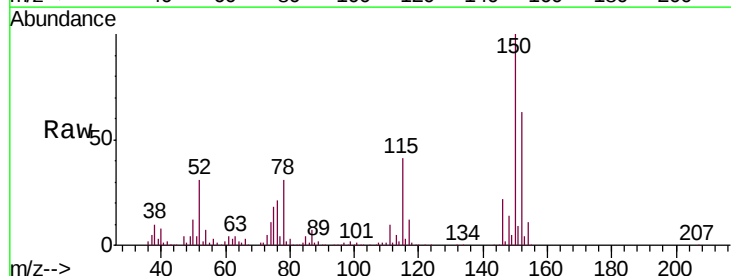


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

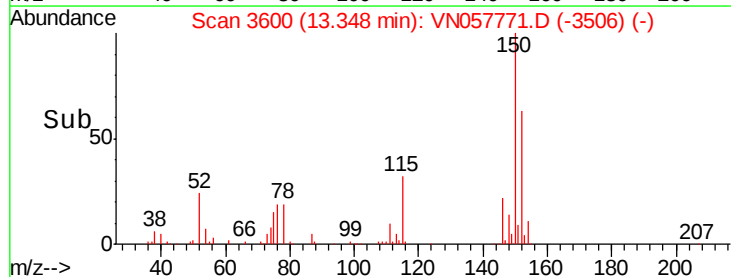
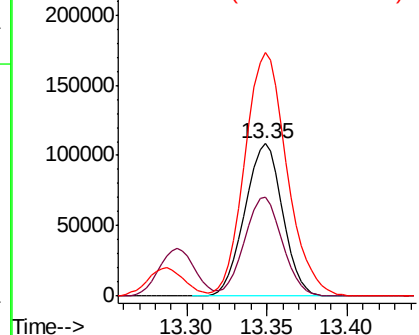


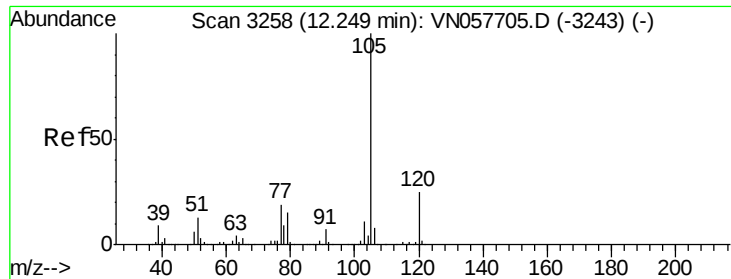
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057771.D
Acq: 7 Sep 2019 21:43

Tgt Ion:152 Resp: 174074
Ion Ratio Lower Upper
152 100
115 65.1 33.8 101.3
150 179.0 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: 48.528 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

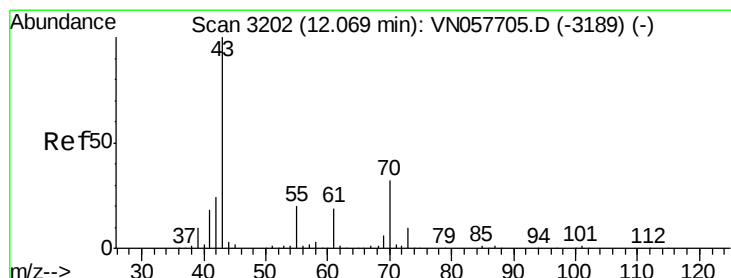
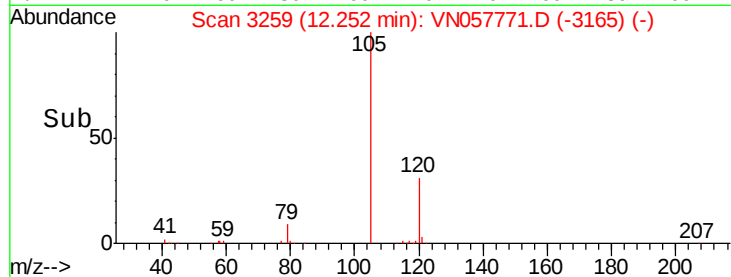
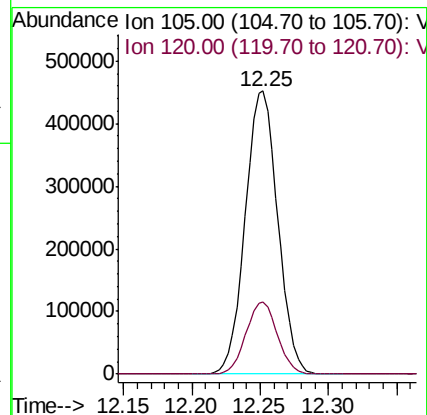
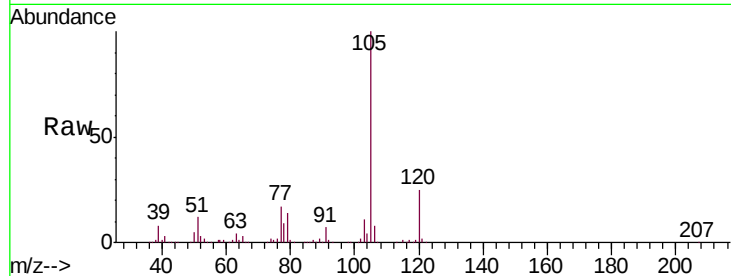
VSTDCCC050EC

Tgt Ion: 105 Resp: 746832

Ion Ratio Lower Upper

105 100

120 24.7 12.2 36.6



#74

N-ethyl acetate

Concen: 46.321 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Tgt Ion: 43 Resp: 356109

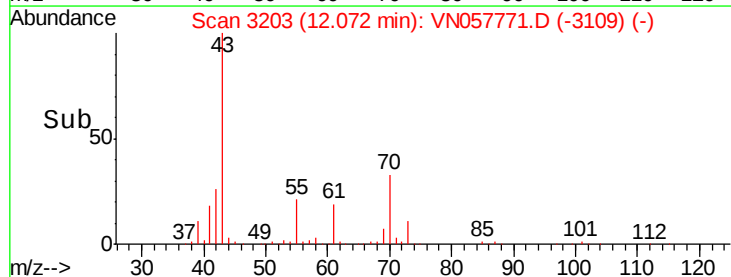
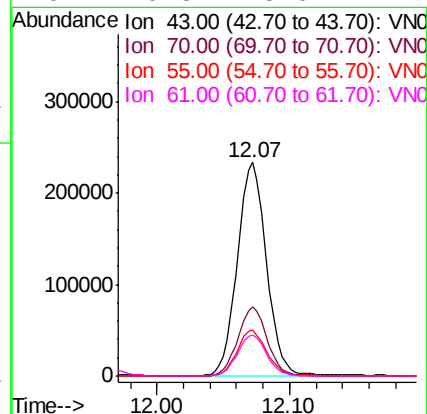
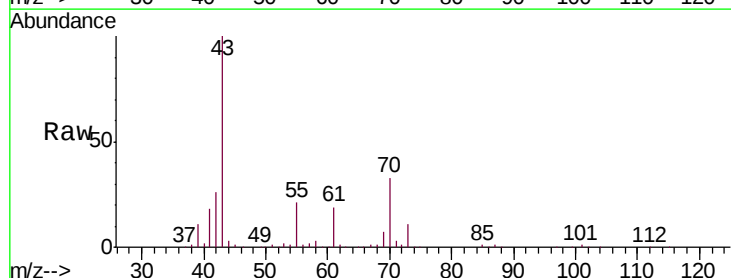
Ion Ratio Lower Upper

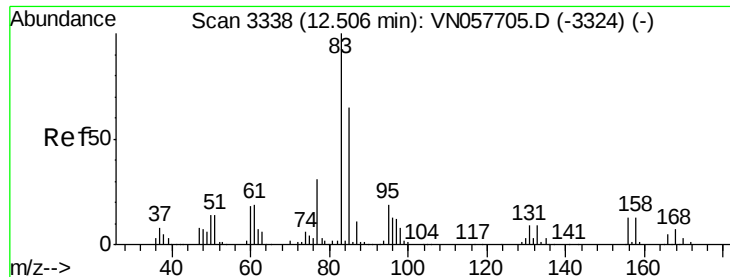
43 100

70 32.5 26.1 39.1

55 22.2 16.3 24.5

61 19.3 15.0 22.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.308 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

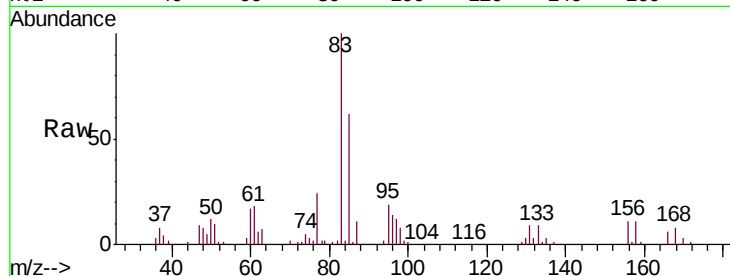
Tgt Ion: 83 Resp: 222930

Ion Ratio Lower Upper

83 100

131 9.8 4.5 13.5

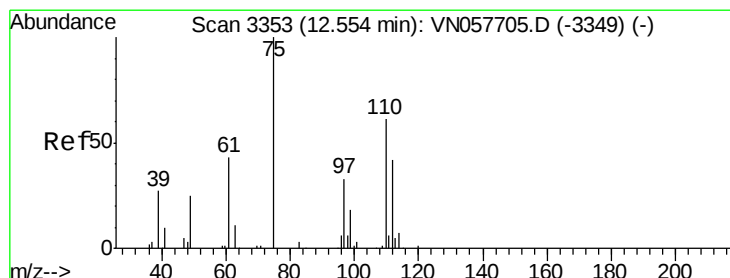
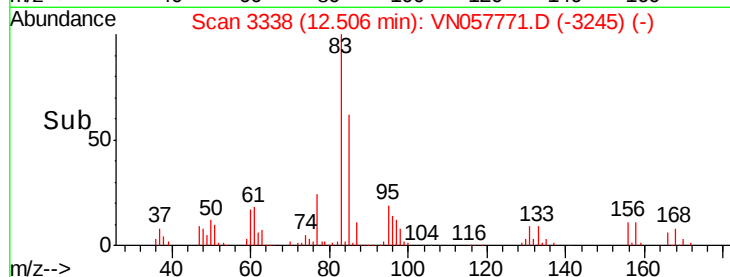
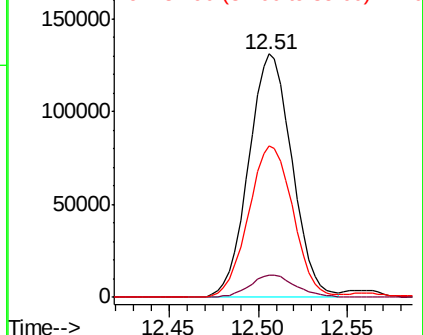
85 63.9 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 69.414 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN057771.D

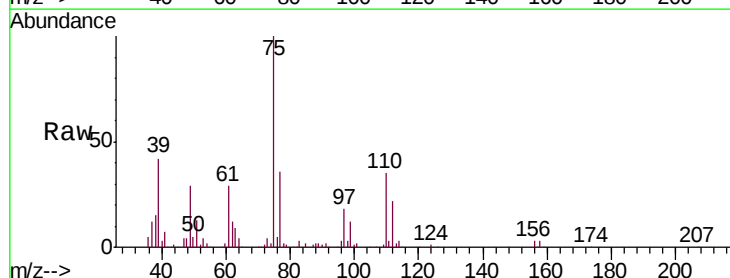
Acq: 7 Sep 2019 21:43

Tgt Ion: 75 Resp: 277473

Ion Ratio Lower Upper

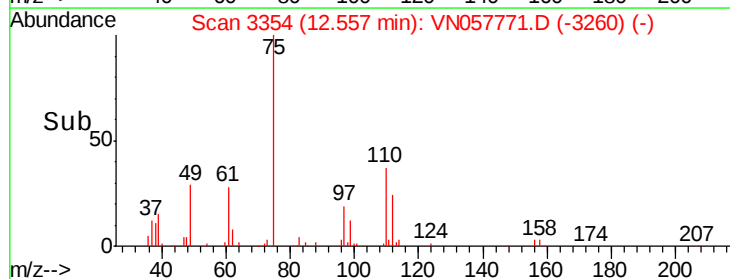
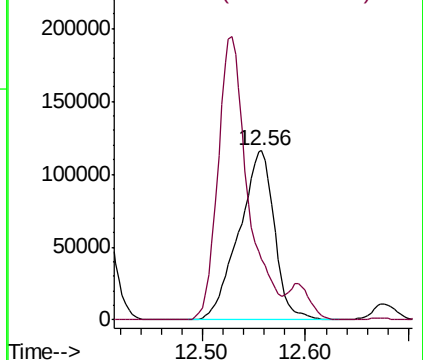
75 100

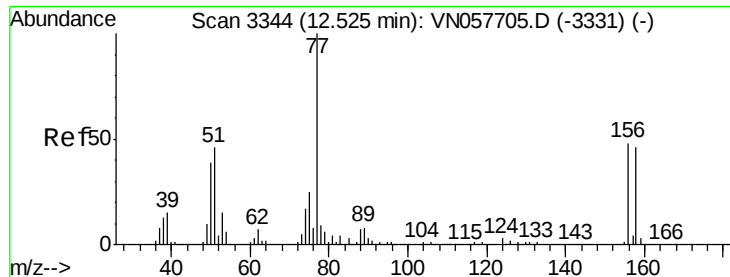
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 52.692 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

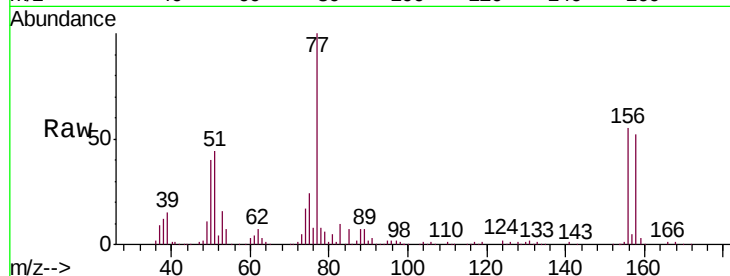
Tgt Ion:156 Resp: 176172

Ion Ratio Lower Upper

156 100

77 222.7 125.4 376.2

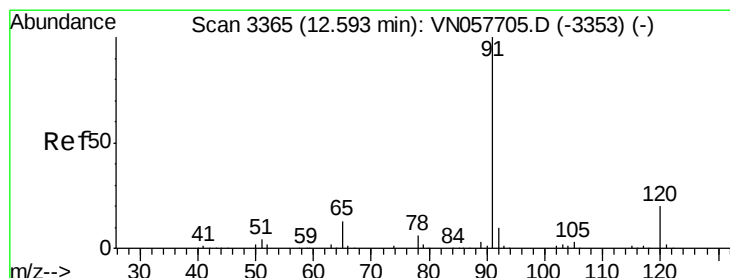
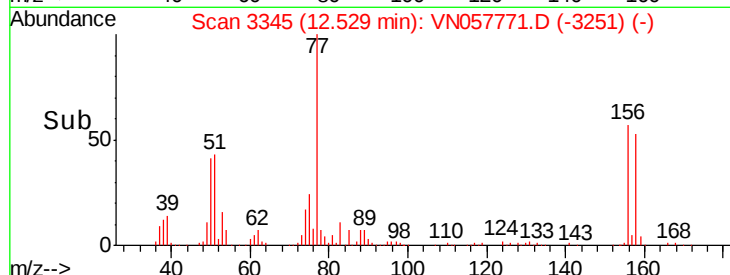
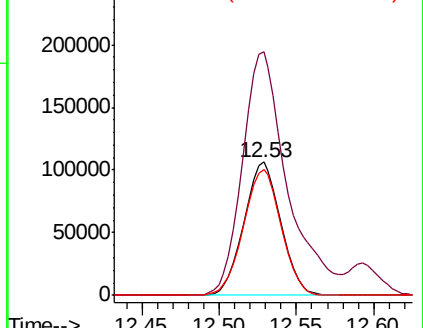
158 96.3 49.3 147.9



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: 47.727 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057771.D

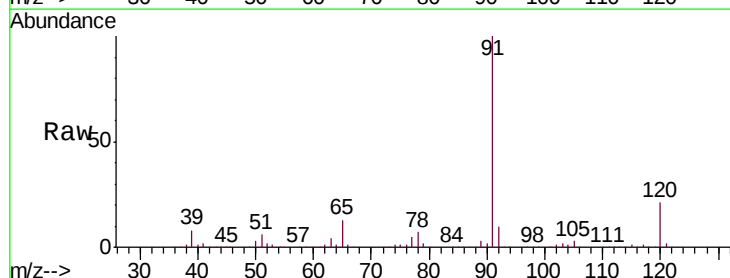
Acq: 7 Sep 2019 21:43

Tgt Ion: 91 Resp: 872659

Ion Ratio Lower Upper

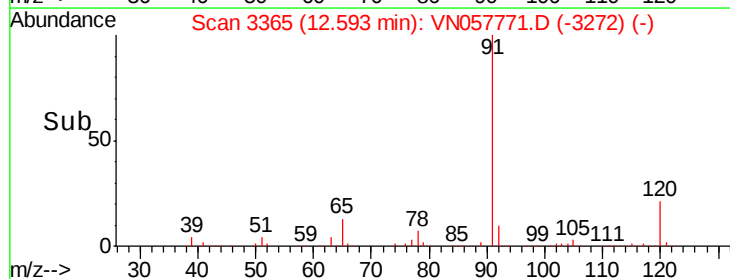
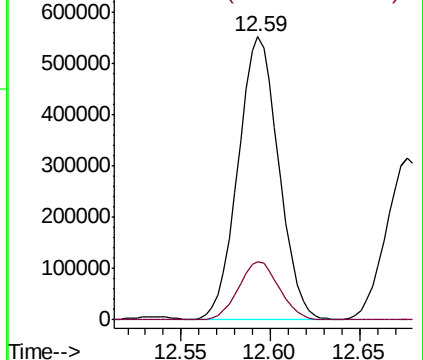
91 100

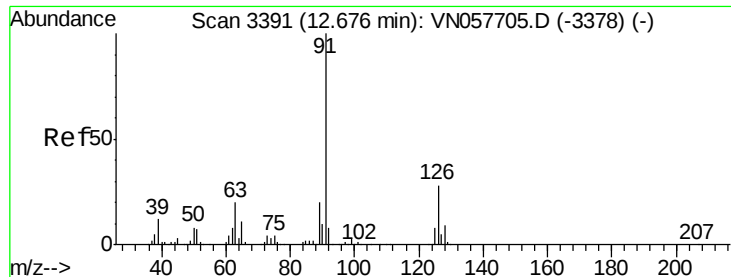
120 20.7 10.0 30.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.850 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

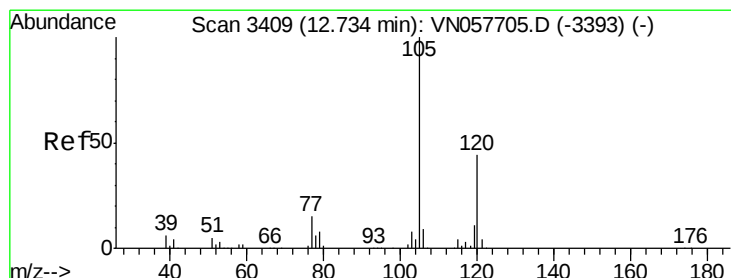
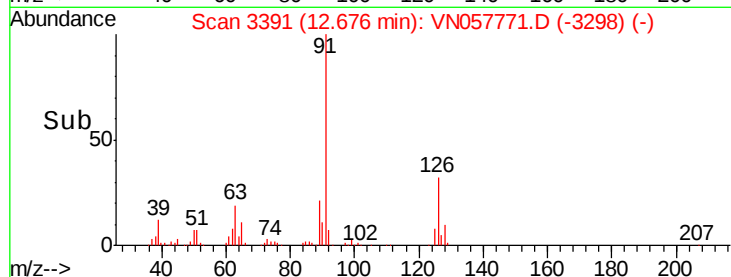
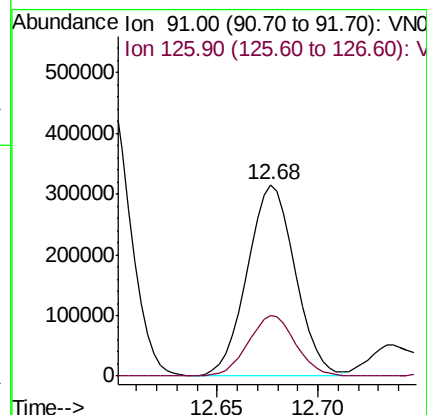
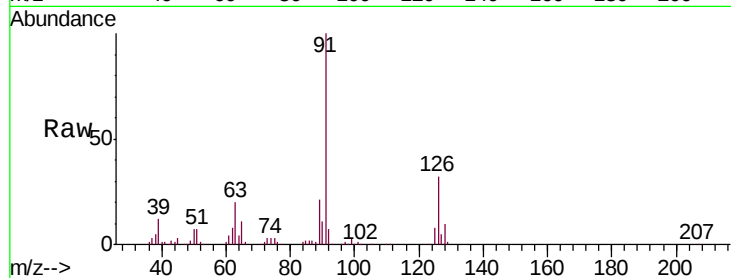
VSTDCCC050EC

Tgt Ion: 91 Resp: 521485

Ion Ratio Lower Upper

91 100

126 31.6 14.5 43.5



#80

1,3,5-Trimethylbenzene

Concen: 48.806 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057771.D

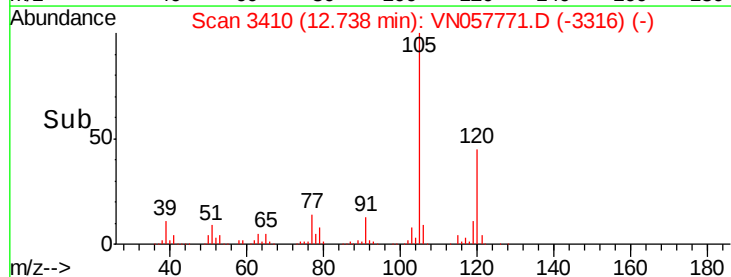
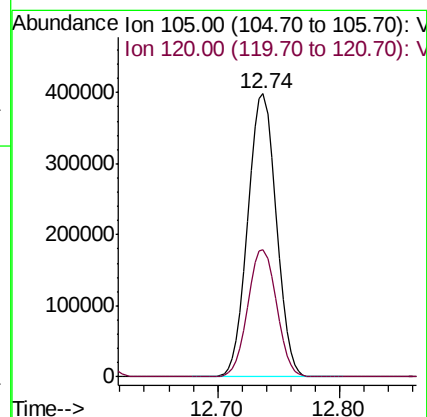
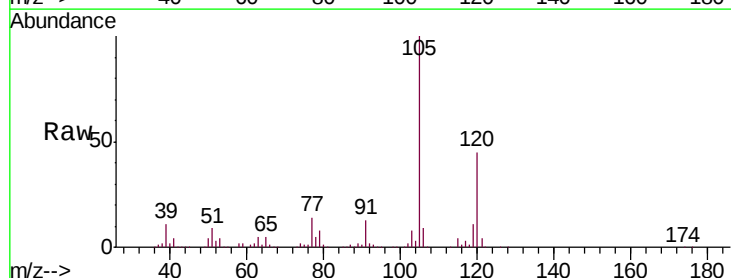
Acq: 7 Sep 2019 21:43

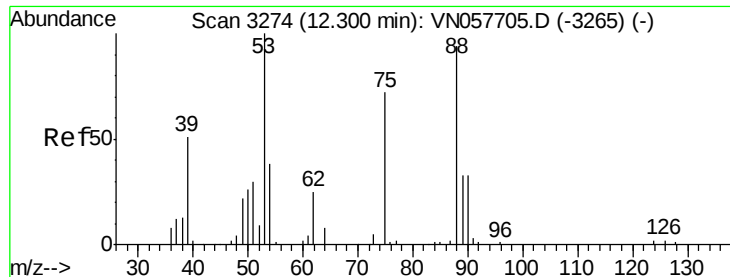
Tgt Ion: 105 Resp: 638057

Ion Ratio Lower Upper

105 100

120 45.5 22.3 66.8





#81

trans-1,4-Dichloro-2-butene

Concen: 41.302 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

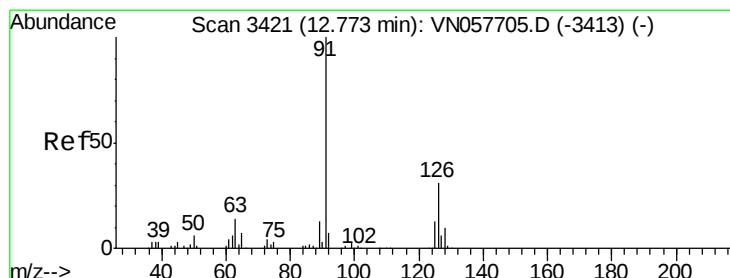
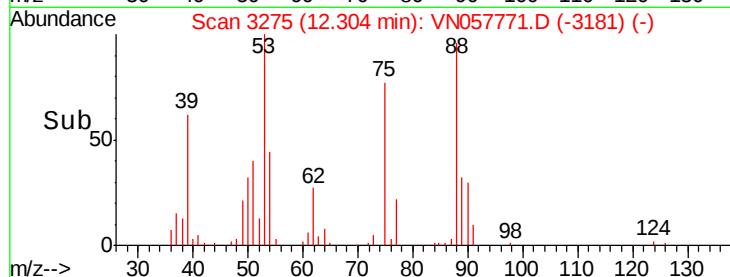
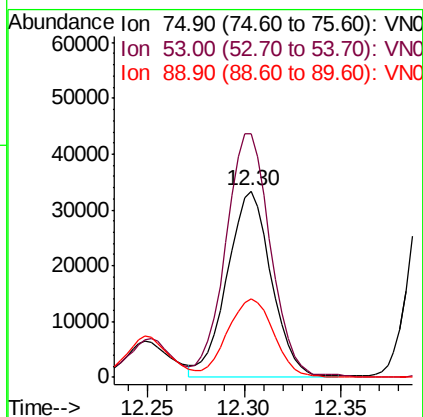
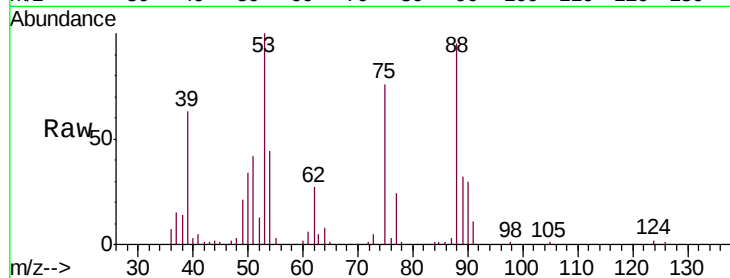
Tgt Ion: 75 Resp: 53087

Ion Ratio Lower Upper

75 100

53 129.8 107.0 160.6

89 44.4 36.5 54.7



#82

4-Chlorotoluene

Concen: 47.340 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057771.D

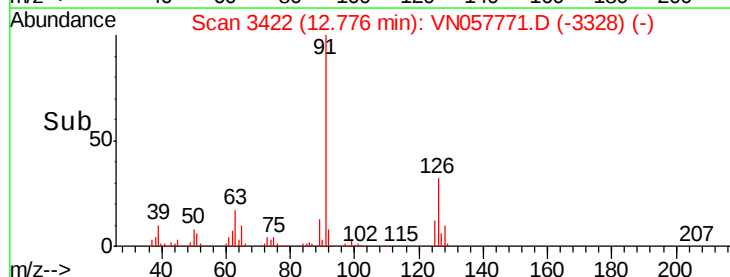
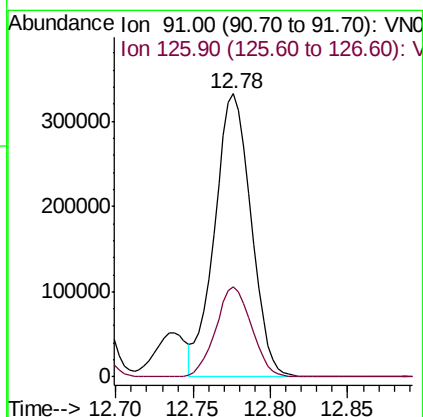
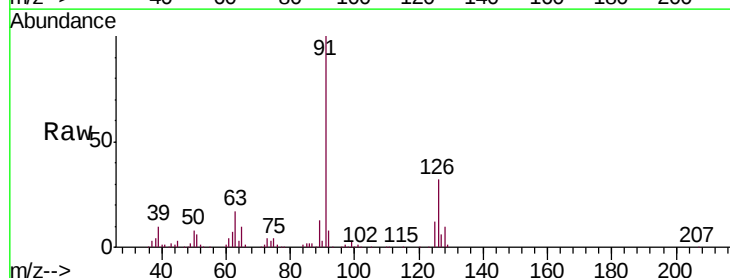
Acq: 7 Sep 2019 21:43

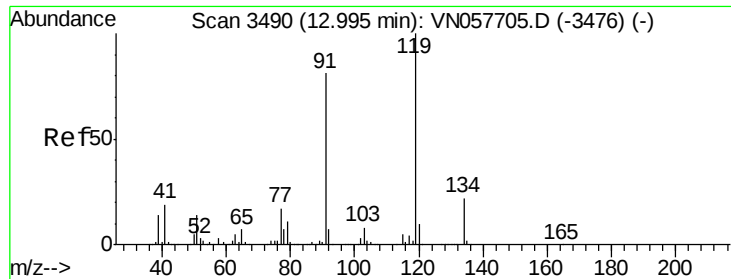
Tgt Ion: 91 Resp: 542695

Ion Ratio Lower Upper

91 100

126 31.3 14.4 43.4

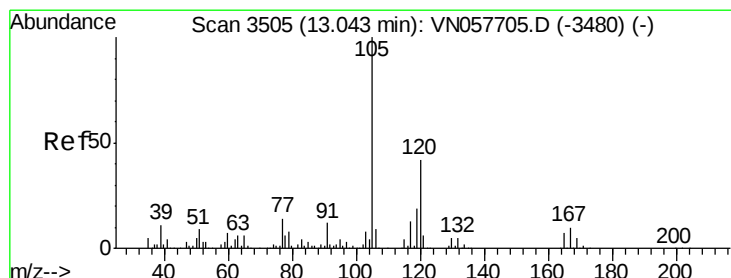
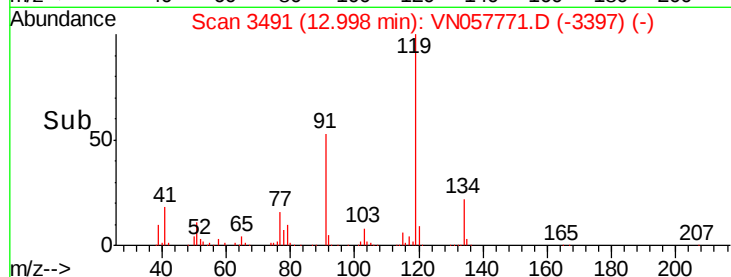
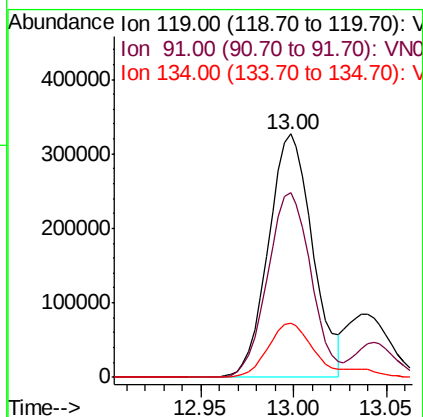
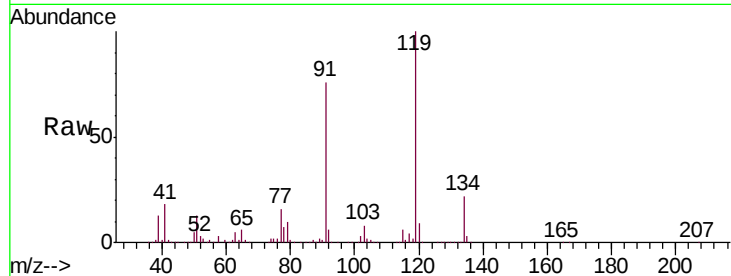




#83
 tert-Butylbenzene
 Concen: 49.084 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057771.D
 Acq: 7 Sep 2019 21:43

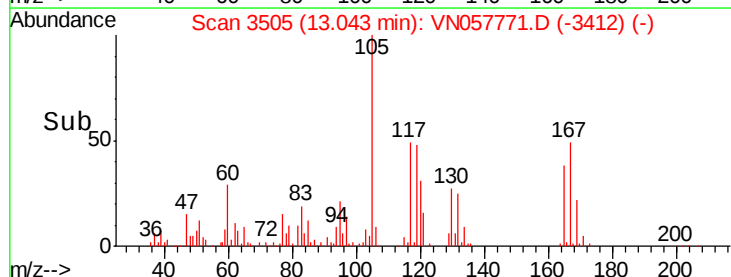
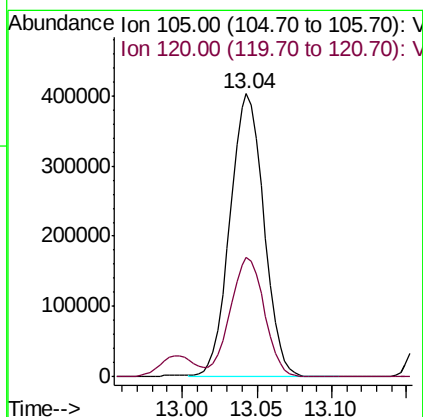
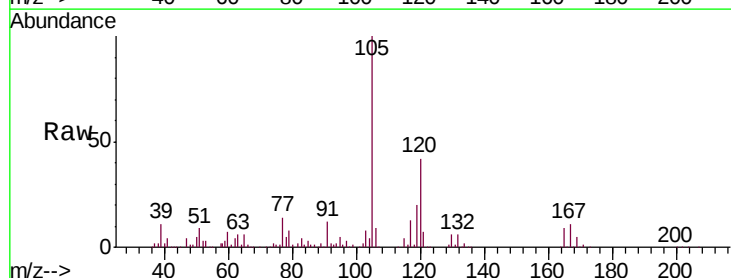
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

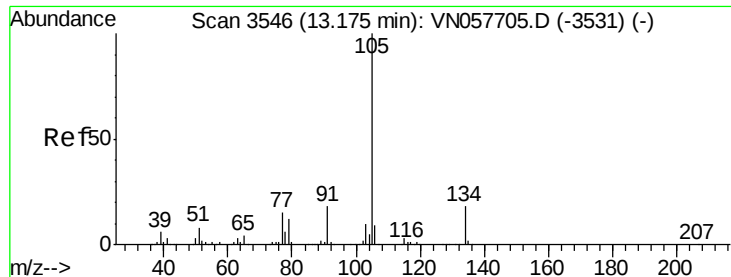
Tgt Ion:119 Resp: 540955
 Ion Ratio Lower Upper
 119 100
 91 75.4 39.6 118.8
 134 22.7 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 49.050 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057771.D
 Acq: 7 Sep 2019 21:43

Tgt Ion:105 Resp: 635191
 Ion Ratio Lower Upper
 105 100
 120 42.6 20.8 62.5

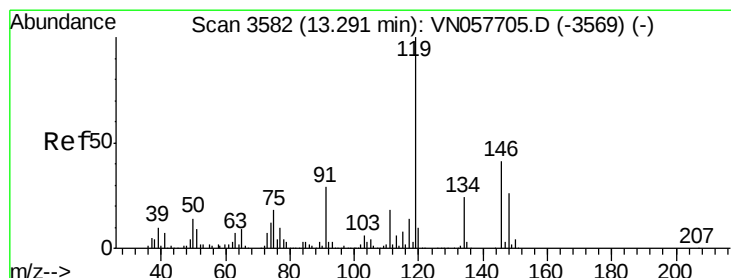
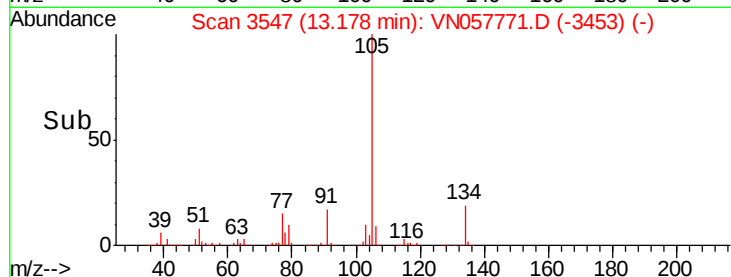
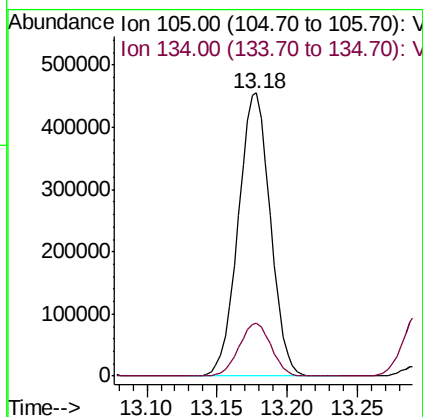
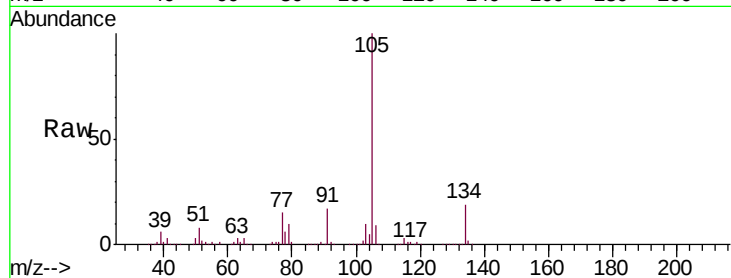




#85
 sec-Butylbenzene
 Concen: 47.849 ug/l
 RT: 13.18 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN057771.D
 Acq: 7 Sep 2019 21:43

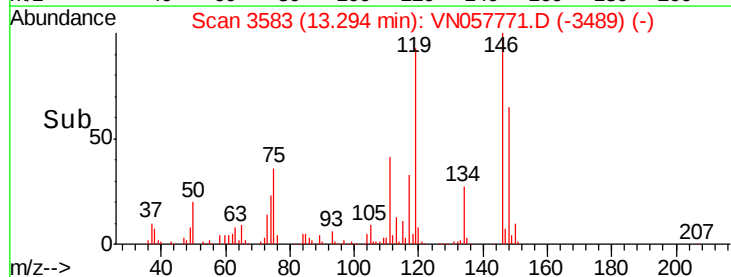
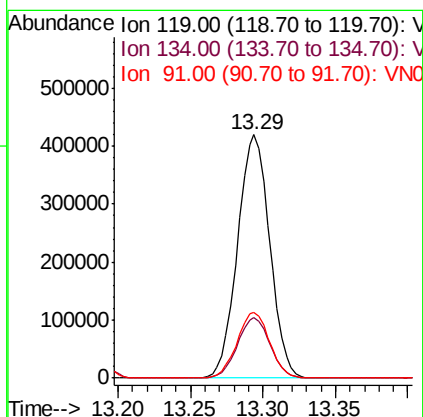
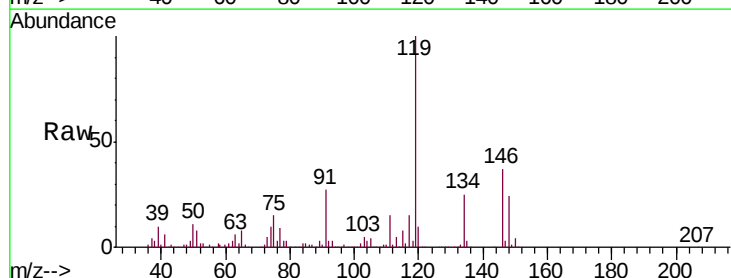
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

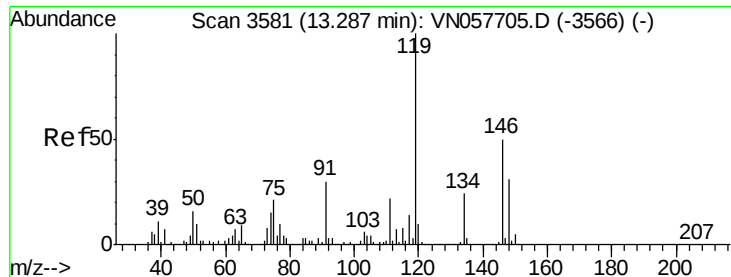
Tgt Ion:105 Resp: 726520
 Ion Ratio Lower Upper
 105 100
 134 18.7 8.8 26.5



#86
 p-Isopropyltoluene
 Concen: 50.252 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN057771.D
 Acq: 7 Sep 2019 21:43

Tgt Ion:119 Resp: 646638
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.4 37.0
 91 27.1 14.8 44.3

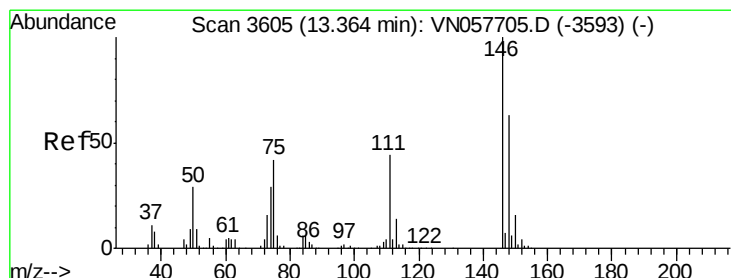
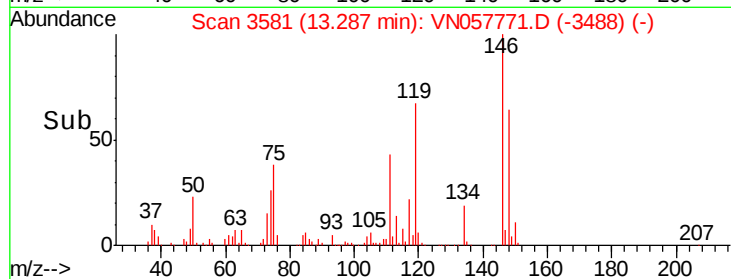
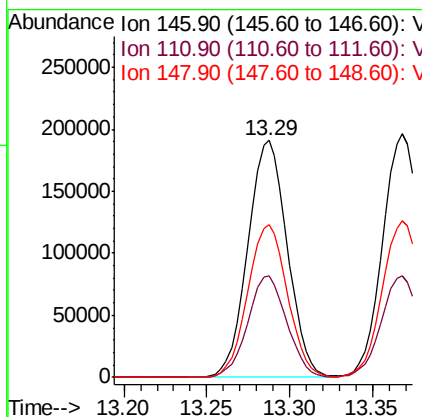
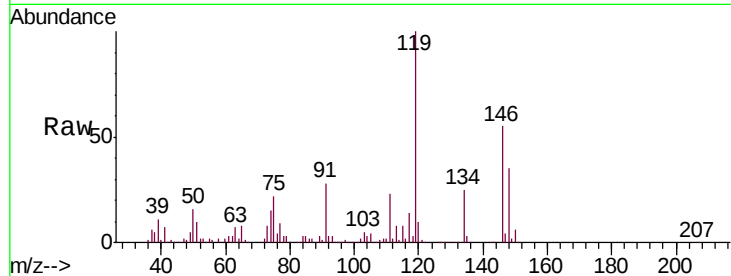




#87
 1,3-Dichlorobenzene
 Concen: 50.455 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN057771.D
 Acq: 7 Sep 2019 21:43

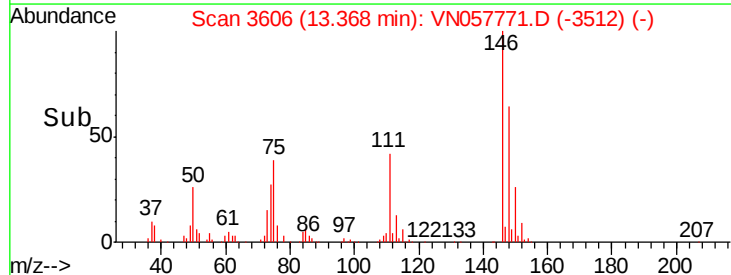
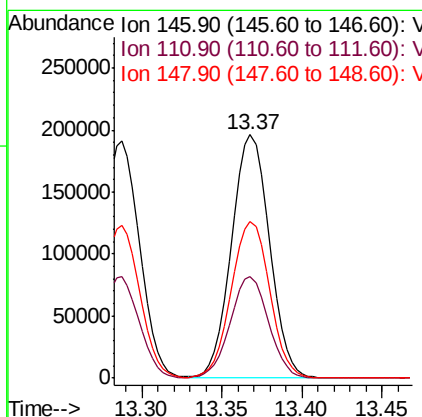
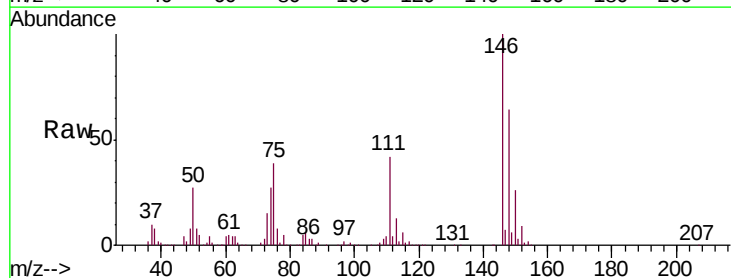
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

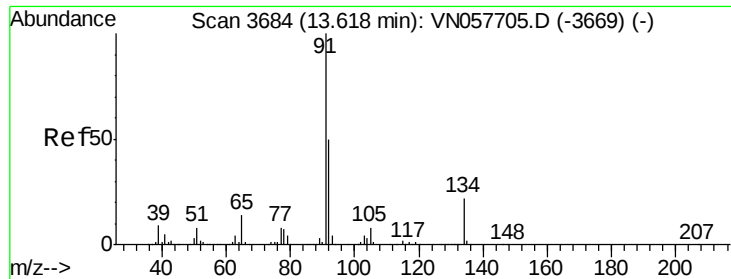
Tgt Ion:146 Resp: 315364
 Ion Ratio Lower Upper
 146 100
 111 42.1 22.3 66.8
 148 64.8 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 50.737 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN057771.D
 Acq: 7 Sep 2019 21:43

Tgt Ion:146 Resp: 317236
 Ion Ratio Lower Upper
 146 100
 111 41.9 22.3 66.9
 148 65.0 31.9 95.7





#89

n-Butylbenzene

Concen: 46.639 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

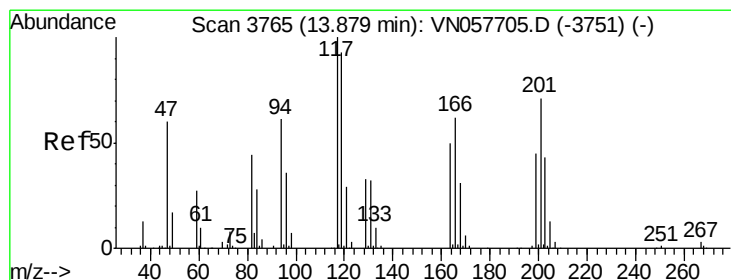
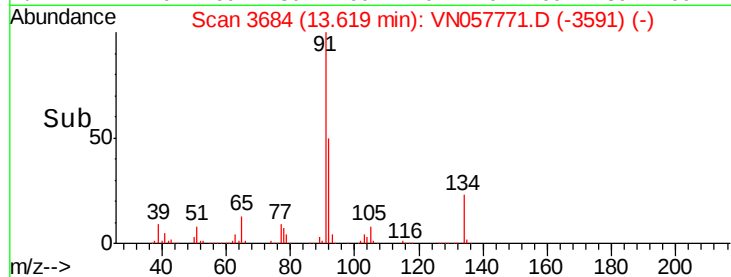
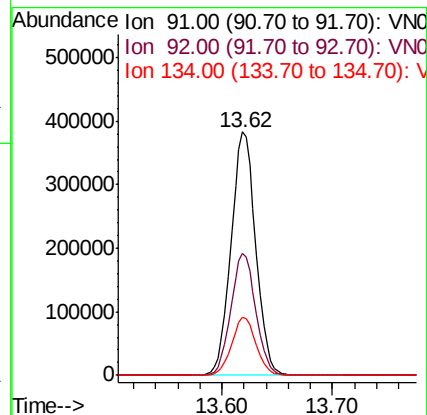
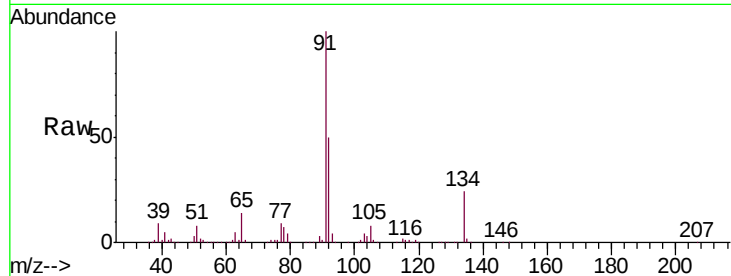
Tgt Ion: 91 Resp: 593523

Ion Ratio Lower Upper

91 100

92 50.4 25.6 76.8

134 23.7 11.2 33.5



#90

Hexachloroethane

Concen: 49.355 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN057771.D

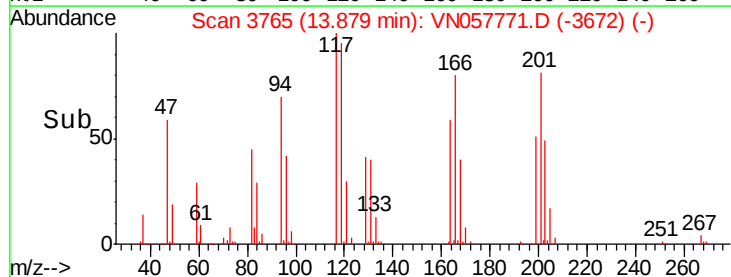
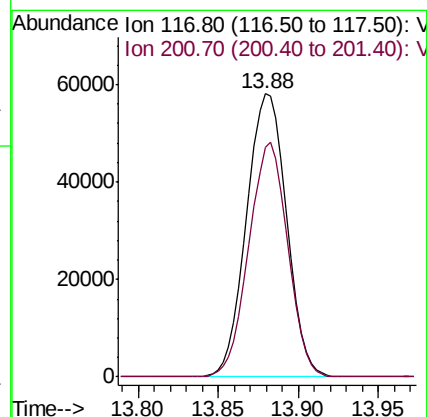
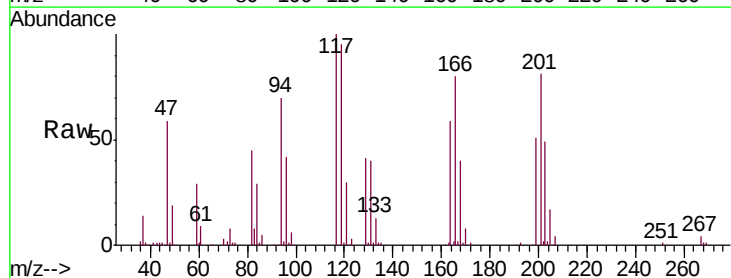
Acq: 7 Sep 2019 21:43

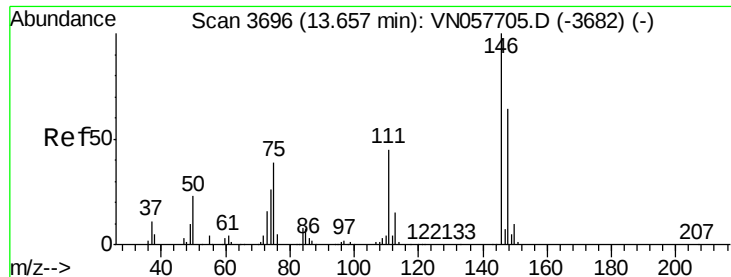
Tgt Ion: 117 Resp: 99511

Ion Ratio Lower Upper

117 100

201 80.5 36.4 109.2





#91

1,2-Dichlorobenzene

Concen: 51.490 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

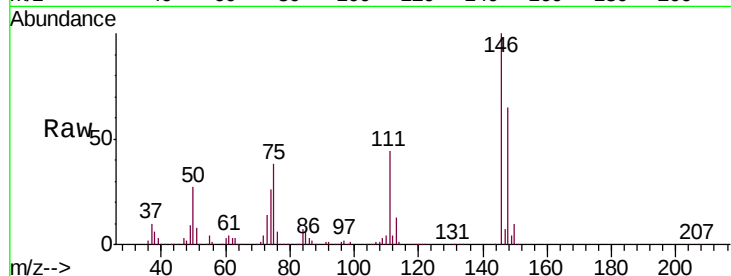
Tgt Ion:146 Resp: 316854

Ion Ratio Lower Upper

146 100

111 43.6 22.8 68.3

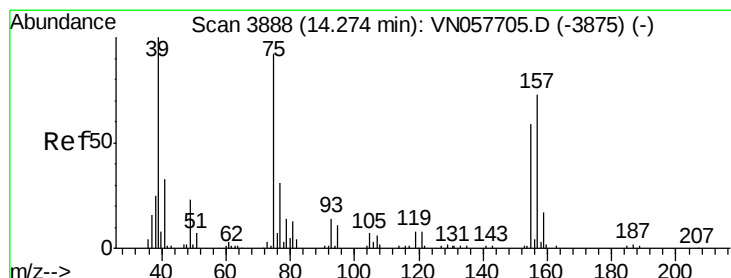
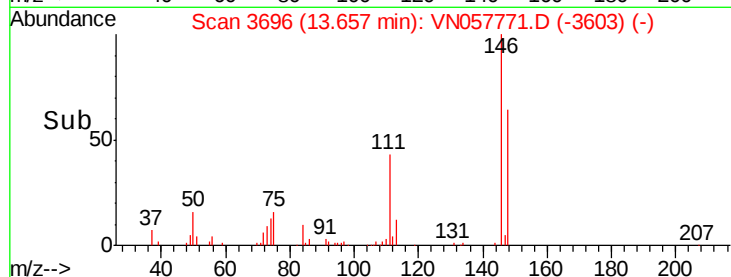
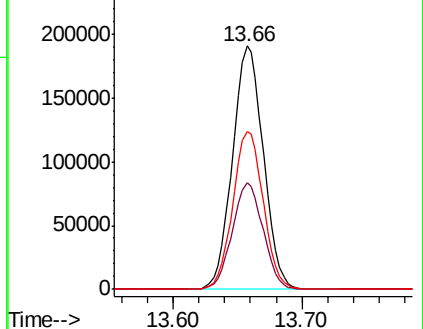
148 64.1 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.172 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

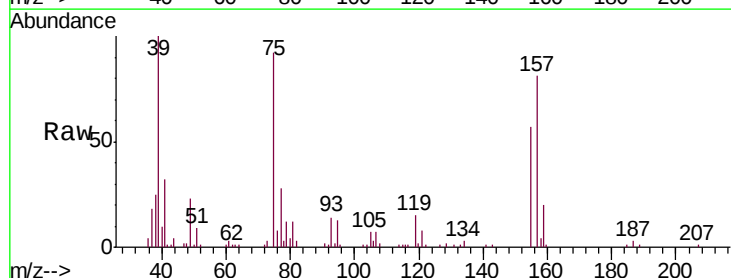
Tgt Ion: 75 Resp: 44704

Ion Ratio Lower Upper

75 100

155 67.7 30.1 90.5

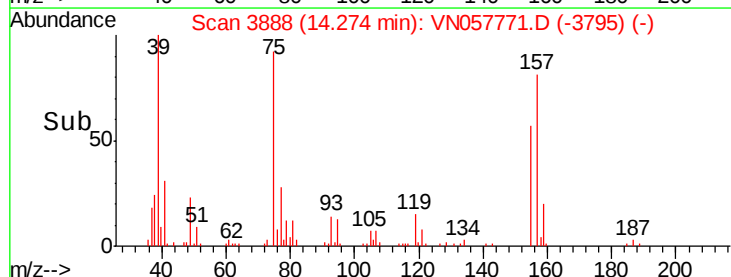
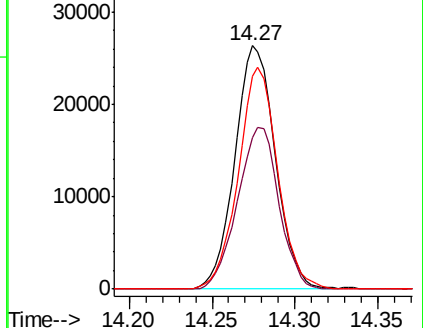
157 88.6 38.1 114.5

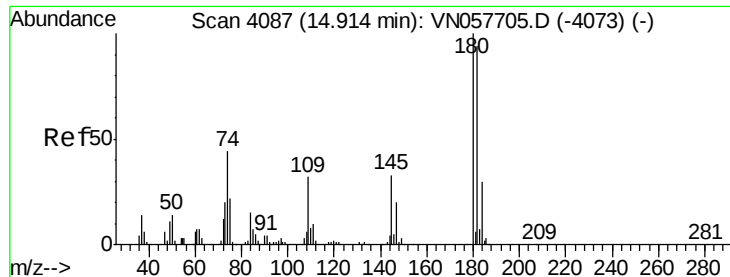


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

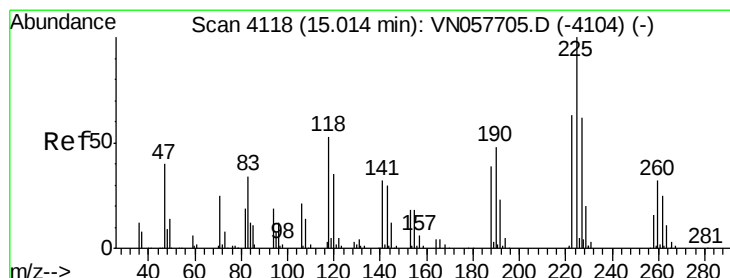
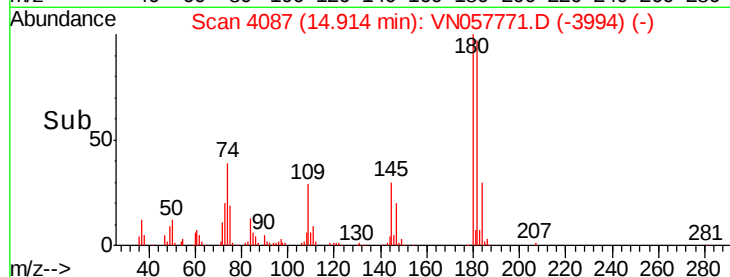
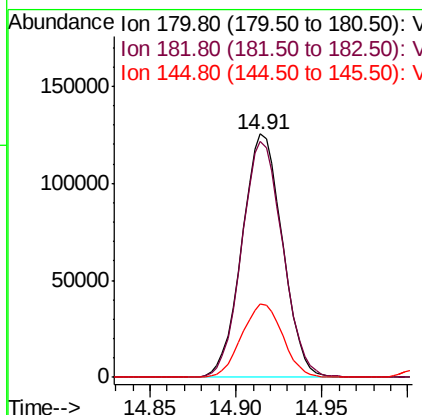
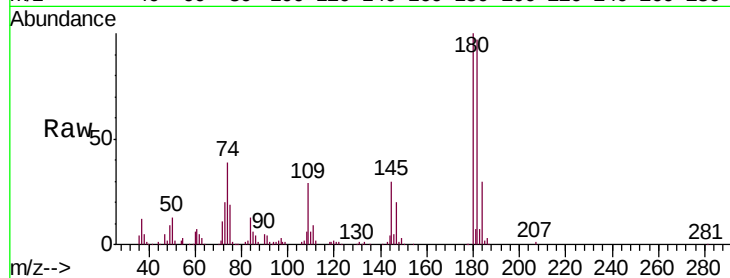




#93
 1,2,4-Trichlorobenzene
 Concen: 55.694 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057771.D
 Acq: 7 Sep 2019 21:43

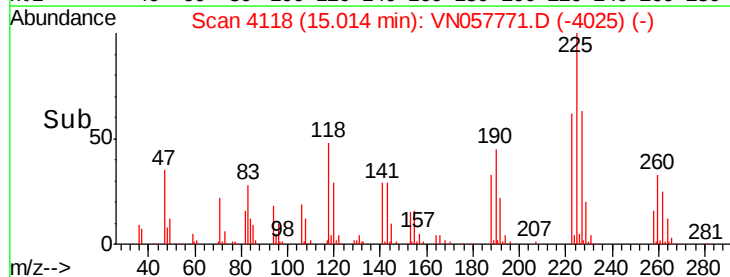
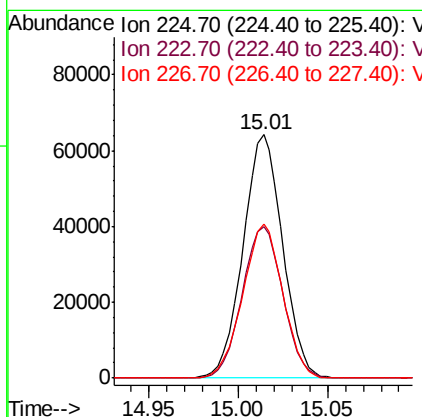
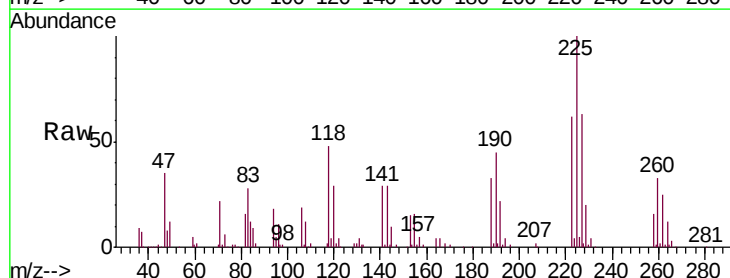
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

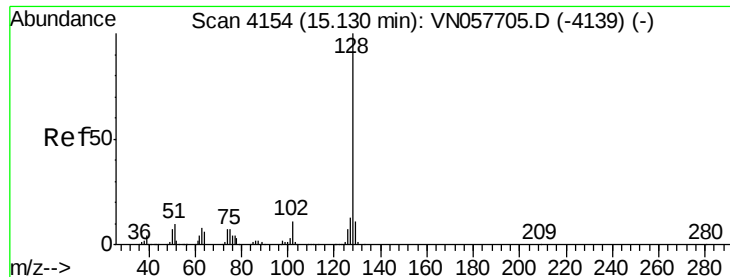
Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	47.6	142.9
145	30.7	16.6	49.7



#94
 Hexachlorobutadiene
 Concen: 55.704 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN057771.D
 Acq: 7 Sep 2019 21:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.6	95.0
227	63.8	31.7	95.1





#95

Naphthalene

Concen: 52.509 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

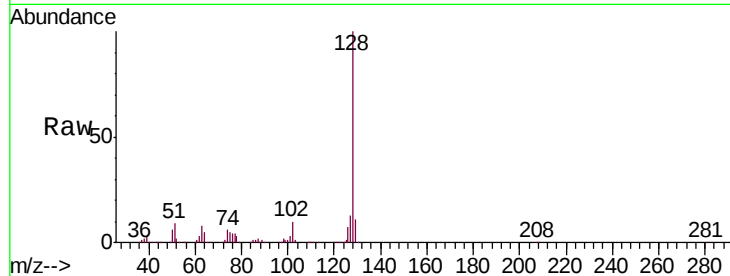
Tgt Ion:128 Resp: 560813

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

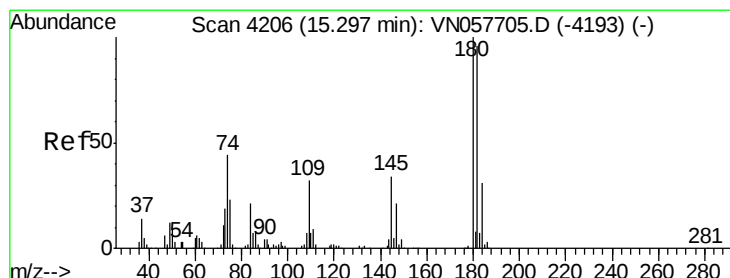
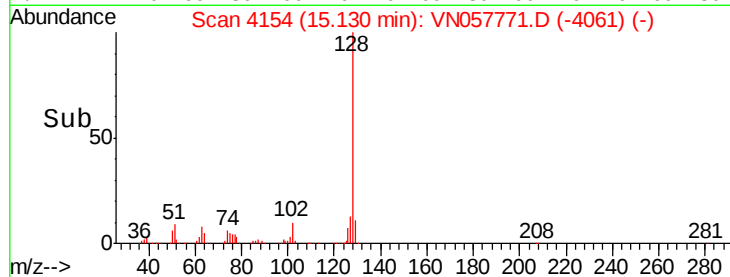
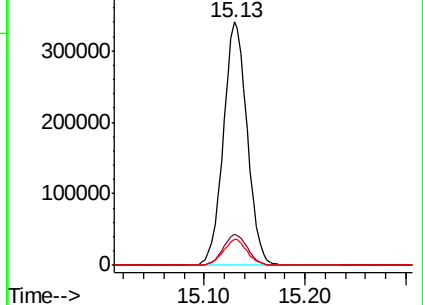
129 10.8 8.4 12.6



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: 55.789 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN057771.D

Acq: 7 Sep 2019 21:43

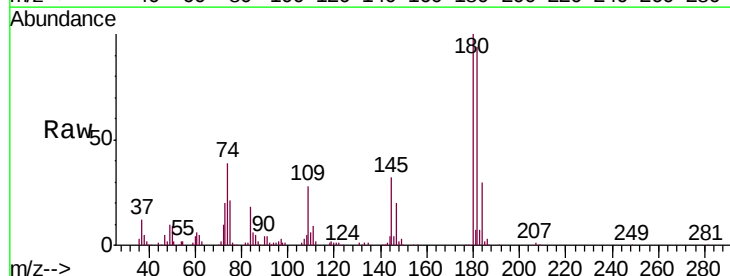
Tgt Ion:180 Resp: 196868

Ion Ratio Lower Upper

180 100

182 94.5 47.0 141.2

145 32.0 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

