

Data File : VN057773.D
Acq On : 7 Sep 2019 23:11
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Sep 08 06:42:04 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	200015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	314201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	295068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	178347	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	225572	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
35) Dibromofluoromethane	7.57	113	148532	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
50) Toluene-d8	10.09	98	544685	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.40	95	220557	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	139903	44.045	ug/l	96
3) Chloromethane	2.03	50	136091	35.916	ug/l	97
4) Vinyl Chloride	2.16	62	119401	43.407	ug/l	97
5) Bromomethane	2.53	94	65850	52.124	ug/l	99
6) Chloroethane	2.68	64	70891	43.653	ug/l	94
7) Trichlorofluoromethane	2.99	101	175025	39.647	ug/l	100
8) Diethyl Ether	3.39	74	78866	44.710	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	123668	44.887	ug/l	96
10) Methyl Iodide	3.93	142	151626	55.546	ug/l	98
11) Tert butyl alcohol	4.76	59	127863	231.284	ug/l	99
12) 1,1-Dichloroethene	3.71	96	111093	44.816	ug/l	97
13) Acrolein	3.59	56	59244	225.334	ug/l	94
14) Allyl chloride	4.30	41	237998	42.015	ug/l	99
15) Acrylonitrile	4.96	53	351376	247.217	ug/l	98
16) Acetone	3.80	43	344366	229.980	ug/l	98
17) Carbon Disulfide	4.03	76	232083	41.324	ug/l	99
18) Methyl Acetate	4.30	43	184648	45.346	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	466672	44.843	ug/l	98
20) Methylene Chloride	4.53	84	141685	43.762	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	122494	46.962	ug/l	97
22) Diisopropyl ether	5.93	45	546123	45.575	ug/l	98
23) Vinyl Acetate	5.87	43	2311763	238.349	ug/l	100
24) 1,1-Dichloroethane	5.83	63	279934	45.561	ug/l	98
25) 2-Butanone	6.82	43	525464	245.045	ug/l	99
26) 2,2-Dichloropropane	6.81	77	177217	34.574	ug/l	98
27) cis-1,2-Dichloroethene	6.81	96	156824	47.899	ug/l	92
28) Bromochloromethane	7.18	49	153043	47.606	ug/l	93
29) Tetrahydrofuran	7.19	42	334936	242.200	ug/l	99
30) Chloroform	7.36	83	297273	46.432	ug/l	98
31) Cyclohexane	7.64	56	229955	42.106	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	253580	47.551	ug/l	99
36) 1,1-Dichloropropene	7.78	75	198490	47.486	ug/l	98
37) Ethyl Acetate	6.91	43	217890	52.507	ug/l	99
38) Carbon Tetrachloride	7.76	117	203646	50.881	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	210016	47.501	ug/l	96
40) Benzene	8.03	78	593756	50.221	ug/l	99
41) Methacrylonitrile	7.19	41	335406	165.348	ug/l #	22
42) 1,2-Dichloroethane	8.11	62	266857	48.153	ug/l	98
43) Isopropyl Acetate	8.15	43	393041	49.345	ug/l	99
44) Trichloroethene	8.83	130	142959	53.800	ug/l	100
45) 1,2-Dichloropropane	9.11	63	164915	49.874	ug/l	99
46) Dibromomethane	9.20	93	111980	52.794	ug/l	94
47) Bromodichloromethane	9.40	83	227458	50.460	ug/l	99
48) Methyl methacrylate	9.19	41	196012	47.849	ug/l	97
49) 1,4-Dioxane	9.19	88	52774	1107.225	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1196026	270.378	ug/l	99
52) Toluene	10.15	92	367113	51.231	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	218706	48.361	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	236525	48.409	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	148833	51.611	ug/l	99
56) Ethyl methacrylate	10.43	69	238507	51.817	ug/l	98
57) 1,3-Dichloropropane	10.71	76	260820	50.350	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	592252	253.619	ug/l	99
59) 2-Hexanone	10.75	43	845937	271.195	ug/l	100
60) Dibromochloromethane	10.90	129	153100	49.263	ug/l	100
61) 1,2-Dibromoethane	11.00	107	150761	54.456	ug/l	99
64) Tetrachloroethene	10.63	164	125897	54.727	ug/l	94
65) Chlorobenzene	11.43	112	396438	51.505	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	145820	54.446	ug/l	98
67) Ethyl Benzene	11.51	91	749585	50.474	ug/l	99
68) m/p-Xylenes	11.62	106	532371	104.079	ug/l	97
69) o-Xylene	11.95	106	261716	51.673	ug/l	98
70) Styrene	11.96	104	460385	52.533	ug/l	98
71) Bromoform	12.13	173	101249	50.553	ug/l #	99
73) Isopropylbenzene	12.25	105	745307	47.268	ug/l	98
74) N-amyl acetate	12.07	43	354999	45.071	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	225836	47.765	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	280025	68.374	ug/l #	100
77) Bromobenzene	12.53	156	177416	51.793	ug/l	88
78) n-propylbenzene	12.59	91	862245	46.028	ug/l	98
79) 2-Chlorotoluene	12.68	91	532770	46.717	ug/l	96
80) 1,3,5-Trimethylbenzene	12.74	105	637548	47.599	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	51225	38.899	ug/l	96
82) 4-Chlorotoluene	12.78	91	546197	46.504	ug/l	97
83) tert-Butylbenzene	13.00	119	537046	47.562	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	638637	48.135	ug/l	99
85) sec-Butylbenzene	13.17	105	715210	45.976	ug/l	97
86) p-Isopropyltoluene	13.29	119	637016	48.318	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	318566	49.747	ug/l	97
88) 1,4-Dichlorobenzene	13.37	146	320063	49.962	ug/l	98
89) n-Butylbenzene	13.62	91	590648	45.301	ug/l	99
90) Hexachloroethane	13.88	117	99062	47.955	ug/l	92
91) 1,2-Dichlorobenzene	13.66	146	320977	50.910	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	46613	50.043	ug/l	92

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

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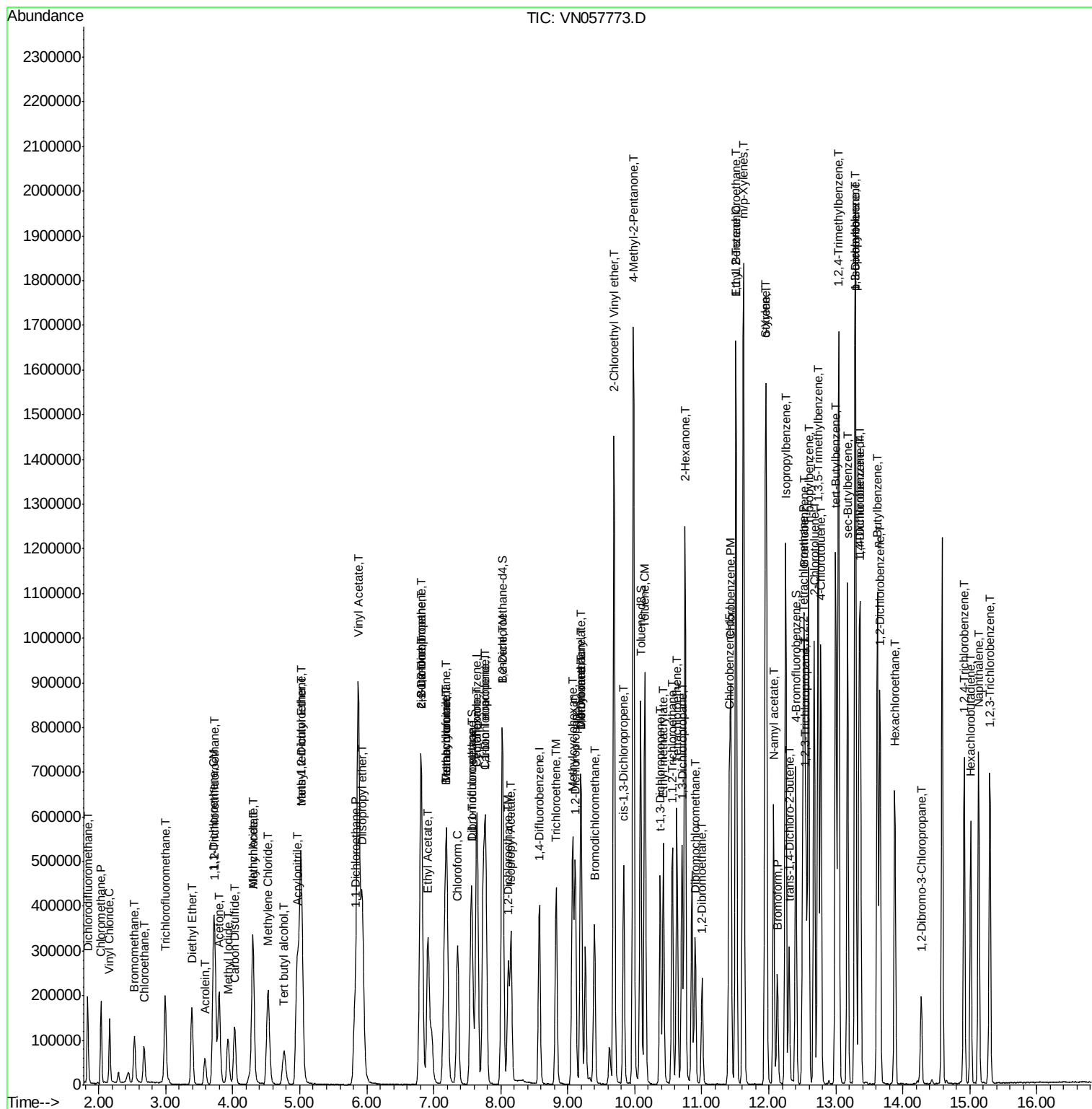
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	207116	54.911	ug/l	98
94) Hexachlorobutadiene	15.01	225	100824	54.842	ug/l	99
95) Naphthalene	15.13	128	557719	50.968	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	194825	53.887	ug/l	99

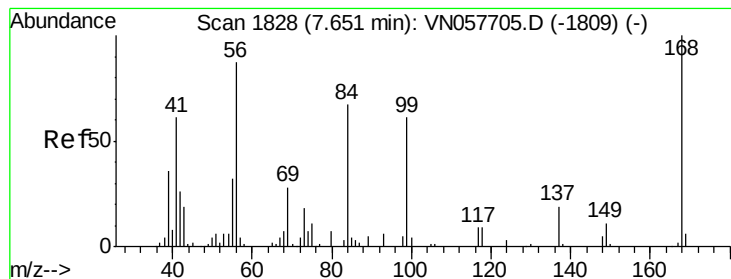
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

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Acq: 7 Sep 2019 23:11

Instrument :

MSVOA_N

ClientSampleId :

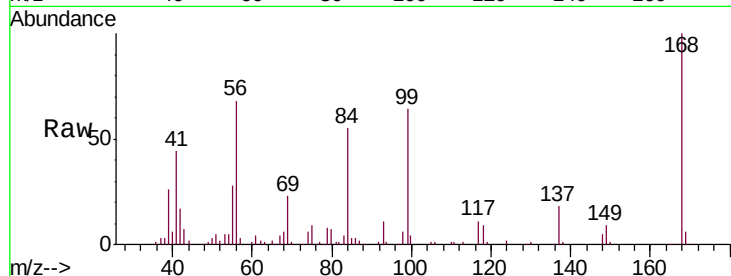
VSTDCCC050

Tgt Ion: 168 Resp: 200015

Ion Ratio Lower Upper

168 100

99 63.7 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

80000

60000

40000

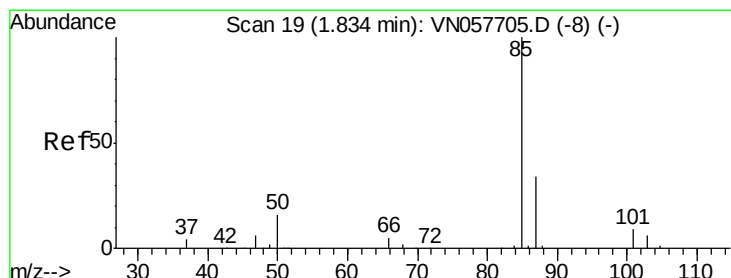
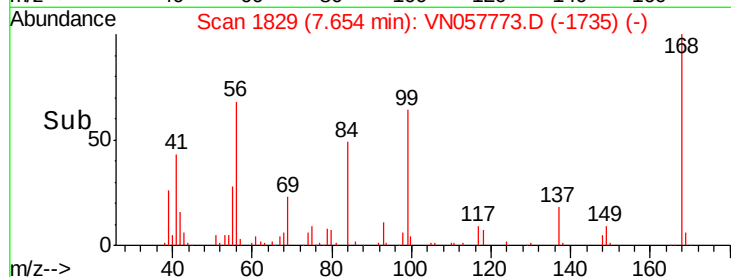
20000

0

Time-->

7.60

7.70



#2

Dichlorodifluoromethane

Concen: 44.045 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN057773.D

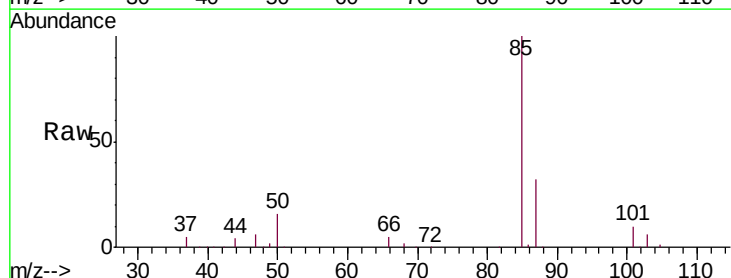
Acq: 7 Sep 2019 23:11

Tgt Ion: 85 Resp: 139903

Ion Ratio Lower Upper

85 100

87 31.6 17.0 51.0



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

120000

100000

80000

60000

40000

20000

0

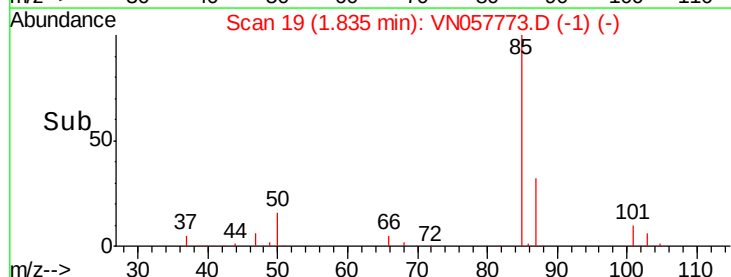
Time-->

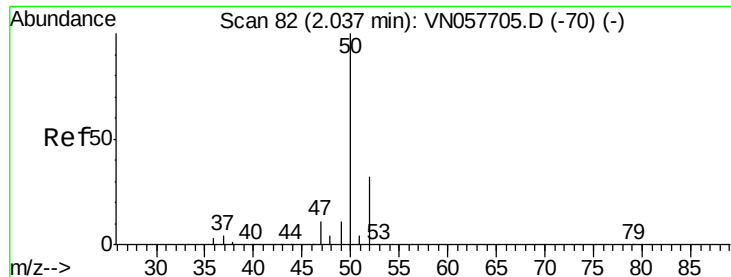
1.75

1.80

1.85

1.90





#3

Chloromethane

Concen: 35.916 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

Instrument :

MSVOA_N

ClientSampleId :

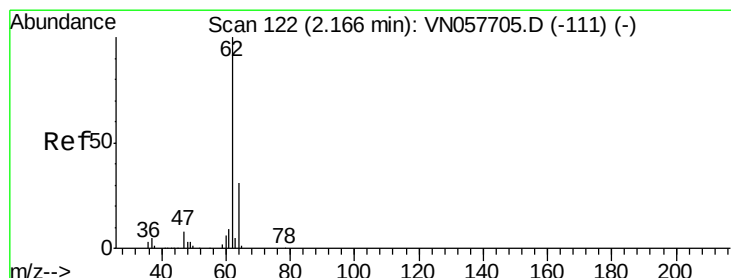
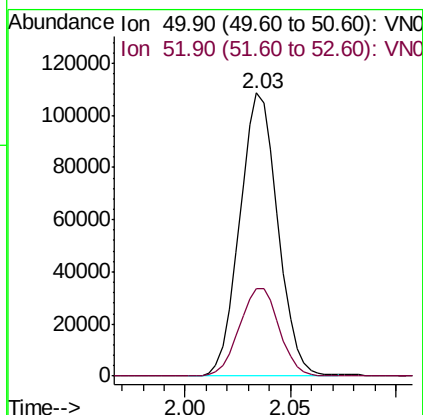
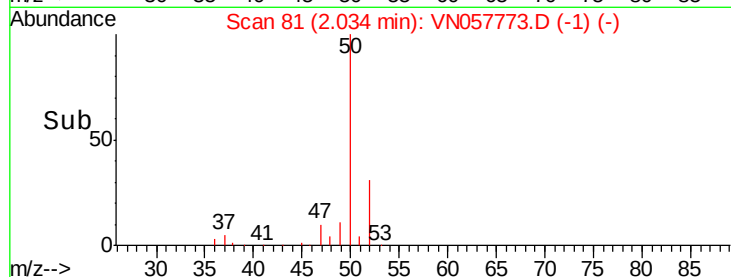
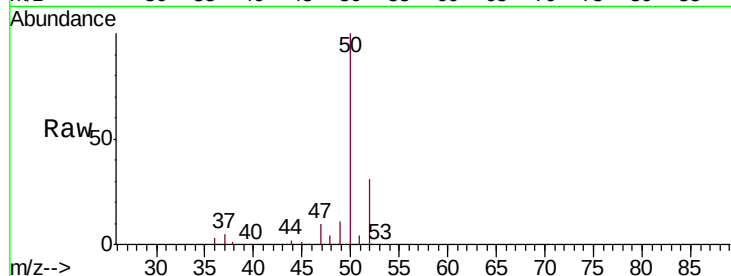
VSTDCCC050

Tgt Ion: 50 Resp: 136091

Ion Ratio Lower Upper

50 100

52 31.0 26.0 39.0



#4

Vinyl Chloride

Concen: 43.407 ug/l

RT: 2.16 min Scan# 121

Delta R.T. -0.00 min

Lab File: VN057773.D

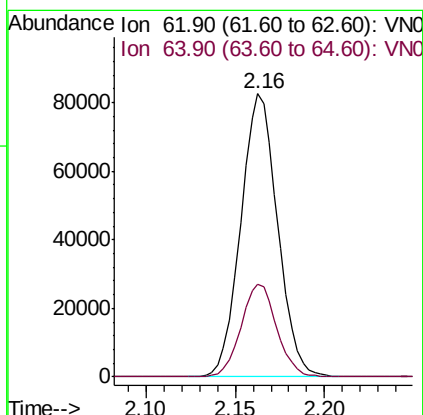
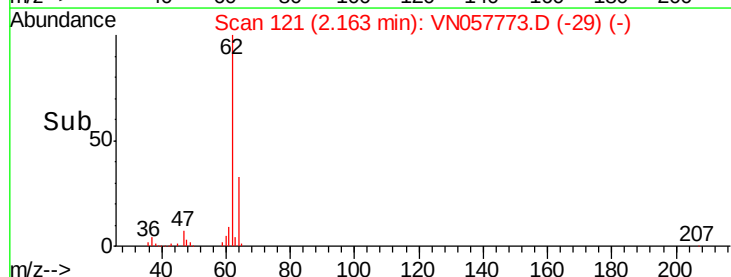
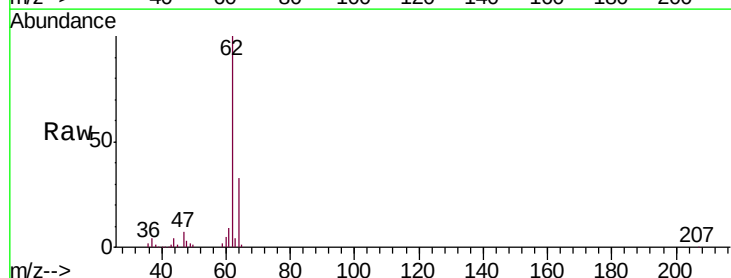
Acq: 7 Sep 2019 23:11

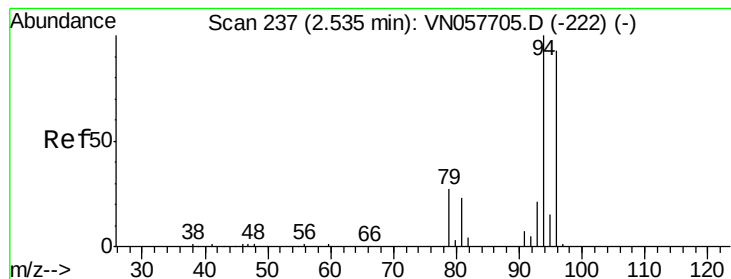
Tgt Ion: 62 Resp: 119401

Ion Ratio Lower Upper

62 100

64 32.7 24.9 37.3





#5

Bromomethane

Concen: 52.124 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

Instrument :

MSVOA_N

ClientSampleId :

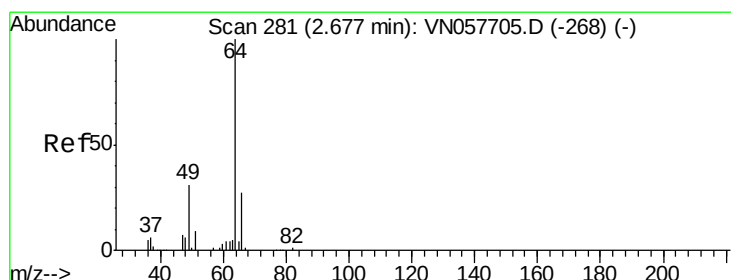
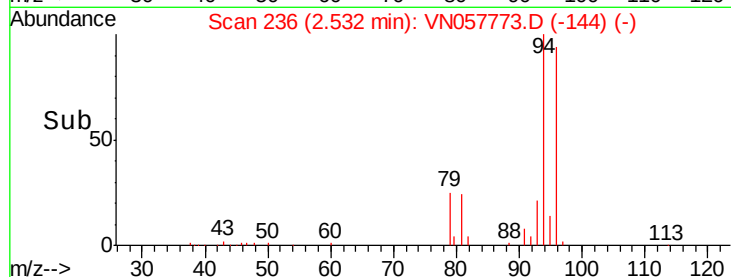
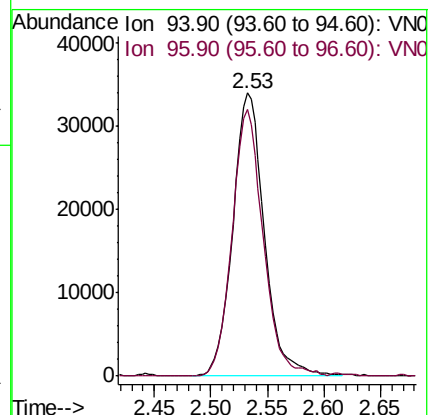
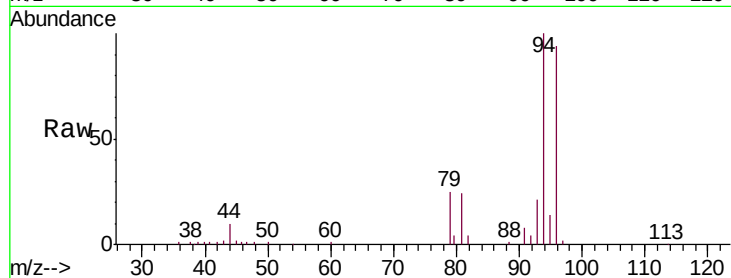
VSTDCCC050

Tgt Ion: 94 Resp: 65850

Ion Ratio Lower Upper

94 100

96 94.4 74.8 112.2



#6

Chloroethane

Concen: 43.653 ug/l

RT: 2.68 min Scan# 281

Delta R.T. 0.00 min

Lab File: VN057773.D

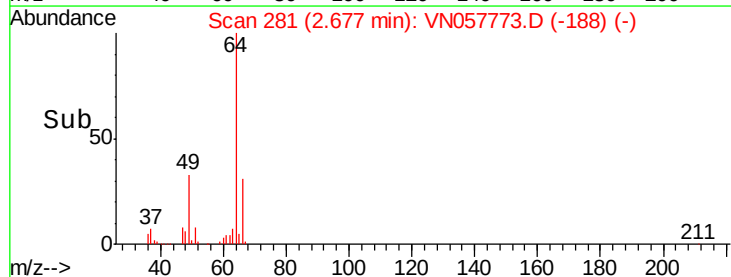
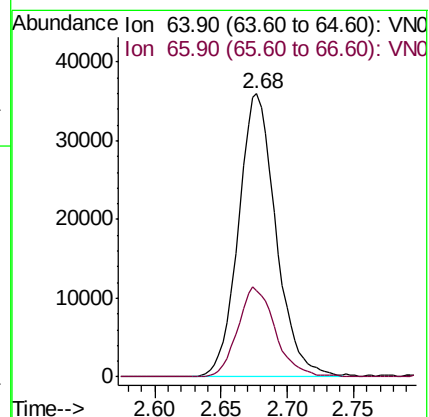
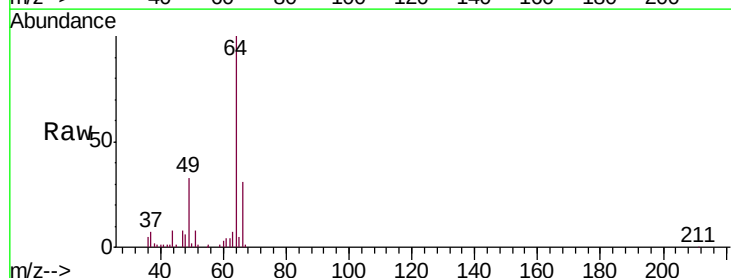
Acq: 7 Sep 2019 23:11

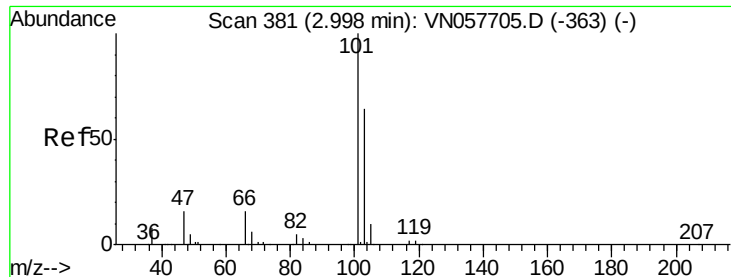
Tgt Ion: 64 Resp: 70891

Ion Ratio Lower Upper

64 100

66 30.5 22.0 33.0



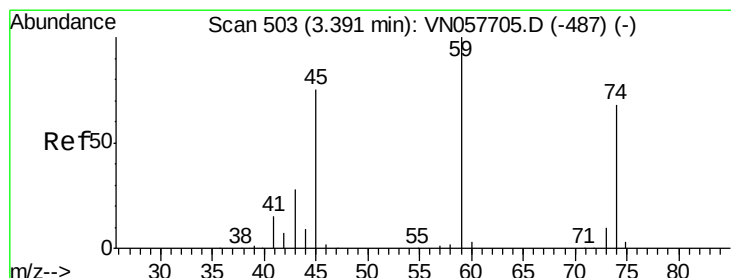
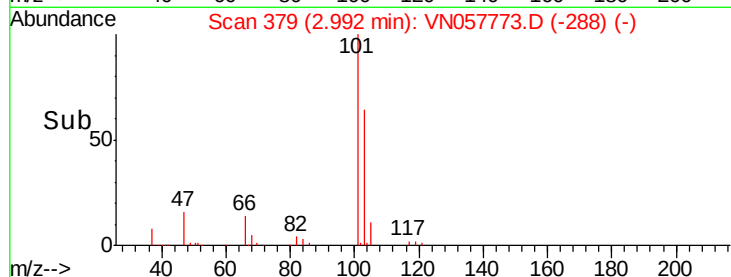
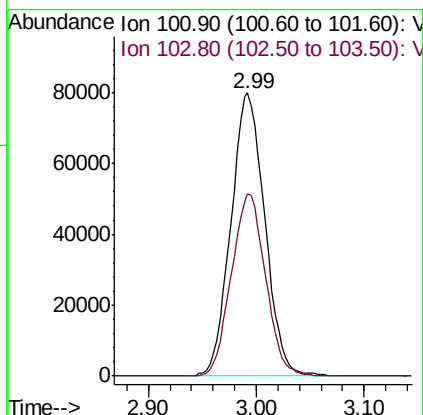
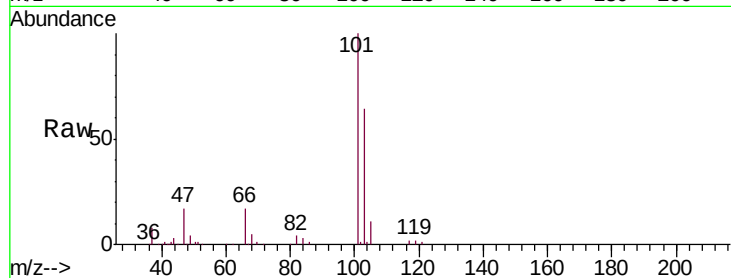


#7

Trichlorofluoromethane
Concen: 39.647 ug/l
RT: 2.99 min Scan# 379
Delta R.T. -0.01 min
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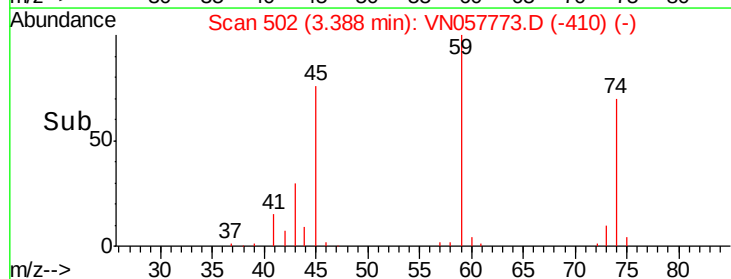
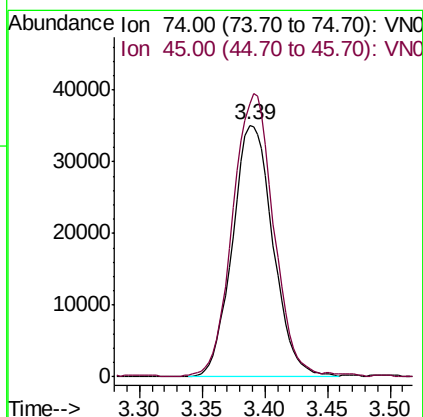
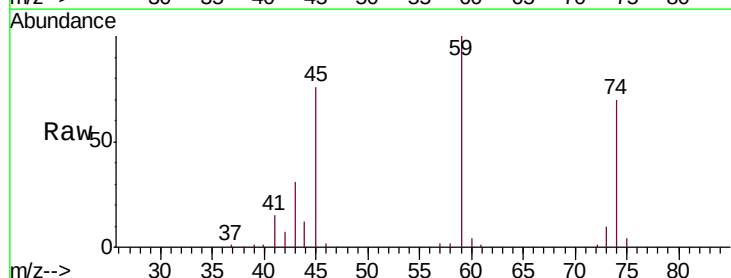
Tgt Ion: 101 Resp: 175025
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.0

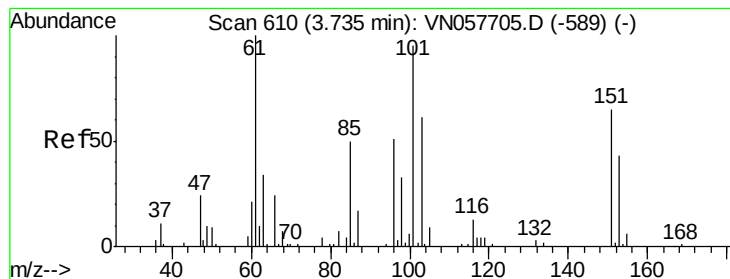


#8

Diethyl Ether
Concen: 44.710 ug/l
RT: 3.39 min Scan# 502
Delta R.T. -0.00 min
Lab File: VN057773.D
Acq: 7 Sep 2019 23:11

Tgt Ion: 74 Resp: 78866
Ion Ratio Lower Upper
74 100
45 113.9 55.4 166.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.887 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

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VSTDCCC050

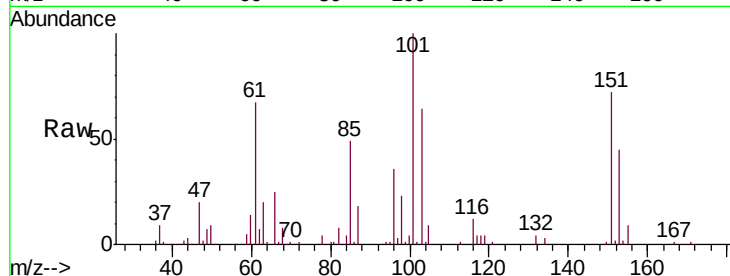
Tgt Ion:101 Resp: 123668

Ion Ratio Lower Upper

101 100

85 50.4 42.8 64.2

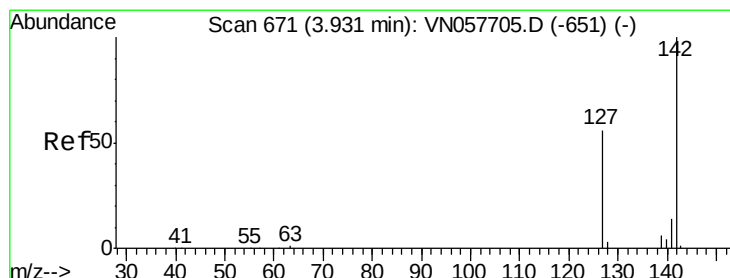
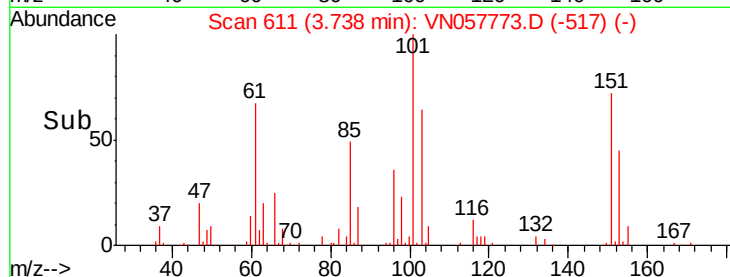
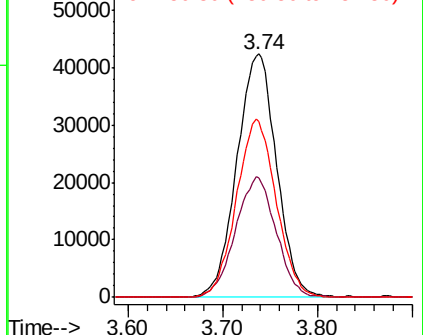
151 73.1 55.5 83.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.546 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

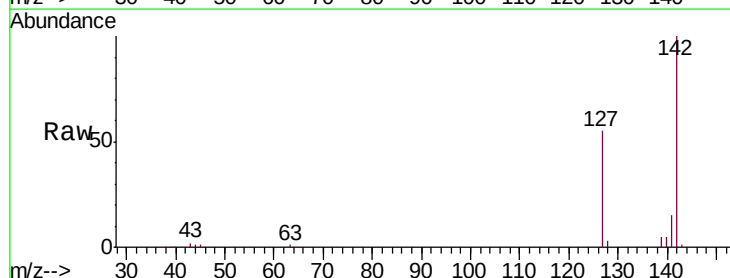
Tgt Ion:142 Resp: 151626

Ion Ratio Lower Upper

142 100

127 54.0 42.1 63.1

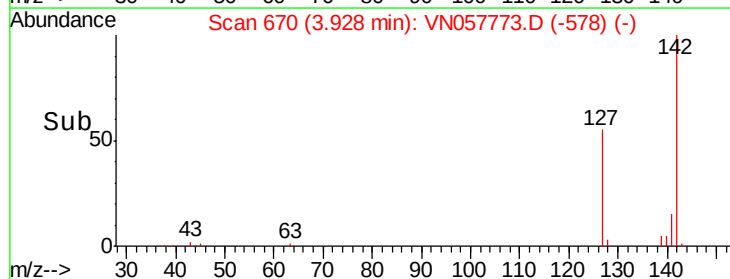
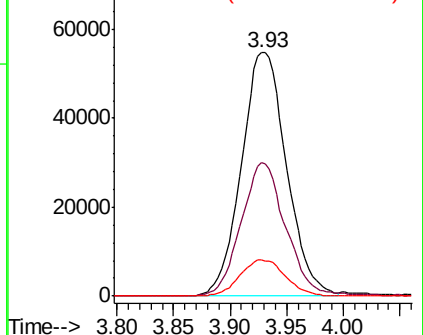
141 15.0 11.0 16.4

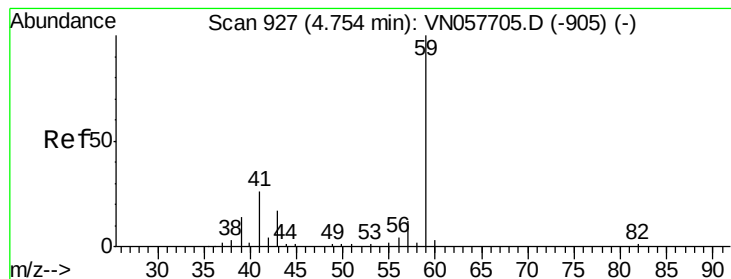


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



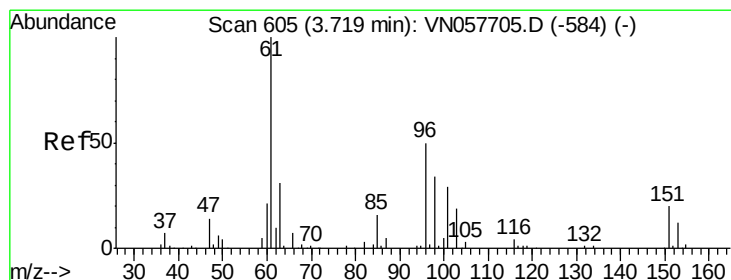
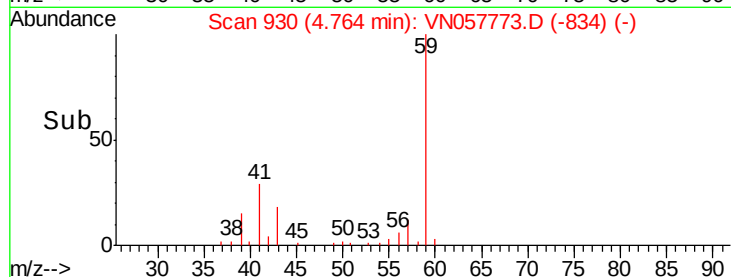
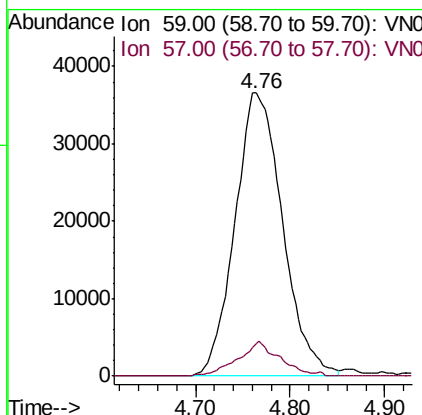
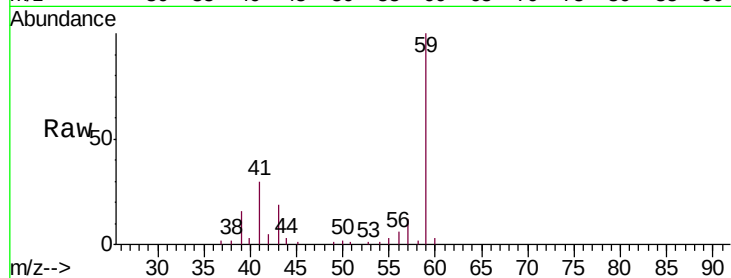


#11

Tert butyl alcohol
 Concen: 231.284 ug/l
 RT: 4.76 min Scan# 930
 Delta R.T. 0.01 min
 Lab File: VN057773.D
 Acq: 7 Sep 2019 23:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

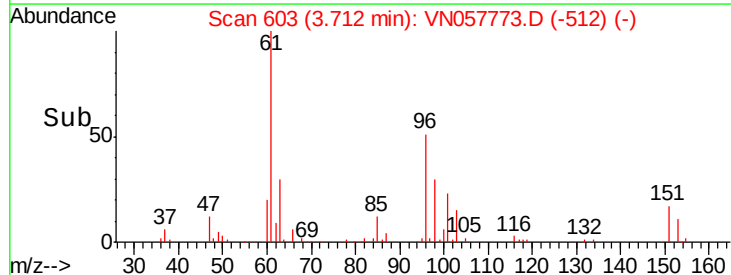
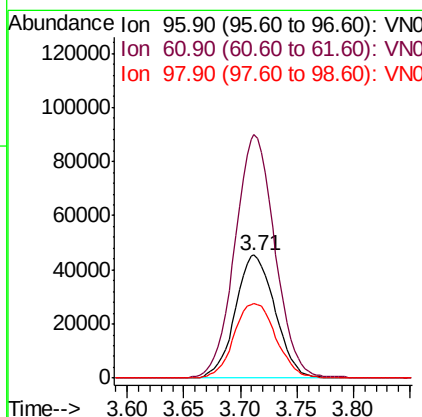
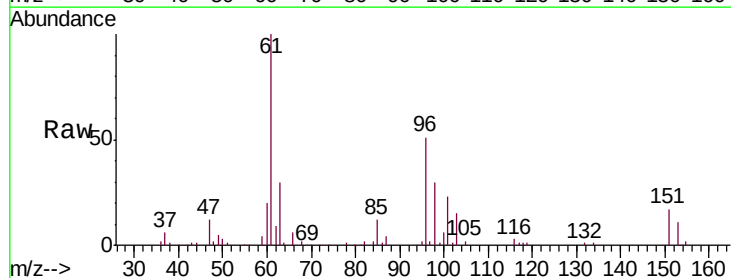
Tgt Ion: 59 Resp: 127863
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.9 13.3

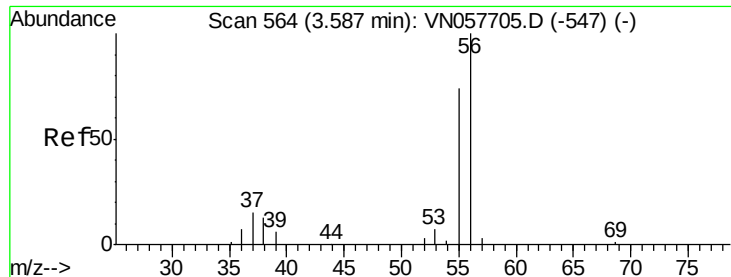


#12

1,1-Dichloroethene
 Concen: 44.816 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: VN057773.D
 Acq: 7 Sep 2019 23:11

Tgt Ion: 96 Resp: 111093
 Ion Ratio Lower Upper
 96 100
 61 197.3 158.7 238.1
 98 60.2 53.8 80.8





#13

Acrolein

Concen: 225.334 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

Instrument :

MSVOA_N

ClientSampleId :

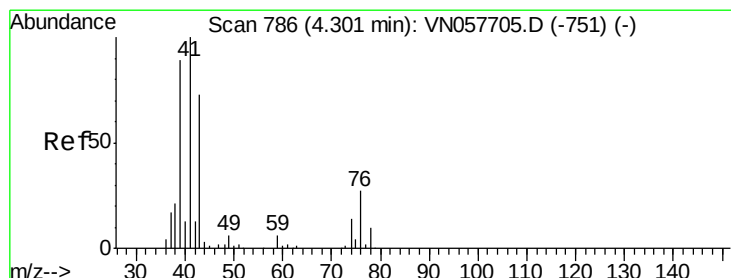
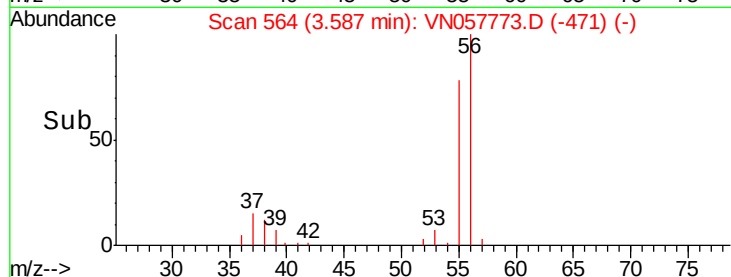
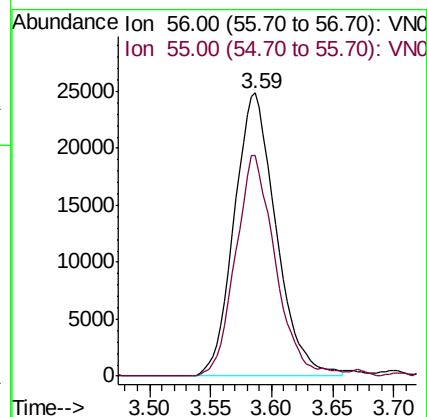
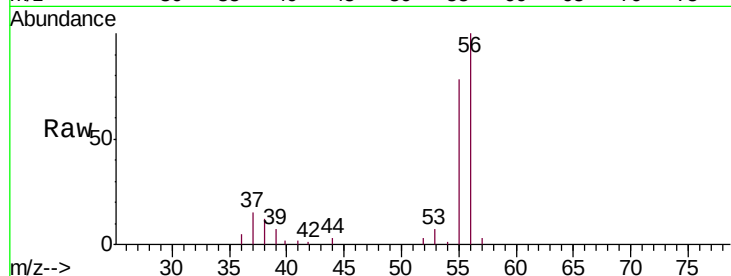
VSTDCCC050

Tgt Ion: 56 Resp: 59244

Ion Ratio Lower Upper

56 100

55 74.4 55.4 83.0



#14

Allyl chloride

Concen: 42.015 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

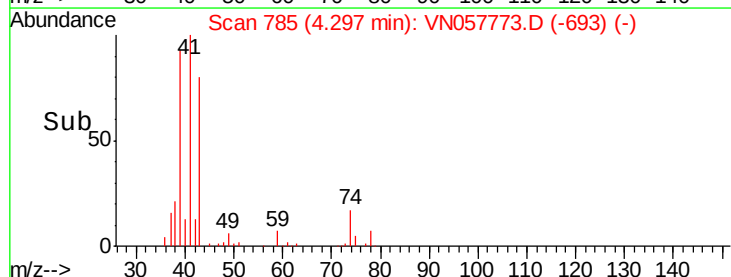
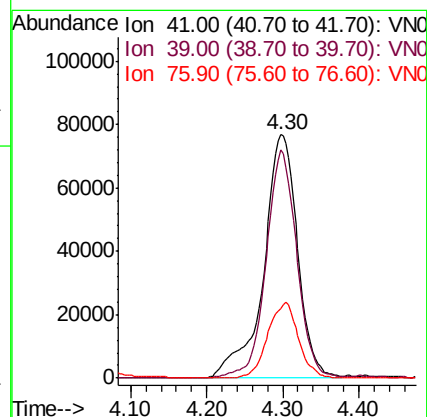
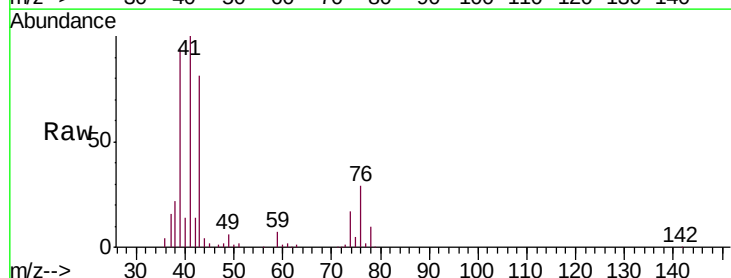
Tgt Ion: 41 Resp: 237998

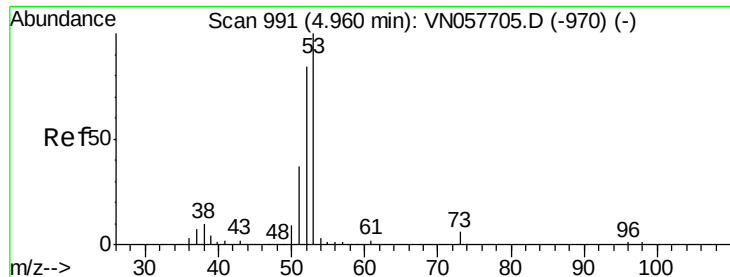
Ion Ratio Lower Upper

41 100

39 84.4 67.5 101.3

76 28.1 21.4 32.2





#15

Acrylonitrile

Concen: 247.217 ug/l

RT: 4.96 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

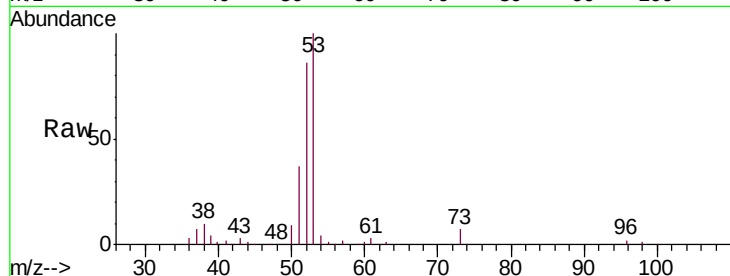
Tgt Ion: 53 Resp: 351376

Ion Ratio Lower Upper

53 100

52 82.7 68.1 102.1

51 38.0 30.4 45.6



Abundance Ion 53.00 (52.70 to 53.70): VN057773.D (-898) (-)

Ion 52.00 (51.70 to 52.70): VN057773.D (-898) (-)

Ion 51.00 (50.70 to 51.70): VN057773.D (-898) (-)

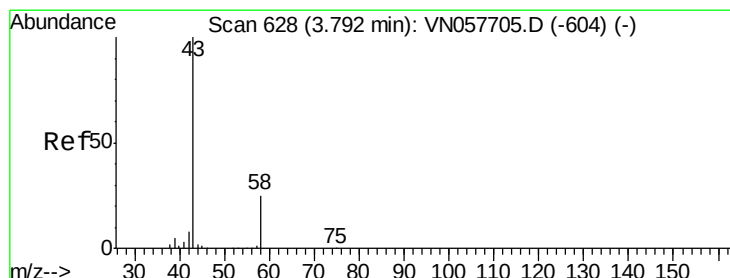
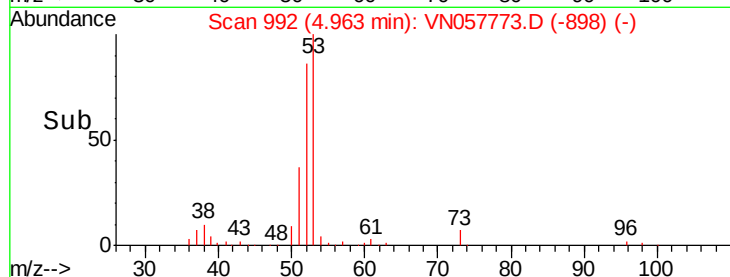
4.96

100000

50000

0

Time-->



#16

Acetone

Concen: 229.980 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN057773.D

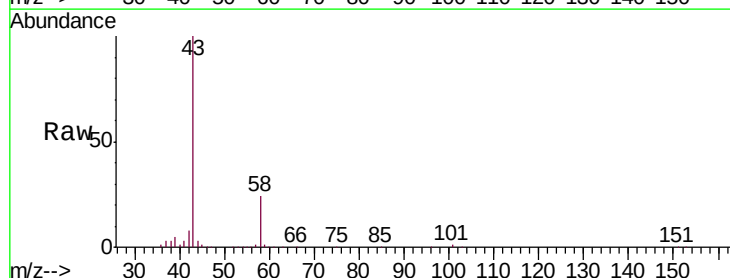
Acq: 7 Sep 2019 23:11

Tgt Ion: 43 Resp: 344366

Ion Ratio Lower Upper

43 100

58 24.0 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN057773.D (-535) (-)

Ion 58.00 (57.70 to 58.70): VN057773.D (-535) (-)

3.80

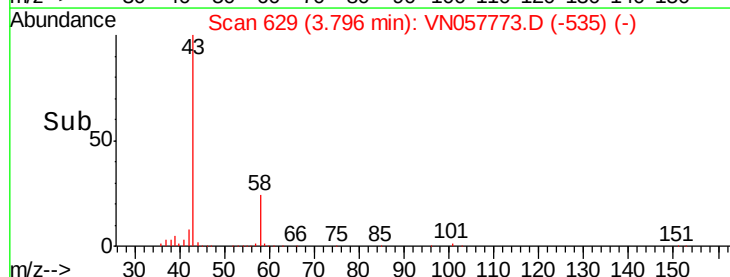
150000

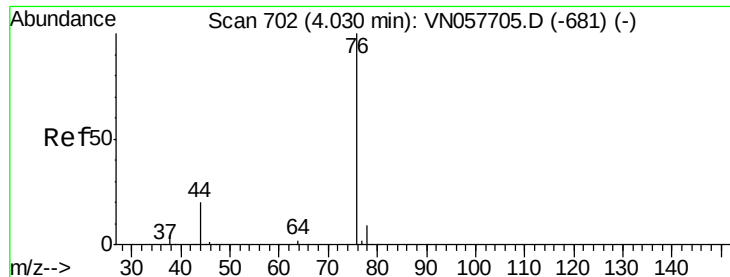
100000

50000

0

Time-->





#17

Carbon Disulfide

Concen: 41.324 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

Instrument :

MSVOA_N

ClientSampleId :

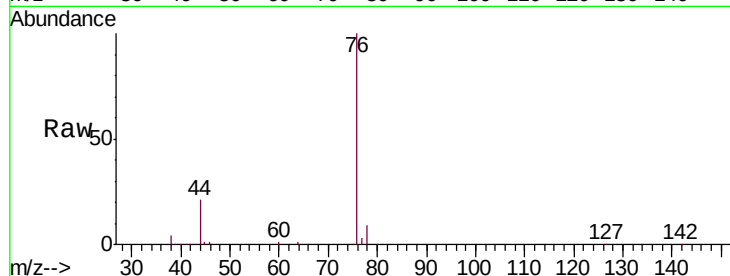
VSTDCCC050

Tgt Ion: 76 Resp: 232083

Ion Ratio Lower Upper

76 100

78 8.6 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VN057773.D (-609) (-)

Ion 77.90 (77.60 to 78.60): VN057773.D (-609) (-)

4.03

100000

80000

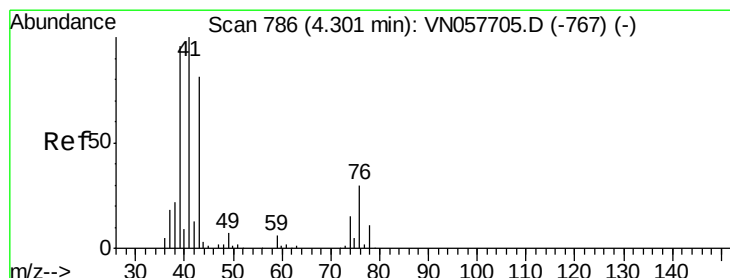
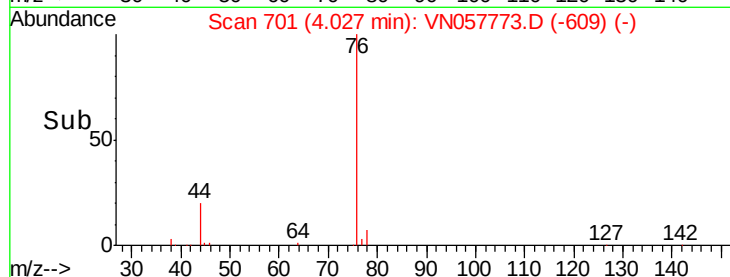
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 45.346 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.00 min

Lab File: VN057773.D

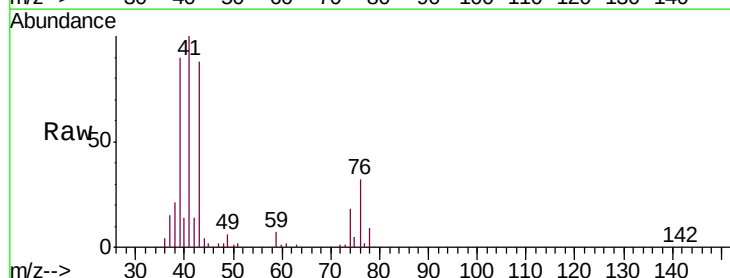
Acq: 7 Sep 2019 23:11

Tgt Ion: 43 Resp: 184648

Ion Ratio Lower Upper

43 100

74 19.7 15.3 22.9



Abundance Ion 43.00 (42.70 to 43.70): VN057773.D (-693) (-)

Ion 74.00 (73.70 to 74.70): VN057773.D (-693) (-)

4.30

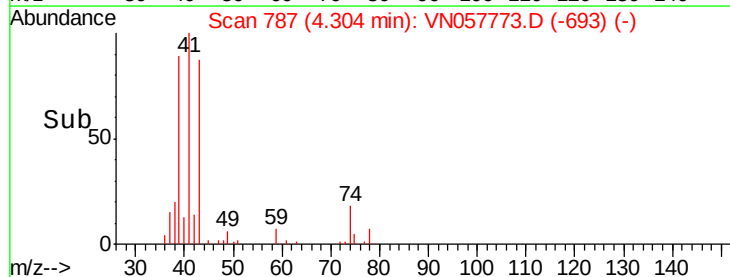
60000

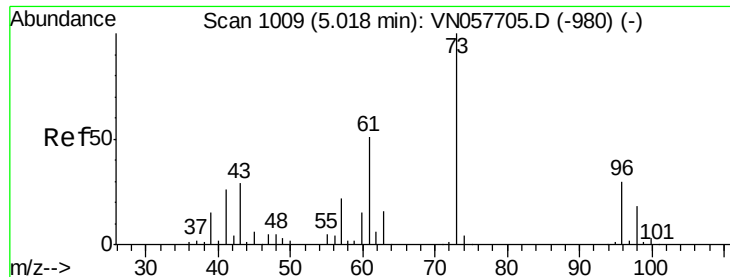
40000

20000

0

Time-->

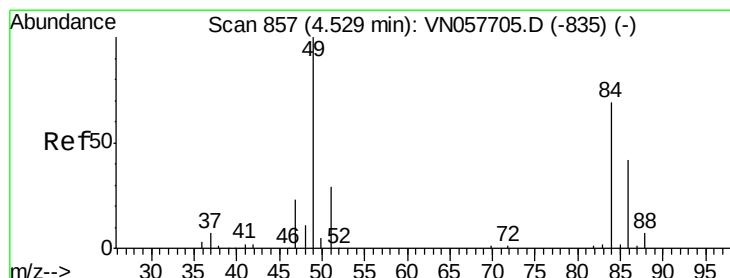
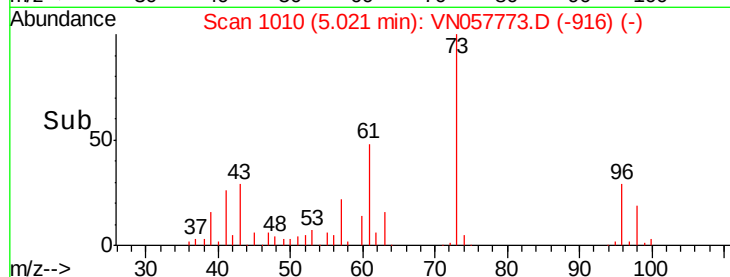
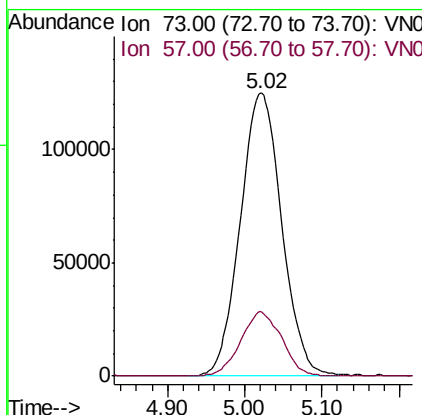
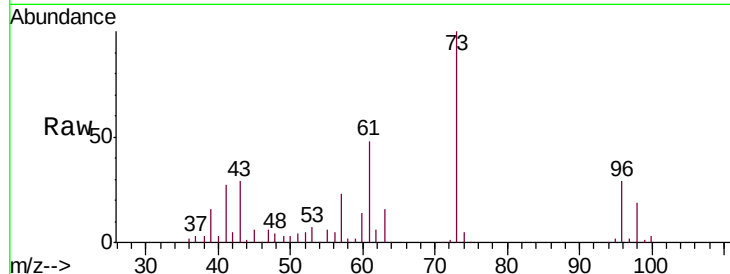




#19
Methyl tert-butyl Ether
Concen: 44.843 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN057773.D
Acq: 7 Sep 2019 23:11

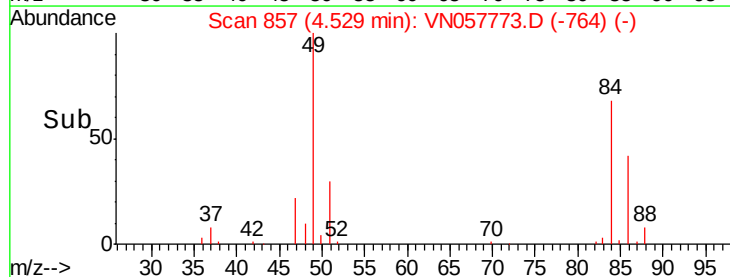
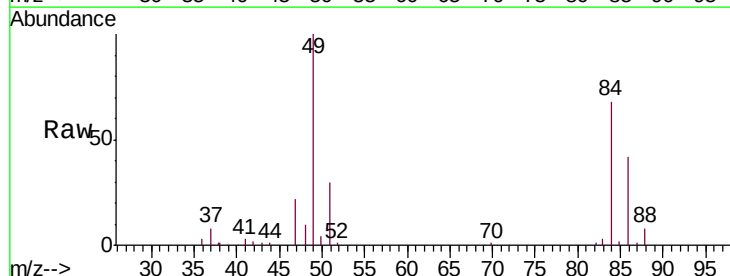
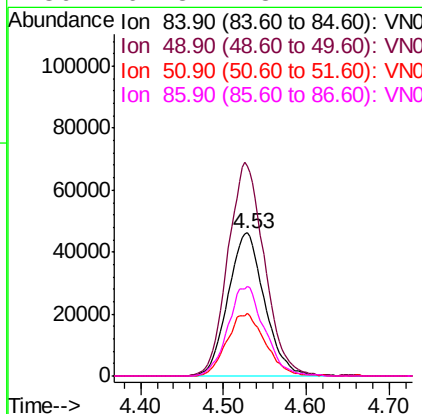
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

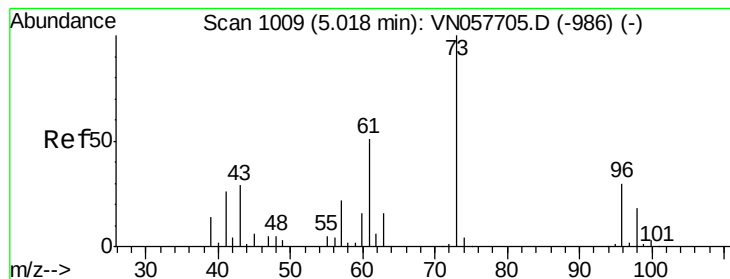
Tgt Ion: 73 Resp: 466672
Ion Ratio Lower Upper
73 100
57 22.8 17.7 26.5



#20
Methylene Chloride
Concen: 43.762 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN057773.D
Acq: 7 Sep 2019 23:11

Tgt Ion: 84 Resp: 141685
Ion Ratio Lower Upper
84 100
49 146.6 115.0 172.6
51 43.4 33.8 50.8
86 62.3 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 46.962 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. -0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

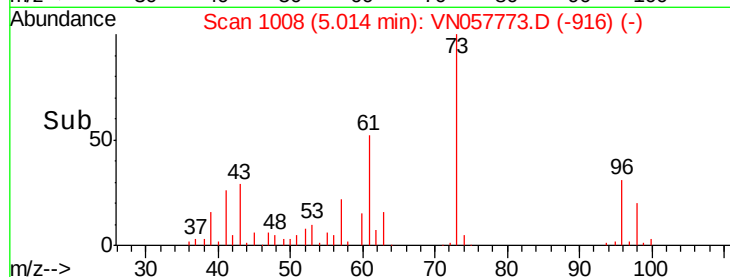
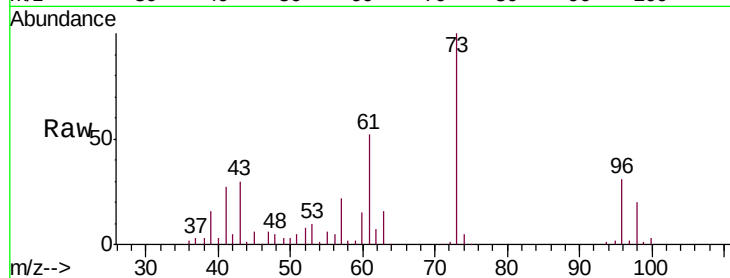
Tgt Ion: 96 Resp: 122494

Ion Ratio Lower Upper

96 100

61 166.5 135.8 203.8

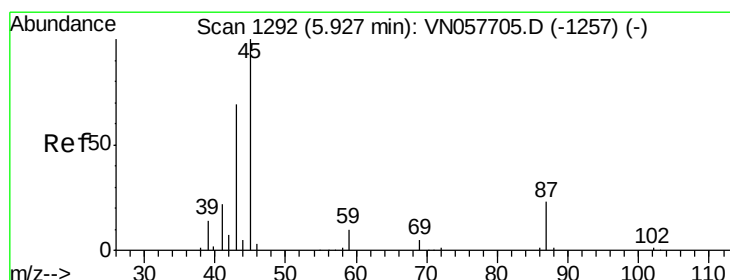
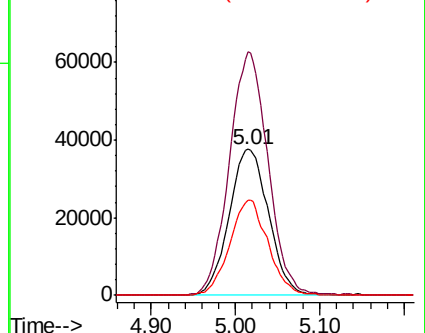
98 65.2 49.0 73.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 45.575 ug/l

RT: 5.93 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

Tgt Ion: 45 Resp: 546123

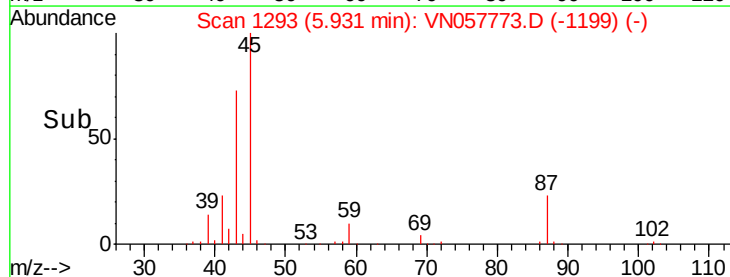
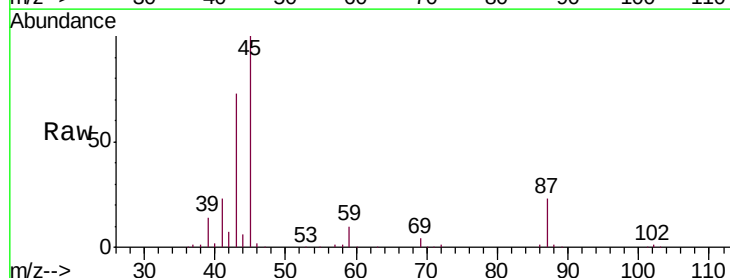
Ion Ratio Lower Upper

45 100

43 71.3 55.5 83.3

87 23.3 18.6 28.0

59 9.9 7.9 11.9

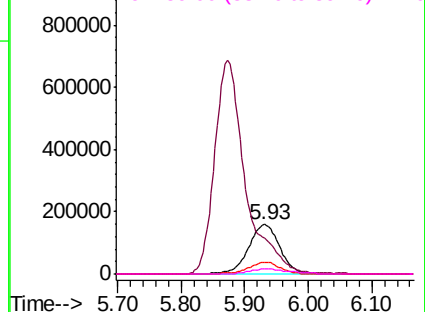


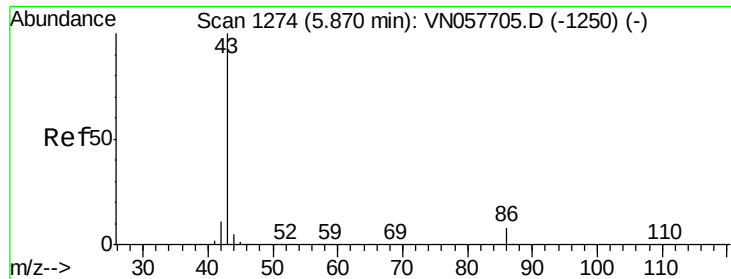
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 238.349 ug/l

RT: 5.87 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

Instrument :

MSVOA_N

ClientSampleId :

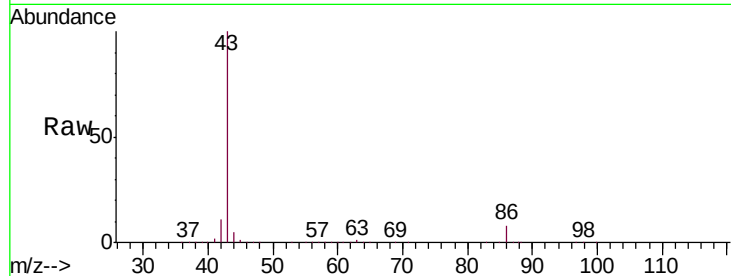
VSTDCCC050

Tgt Ion: 43 Resp: 2311763

Ion Ratio Lower Upper

43 100

86 7.8 6.2 9.4



Abundance Ion 43.00 (42.70 to 43.70): VN057773.D (-1181) (-)

Ion 86.00 (85.70 to 86.70): VN057773.D (-1181) (-)

5.87

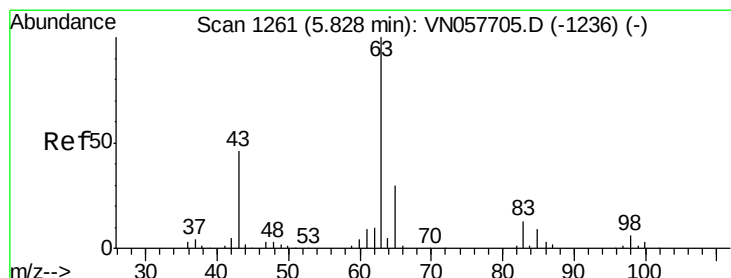
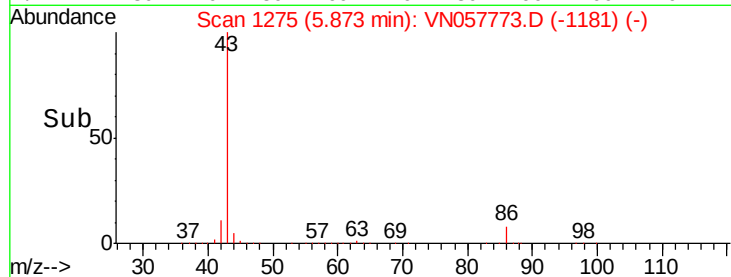
600000

400000

200000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 45.561 ug/l

RT: 5.83 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

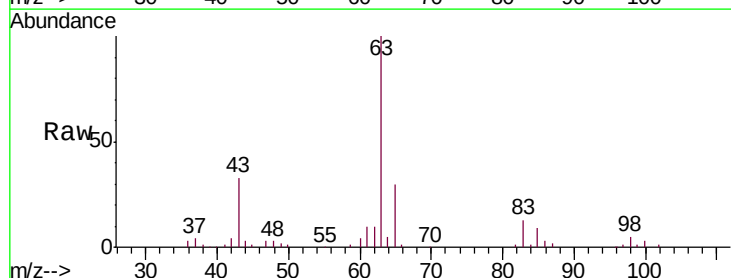
Tgt Ion: 63 Resp: 279934

Ion Ratio Lower Upper

63 100

98 5.1 2.9 8.8

100 3.5 1.7 5.0



Abundance Ion 62.90 (62.60 to 63.60): VN057773.D (-1168) (-)

Ion 97.90 (97.60 to 98.60): VN057773.D (-1168) (-)

Ion 99.90 (99.60 to 100.60): VN057773.D (-1168) (-)

5.83

120000

100000

80000

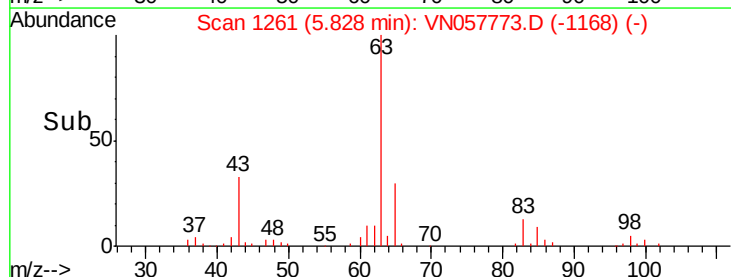
60000

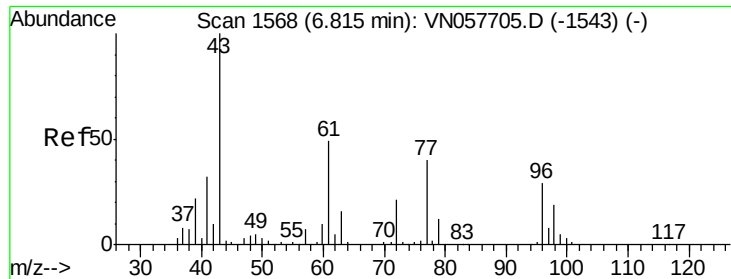
40000

20000

0

Time--> 5.70 5.80 5.90





#25

2-Butanone

Concen: 245.045 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

Instrument :

MSVOA_N

ClientSampleId :

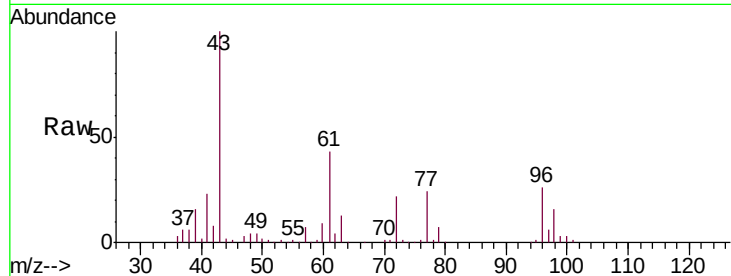
VSTDCCC050

Tgt Ion: 43 Resp: 525464

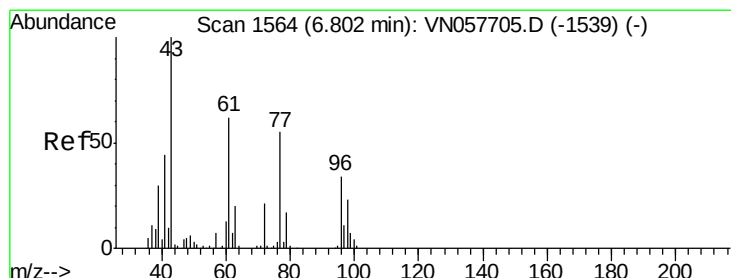
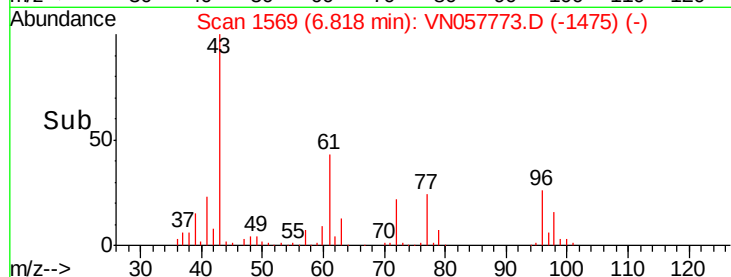
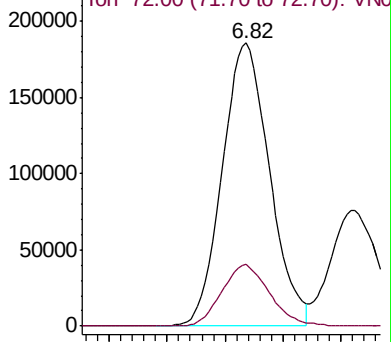
Ion Ratio Lower Upper

43 100

72 21.7 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VN057773.D (-1475) (-)



#26

2,2-Dichloropropane

Concen: 34.574 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN057773.D

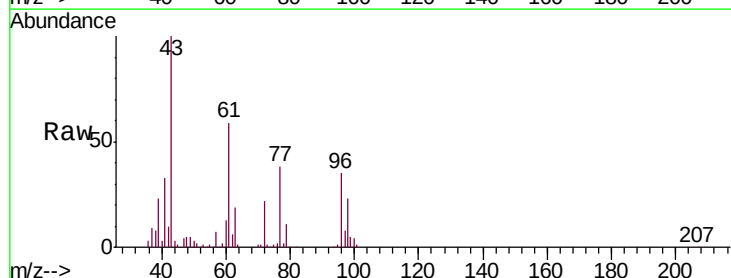
Acq: 7 Sep 2019 23:11

Tgt Ion: 77 Resp: 177217

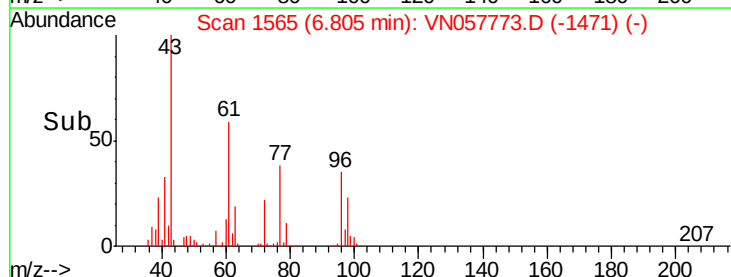
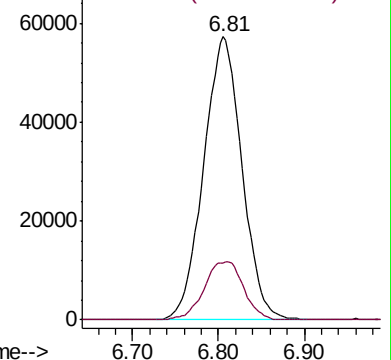
Ion Ratio Lower Upper

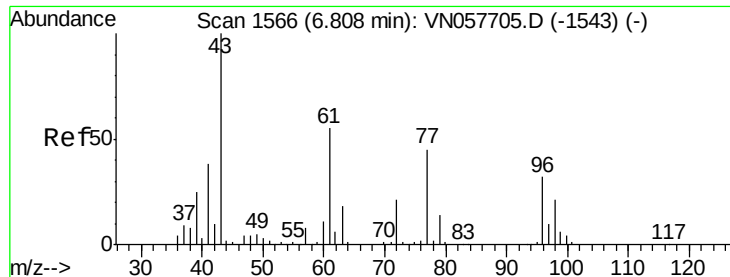
77 100

97 21.1 10.1 30.1



Abundance Ion 76.90 (76.60 to 77.60): VN057773.D (-1471) (-)

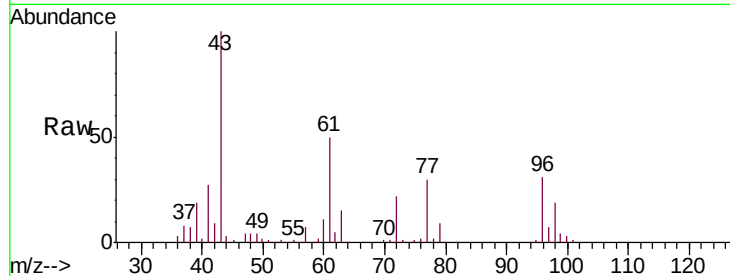




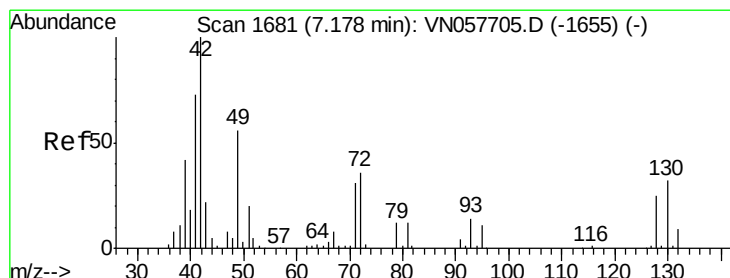
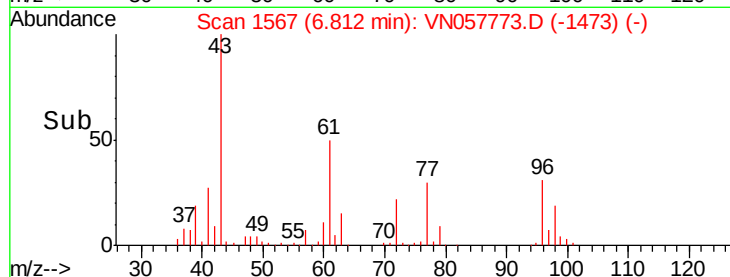
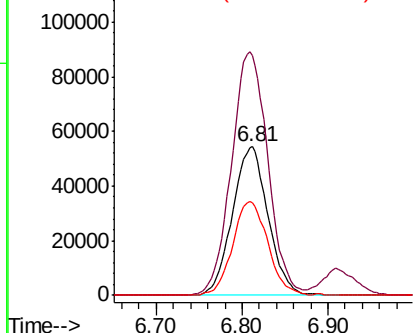
#27
 cis-1,2-Dichloroethene
 Concen: 47.899 ug/l
 RT: 6.81 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN057773.D
 Acq: 7 Sep 2019 23:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 156824
 Ion Ratio Lower Upper
 96 100
 61 166.8 0.0 360.6
 98 62.3 0.0 130.6

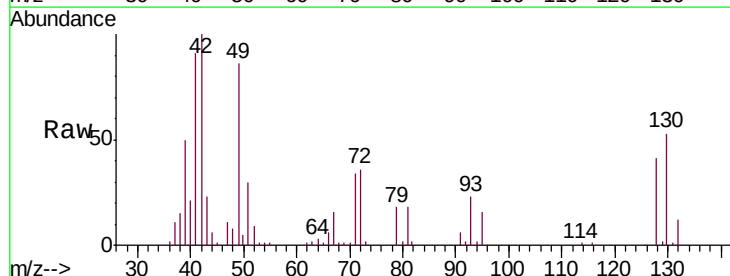


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

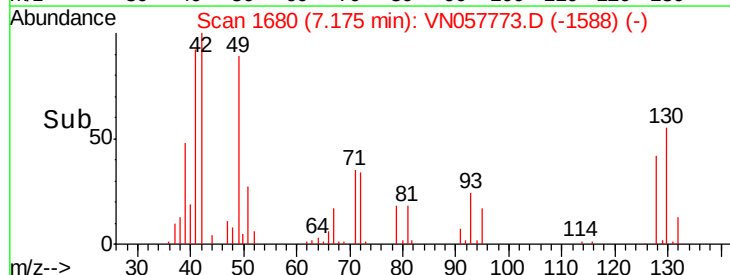
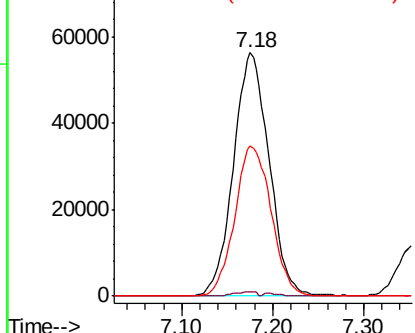


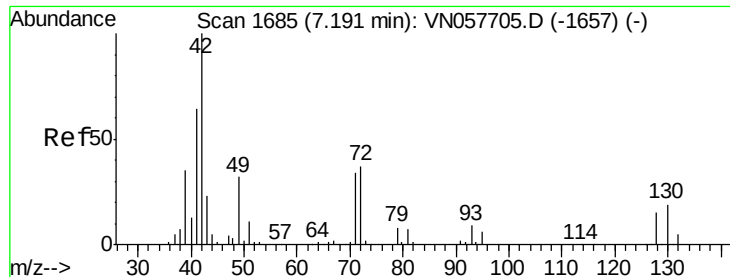
#28
 Bromochloromethane
 Concen: 47.606 ug/l
 RT: 7.18 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VN057773.D
 Acq: 7 Sep 2019 23:11

Tgt Ion: 49 Resp: 153043
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 2.4
 130 62.8 45.8 68.8



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





#29

Tetrahydrofuran

Concen: 242.200 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

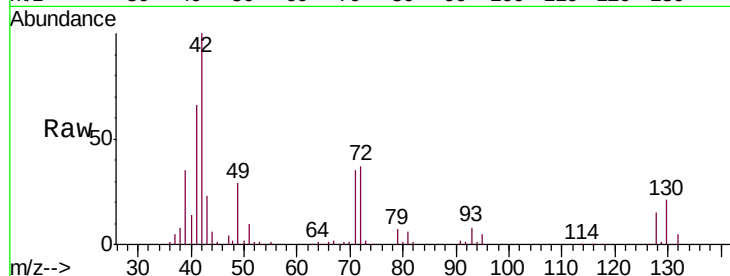
Tgt Ion: 42 Resp: 334936

Ion Ratio Lower Upper

42 100

72 36.8 29.2 43.8

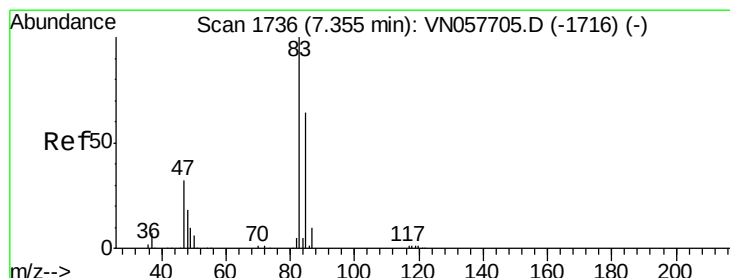
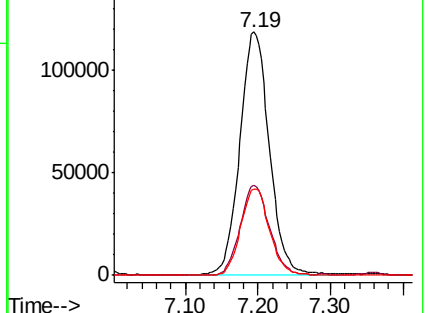
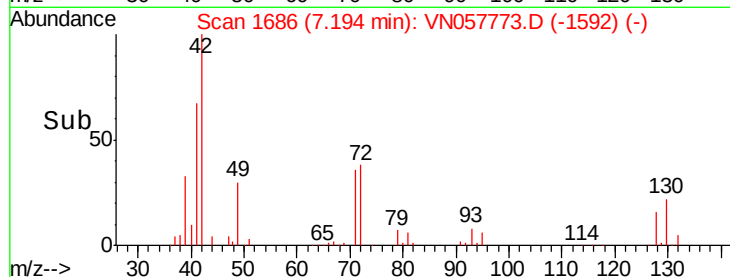
71 34.8 27.0 40.4



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: 46.432 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VN057773.D

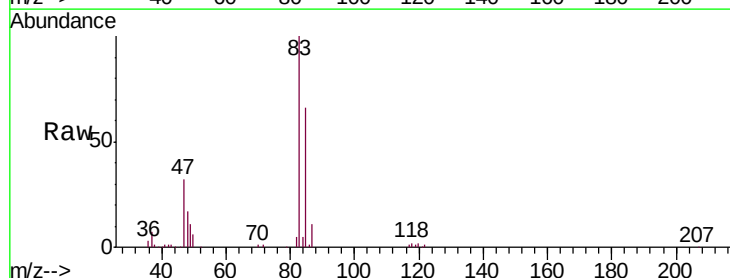
Acq: 7 Sep 2019 23:11

Tgt Ion: 83 Resp: 297273

Ion Ratio Lower Upper

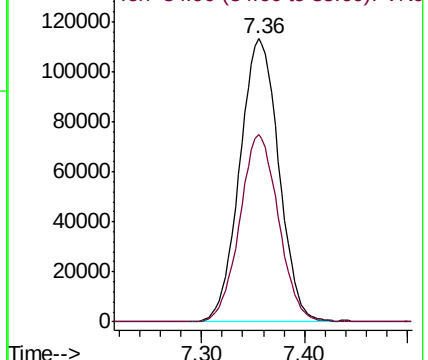
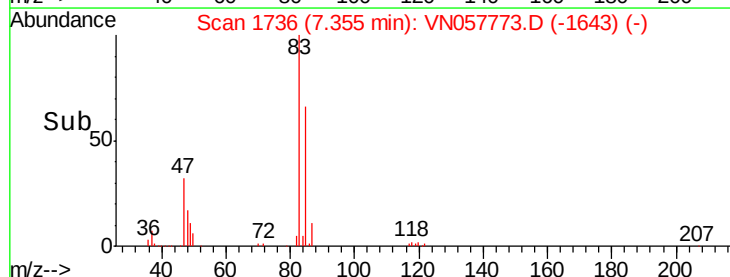
83 100

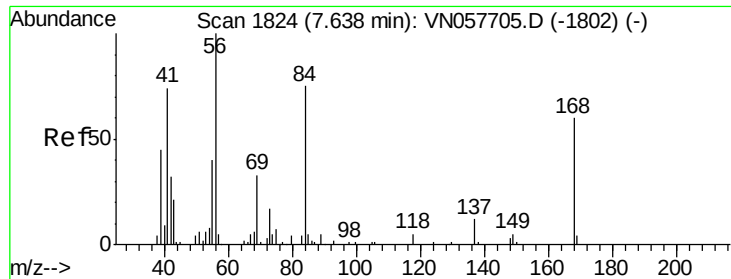
85 66.0 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

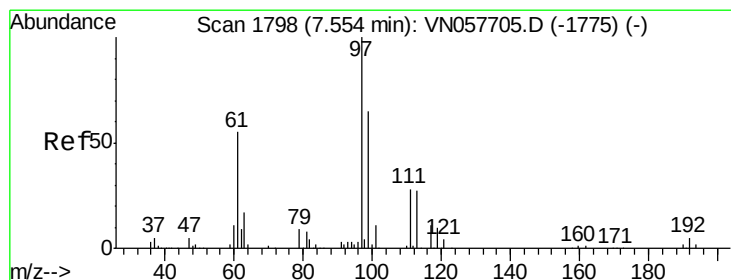
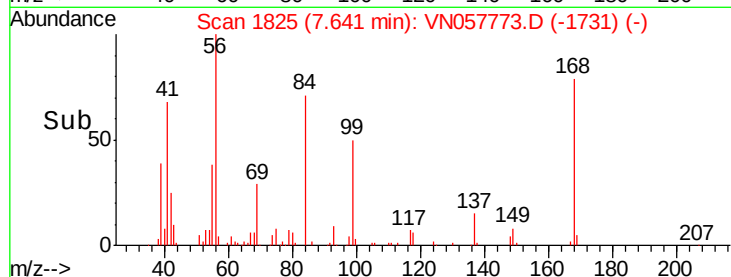
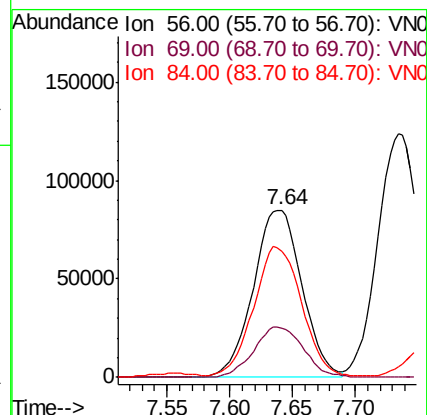
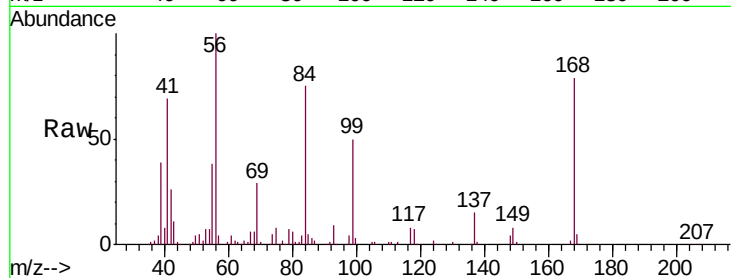




#31
Cyclohexane
Concen: 42.106 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN057773.D
Acq: 7 Sep 2019 23:11

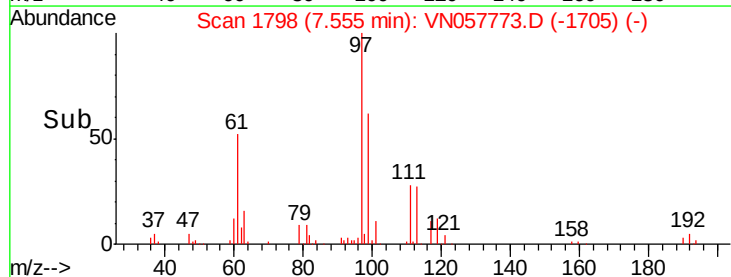
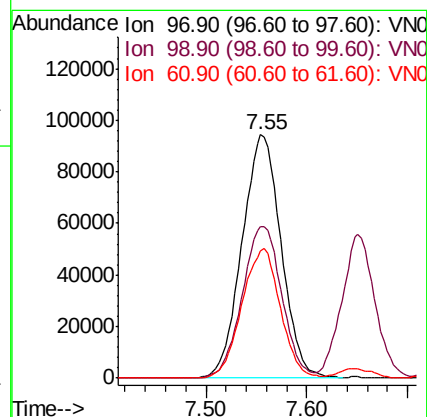
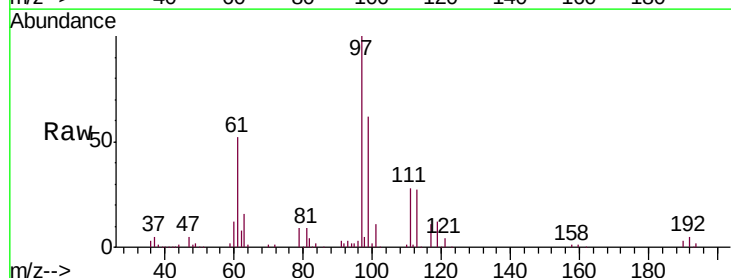
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

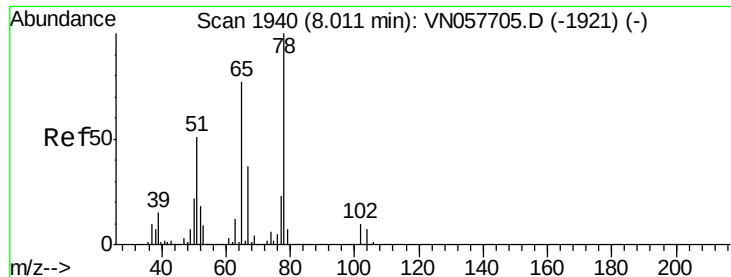
Tgt Ion: 56 Resp: 229955
Ion Ratio Lower Upper
56 100
69 29.4 26.2 39.2
84 73.6 59.8 89.8



#32
1,1,1-Trichloroethane
Concen: 47.551 ug/l
RT: 7.55 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VN057773.D
Acq: 7 Sep 2019 23:11

Tgt Ion: 97 Resp: 253580
Ion Ratio Lower Upper
97 100
99 63.1 51.2 76.8
61 52.4 42.8 64.2

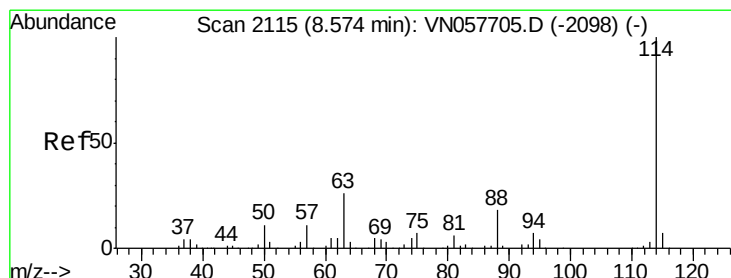
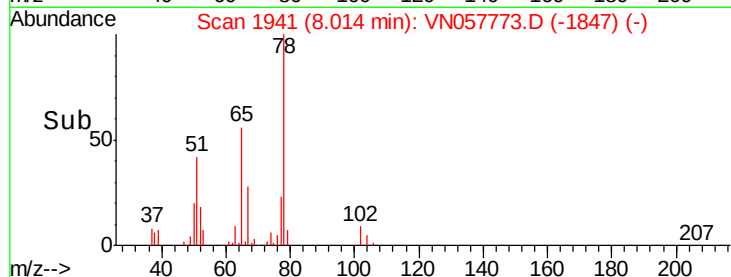
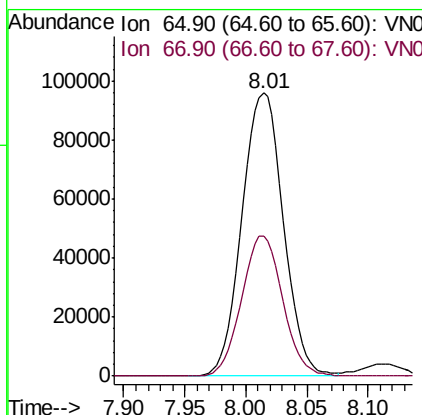
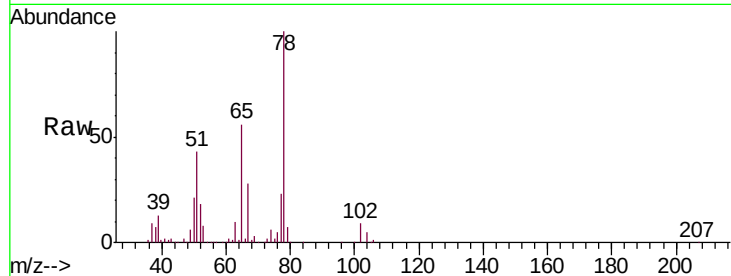




#33
 1,2-Dichloroethane-d4
 Concen: 46.359 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057773.D
 Acq: 7 Sep 2019 23:11

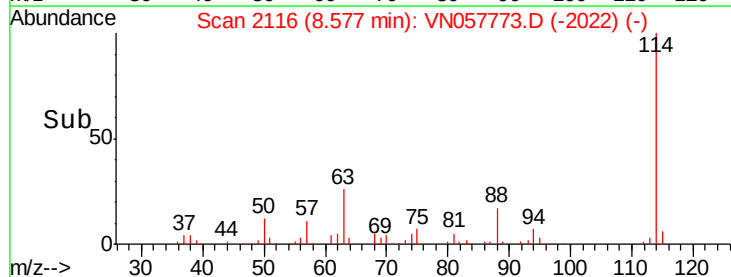
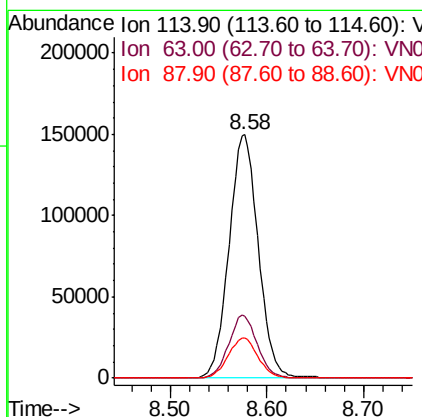
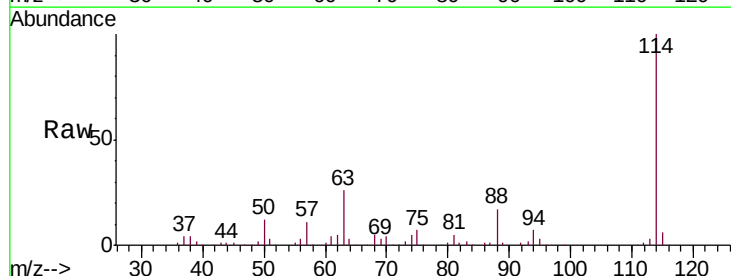
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

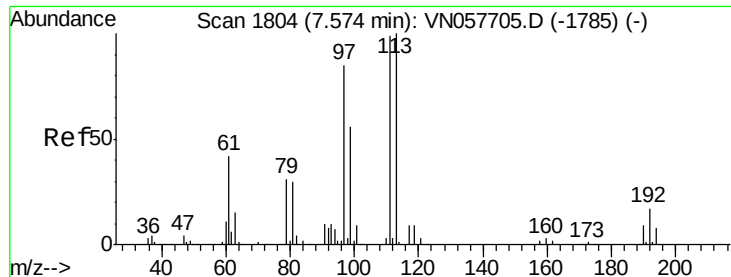
Tgt Ion: 65 Resp: 225572
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057773.D
 Acq: 7 Sep 2019 23:11

Tgt Ion: 114 Resp: 314201
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 52.4
 88 16.6 0.0 35.4

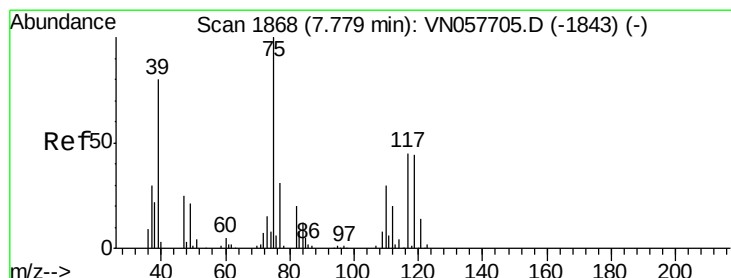
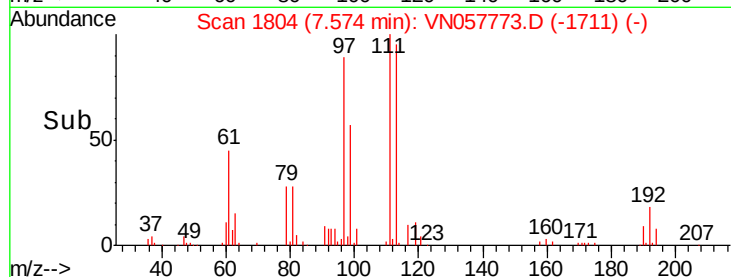
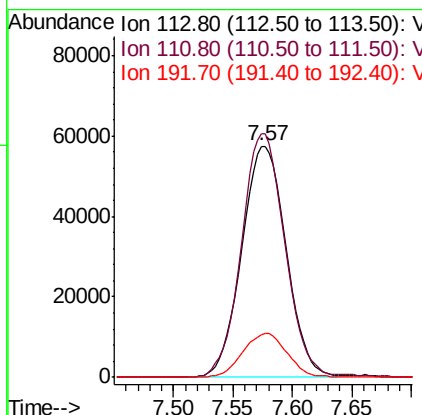
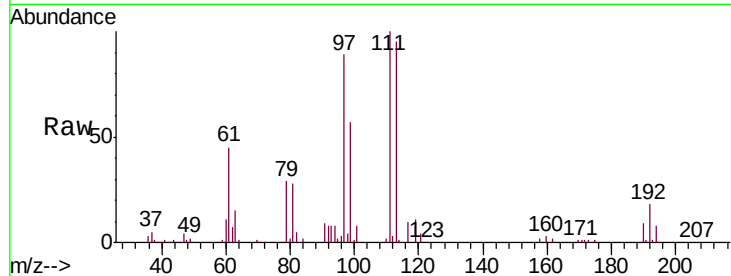




#35
 Dibromofluoromethane
 Concen: 51.900 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057773.D
 Acq: 7 Sep 2019 23:11

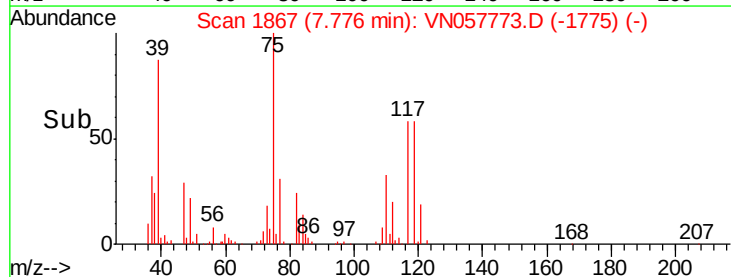
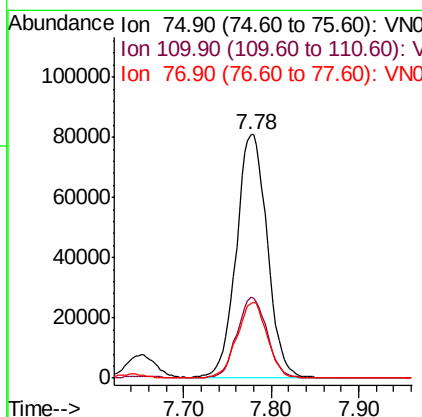
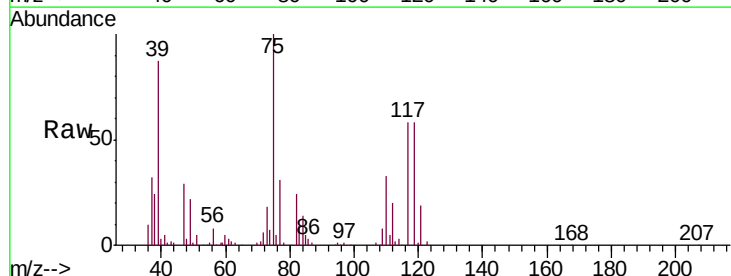
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

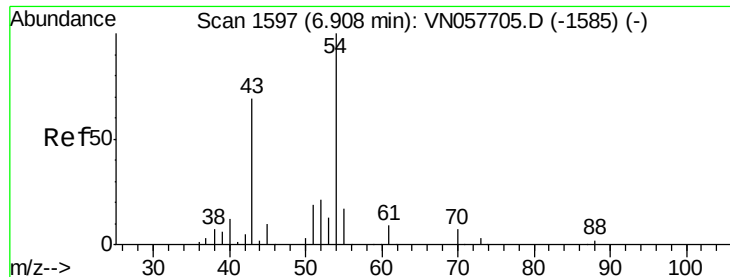
Tgt Ion: 113 Resp: 148532
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.7 124.1
 192 18.9 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 47.486 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN057773.D
 Acq: 7 Sep 2019 23:11

Tgt Ion: 75 Resp: 198490
 Ion Ratio Lower Upper
 75 100
 110 32.5 15.0 45.0
 77 30.6 24.6 37.0

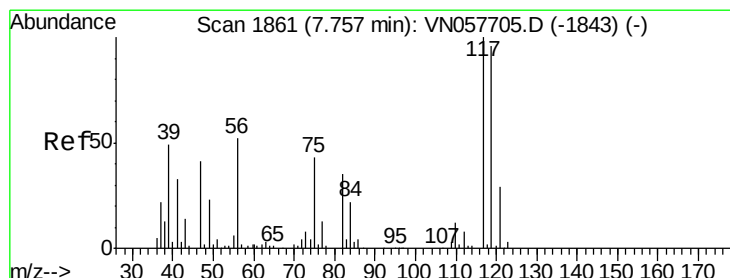
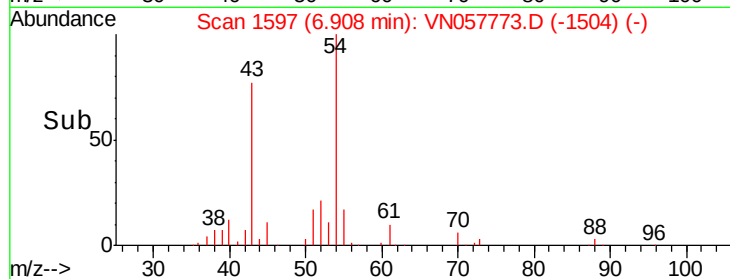
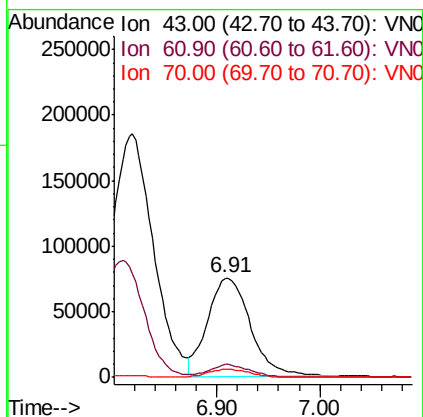
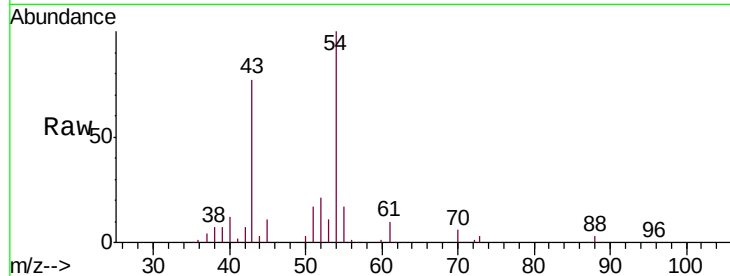




#37
 Ethyl Acetate
 Concen: 52.507 ug/l
 RT: 6.91 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: VN057773.D
 Acq: 7 Sep 2019 23:11

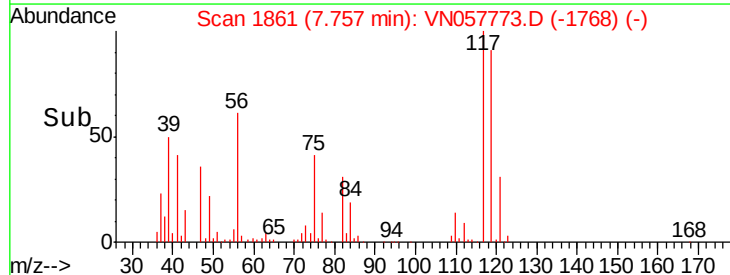
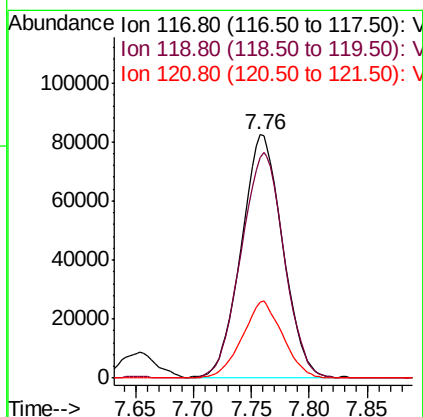
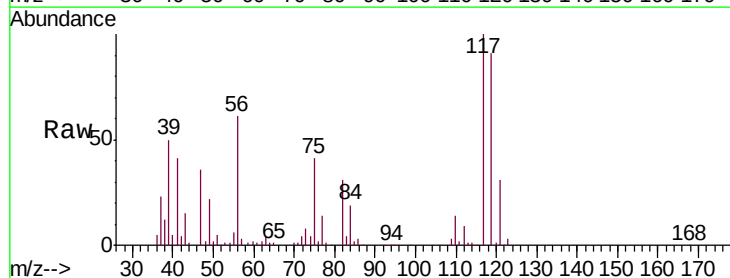
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

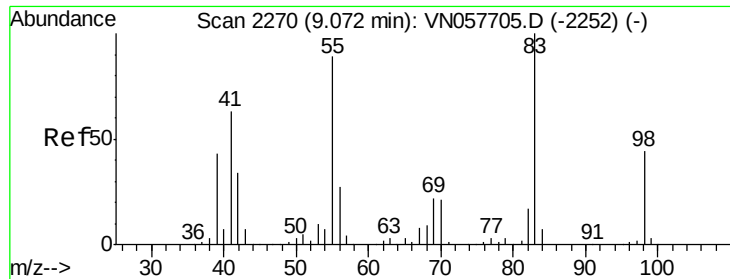
Tgt Ion: 43 Resp: 217890
 Ion Ratio Lower Upper
 43 100
 61 11.8 9.8 14.8
 70 8.2 6.7 10.1



#38
 Carbon Tetrachloride
 Concen: 50.881 ug/l
 RT: 7.76 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VN057773.D
 Acq: 7 Sep 2019 23:11

Tgt Ion: 117 Resp: 203646
 Ion Ratio Lower Upper
 117 100
 119 90.9 76.1 114.1
 121 31.4 23.4 35.2

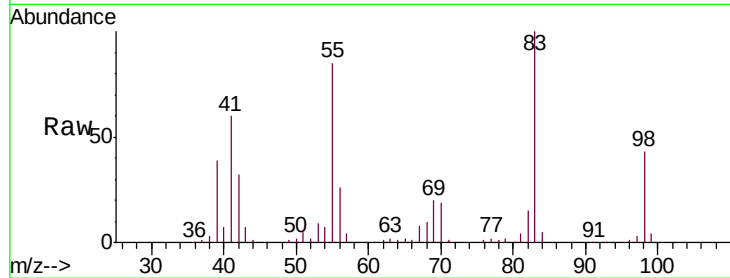




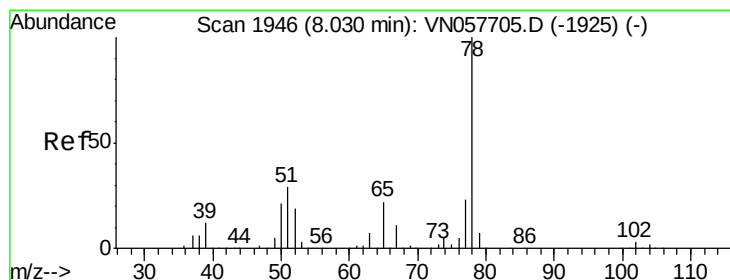
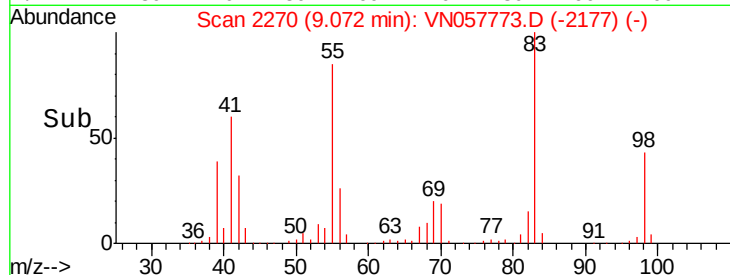
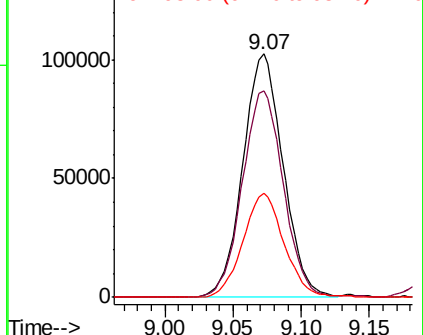
#39
Methylcyclohexane
Concen: 47.501 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN057773.D
Acq: 7 Sep 2019 23:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 210016
Ion Ratio Lower Upper
83 100
55 84.9 71.4 107.0
98 42.6 35.3 52.9

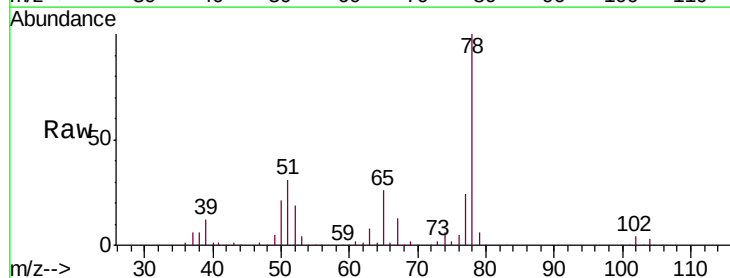


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

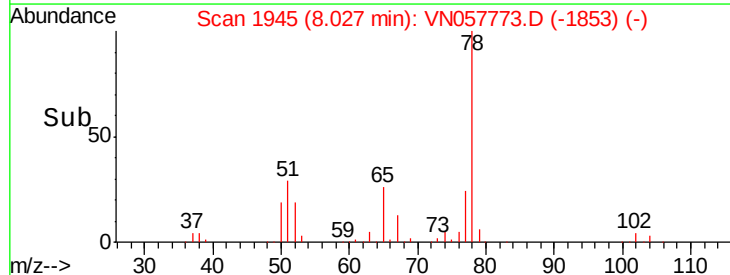
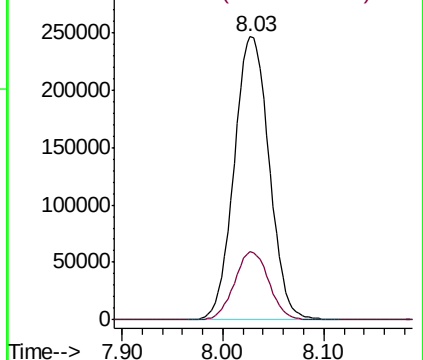


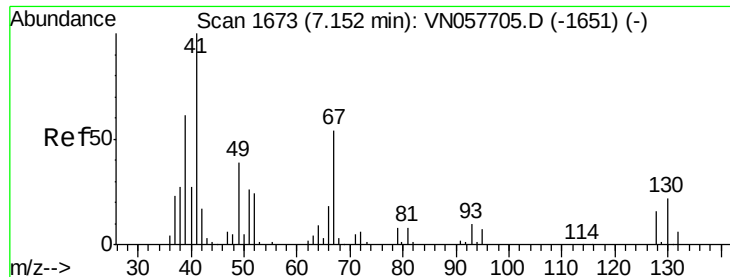
#40
Benzene
Concen: 50.221 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN057773.D
Acq: 7 Sep 2019 23:11

Tgt Ion: 78 Resp: 593756
Ion Ratio Lower Upper
78 100
77 24.0 18.6 28.0



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

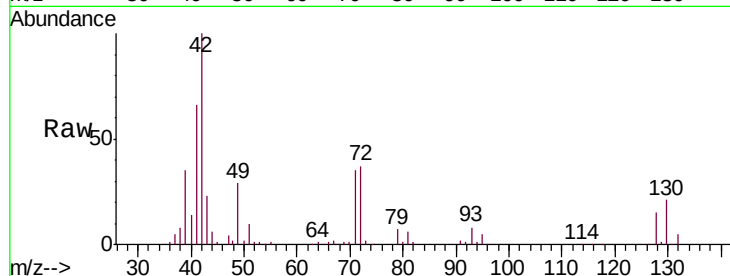




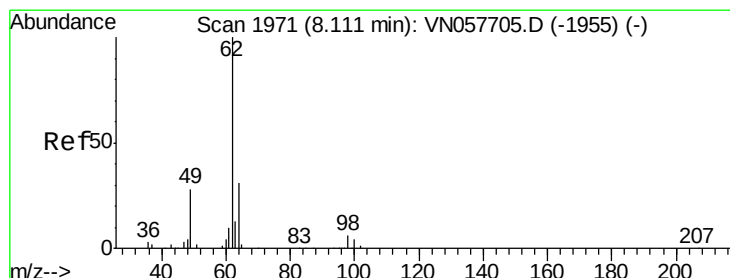
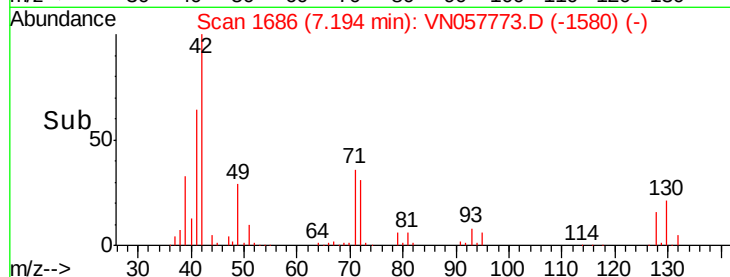
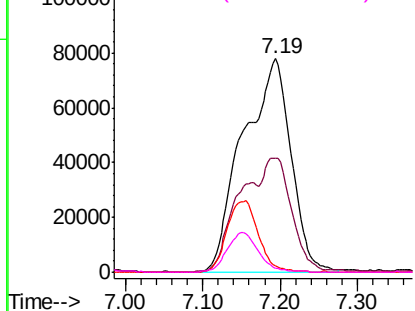
#41
Methacrylonitrile
Concen: 165.348 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.04 min
Lab File: VN057773.D
Acq: 7 Sep 2019 23:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	335406
Ion	Ratio	Lower	Upper
41	100		
39	0.0	43.6	65.4#
67	0.0	59.8	89.6#
52	0.0	30.7	46.1#

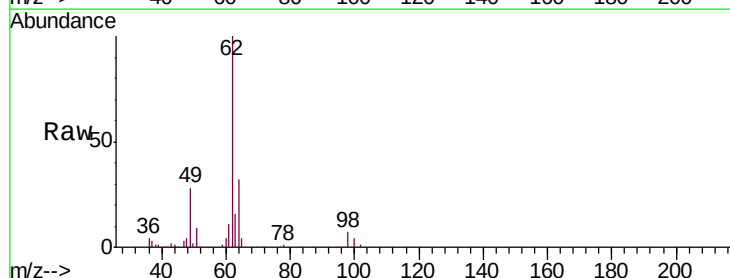


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

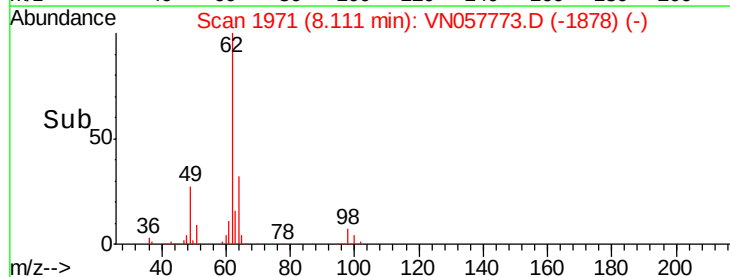
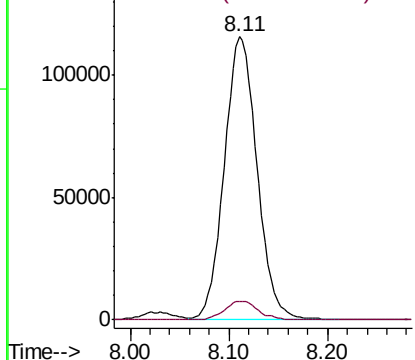


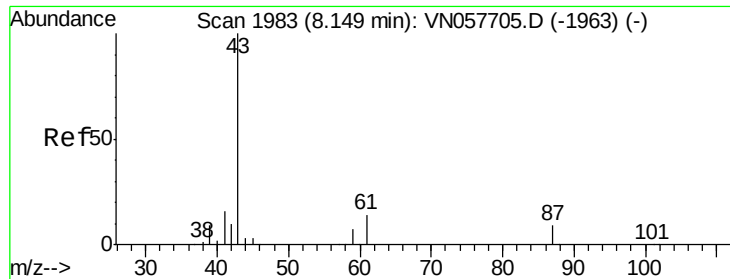
#42
1,2-Dichloroethane
Concen: 48.153 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VN057773.D
Acq: 7 Sep 2019 23:11

Tgt Ion:	62	Resp:	266857
Ion	Ratio	Lower	Upper
62	100		
98	6.9	0.0	12.6



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





#43

Isopropyl Acetate

Concen: 49.345 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

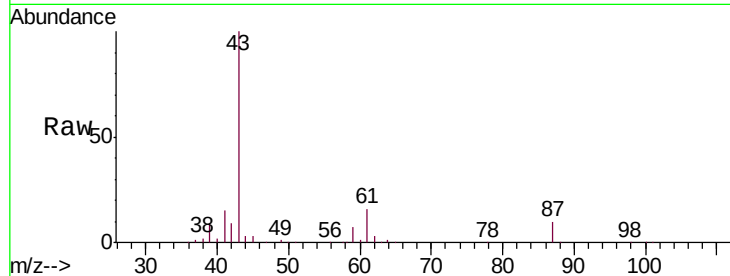
Tgt Ion: 43 Resp: 393041

Ion Ratio Lower Upper

43 100

61 15.9 12.8 19.2

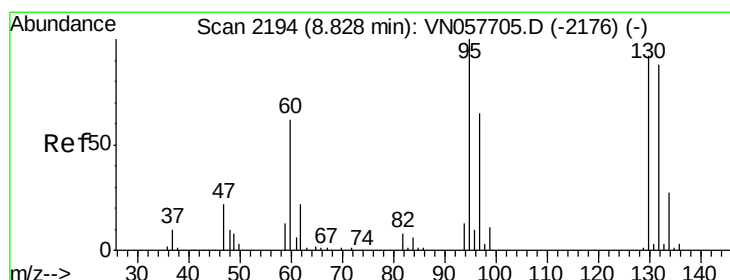
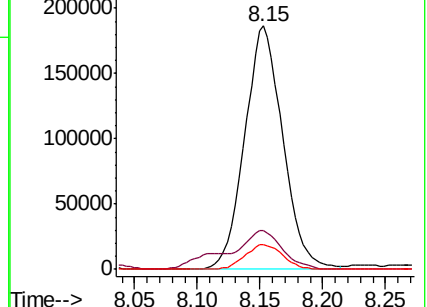
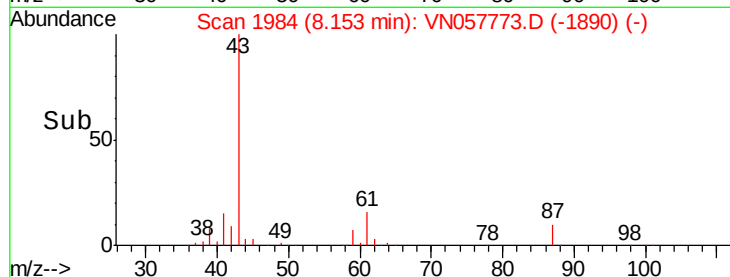
87 10.4 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN057773.D (-1890) (-)

Ion 61.00 (60.70 to 61.70): VN057773.D (-1890) (-)

Ion 87.00 (86.70 to 87.70): VN057773.D (-1890) (-)



#44

Trichloroethene

Concen: 53.800 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VN057773.D

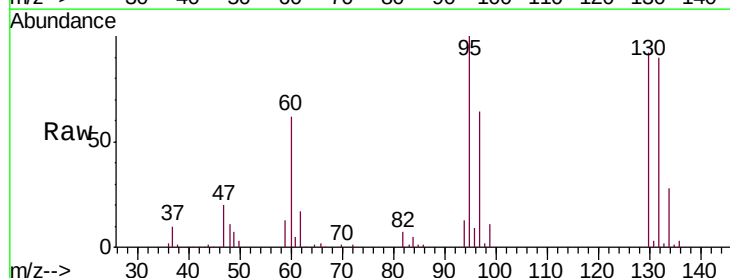
Acq: 7 Sep 2019 23:11

Tgt Ion: 130 Resp: 142959

Ion Ratio Lower Upper

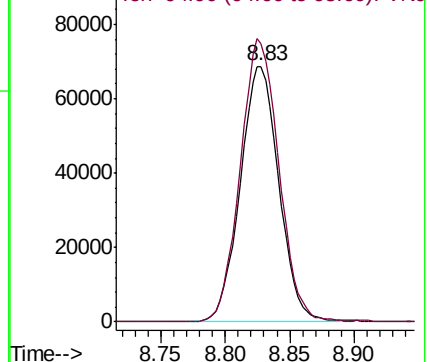
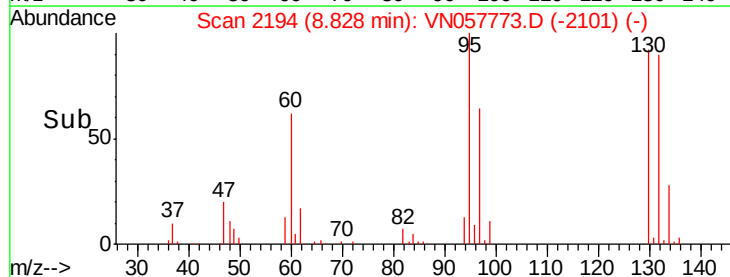
130 100

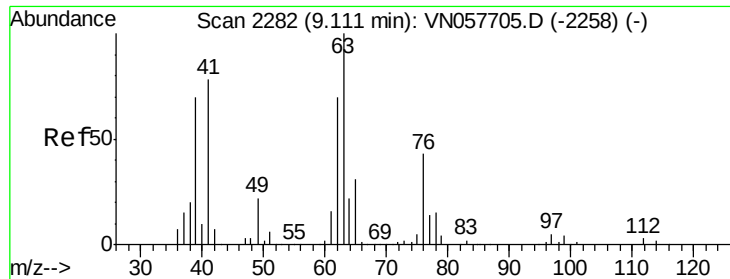
95 108.7 0.0 217.8



Abundance Ion 129.80 (129.50 to 130.50): VN057773.D (-2101) (-)

Ion 94.90 (94.60 to 95.60): VN057773.D (-2101) (-)

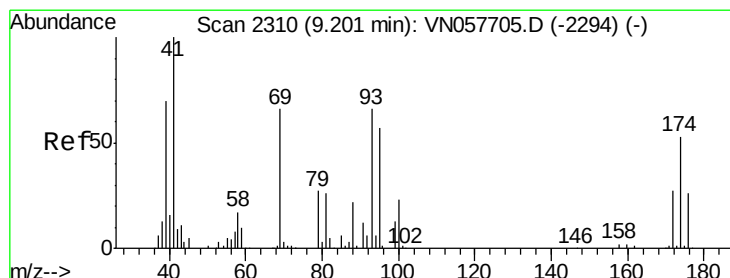
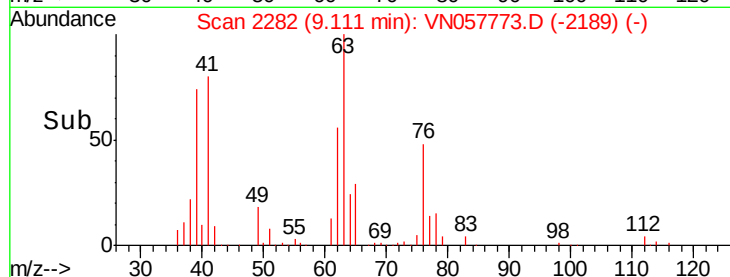
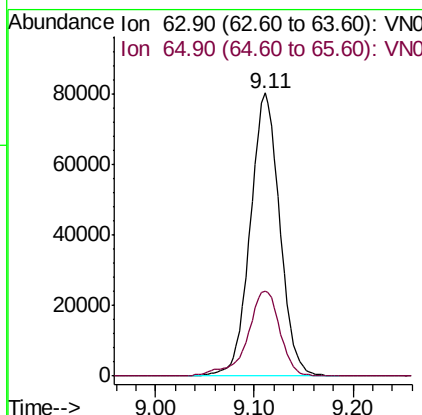
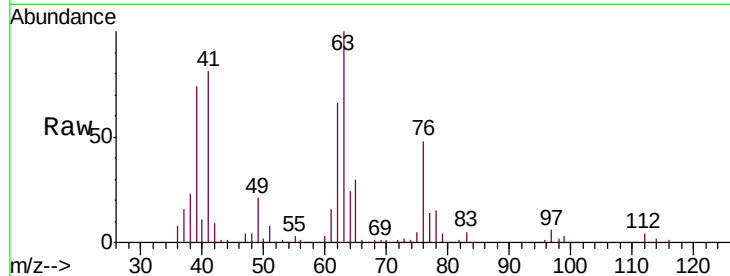




#45
 1,2-Dichloropropane
 Concen: 49.874 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057773.D
 Acq: 7 Sep 2019 23:11

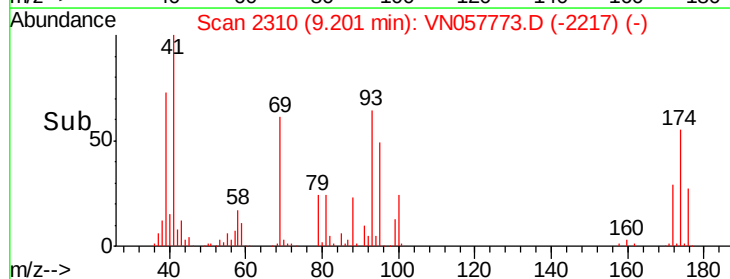
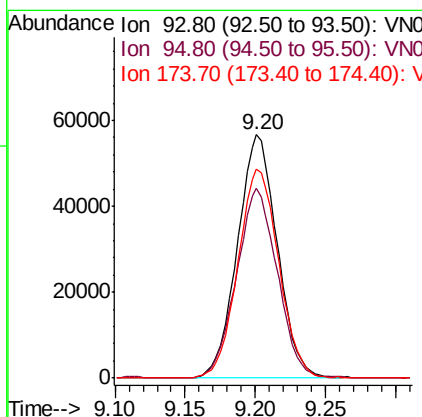
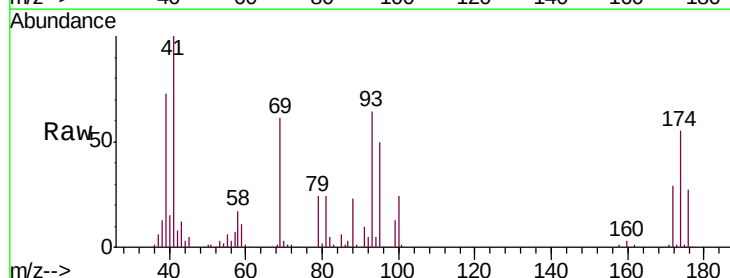
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

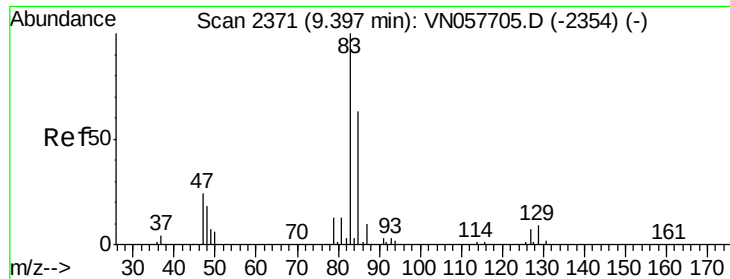
Tgt Ion: 63 Resp: 164915
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.5 36.7



#46
 Dibromomethane
 Concen: 52.794 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057773.D
 Acq: 7 Sep 2019 23:11

Tgt Ion: 93 Resp: 111980
 Ion Ratio Lower Upper
 93 100
 95 80.0 66.1 99.1
 174 87.9 63.4 95.2





#47

Bromodichloromethane

Concen: 50.460 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

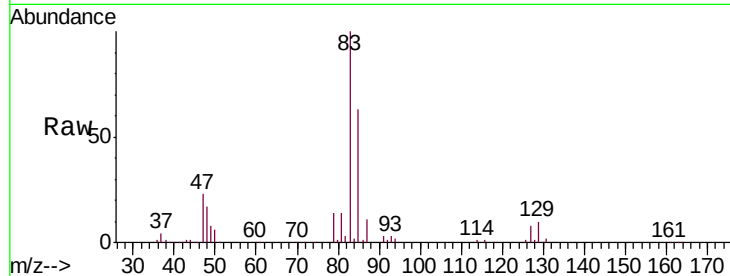
Tgt Ion: 83 Resp: 227458

Ion Ratio Lower Upper

83 100

85 63.1 50.7 76.1

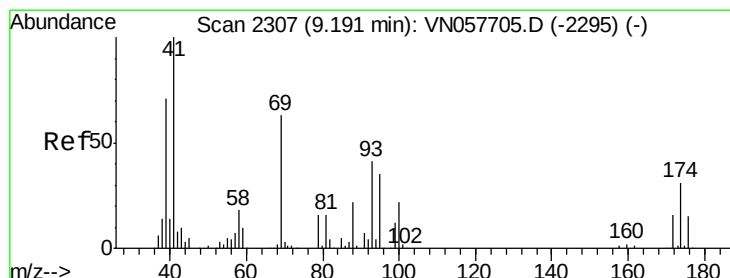
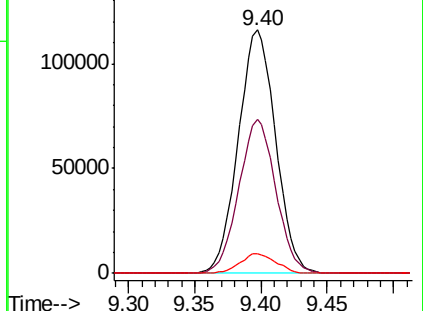
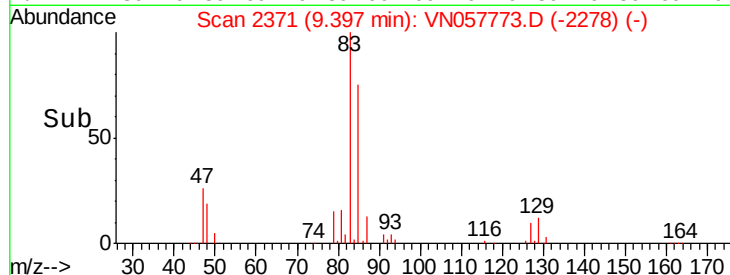
127 8.2 5.6 8.4



Abundance Ion 82.90 (82.60 to 83.60): VN057773.D (-2278) (-)

Ion 84.90 (84.60 to 85.60): VN057773.D (-2278) (-)

Ion 126.80 (126.50 to 127.50): VN057773.D (-2278) (-)



#48

Methyl methacrylate

Concen: 47.849 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

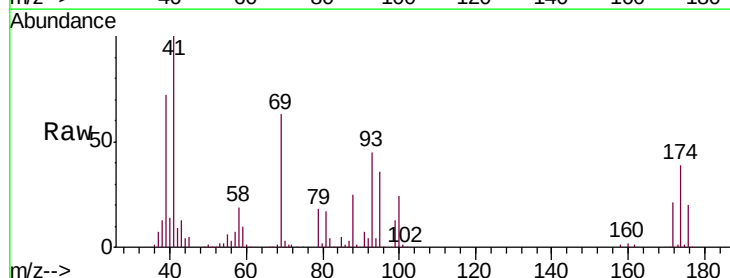
Tgt Ion: 41 Resp: 196012

Ion Ratio Lower Upper

41 100

69 66.1 51.2 76.8

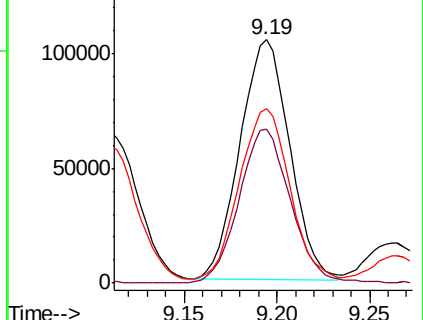
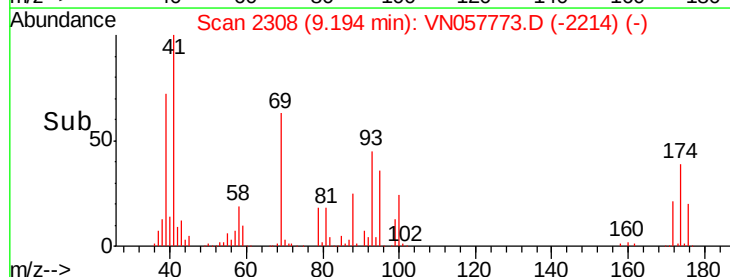
39 74.6 57.3 85.9

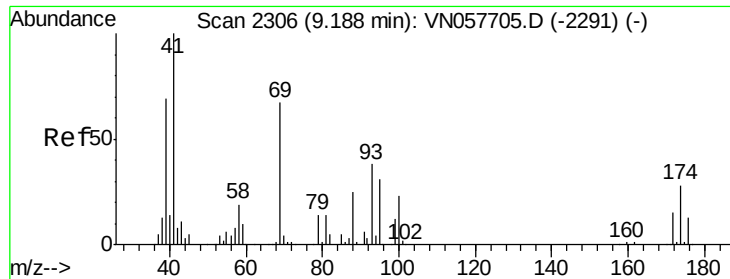


Abundance Ion 41.00 (40.70 to 41.70): VN057773.D (-2214) (-)

Ion 69.00 (68.70 to 69.70): VN057773.D (-2214) (-)

Ion 39.00 (38.70 to 39.70): VN057773.D (-2214) (-)





#49

1,4-Dioxane

Concen: 1107.225 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

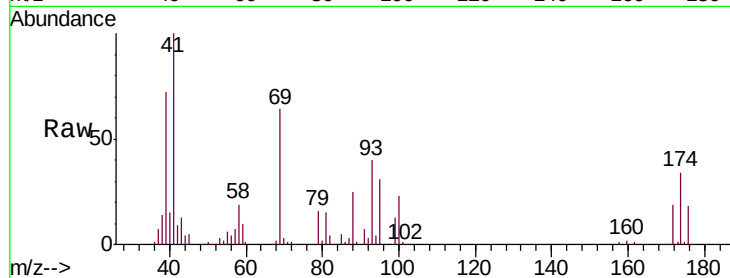
Tgt Ion: 88 Resp: 52774

Ion Ratio Lower Upper

88 100

43 46.6 35.4 53.2

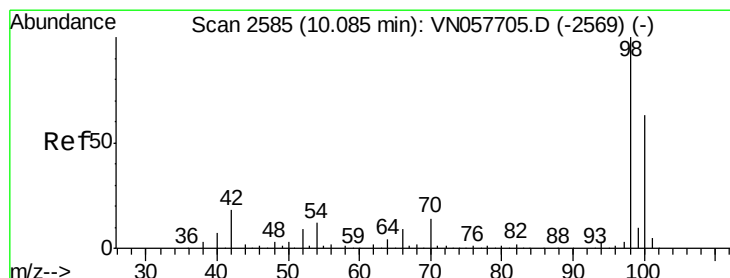
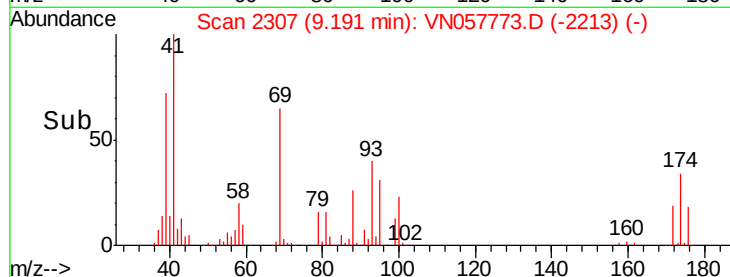
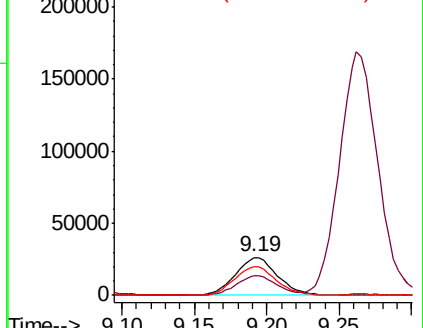
58 76.1 61.5 92.3



Abundance Ion 88.00 (87.70 to 88.70): VN057773.D (-2213) (-)

Ion 43.00 (42.70 to 43.70): VN057773.D (-2213) (-)

Ion 58.00 (57.70 to 58.70): VN057773.D (-2213) (-)



#50

Toluene-d8

Concen: 51.449 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057773.D

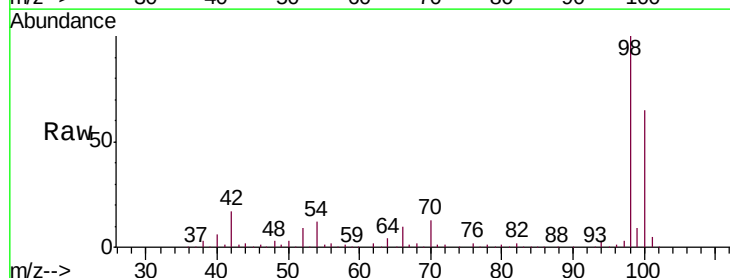
Acq: 7 Sep 2019 23:11

Tgt Ion: 98 Resp: 544685

Ion Ratio Lower Upper

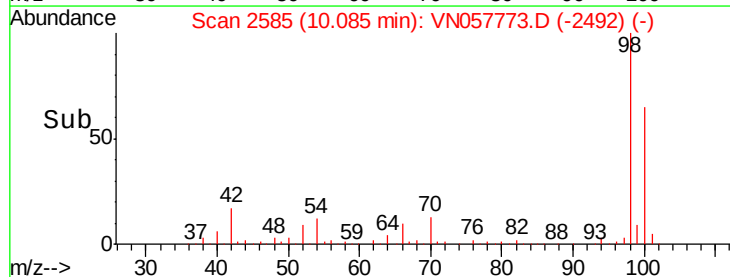
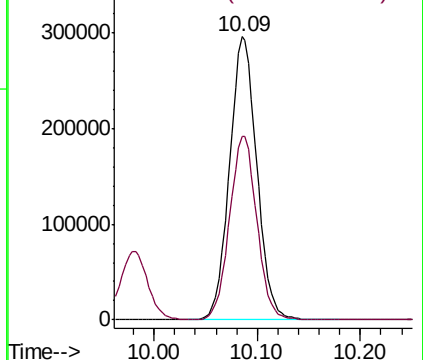
98 100

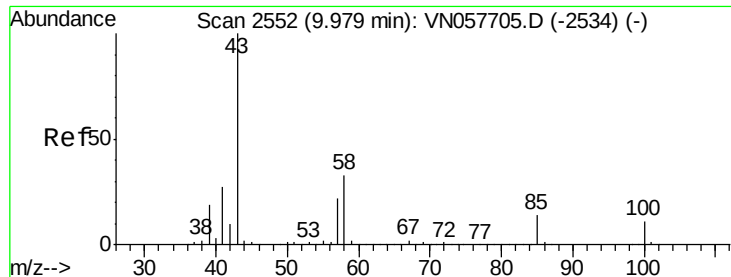
100 64.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN057773.D (-2492) (-)

Ion 100.00 (99.70 to 100.70): VN057773.D (-2492) (-)





#51

4-Methyl-2-Pentanone

Concen: 270.378 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

Instrument :

MSVOA_N

ClientSampleId :

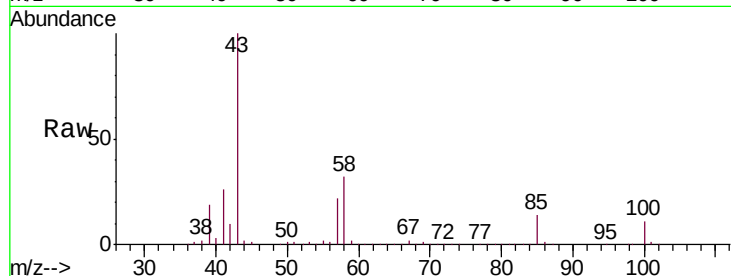
VSTDCCC050

Tgt Ion: 43 Resp: 1196026

Ion Ratio Lower Upper

43 100

58 31.8 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

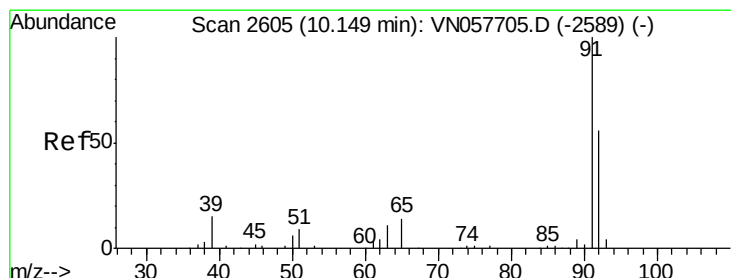
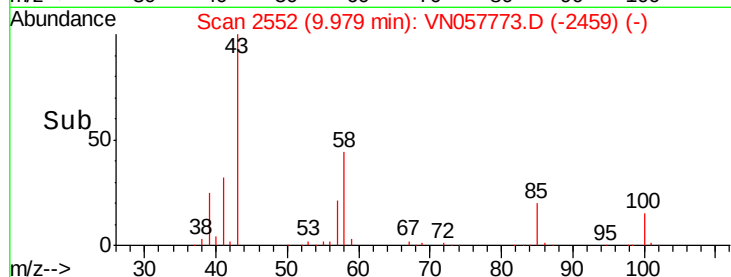
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.231 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057773.D

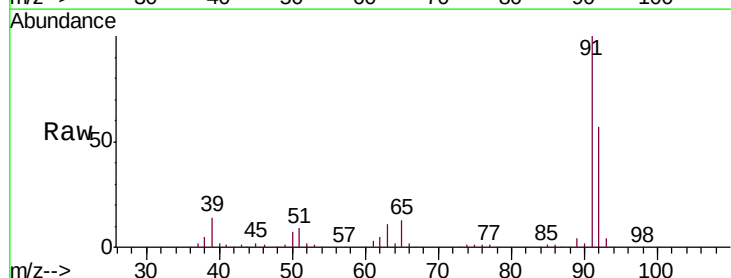
Acq: 7 Sep 2019 23:11

Tgt Ion: 92 Resp: 367113

Ion Ratio Lower Upper

92 100

91 176.8 141.5 212.3



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

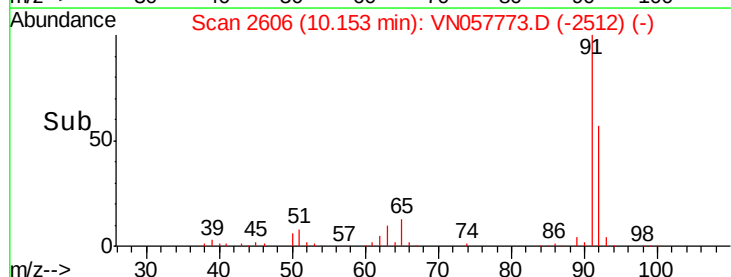
300000

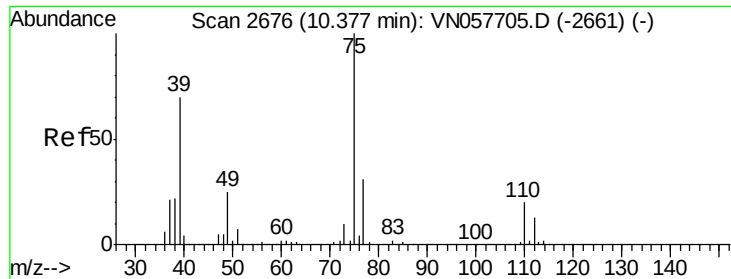
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.361 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

Instrument :

MSVOA_N

ClientSampleId :

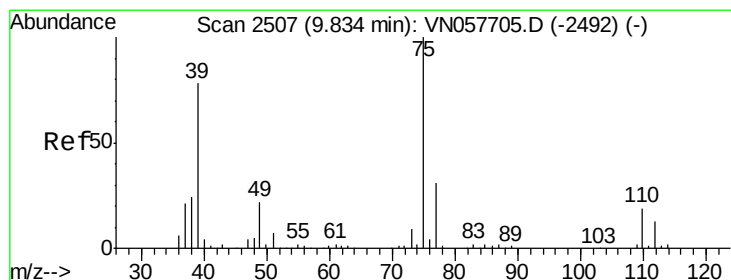
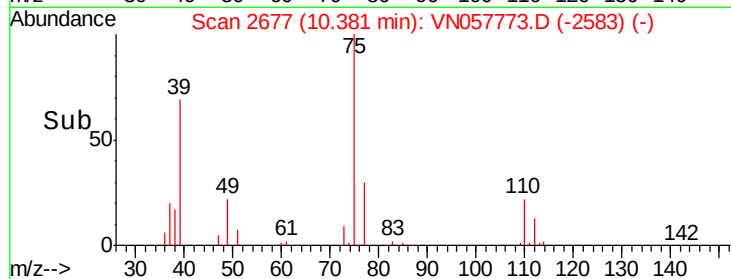
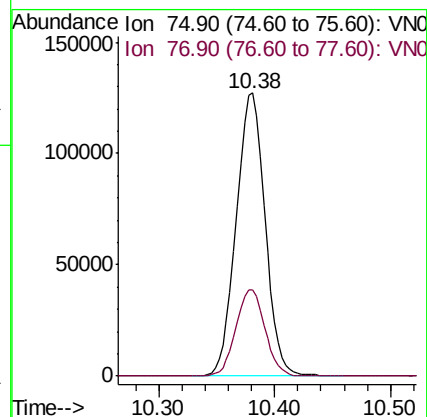
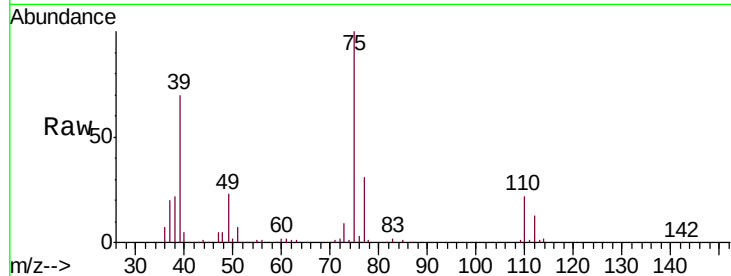
VSTDCCC050

Tgt Ion: 75 Resp: 218706

Ion Ratio Lower Upper

75 100

77 30.7 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 48.409 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

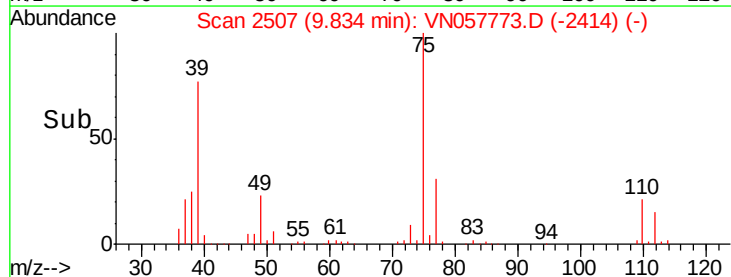
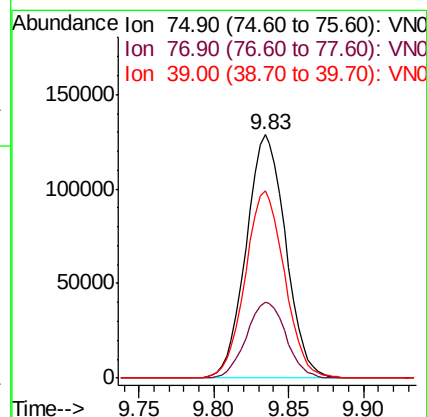
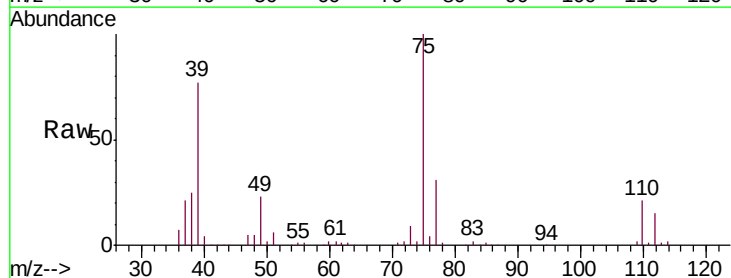
Tgt Ion: 75 Resp: 236525

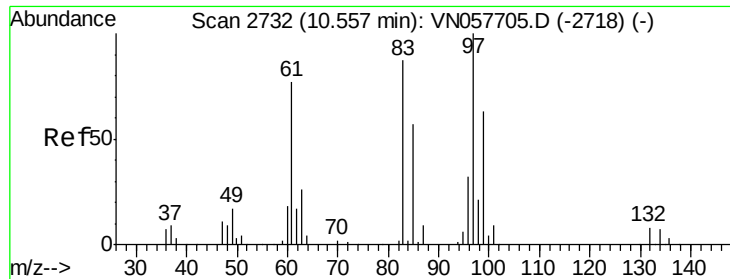
Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

39 76.6 62.4 93.6

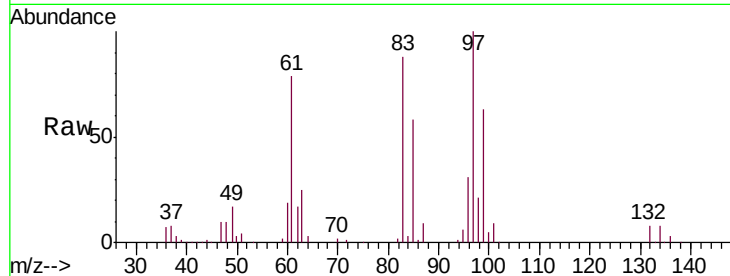




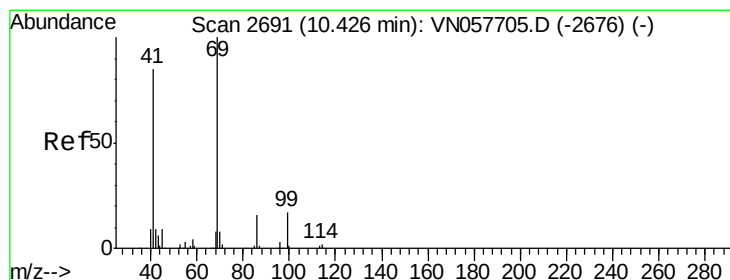
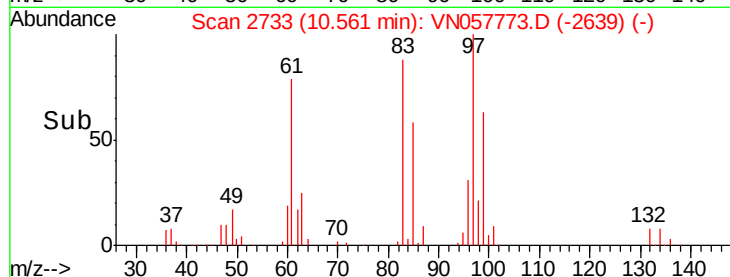
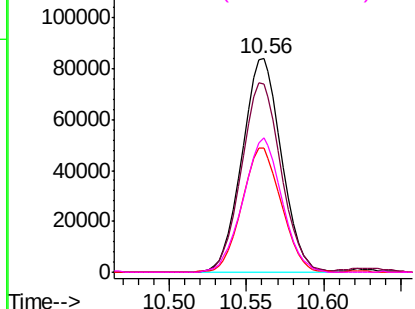
#55
 1,1,2-Trichloroethane
 Concen: 51.611 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN057773.D
 Acq: 7 Sep 2019 23:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 148833
 Ion Ratio Lower Upper
 97 100
 83 88.2 69.5 104.3
 85 58.1 45.7 68.5
 99 62.8 50.2 75.4

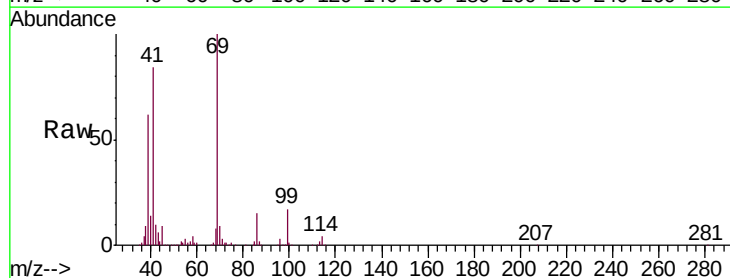


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

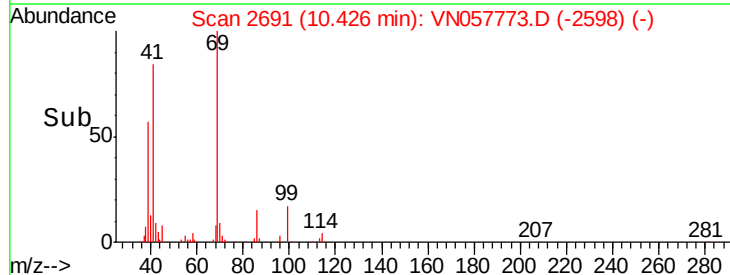
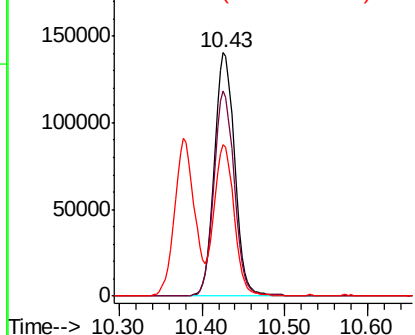


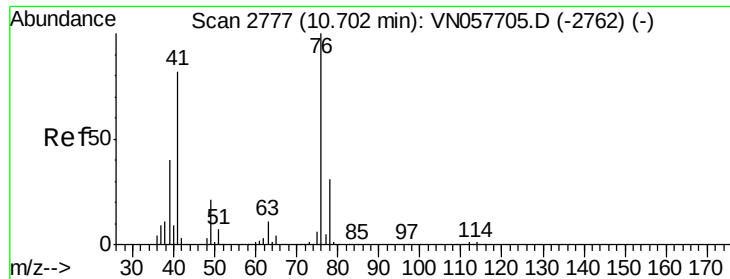
#56
 Ethyl methacrylate
 Concen: 51.817 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN057773.D
 Acq: 7 Sep 2019 23:11

Tgt Ion: 69 Resp: 238507
 Ion Ratio Lower Upper
 69 100
 41 83.2 69.0 103.4
 39 60.5 49.2 73.8



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





#57

1,3-Dichloropropane

Concen: 50.350 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

Instrument :

MSVOA_N

ClientSampleId :

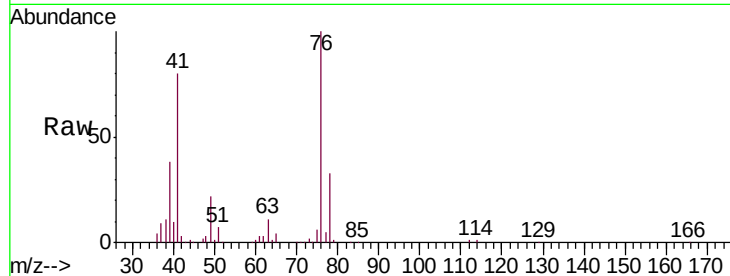
VSTDCCC050

Tgt Ion: 76 Resp: 260820

Ion Ratio Lower Upper

76 100

78 32.7 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN057773.D (-2684) (-)

Ion 77.90 (77.60 to 78.60): VN057773.D (-2684) (-)

10.71

150000

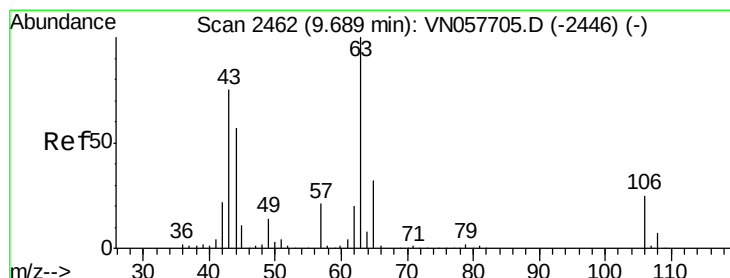
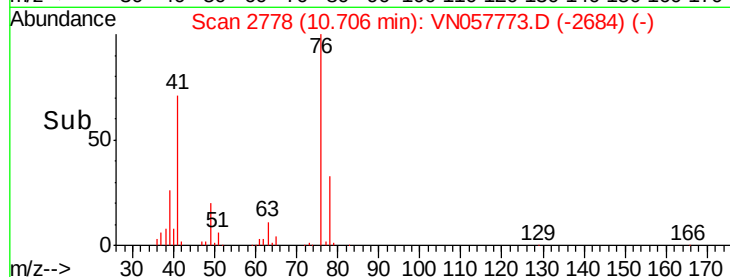
100000

50000

0

10.65 10.70 10.75

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 253.619 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057773.D

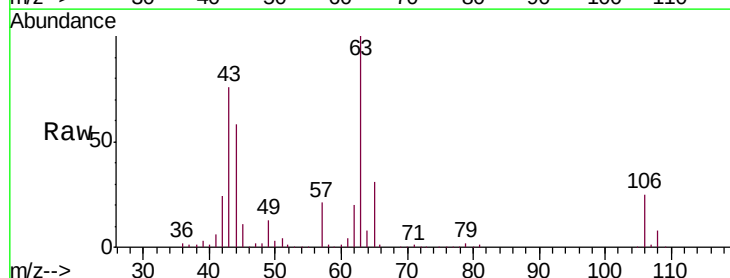
Acq: 7 Sep 2019 23:11

Tgt Ion: 63 Resp: 592252

Ion Ratio Lower Upper

63 100

106 24.9 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VN057773.D (-2369) (-)

Ion 105.90 (105.60 to 106.60): VN057773.D (-2369) (-)

9.69

400000

300000

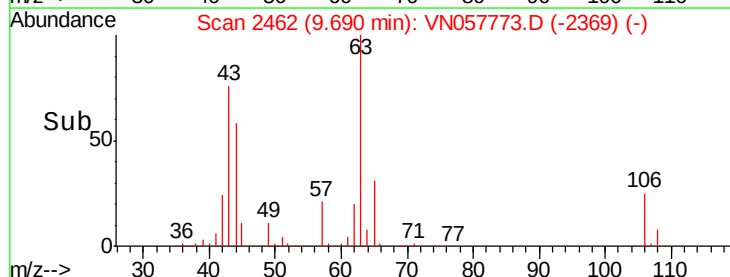
200000

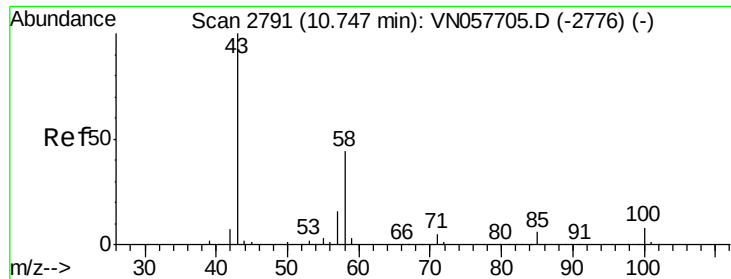
100000

0

9.60 9.70 9.80

Time-->

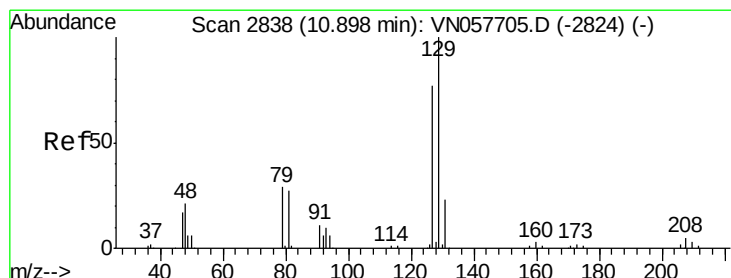
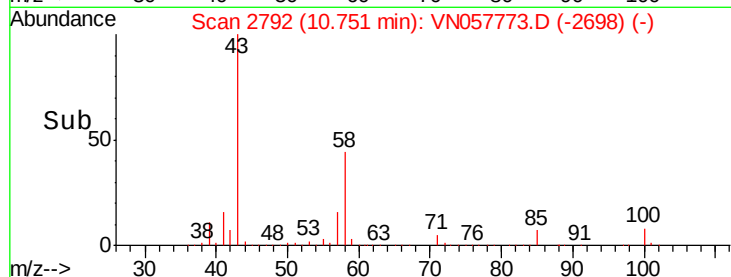
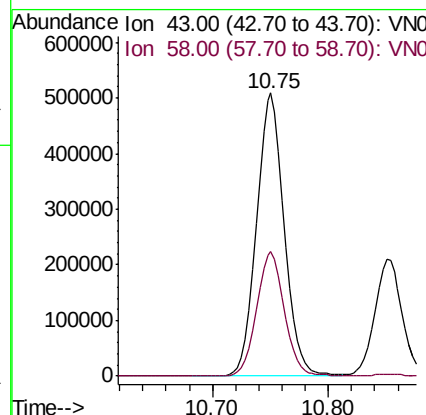
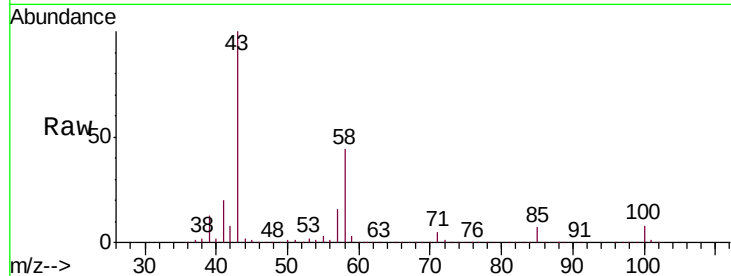




#59
2-Hexanone
Concen: 271.195 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057773.D
Acq: 7 Sep 2019 23:11

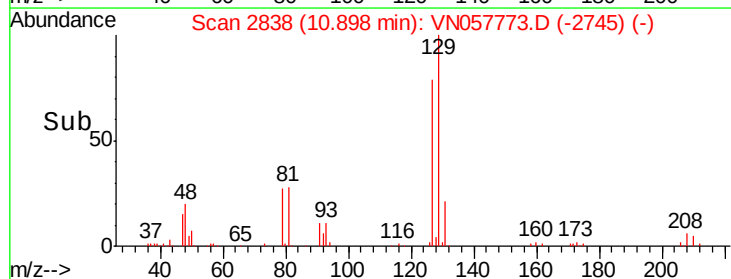
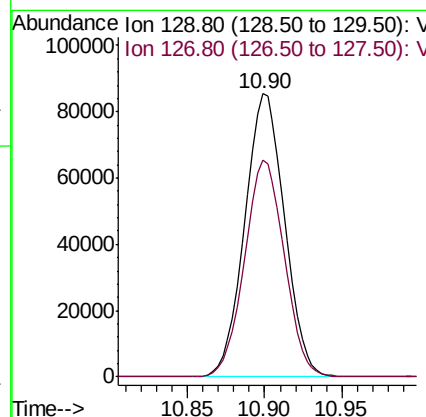
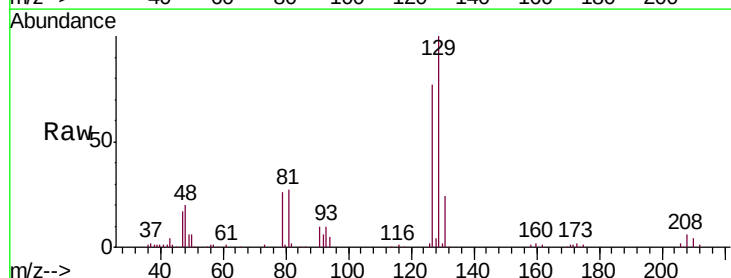
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

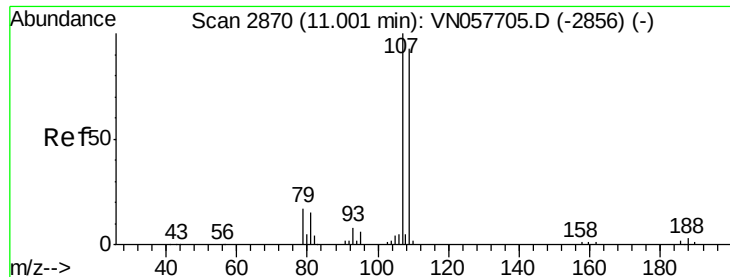
Tgt Ion: 43 Resp: 845937
Ion Ratio Lower Upper
43 100
58 44.3 22.1 66.5



#60
Dibromochloromethane
Concen: 49.263 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN057773.D
Acq: 7 Sep 2019 23:11

Tgt Ion: 129 Resp: 153100
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 54.456 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

Instrument :

MSVOA_N

ClientSampleId :

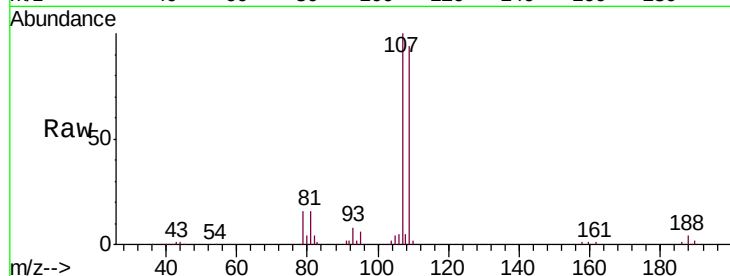
VSTDCCC050

Tgt Ion: 107 Resp: 150761

Ion Ratio Lower Upper

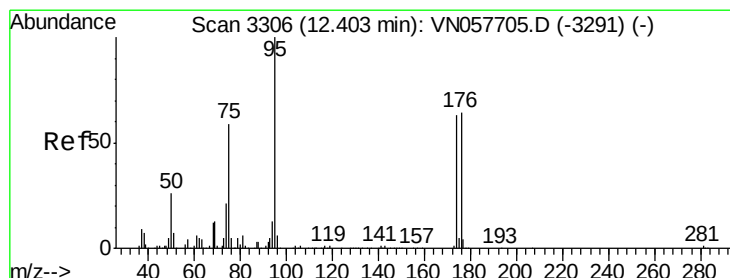
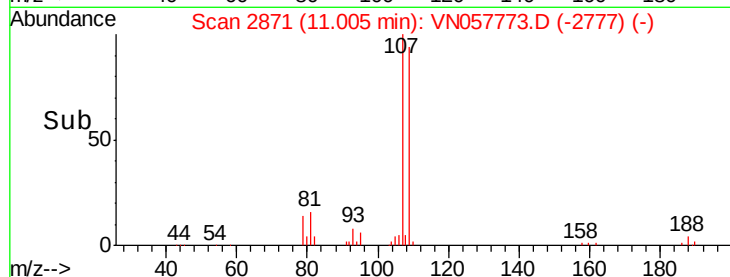
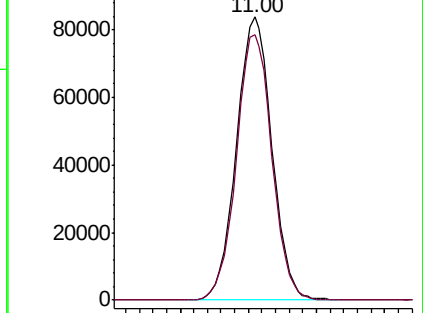
107 100

109 93.9 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: 50.158 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

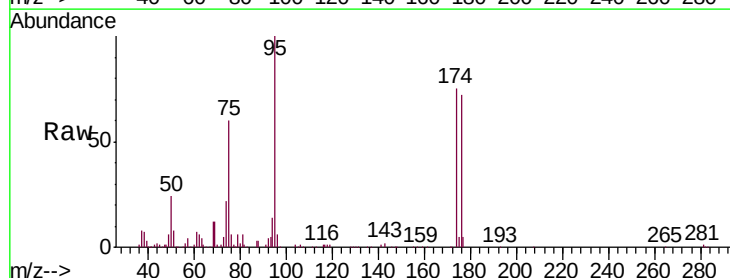
Tgt Ion: 95 Resp: 220557

Ion Ratio Lower Upper

95 100

174 75.0 0.0 128.0

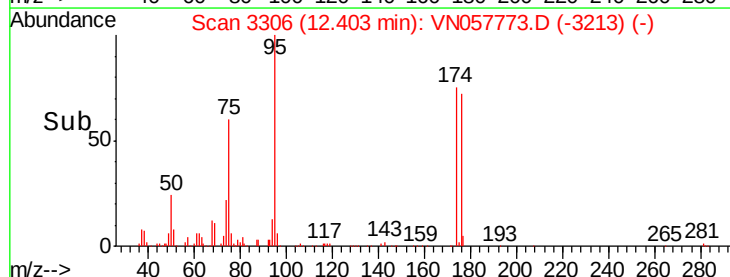
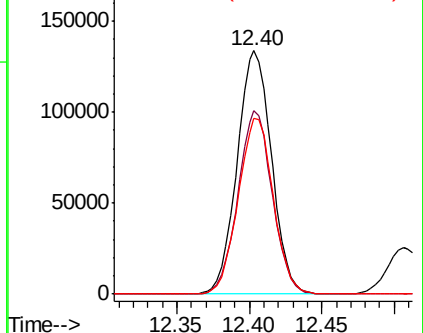
176 73.5 0.0 128.0

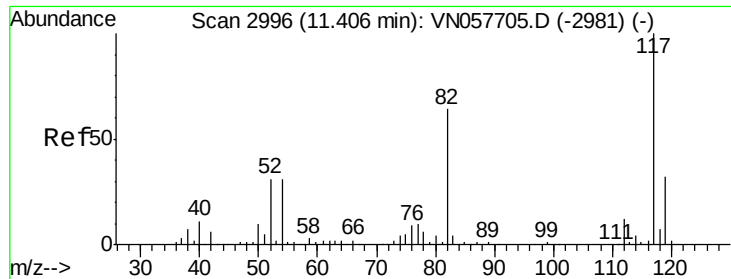


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

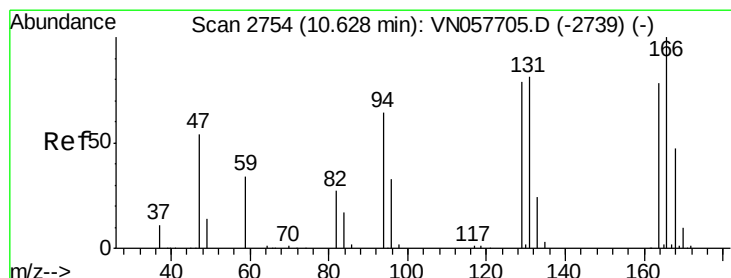
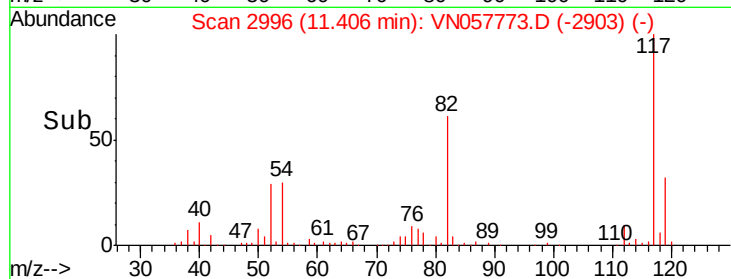
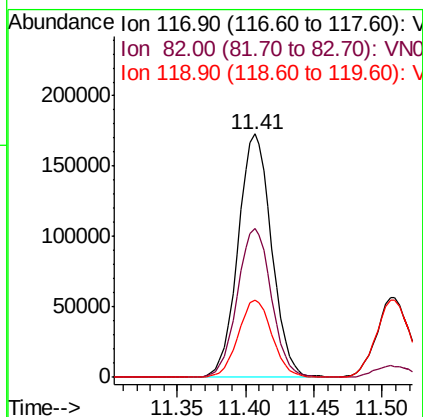
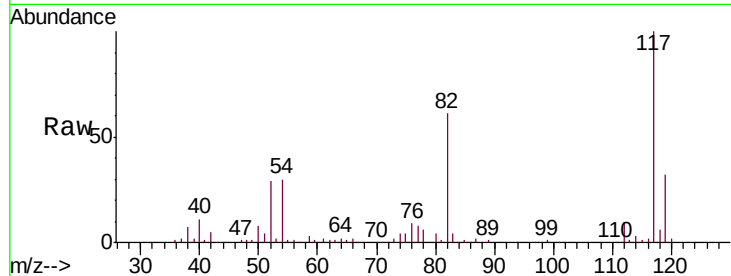




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057773.D
Acq: 7 Sep 2019 23:11

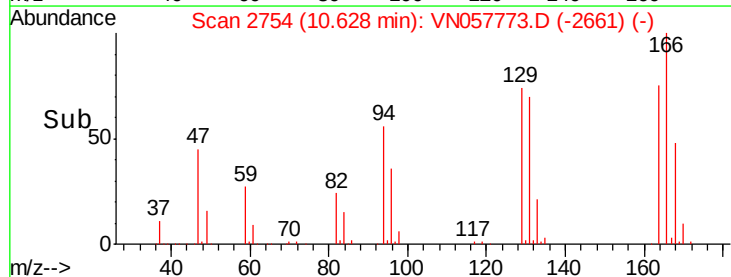
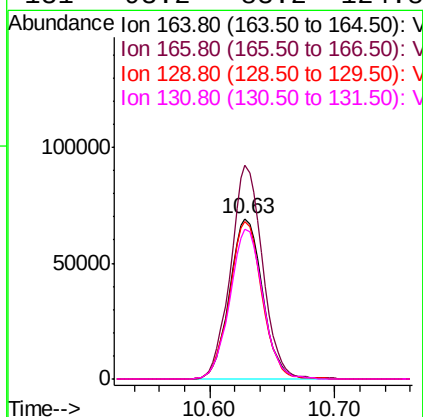
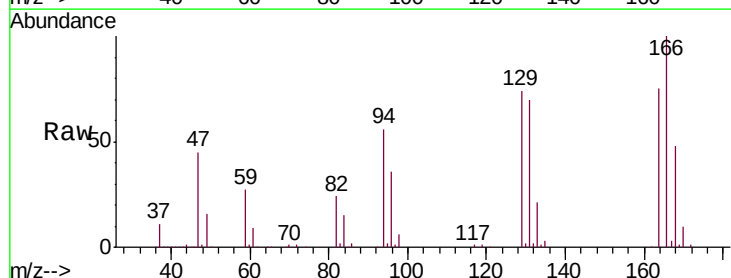
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

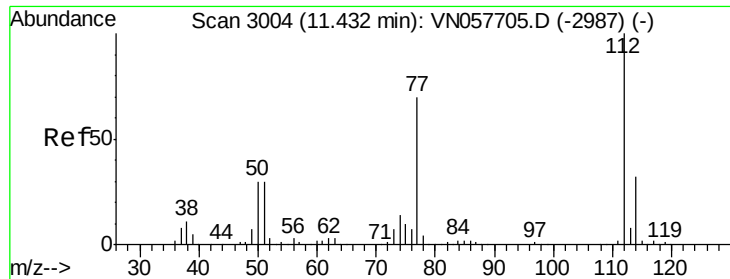
Tgt Ion:117 Resp: 295068
Ion Ratio Lower Upper
117 100
82 61.1 51.4 77.0
119 32.0 25.4 38.2



#64
Tetrachloroethene
Concen: 54.727 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057773.D
Acq: 7 Sep 2019 23:11

Tgt Ion:164 Resp: 125897
Ion Ratio Lower Upper
164 100
166 133.1 103.0 154.6
129 98.2 81.1 121.7
131 93.2 83.2 124.8

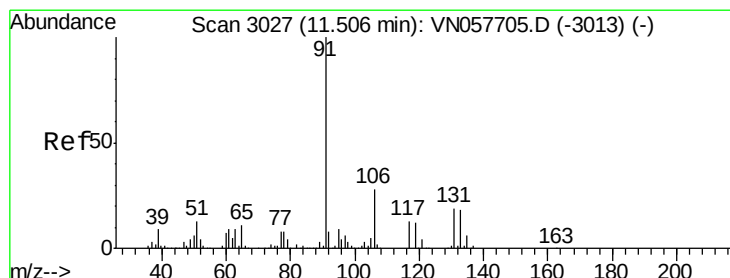
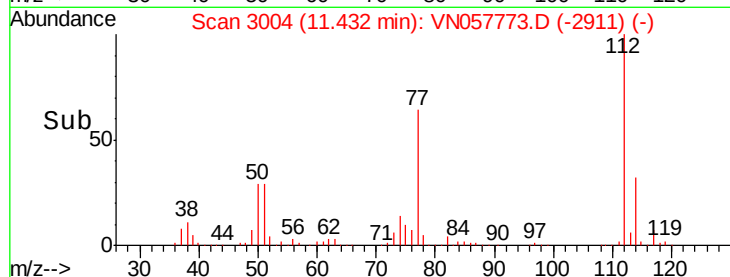
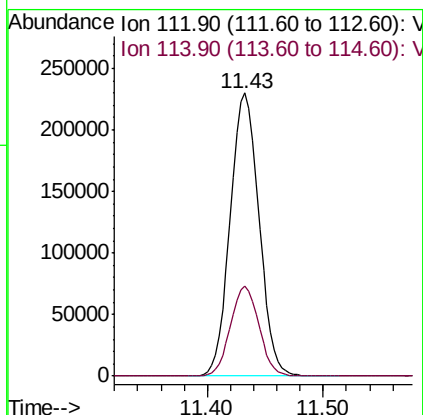
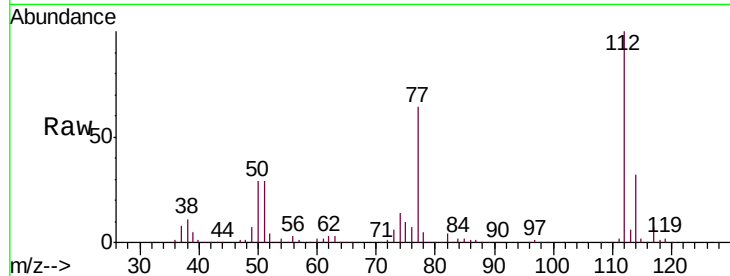




#65
Chlorobenzene
Concen: 51.505 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN057773.D
Acq: 7 Sep 2019 23:11

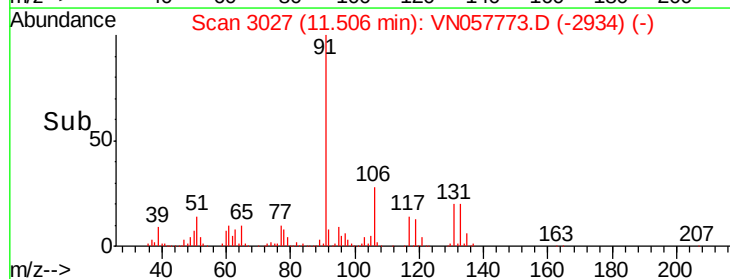
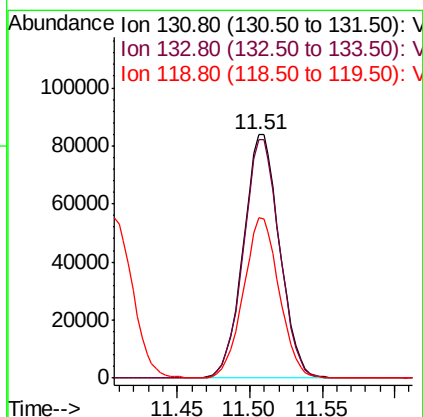
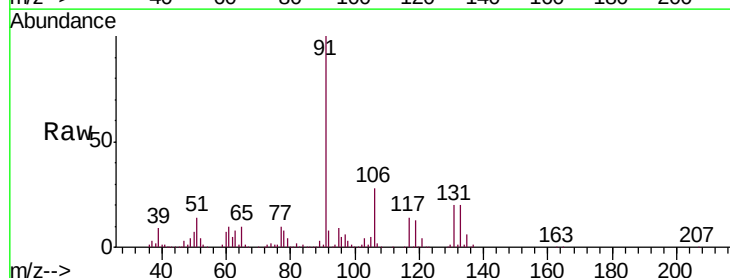
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

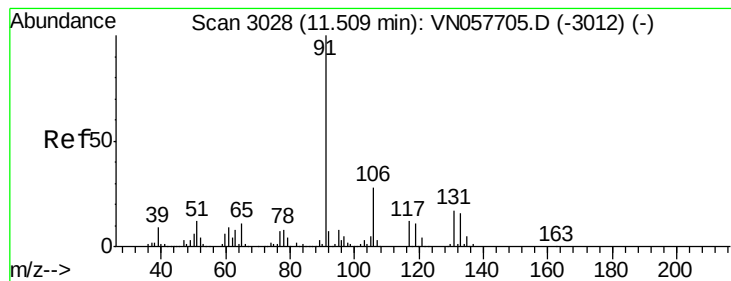
Tgt Ion:112 Resp: 396438
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 54.446 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057773.D
Acq: 7 Sep 2019 23:11

Tgt Ion:131 Resp: 145820
Ion Ratio Lower Upper
131 100
133 97.7 47.6 142.9
119 65.2 32.8 98.3





#67

Ethyl Benzene

Concen: 50.474 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

Instrument :

MSVOA_N

ClientSampleId :

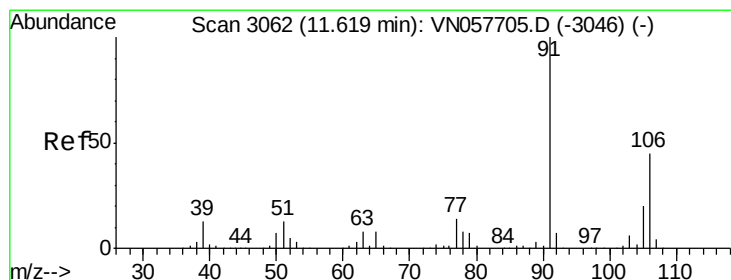
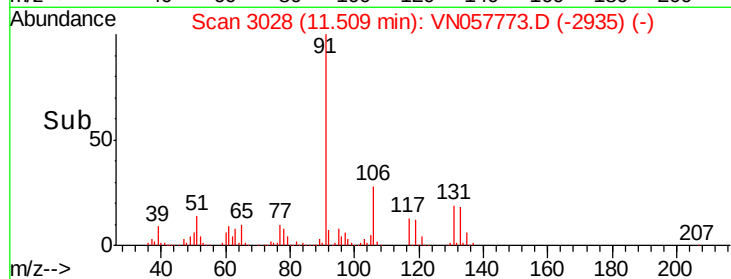
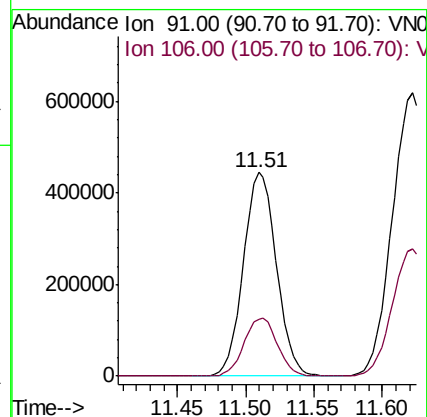
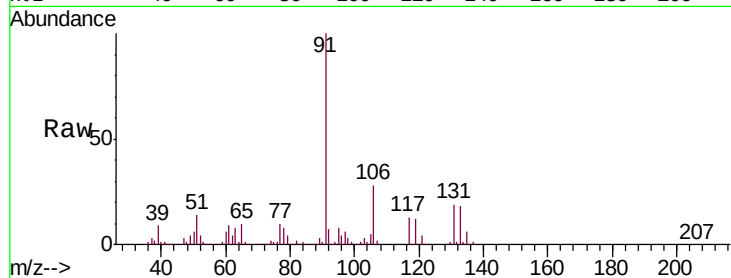
VSTDCCC050

Tgt Ion: 91 Resp: 749585

Ion Ratio Lower Upper

91 100

106 28.2 22.8 34.2



#68

m/p-Xylenes

Concen: 104.079 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN057773.D

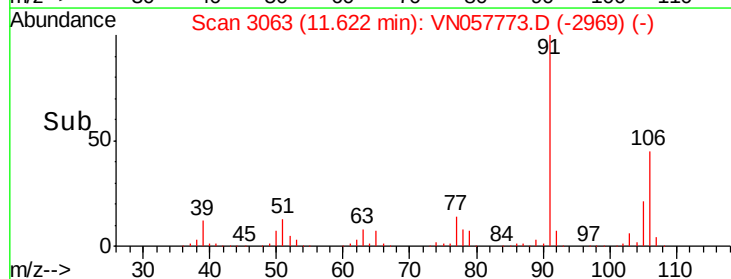
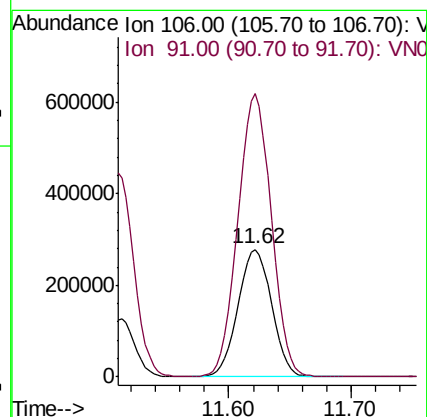
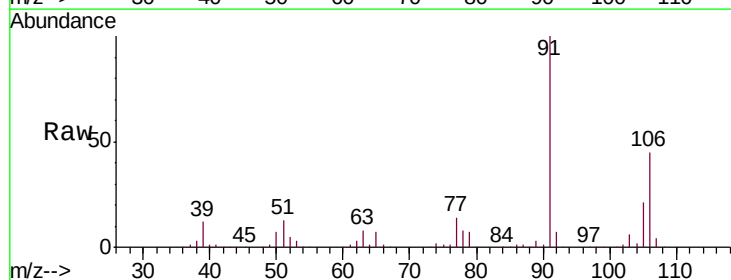
Acq: 7 Sep 2019 23:11

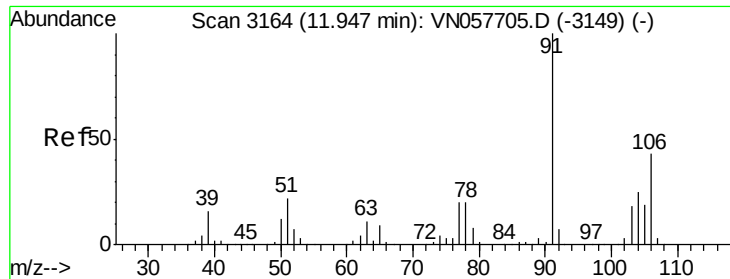
Tgt Ion: 106 Resp: 532371

Ion Ratio Lower Upper

106 100

91 220.5 179.8 269.8

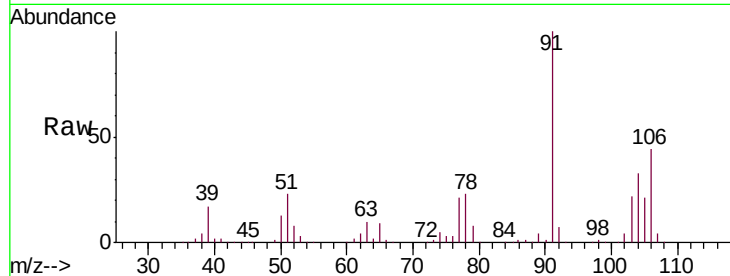




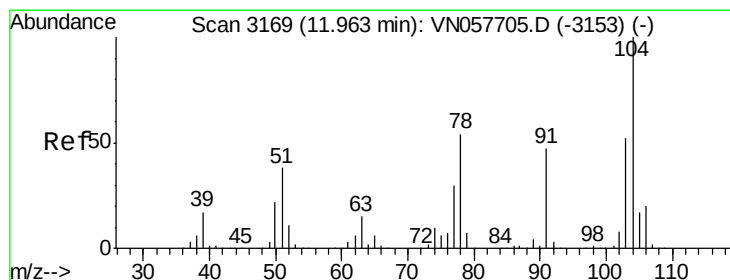
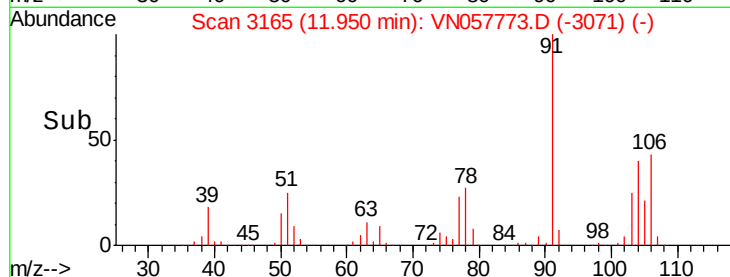
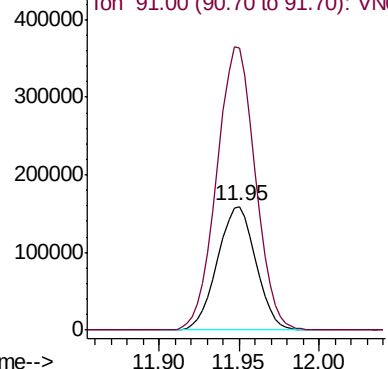
#69
o-Xylene
Concen: 51.673 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN057773.D
Acq: 7 Sep 2019 23:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 261716
Ion Ratio Lower Upper
106 100
91 229.5 116.8 350.4

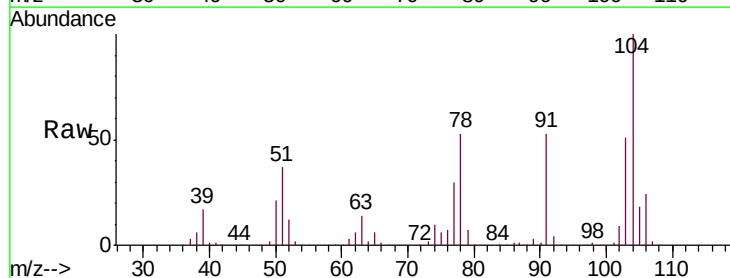


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

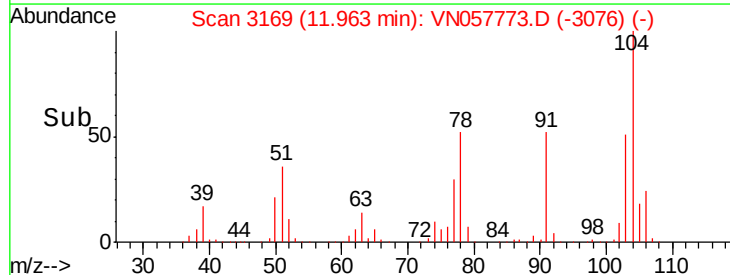
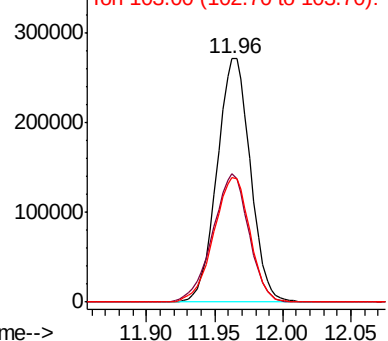


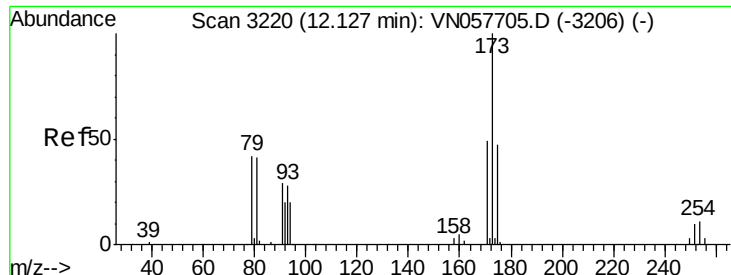
#70
Styrene
Concen: 52.533 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057773.D
Acq: 7 Sep 2019 23:11

Tgt Ion:104 Resp: 460385
Ion Ratio Lower Upper
104 100
78 57.3 48.5 72.7
103 55.9 45.0 67.4



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





#71

Bromoform

Concen: 50.553 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

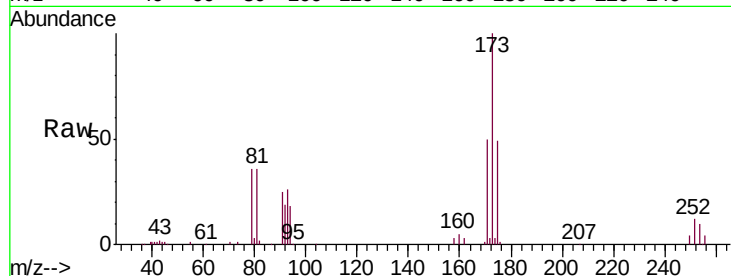
Tgt Ion:173 Resp: 101249

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.8

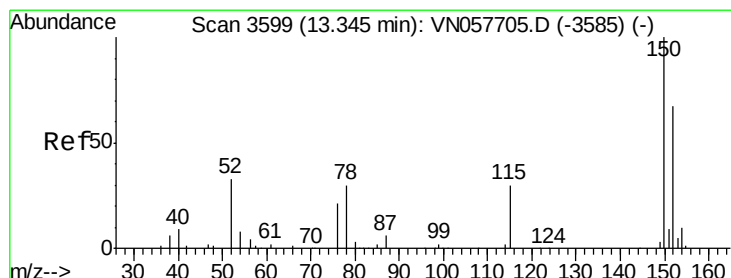
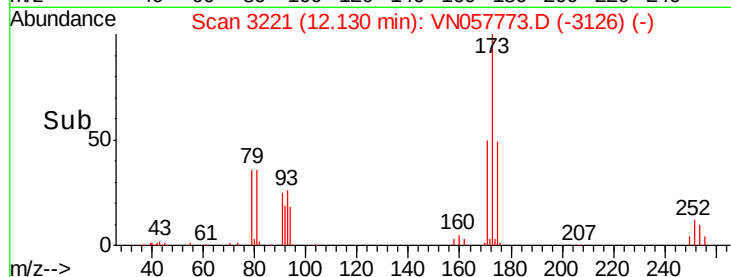
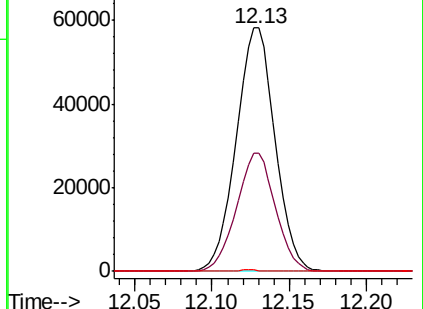
254 0.2 0.0 0.0#



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: VN057773.D

Acq: 7 Sep 2019 23:11

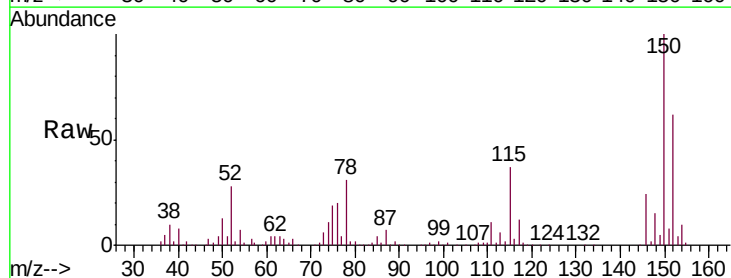
Tgt Ion:152 Resp: 178347

Ion Ratio Lower Upper

152 100

115 60.4 33.8 101.3

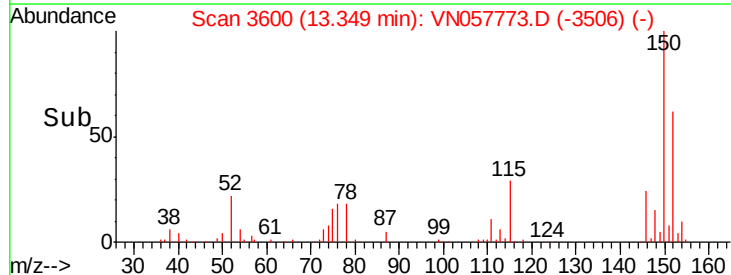
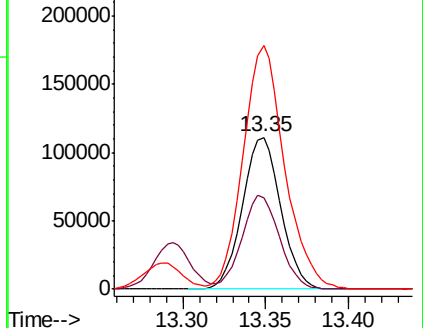
150 173.6 0.0 345.4

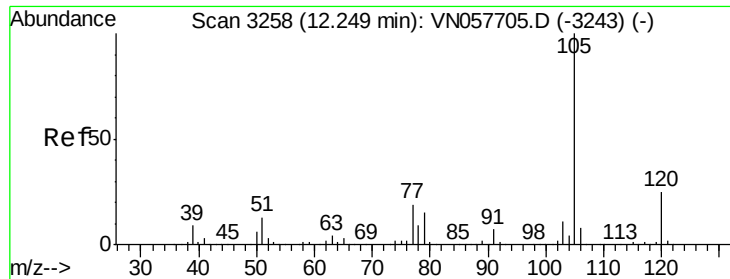


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.268 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

Instrument :

MSVOA_N

ClientSampleId :

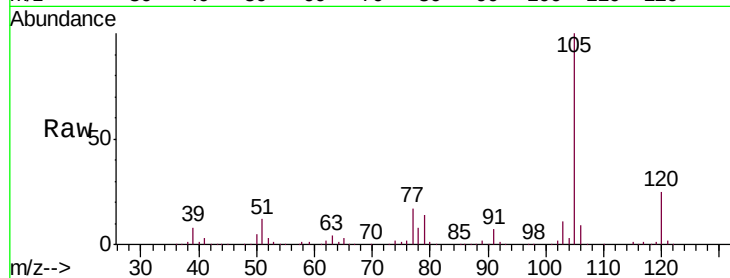
VSTDCCC050

Tgt Ion:105 Resp: 745307

Ion Ratio Lower Upper

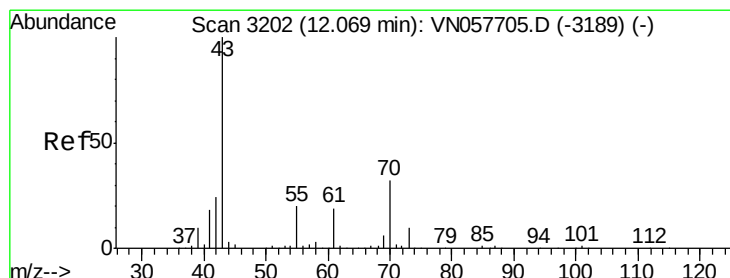
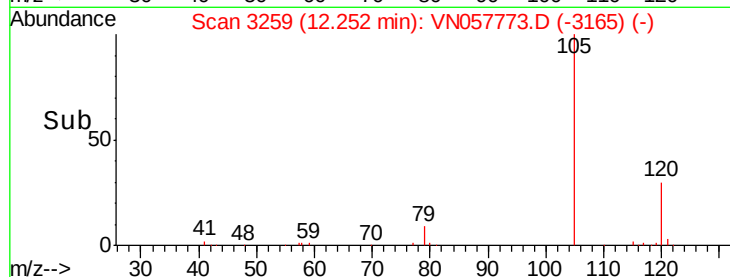
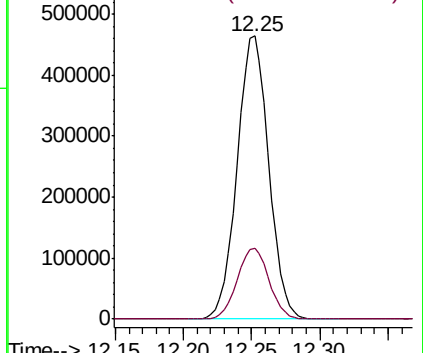
105 100

120 25.3 12.2 36.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.071 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

Tgt Ion: 43 Resp: 354999

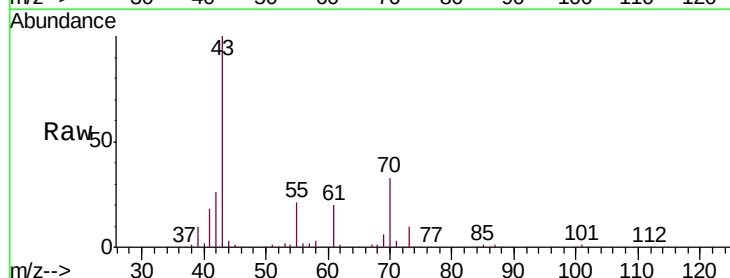
Ion Ratio Lower Upper

43 100

70 32.9 26.1 39.1

55 21.2 16.3 24.5

61 19.3 15.0 22.4

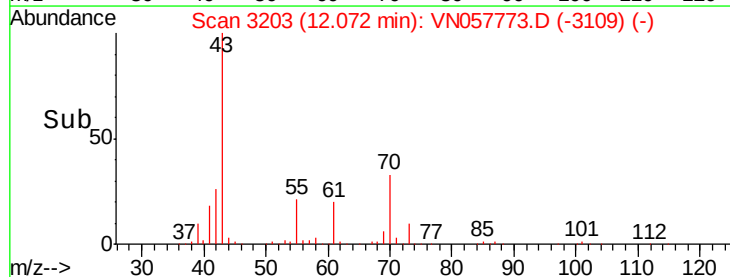
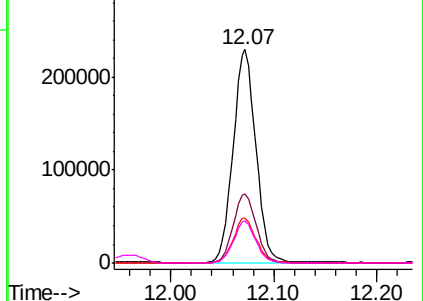


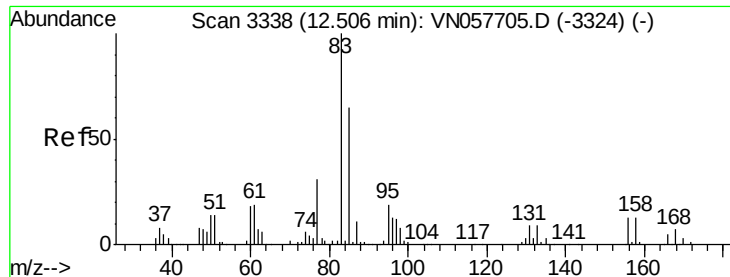
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.765 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

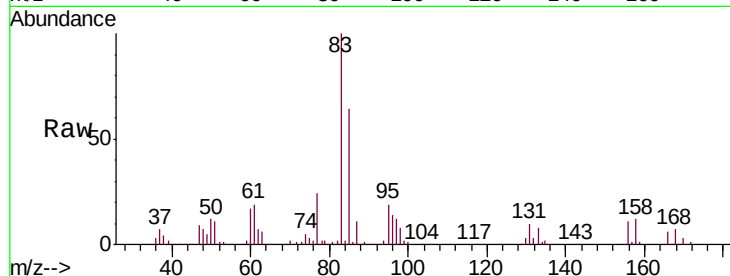
Tgt Ion: 83 Resp: 225836

Ion Ratio Lower Upper

83 100

131 10.2 4.5 13.5

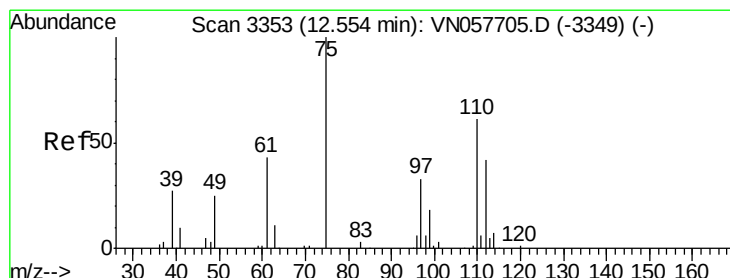
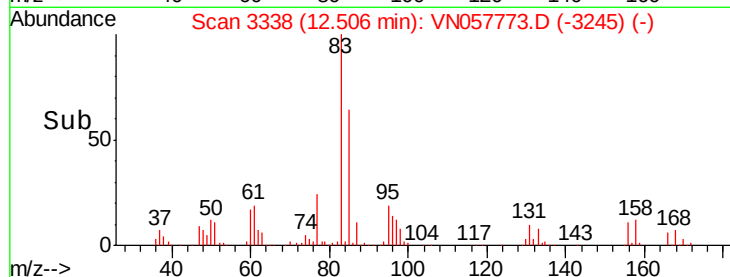
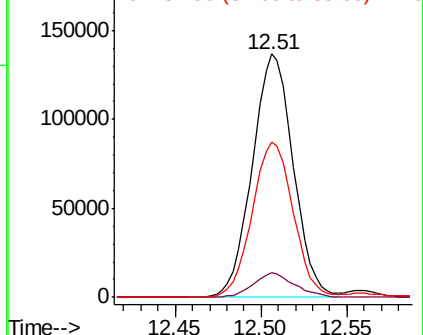
85 63.9 31.8 95.3



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: 68.374 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN057773.D

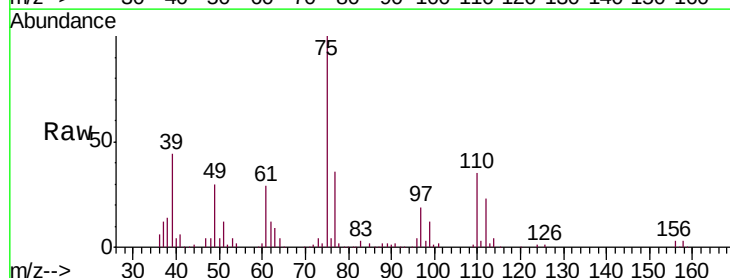
Acq: 7 Sep 2019 23:11

Tgt Ion: 75 Resp: 280025

Ion Ratio Lower Upper

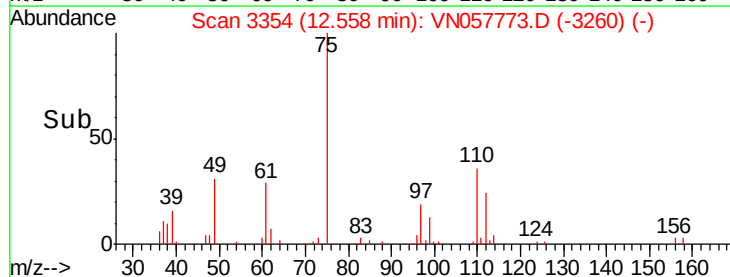
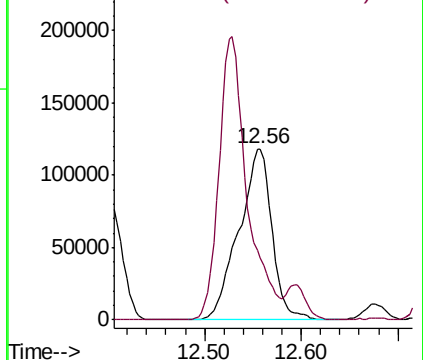
75 100

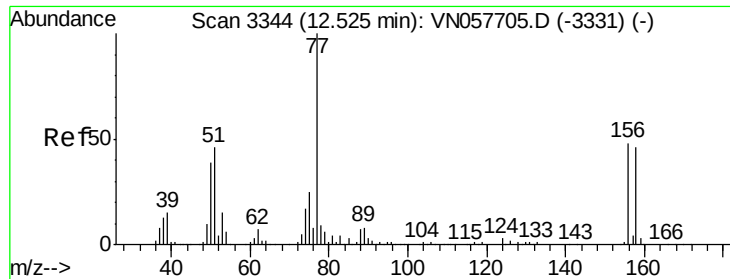
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 51.793 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

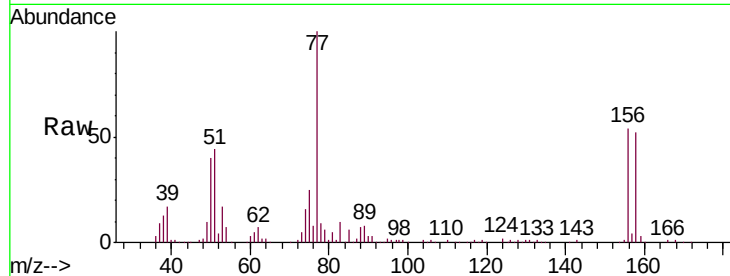
Tgt Ion:156 Resp: 177416

Ion Ratio Lower Upper

156 100

77 223.4 125.4 376.2

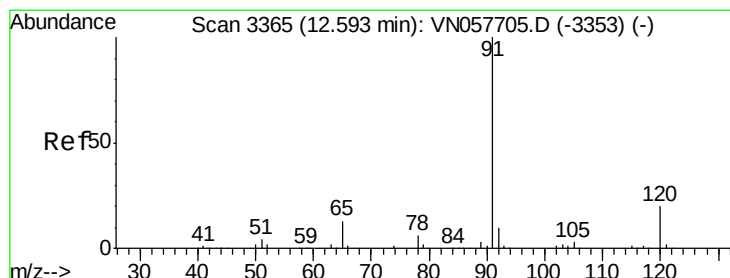
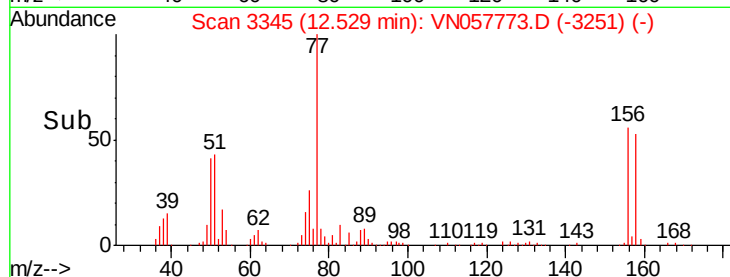
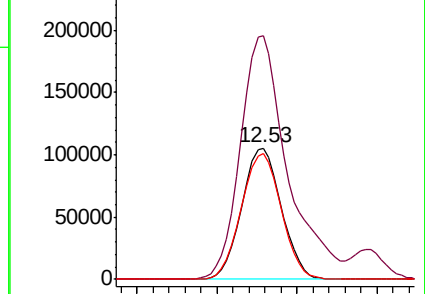
158 97.1 49.3 147.9



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: 46.028 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057773.D

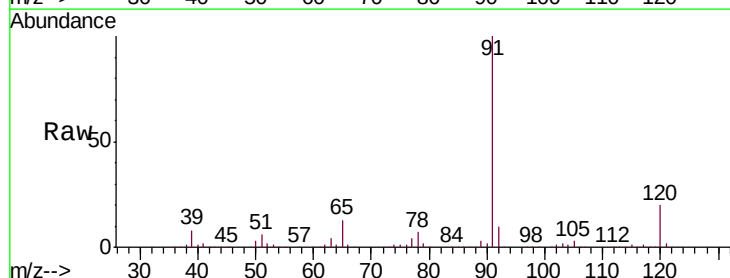
Acq: 7 Sep 2019 23:11

Tgt Ion: 91 Resp: 862245

Ion Ratio Lower Upper

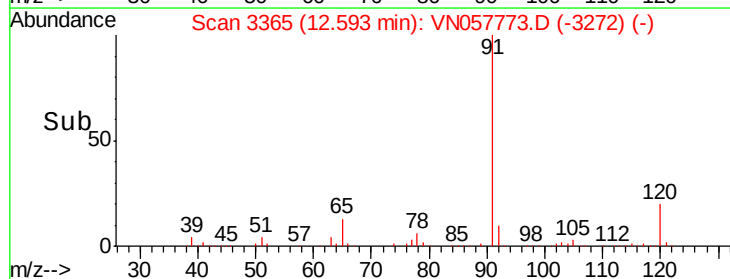
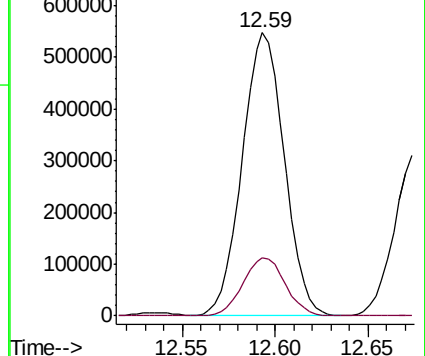
91 100

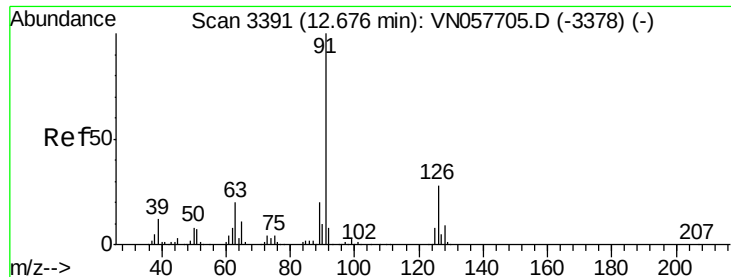
120 20.8 10.0 30.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.717 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

Instrument :

MSVOA_N

ClientSampleId :

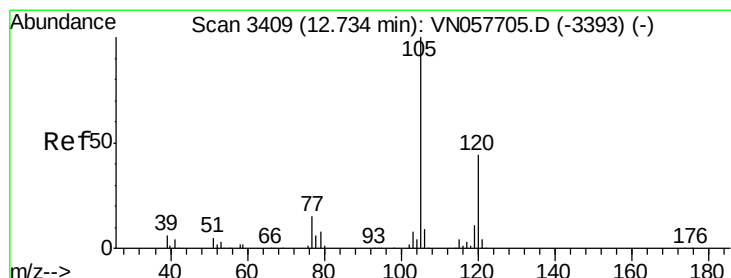
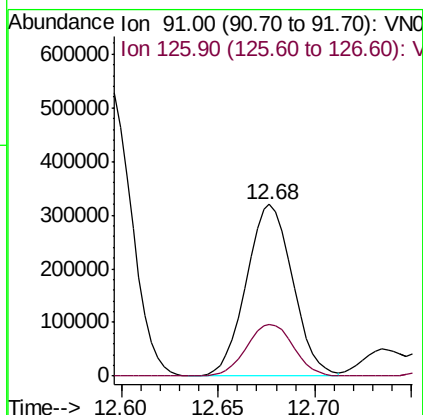
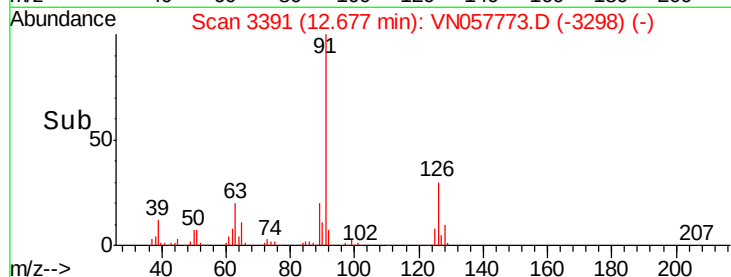
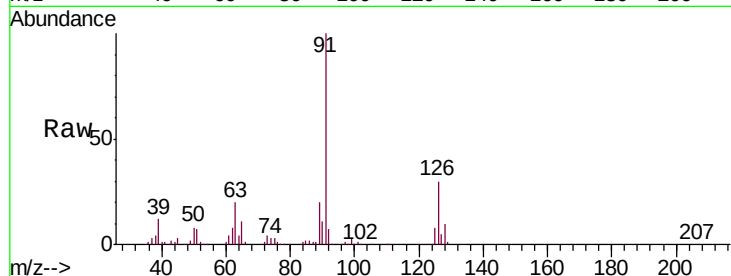
VSTDCCC050

Tgt Ion: 91 Resp: 532770

Ion Ratio Lower Upper

91 100

126 30.9 14.5 43.5



#80

1,3,5-Trimethylbenzene

Concen: 47.599 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057773.D

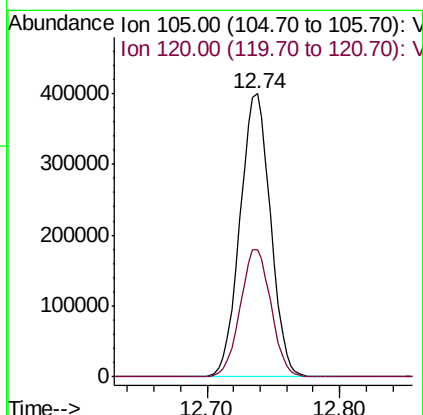
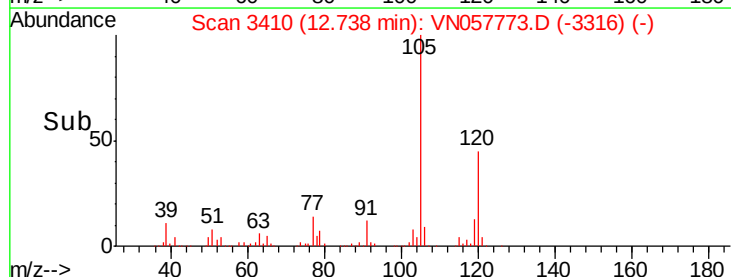
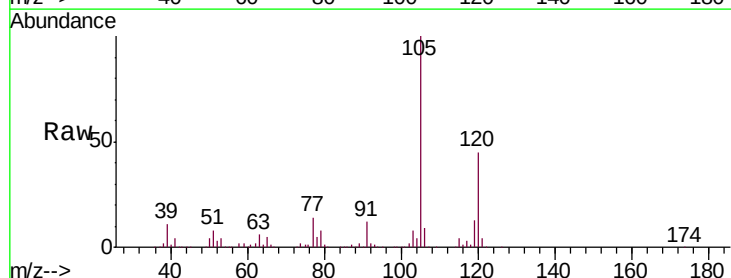
Acq: 7 Sep 2019 23:11

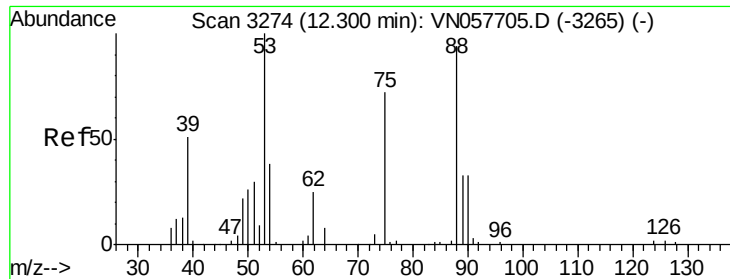
Tgt Ion: 105 Resp: 637548

Ion Ratio Lower Upper

105 100

120 45.2 22.3 66.8

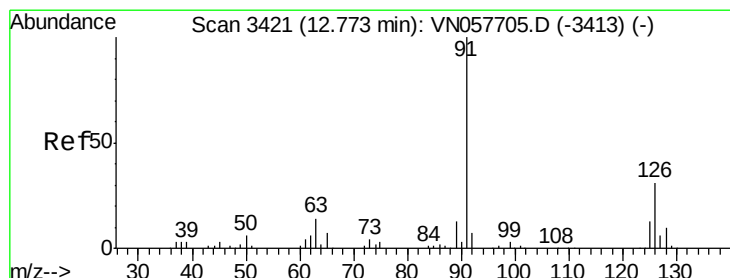
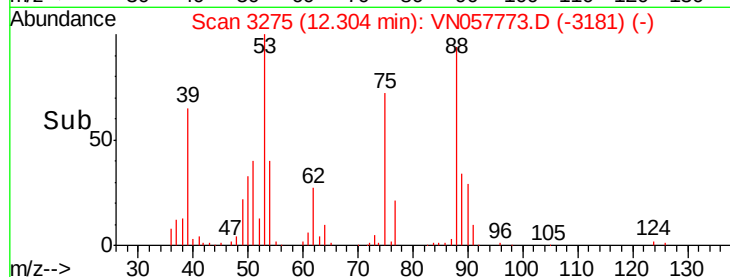
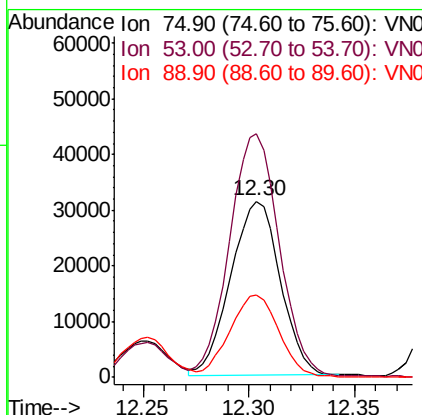
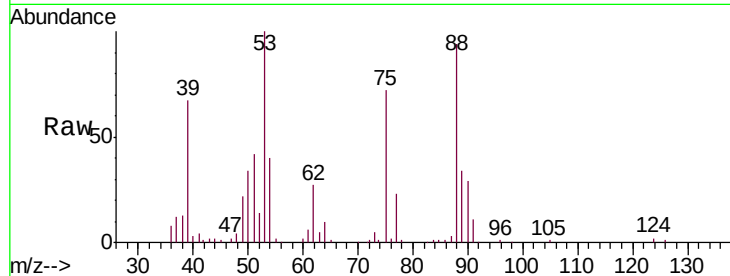




#81
 trans-1,4-Dichloro-2-butene
 Concen: 38.899 ug/l
 RT: 12.30 min Scan# 3275
 Delta R.T. 0.00 min
 Lab File: VN057773.D
 Acq: 7 Sep 2019 23:11

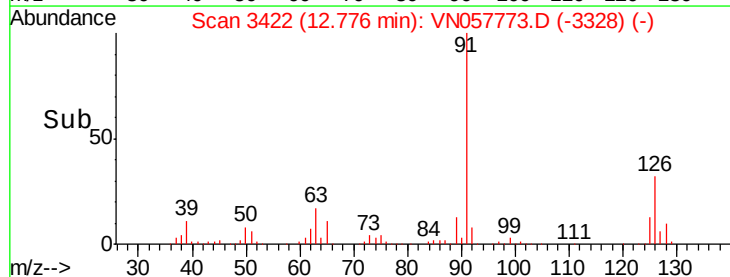
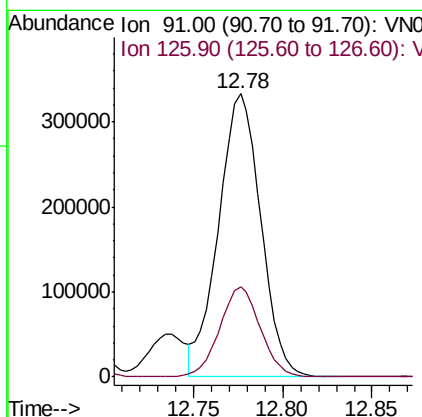
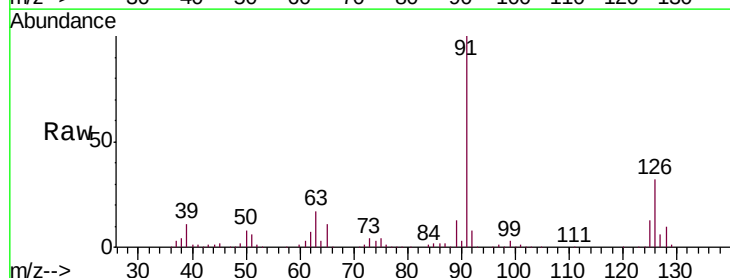
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

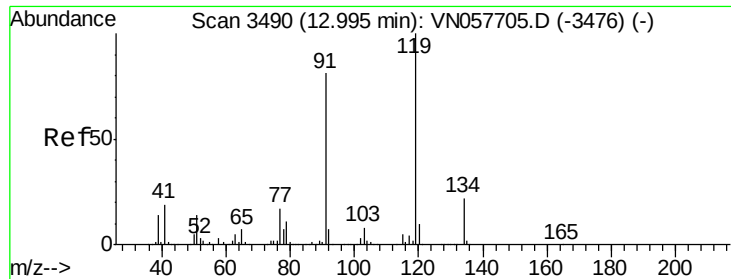
Tgt Ion: 75 Resp: 51225
 Ion Ratio Lower Upper
 75 100
 53 138.6 107.0 160.6
 89 47.1 36.5 54.7



#82
 4-Chlorotoluene
 Concen: 46.504 ug/l
 RT: 12.78 min Scan# 3422
 Delta R.T. 0.00 min
 Lab File: VN057773.D
 Acq: 7 Sep 2019 23:11

Tgt Ion: 91 Resp: 546197
 Ion Ratio Lower Upper
 91 100
 126 30.7 14.4 43.4

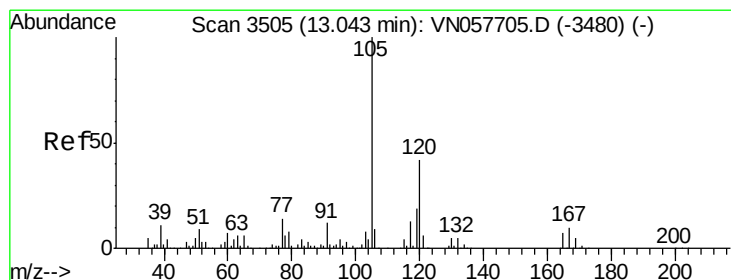
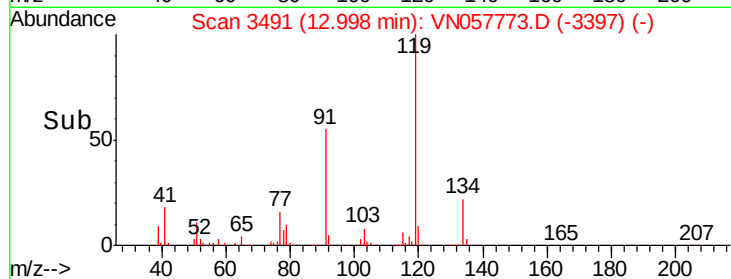
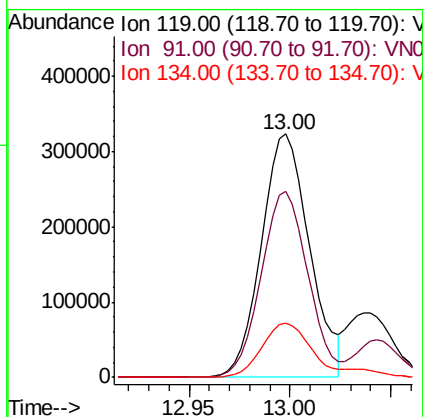
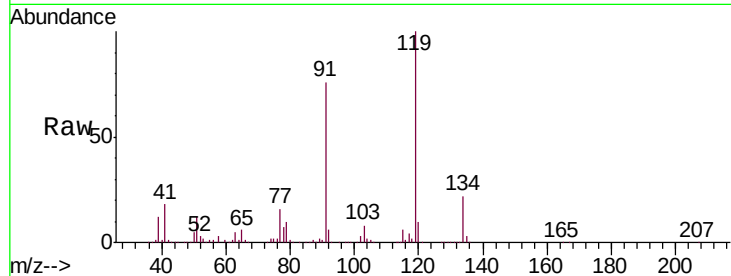




#83
 tert-Butylbenzene
 Concen: 47.562 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057773.D
 Acq: 7 Sep 2019 23:11

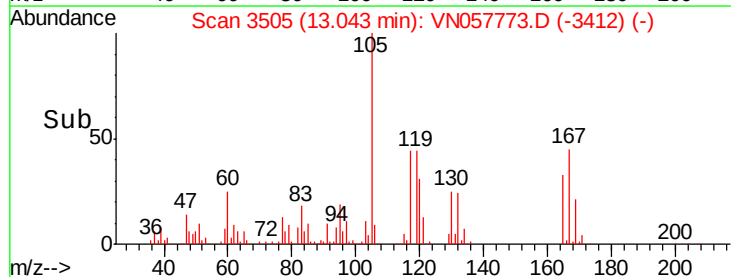
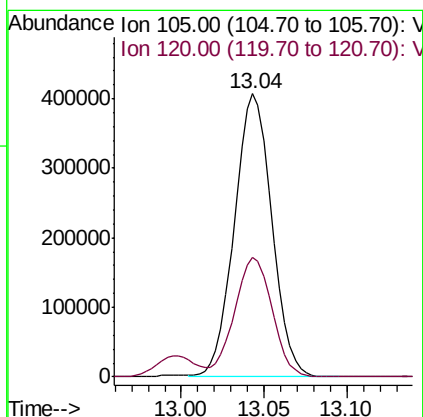
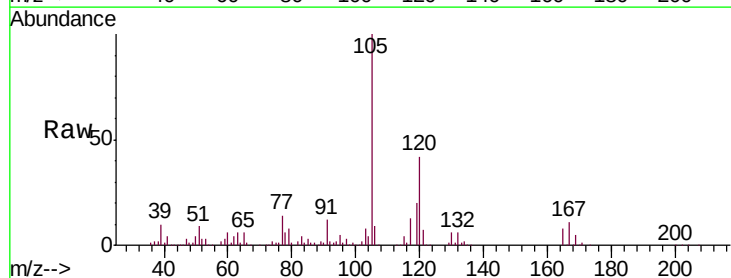
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

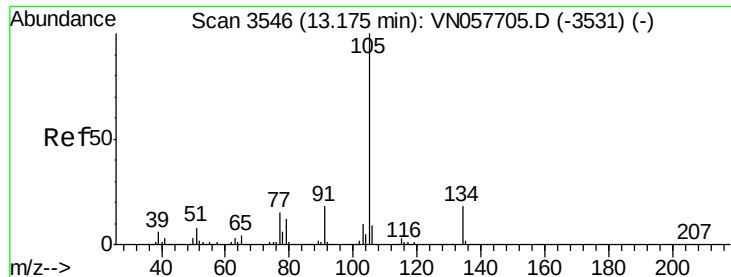
Tgt Ion:119 Resp: 537046
 Ion Ratio Lower Upper
 119 100
 91 74.2 39.6 118.8
 134 22.7 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 48.135 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057773.D
 Acq: 7 Sep 2019 23:11

Tgt Ion:105 Resp: 638637
 Ion Ratio Lower Upper
 105 100
 120 42.6 20.8 62.5





#85

sec-Butylbenzene

Concen: 45.976 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

Instrument :

MSVOA_N

ClientSampled :

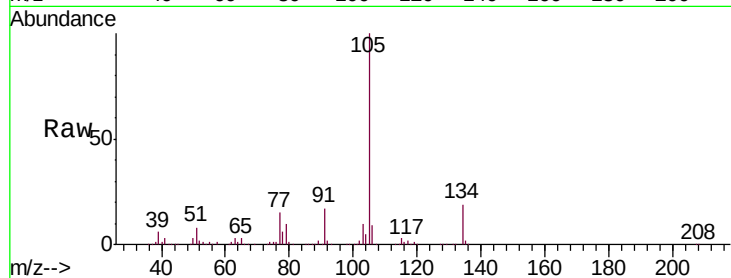
VSTDCCC050

Tgt Ion:105 Resp: 715210

Ion Ratio Lower Upper

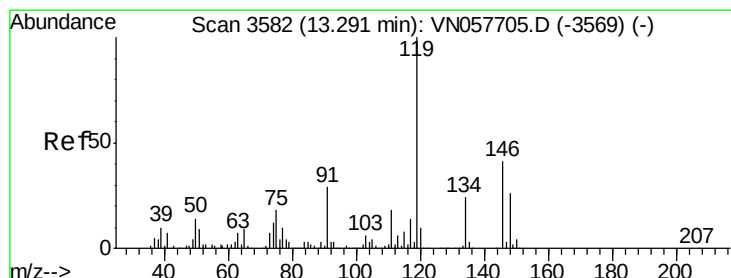
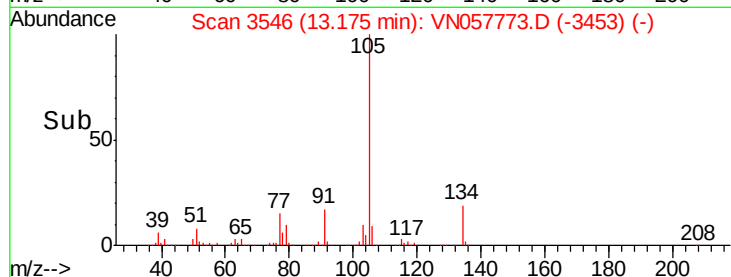
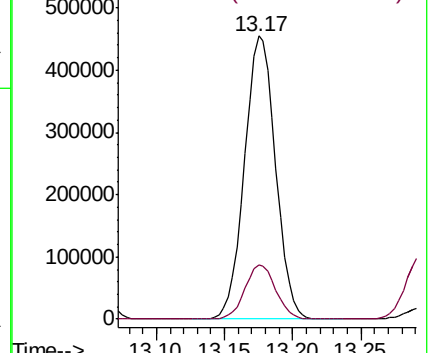
105 100

134 19.1 8.8 26.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.318 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

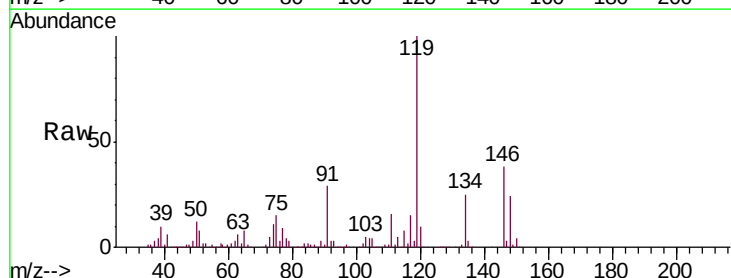
Tgt Ion:119 Resp: 637016

Ion Ratio Lower Upper

119 100

134 25.2 12.4 37.0

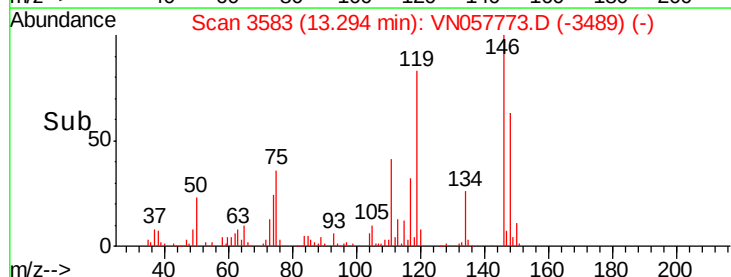
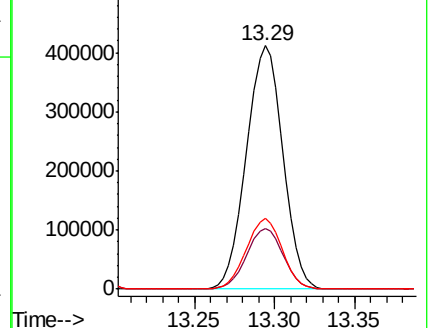
91 28.5 14.8 44.3

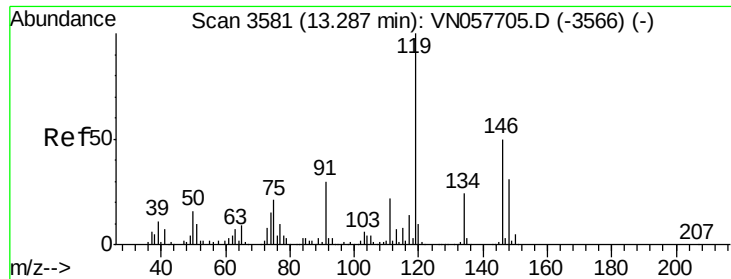


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

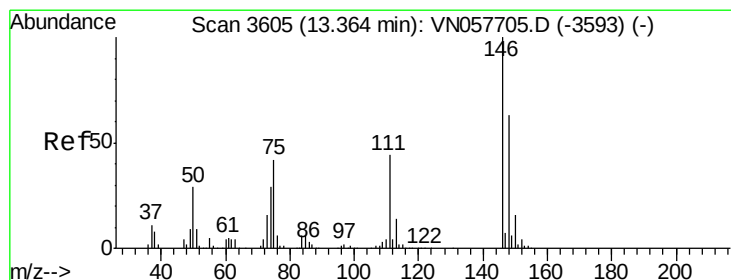
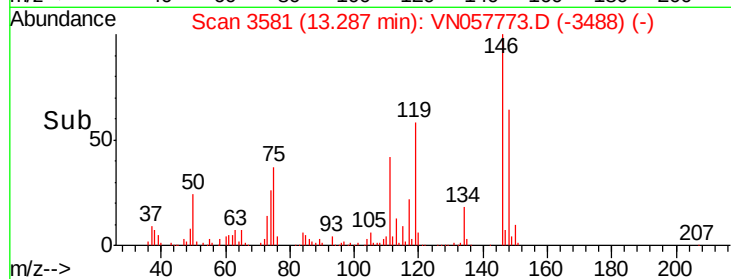
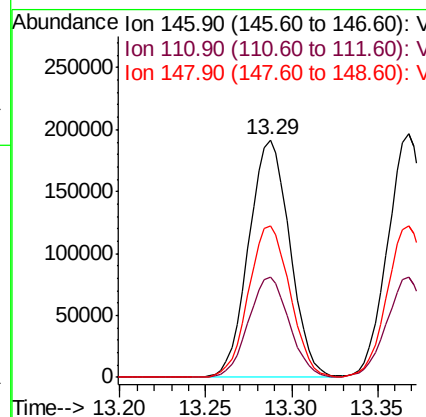
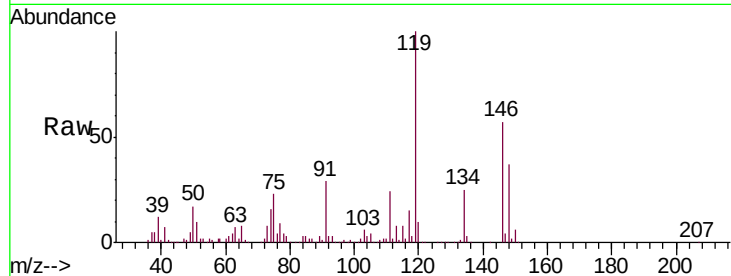




#87
 1,3-Dichlorobenzene
 Concen: 49.747 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN057773.D
 Acq: 7 Sep 2019 23:11

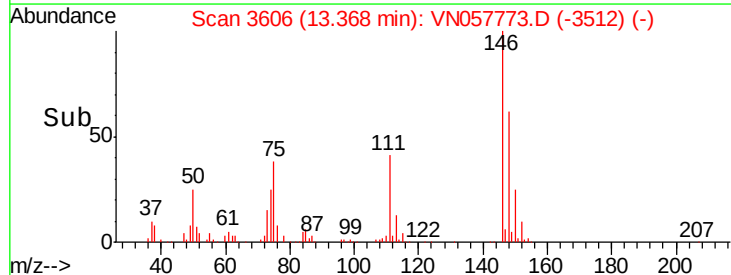
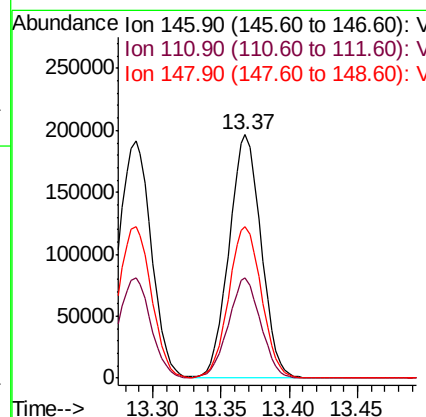
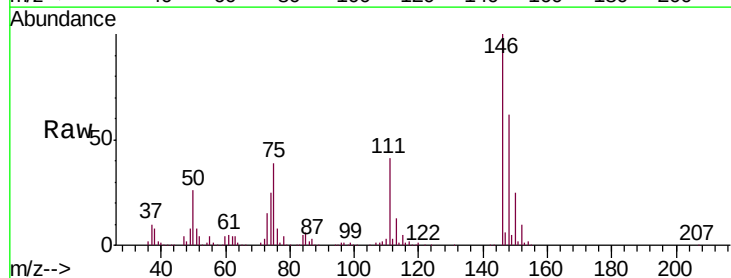
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

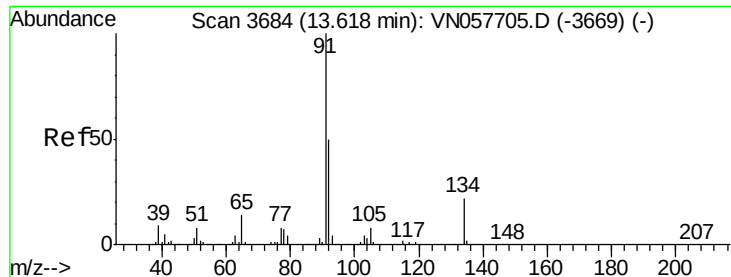
Tgt Ion:146 Resp: 318566
 Ion Ratio Lower Upper
 146 100
 111 41.8 22.3 66.8
 148 64.2 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 49.962 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN057773.D
 Acq: 7 Sep 2019 23:11

Tgt Ion:146 Resp: 320063
 Ion Ratio Lower Upper
 146 100
 111 41.5 22.3 66.9
 148 63.8 31.9 95.7





#89

n-Butylbenzene

Concen: 45.301 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN057773.D

Acq: 7 Sep 2019 23:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

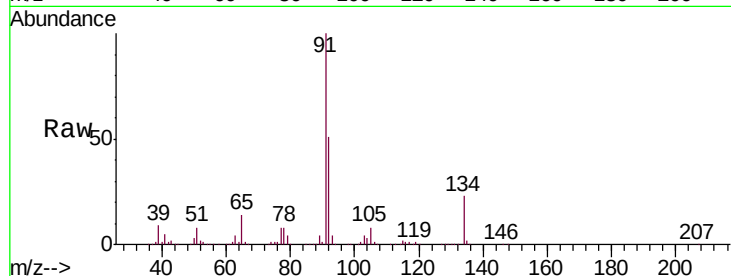
Tgt Ion: 91 Resp: 590648

Ion Ratio Lower Upper

91 100

92 51.0 25.6 76.8

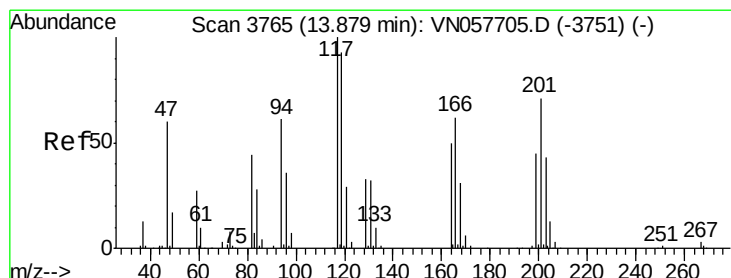
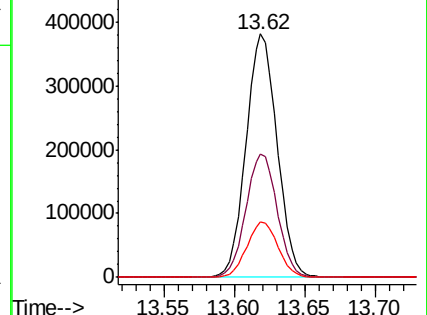
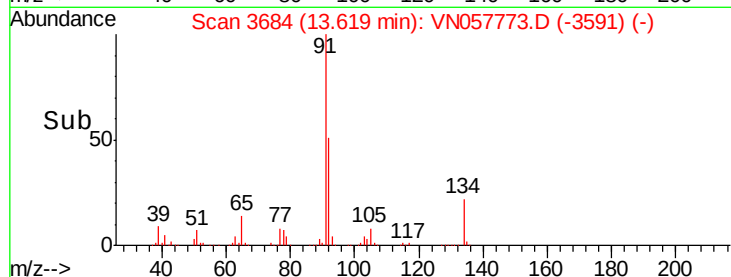
134 22.9 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN057773.D (-3684) (-)

Ion 92.00 (91.70 to 92.70): VN057773.D (-3684) (-)

Ion 134.00 (133.70 to 134.70): VN057773.D (-3684) (-)



#90

Hexachloroethane

Concen: 47.955 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN057773.D

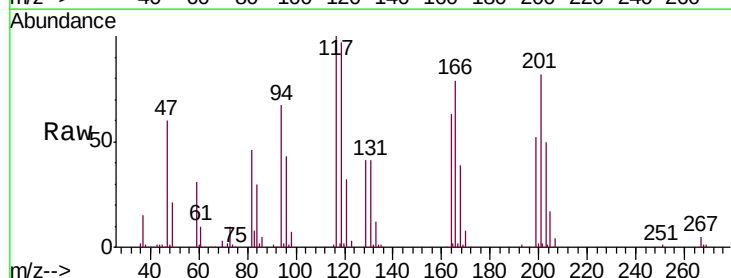
Acq: 7 Sep 2019 23:11

Tgt Ion: 117 Resp: 99062

Ion Ratio Lower Upper

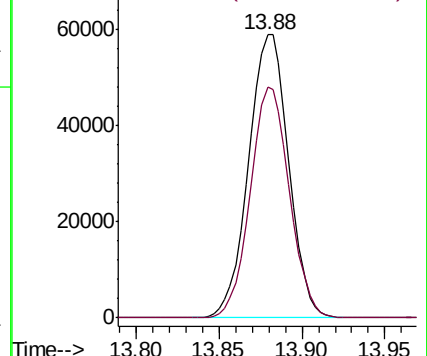
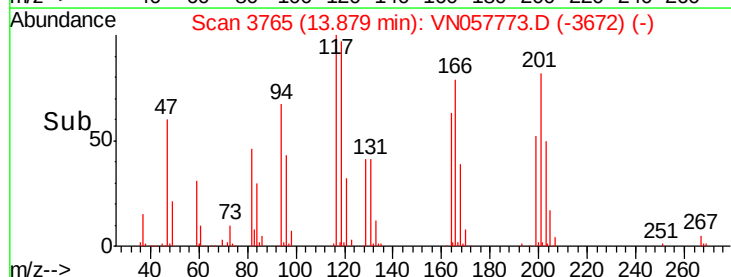
117 100

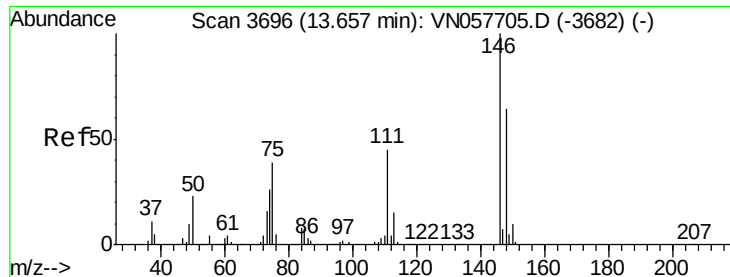
201 79.5 36.4 109.2



Abundance Ion 116.80 (116.50 to 117.50): VN057773.D (-3765) (-)

Ion 200.70 (200.40 to 201.40): VN057773.D (-3765) (-)

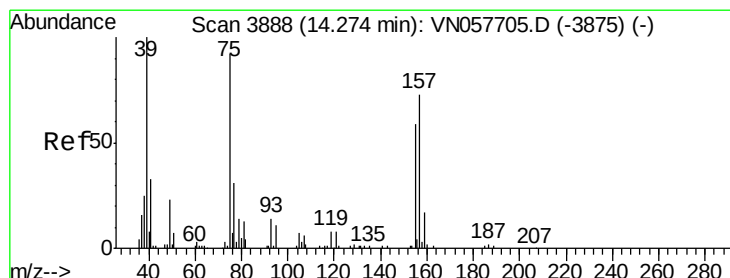
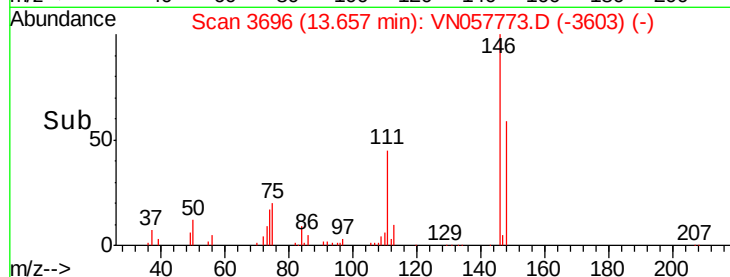
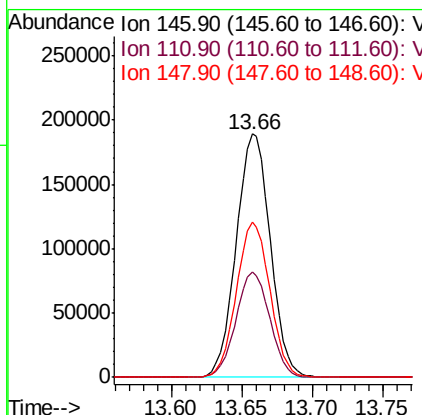
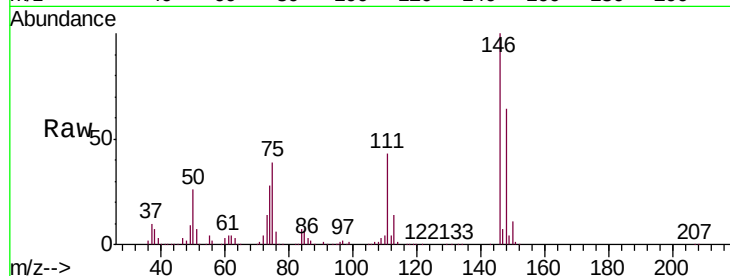




#91
 1,2-Dichlorobenzene
 Concen: 50.910 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN057773.D
 Acq: 7 Sep 2019 23:11

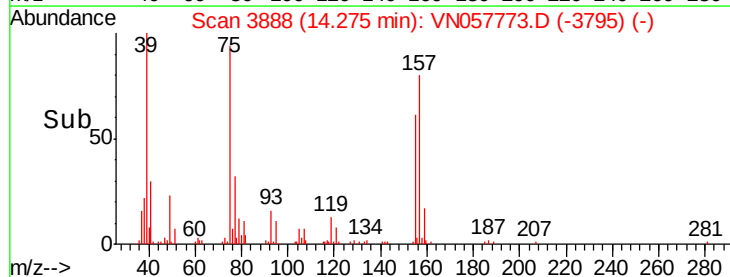
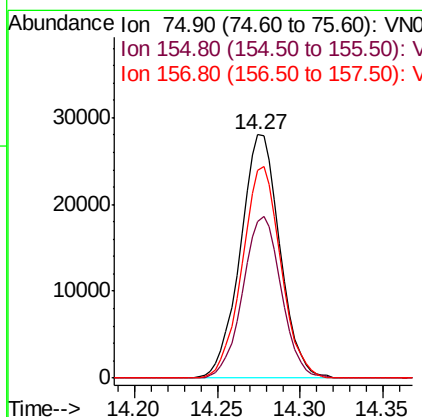
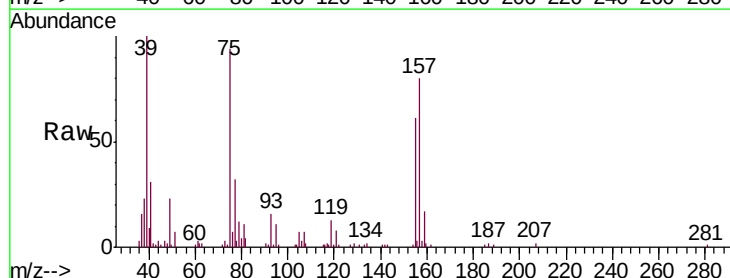
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

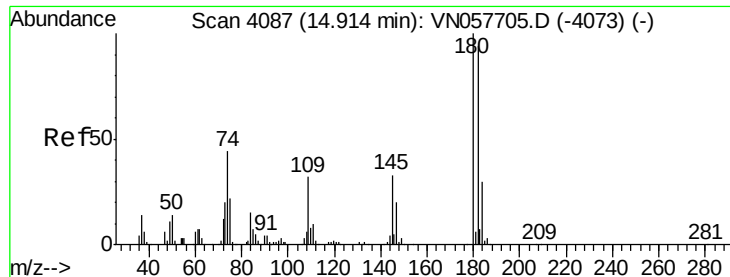
Tgt Ion:146 Resp: 320977
 Ion Ratio Lower Upper
 146 100
 111 42.9 22.8 68.3
 148 62.6 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.043 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN057773.D
 Acq: 7 Sep 2019 23:11

Tgt Ion: 75 Resp: 46613
 Ion Ratio Lower Upper
 75 100
 155 64.5 30.1 90.5
 157 85.0 38.1 114.5

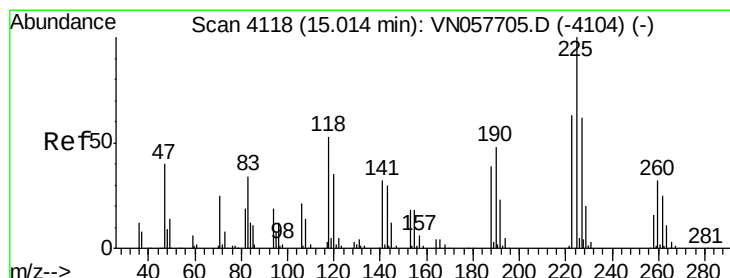
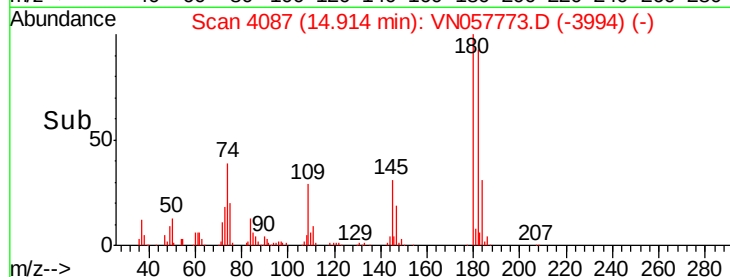
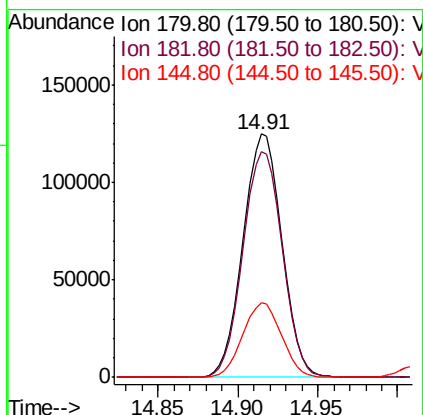
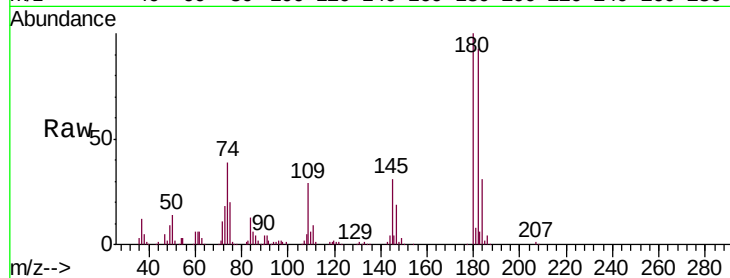




#93
 1,2,4-Trichlorobenzene
 Concen: 54.911 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057773.D
 Acq: 7 Sep 2019 23:11

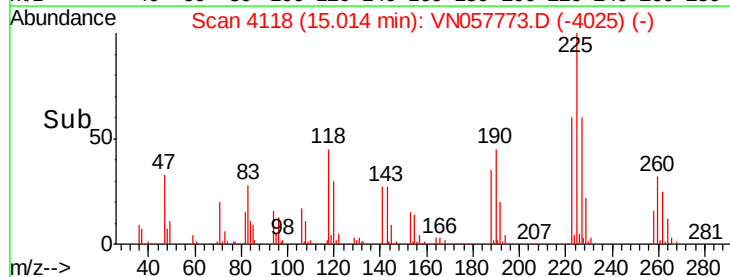
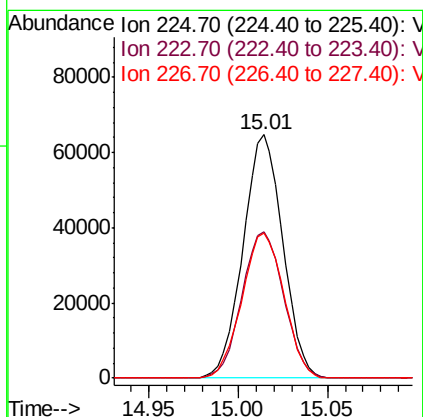
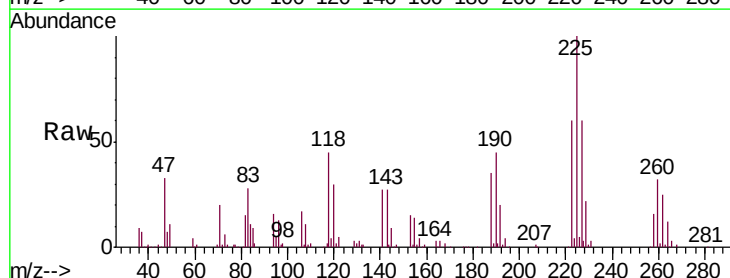
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

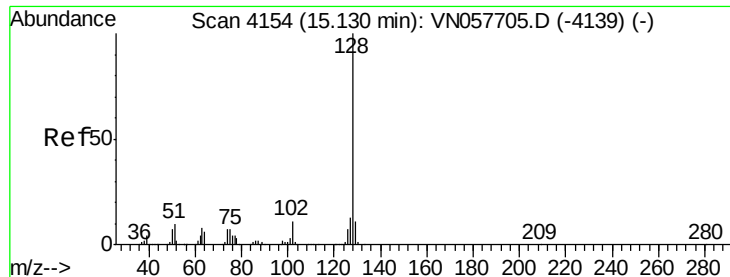
Tgt Ion:180 Resp: 207116
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.6 142.9
 145 30.5 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 54.842 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN057773.D
 Acq: 7 Sep 2019 23:11

Tgt Ion:225 Resp: 100824
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.6 95.0
 227 62.8 31.7 95.1

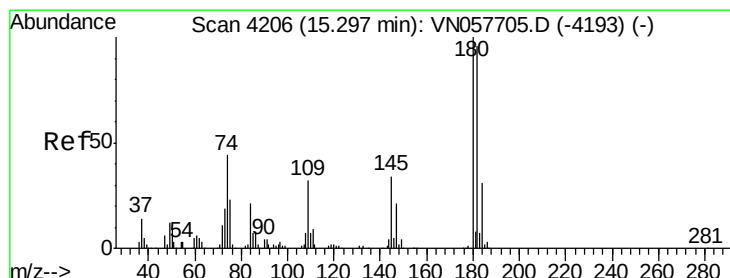
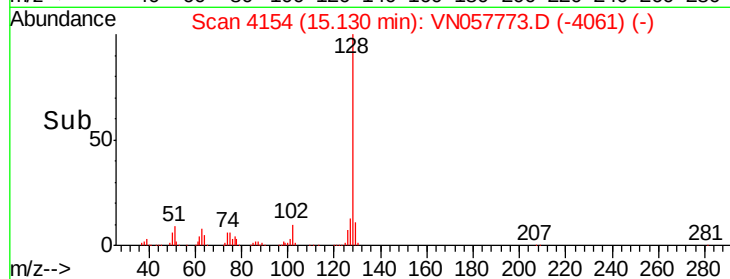
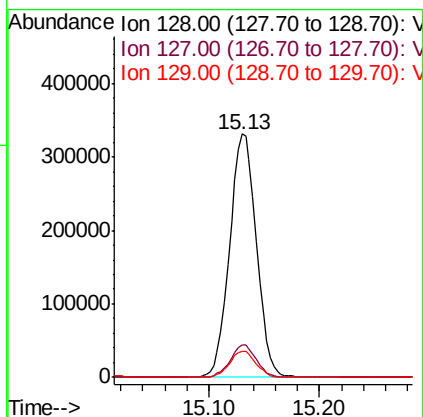
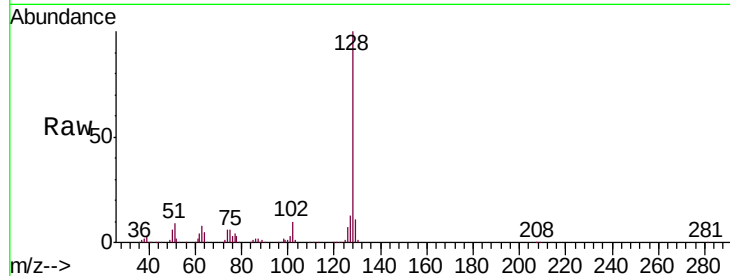




#95
Naphthalene
Concen: 50.968 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN057773.D
Acq: 7 Sep 2019 23:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 557719
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.8 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 53.887 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN057773.D
Acq: 7 Sep 2019 23:11

Tgt Ion:180 Resp: 194825
Ion Ratio Lower Upper
180 100
182 94.6 47.0 141.2
145 32.8 17.5 52.6

