

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061038.D
 Acq On : 17 Apr 2020 1:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 17 04:04:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	164662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	283839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	259890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	121446	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	101062	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
35) Dibromofluoromethane	7.56	113	79485	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
50) Toluene-d8	10.08	98	292633	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
62) 4-Bromofluorobenzene	12.39	95	115437	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	102160	46.962	ug/l	99
3) Chloromethane	2.04	50	134606	46.091	ug/l	100
4) Vinyl Chloride	2.17	62	116884	48.161	ug/l	99
5) Bromomethane	2.54	94	57015	46.846	ug/l	98
6) Chloroethane	2.68	64	69750	49.822	ug/l	100
7) Trichlorofluoromethane	3.00	101	147333	48.762	ug/l	100
8) Diethyl Ether	3.38	74	57572	47.942	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	81684	46.079	ug/l	99
10) Methyl Iodide	3.93	142	85406	54.612	ug/l	99
11) Tert butyl alcohol	4.72	59	85144	227.785	ug/l	99
12) 1,1-Dichloroethene	3.72	96	86844	48.195	ug/l	99
13) Acrolein	3.57	56	67202	212.928	ug/l	99
14) Allyl chloride	4.29	41	152806	44.819	ug/l	99
15) Acrylonitrile	4.94	53	252070	248.715	ug/l	99
16) Acetone	3.78	43	203664	219.635	ug/l	99
17) Carbon Disulfide	4.03	76	262698	46.590	ug/l	100
18) Methyl Acetate	4.28	43	141726	48.741	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	300243	47.787	ug/l	98
20) Methylene Chloride	4.52	84	96182	47.507	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	93331	48.426	ug/l	95
22) Diisopropyl ether	5.91	45	340671	48.111	ug/l	99
23) Vinyl Acetate	5.85	43	1349625	243.059	ug/l	100
24) 1,1-Dichloroethane	5.81	63	182968	47.843	ug/l	100
25) 2-Butanone	6.79	43	335288	235.962	ug/l	99
26) 2,2-Dichloropropane	6.79	77	128861	40.468	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	106007	47.910	ug/l	98
28) Bromochloromethane	7.16	49	86288	49.153	ug/l	100
29) Tetrahydrofuran	7.17	42	229713	238.128	ug/l	99
30) Chloroform	7.34	83	173563	48.657	ug/l	98
31) Cyclohexane	7.63	56	177655	45.269	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	149880	48.576	ug/l	100
36) 1,1-Dichloropropene	7.77	75	136072	46.457	ug/l	100
37) Ethyl Acetate	6.89	43	145267	45.676	ug/l	99
38) Carbon Tetrachloride	7.75	117	119893	49.177	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061038.D
 Acq On : 17 Apr 2020 1:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 17 04:04:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	159552	45.564	ug/l	98
40) Benzene	8.02	78	406728	46.808	ug/l	99
41) Methacrylonitrile	7.13	41	58375	44.006	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	141266	47.724	ug/l	100
43) Isopropyl Acetate	8.14	43	245319	47.428	ug/l	100
44) Trichloroethene	8.81	130	100421	45.994	ug/l	100
45) 1,2-Dichloropropane	9.10	63	109992	46.865	ug/l	97
46) Dibromomethane	9.19	93	66673	49.271	ug/l	99
47) Bromodichloromethane	9.38	83	136803	47.856	ug/l	97
48) Methyl methacrylate	9.18	41	110423	48.307	ug/l	99
49) 1,4-Dioxane	9.17	88	28410	896.548	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	719962	241.454	ug/l	100
52) Toluene	10.14	92	244123	46.831	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	157143	47.324	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	167731	46.296	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	94057	47.680	ug/l	97
56) Ethyl methacrylate	10.42	69	154351	49.758	ug/l	99
57) 1,3-Dichloropropane	10.69	76	166687	47.372	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	367279	260.563	ug/l	100
59) 2-Hexanone	10.74	43	537930	250.154	ug/l	98
60) Dibromochloromethane	10.89	129	101046	49.864	ug/l	99
61) 1,2-Dibromoethane	10.99	107	97516	48.512	ug/l	99
64) Tetrachloroethene	10.62	164	91791	46.156	ug/l	99
65) Chlorobenzene	11.42	112	249440	46.493	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	91670	47.758	ug/l	100
67) Ethyl Benzene	11.50	91	474221	46.990	ug/l	99
68) m/p-Xylenes	11.61	106	346091	94.892	ug/l	100
69) o-Xylene	11.94	106	165311	47.141	ug/l	99
70) Styrene	11.96	104	278498	49.331	ug/l	99
71) Bromoform	12.12	173	71317	49.776	ug/l #	100
73) Isopropylbenzene	12.24	105	444156	45.650	ug/l	100
74) N-amyl acetate	12.06	43	215982	47.735	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	139662	47.024	ug/l	99
76) 1,2,3-Trichloropropane	12.54	75	187023	70.012	ug/l #	100
77) Bromobenzene	12.52	156	104662	46.072	ug/l	99
78) n-propylbenzene	12.58	91	531238	46.668	ug/l	100
79) 2-Chlorotoluene	12.67	91	308821	46.256	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	376116	46.768	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	47246	43.625	ug/l	99
82) 4-Chlorotoluene	12.77	91	321579	46.442	ug/l	100
83) tert-Butylbenzene	12.99	119	310328	45.883	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	374330	47.088	ug/l	99
85) sec-Butylbenzene	13.17	105	423864	46.253	ug/l	100
86) p-Isopropyltoluene	13.28	119	381460	46.746	ug/l	100
87) 1,3-Dichlorobenzene	13.27	146	188864	46.650	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	187362	46.002	ug/l	100
89) n-Butylbenzene	13.61	91	349364	46.039	ug/l	100
90) Hexachloroethane	13.87	117	57899	46.246	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	181137	46.878	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	29149	50.711	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
Data File : VN061038.D
Acq On : 17 Apr 2020 1:23
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 17 04:04:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration

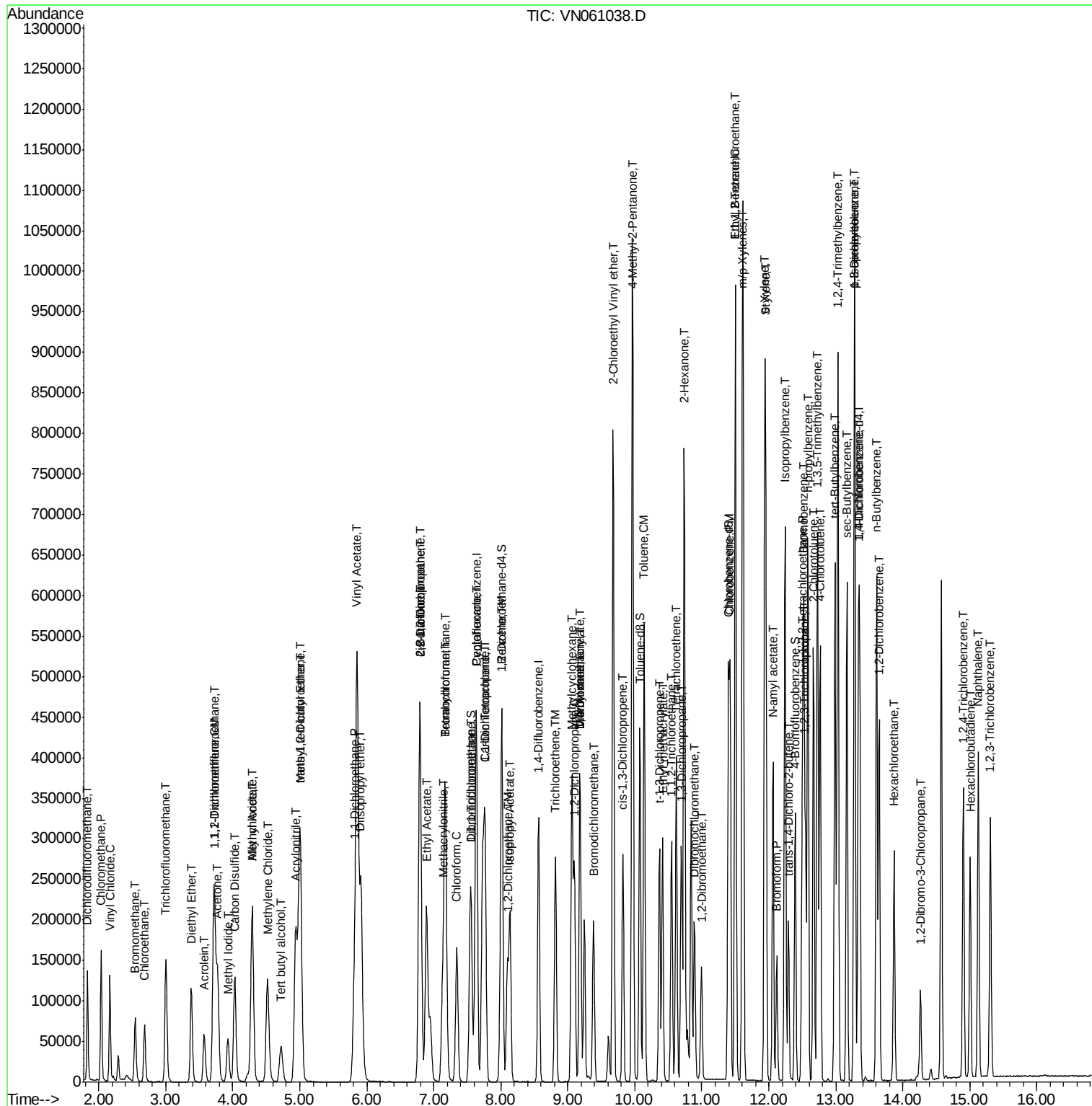
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	110415	48.279	ug/l	100
94) Hexachlorobutadiene	15.00	225	51119	43.449	ug/l	99
95) Naphthalene	15.13	128	335572	50.312	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	107579	48.811	ug/l	100

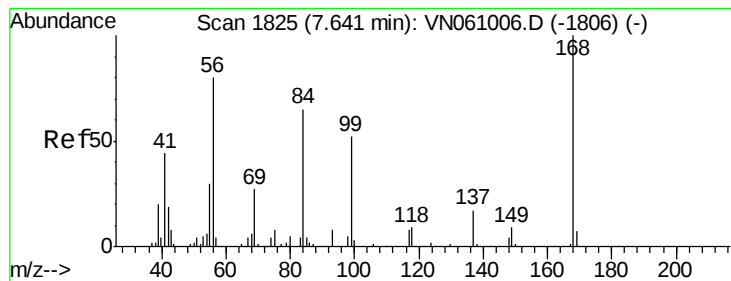
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
Data File : VN061038.D
Acq On : 17 Apr 2020 1:23
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 17 04:04:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061038.D

Acq: 17 Apr 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

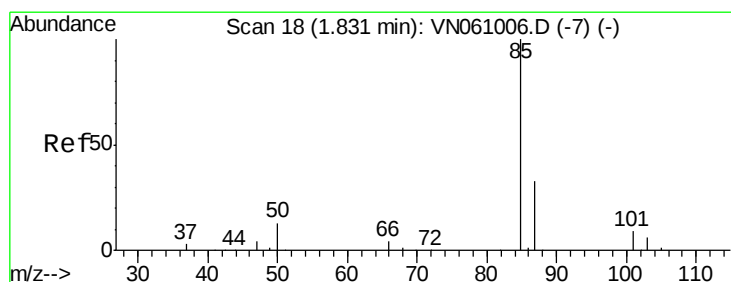
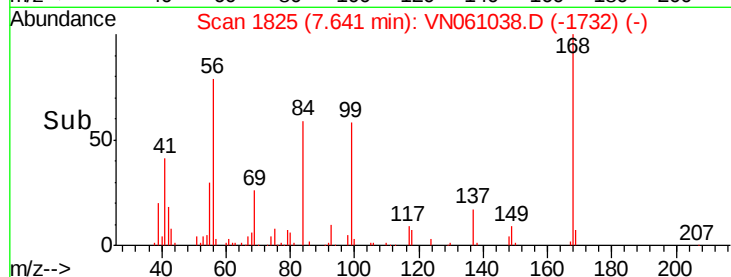
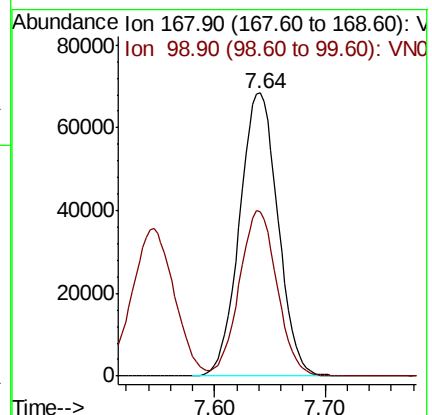
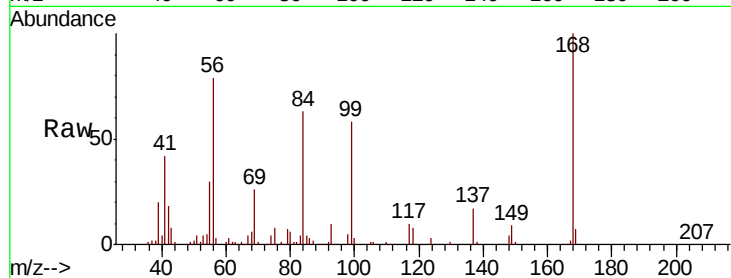
VSTDCCC050EC

Tot Ion:168 Resp: 164662

Ion Ratio Lower Upper

168 100

99 58.3 47.4 71.2



#2

Dichlorodifluoromethane

Concen: 46.962 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061038.D

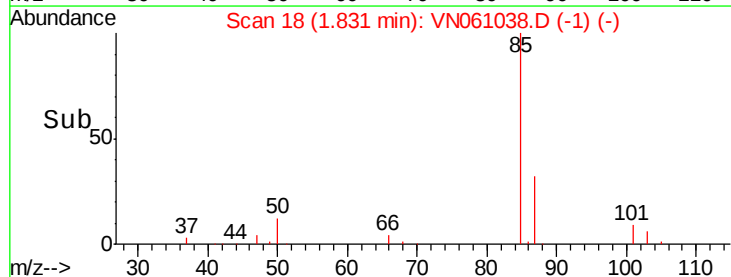
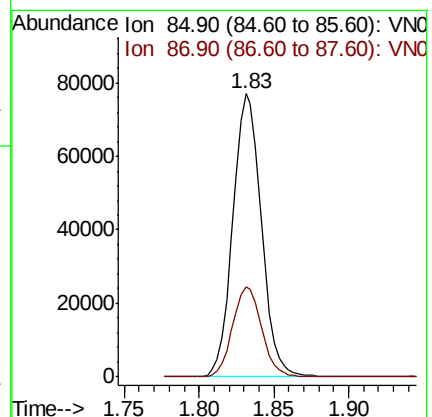
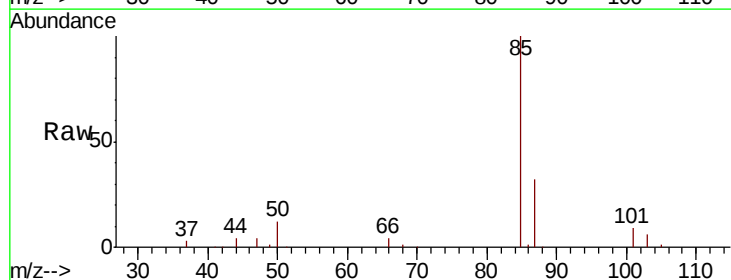
Acq: 17 Apr 2020 1:23

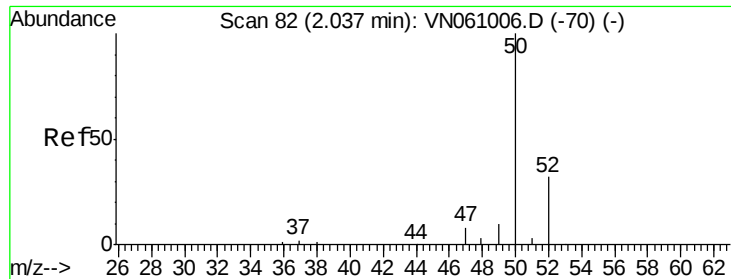
Tgt Ion: 85 Resp: 102160

Ion Ratio Lower Upper

85 100

87 31.9 16.3 48.9

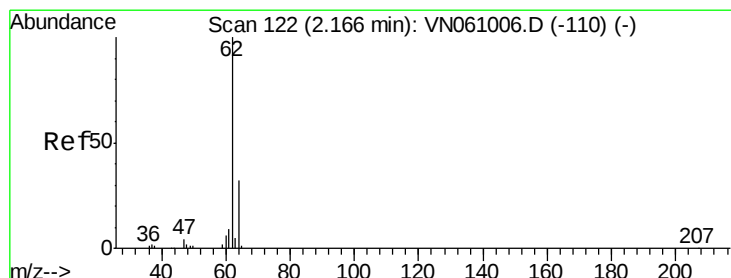
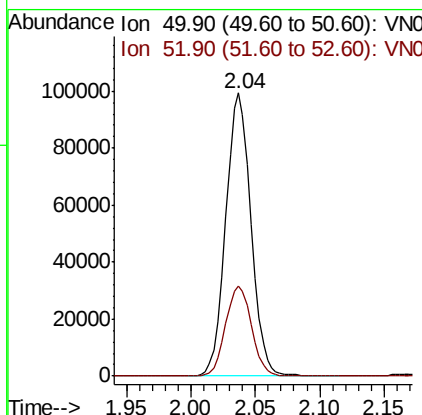
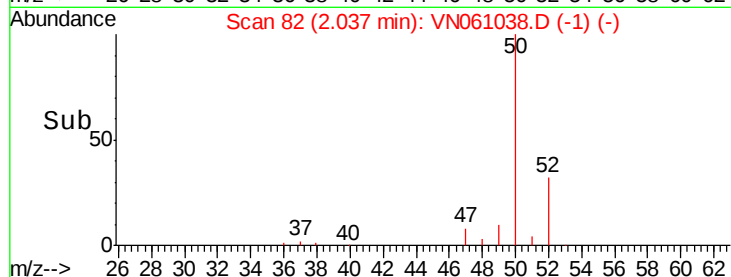
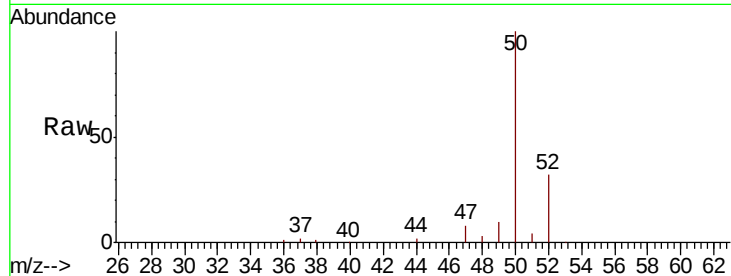




#3
 Chloromethane
 Concen: 46.091 ug/l
 RT: 2.04 min Scan# 82
 Delta R.T. -0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

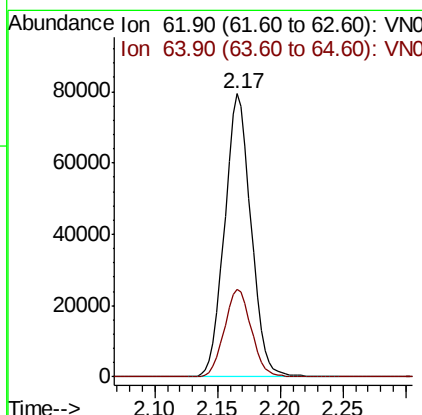
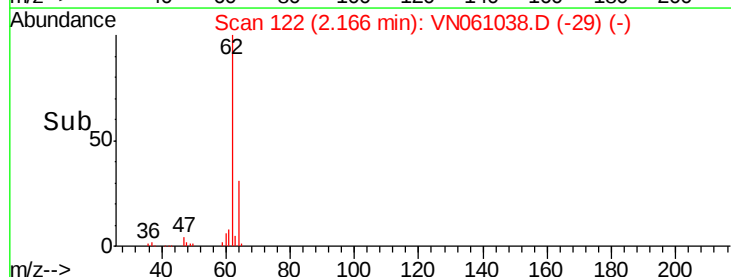
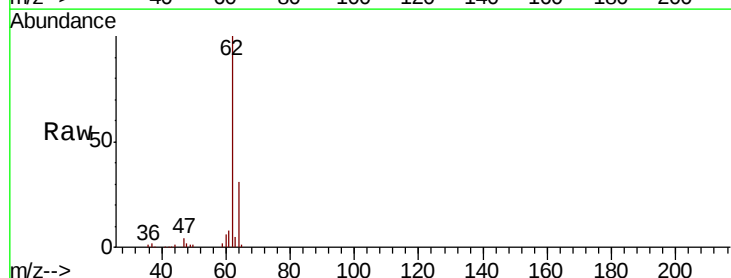
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

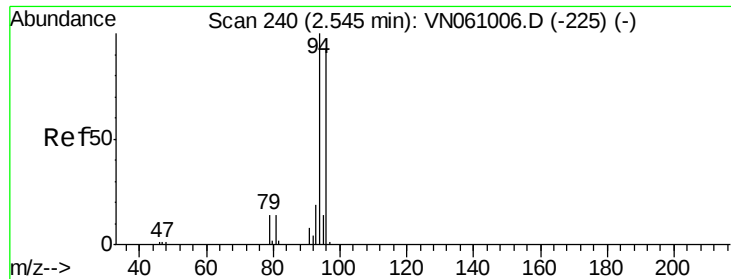
Tot Ion: 50 Resp: 134606
 Ion Ratio Lower Upper
 50 100
 52 31.8 25.6 38.4



#4
 Vinyl Chloride
 Concen: 48.161 ug/l
 RT: 2.17 min Scan# 122
 Delta R.T. 0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

Tgt Ion: 62 Resp: 116884
 Ion Ratio Lower Upper
 62 100
 64 31.1 25.4 38.0





#5

Bromomethane

Concen: 46.846 ug/l

RT: 2.54 min Scan# 240

Delta R.T. -0.00 min

Lab File: VN061038.D

Acq: 17 Apr 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

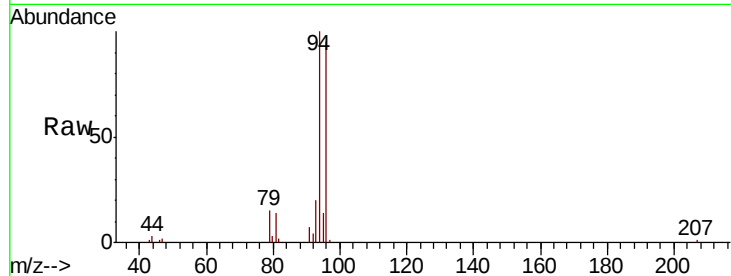
VSTDCCC050EC

Tot Ion: 94 Resp: 57015

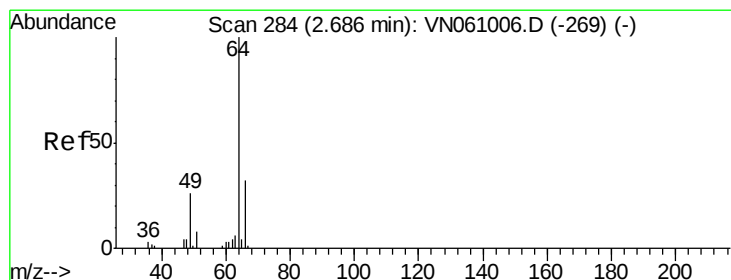
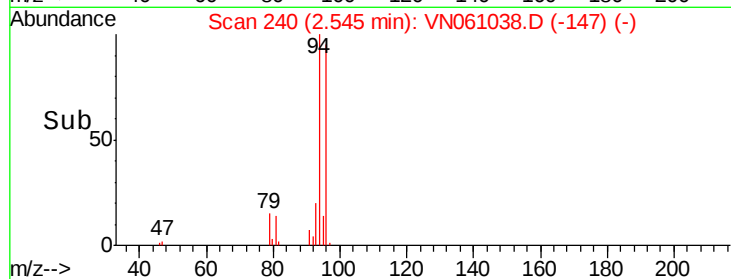
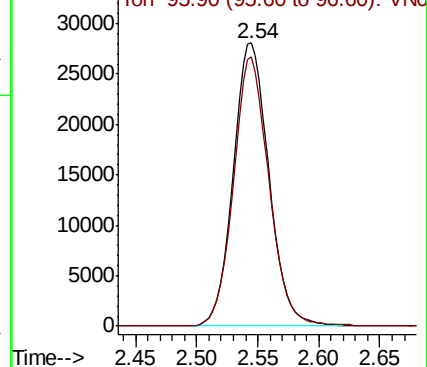
Ion Ratio Lower Upper

94 100

96 95.1 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN061038.D (-147) (-)



#6

Chloroethane

Concen: 49.822 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN061038.D

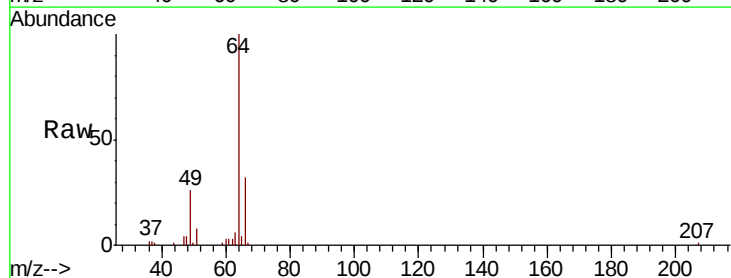
Acq: 17 Apr 2020 1:23

Tgt Ion: 64 Resp: 69750

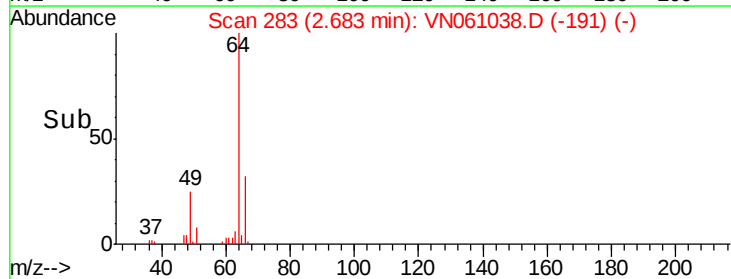
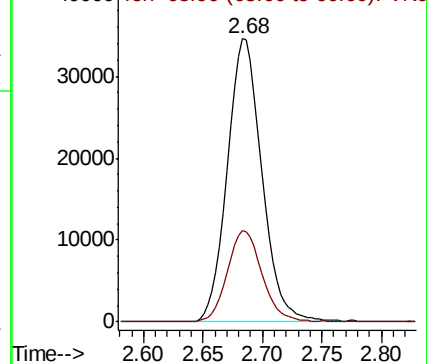
Ion Ratio Lower Upper

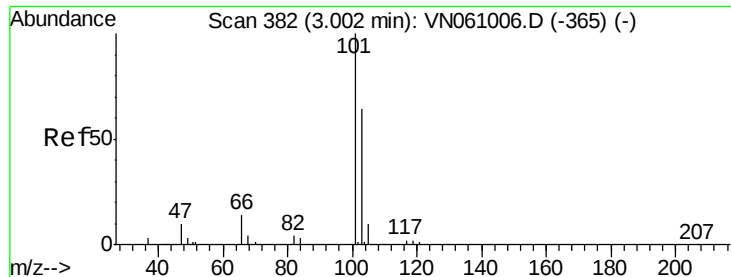
64 100

66 32.1 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN061038.D (-191) (-)



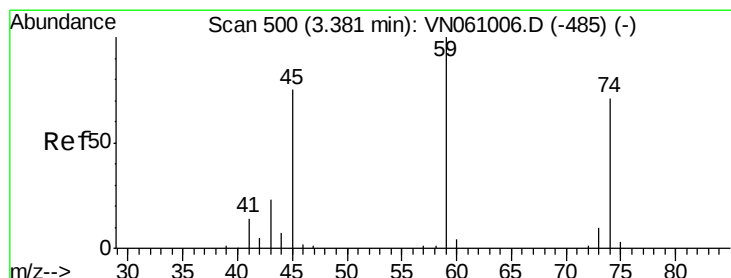
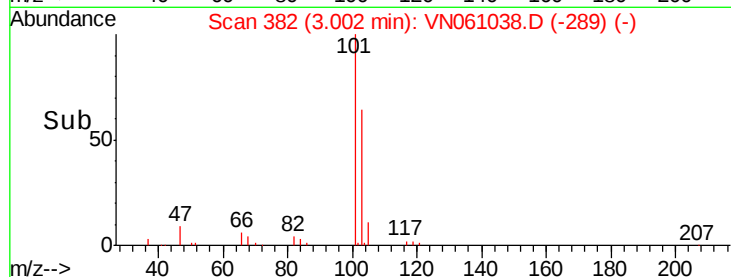
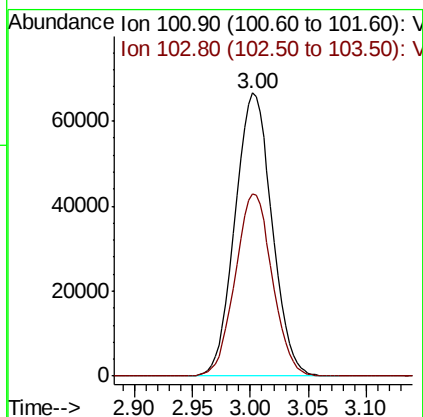
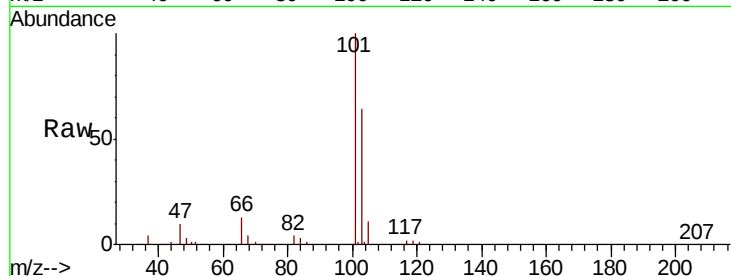


#7

Trichlorofluoromethane
 Concen: 48.762 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

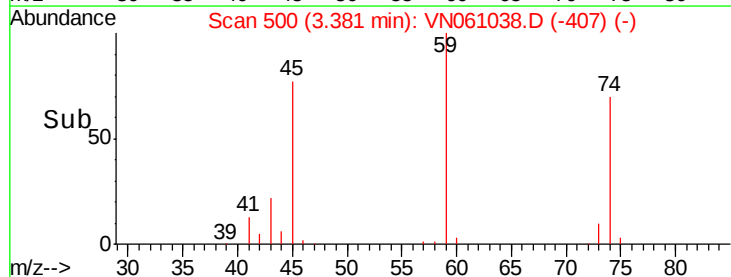
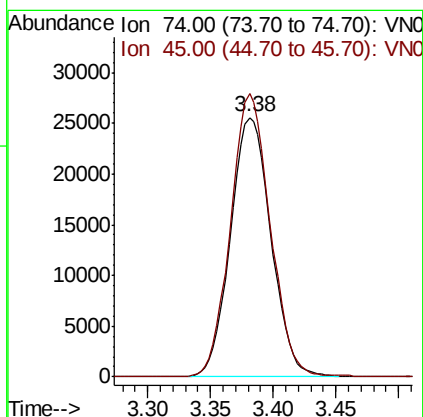
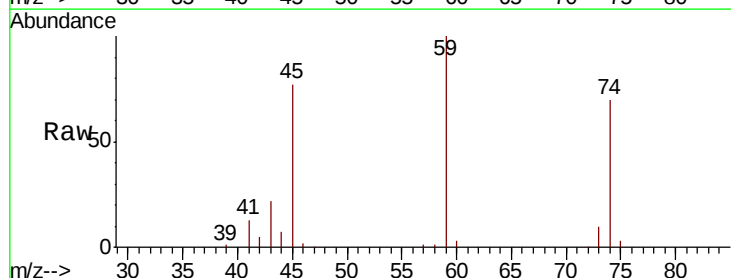
Tot Ion:101 Resp: 147333
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.4 77.2

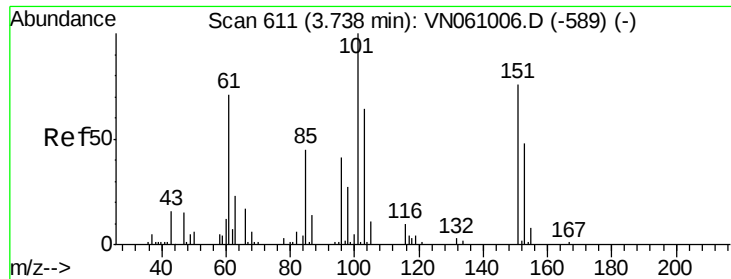


#8

Diethyl Ether
 Concen: 47.942 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

Tgt Ion: 74 Resp: 57572
 Ion Ratio Lower Upper
 74 100
 45 106.5 52.9 158.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.079 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN061038.D

Acq: 17 Apr 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

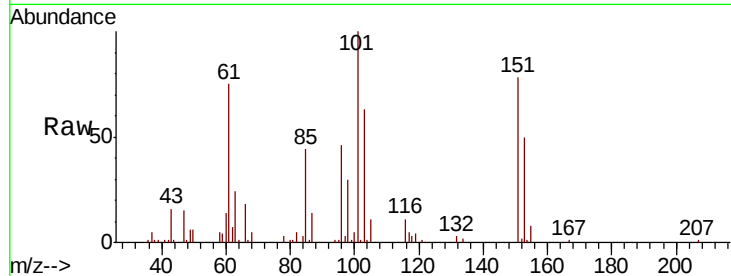
Tot Ion:101 Resp: 81684

Ion Ratio Lower Upper

101 100

85 44.4 35.9 53.9

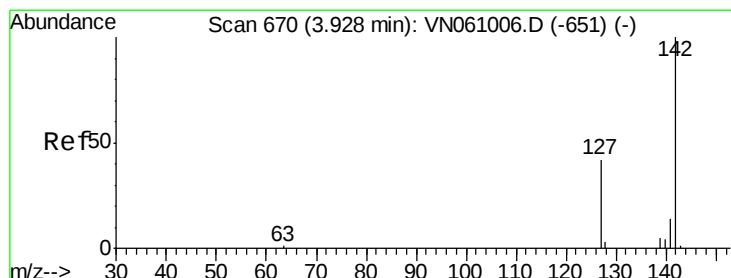
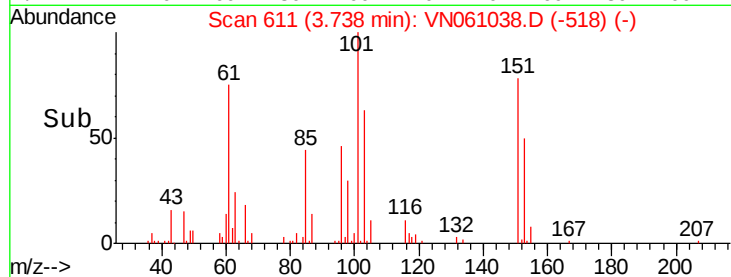
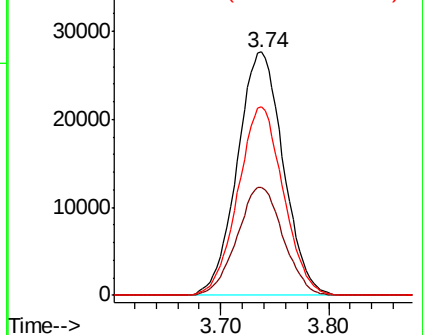
151 76.8 60.8 91.2



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: 54.612 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN061038.D

Acq: 17 Apr 2020 1:23

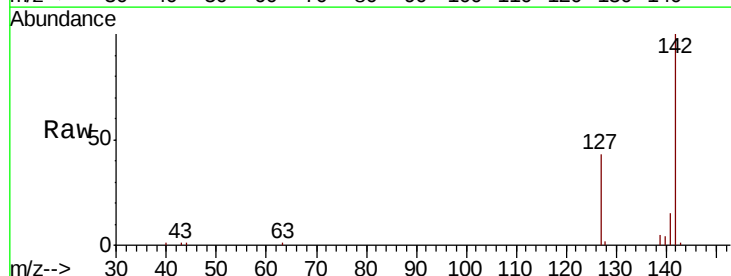
Tgt Ion:142 Resp: 85406

Ion Ratio Lower Upper

142 100

127 42.7 33.4 50.2

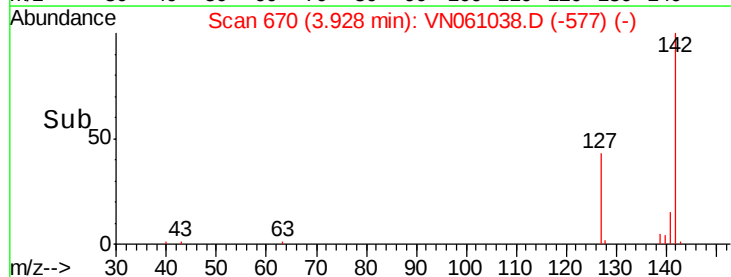
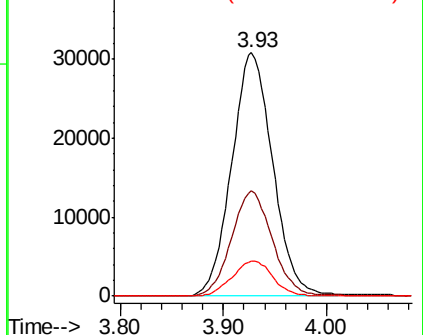
141 14.3 11.0 16.6

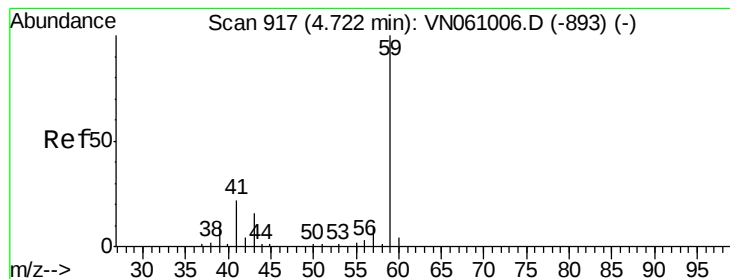


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



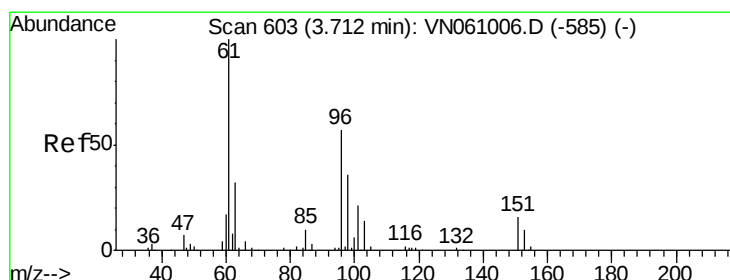
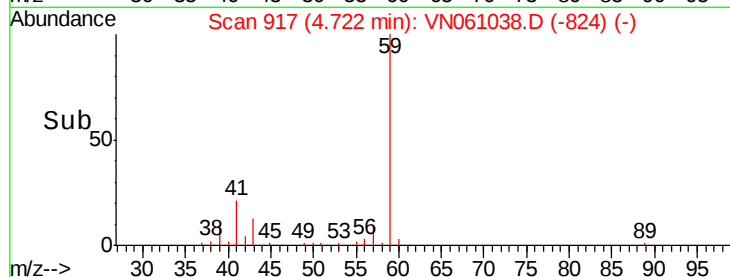
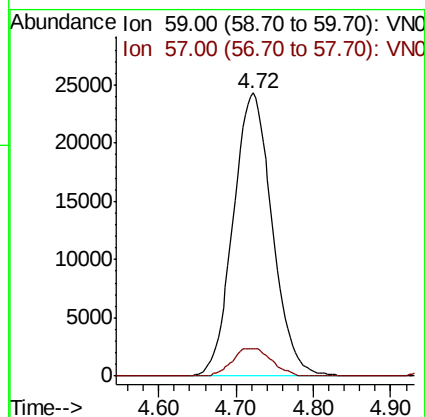
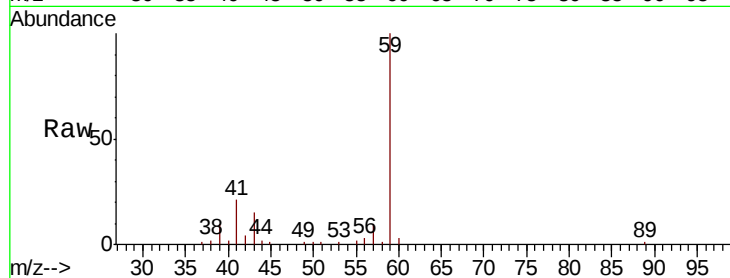


#11

Tert butyl alcohol
 Concen: 227.785 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. 0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

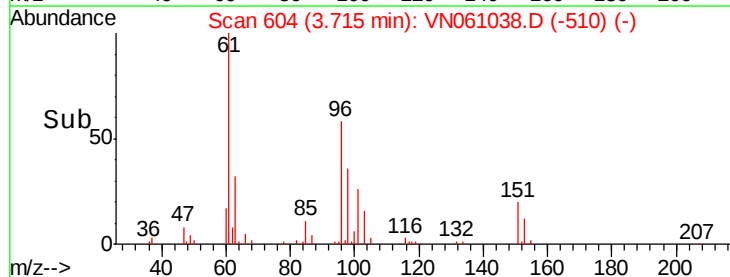
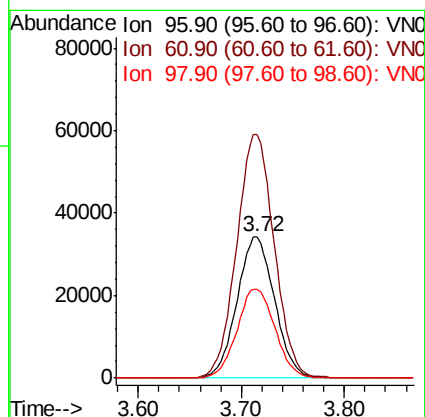
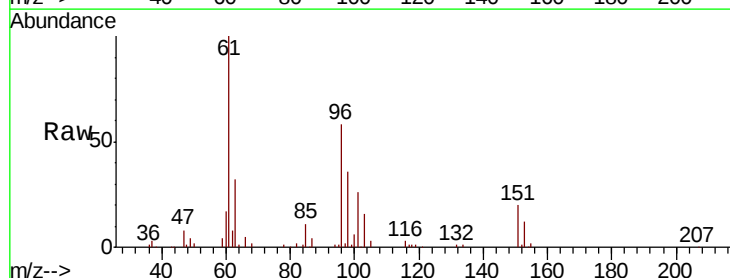
Tot Ion: 59 Resp: 85144
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.1 12.1

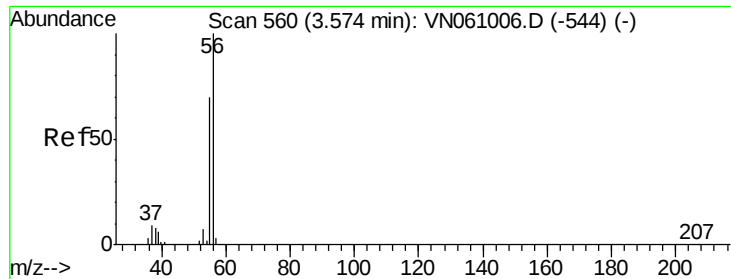


#12

1,1-Dichloroethene
 Concen: 48.195 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

Tgt Ion: 96 Resp: 86844
 Ion Ratio Lower Upper
 96 100
 61 171.6 139.2 208.8
 98 62.2 50.0 75.0





#13

Acrolein

Concen: 212.928 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN061038.D

Acq: 17 Apr 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

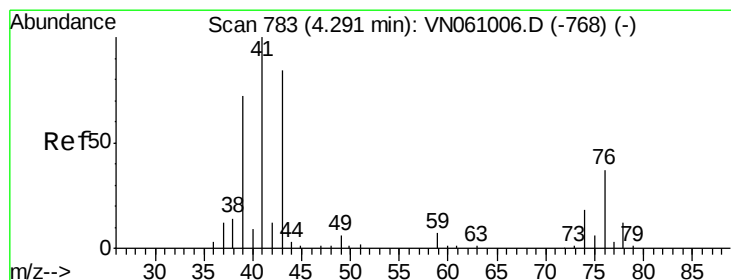
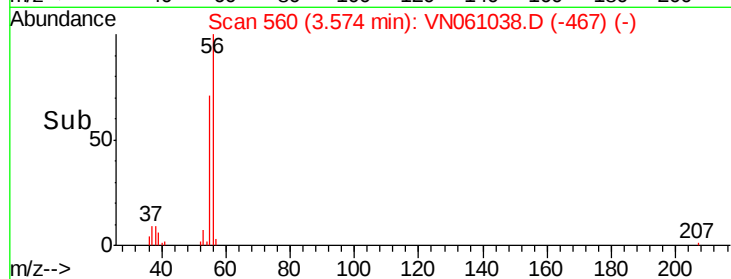
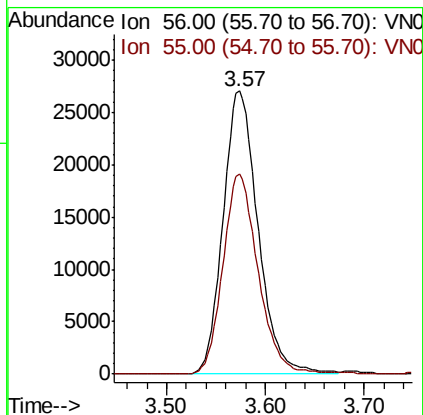
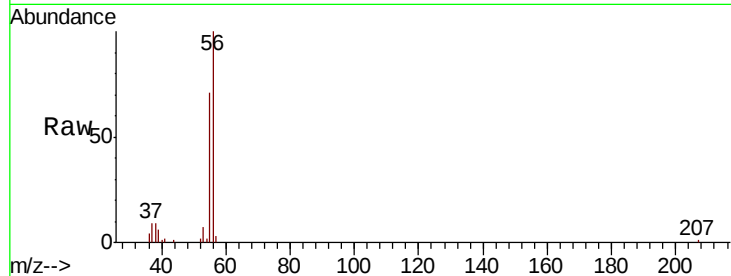
VSTDCCC050EC

Tot Ion: 56 Resp: 67202

Ion Ratio Lower Upper

56 100

55 70.8 57.0 85.6



#14

Allyl chloride

Concen: 44.819 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN061038.D

Acq: 17 Apr 2020 1:23

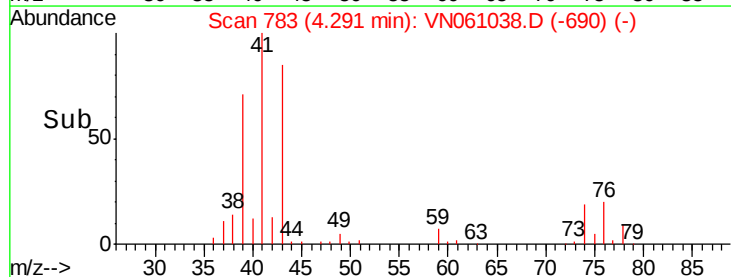
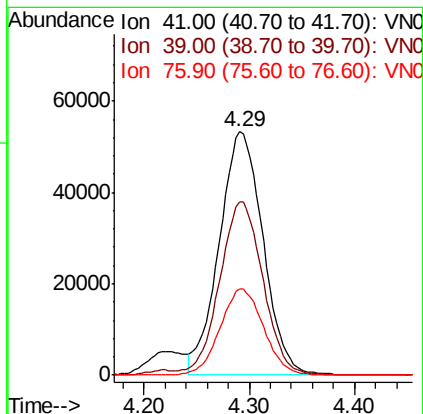
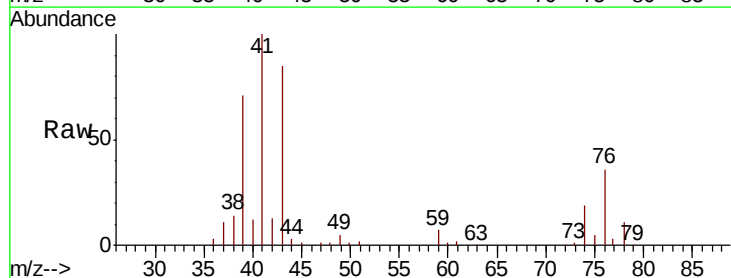
Tgt Ion: 41 Resp: 152806

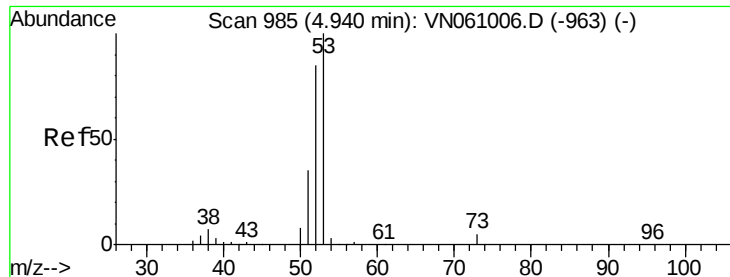
Ion Ratio Lower Upper

41 100

39 71.0 56.3 84.5

76 35.3 27.7 41.5





#15

Acrylonitrile

Concen: 248.715 ug/l

RT: 4.94 min Scan# 984

Delta R.T. -0.00 min

Lab File: VN061038.D

Acq: 17 Apr 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

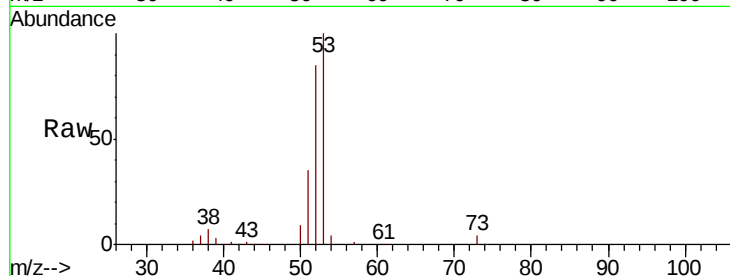
Tot Ion: 53 Resp: 252070

Ion Ratio Lower Upper

53 100

52 82.5 66.8 100.2

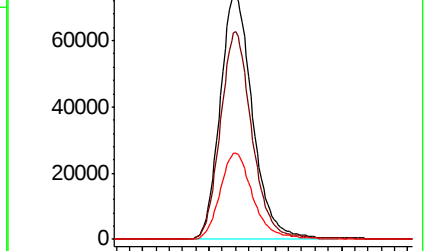
51 35.7 28.9 43.3



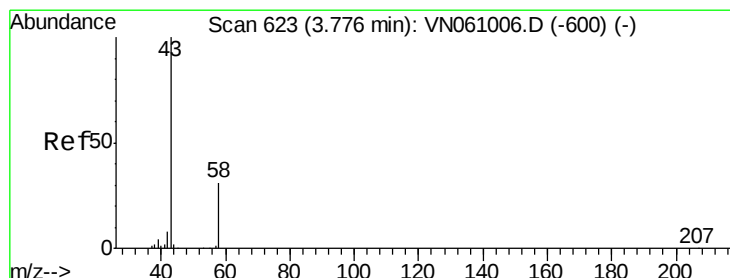
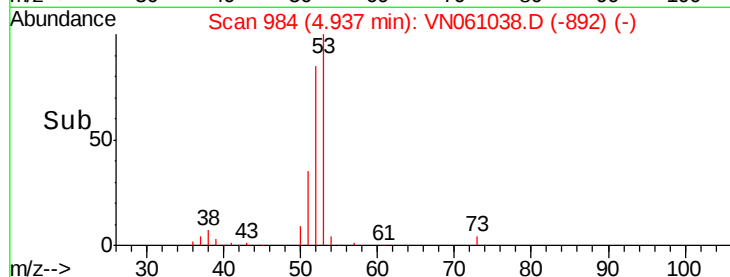
Abundance Ion 53.00 (52.70 to 53.70): VN061038.D (-963) (-)

Ion 52.00 (51.70 to 52.70): VN061038.D (-963) (-)

Ion 51.00 (50.70 to 51.70): VN061038.D (-963) (-)



Time-->



#16

Acetone

Concen: 219.635 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061038.D

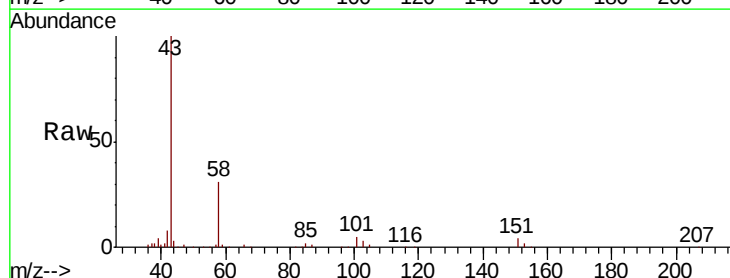
Acq: 17 Apr 2020 1:23

Tgt Ion: 43 Resp: 203664

Ion Ratio Lower Upper

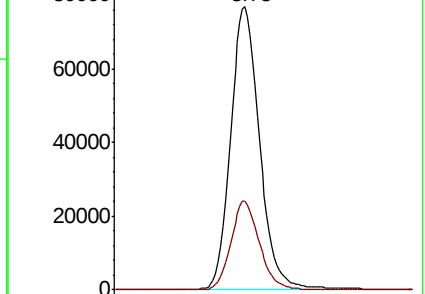
43 100

58 31.5 24.6 37.0

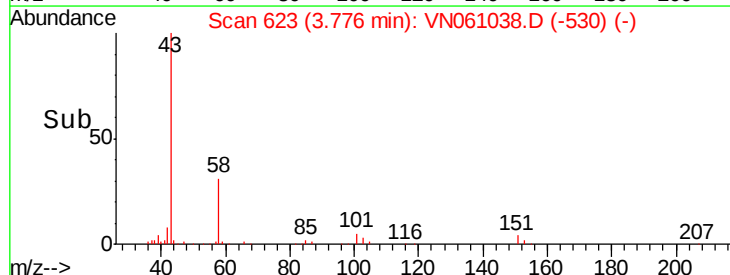


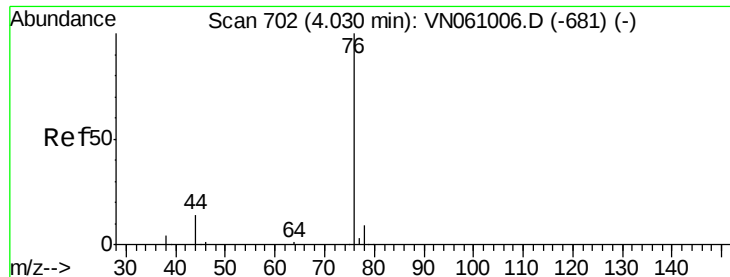
Abundance Ion 43.00 (42.70 to 43.70): VN061038.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN061038.D (-530) (-)



Time-->

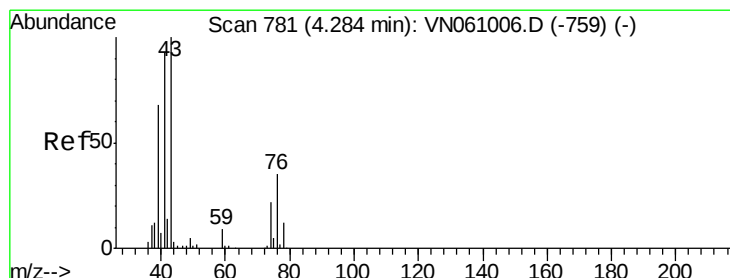
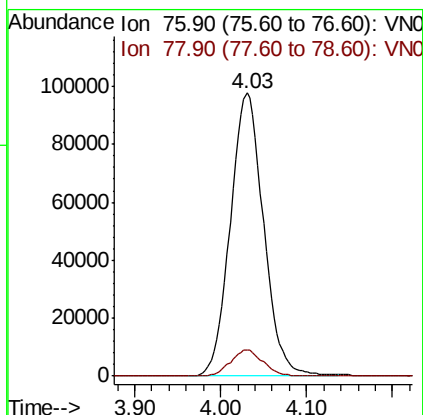
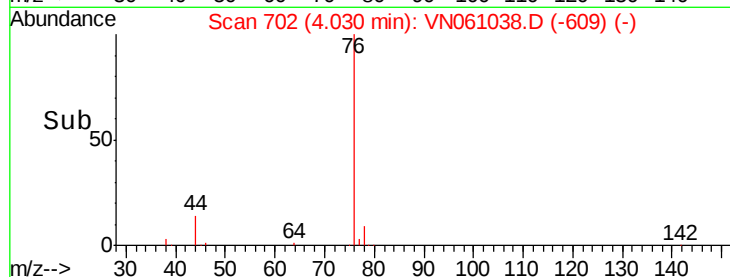
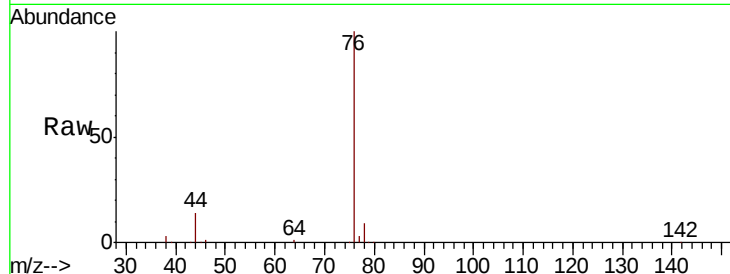




#17
Carbon Disulfide
Concen: 46.590 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

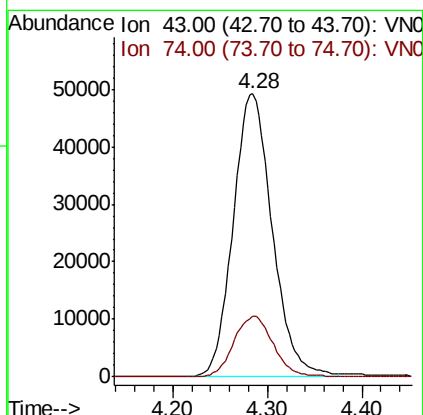
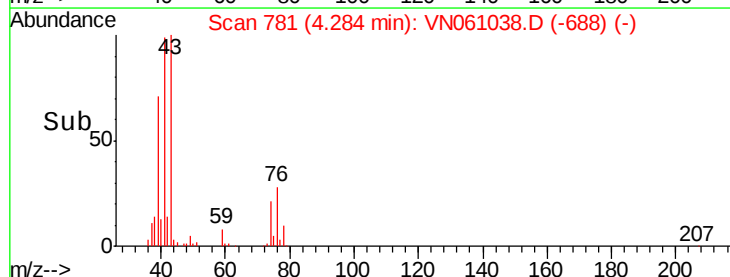
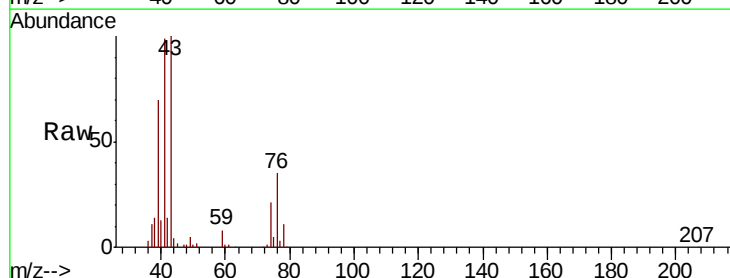
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

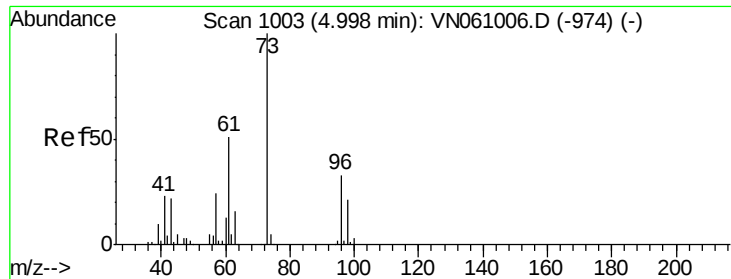
Tot Ion: 76 Resp: 262698
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4



#18
Methyl Acetate
Concen: 48.741 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.00 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

Tgt Ion: 43 Resp: 141726
Ion Ratio Lower Upper
43 100
74 21.6 17.4 26.0

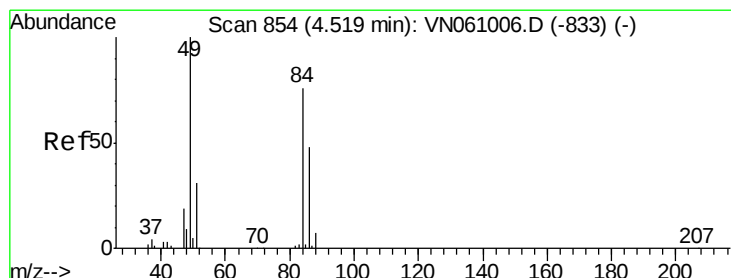
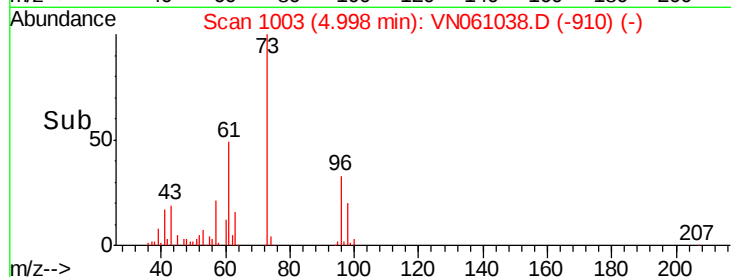
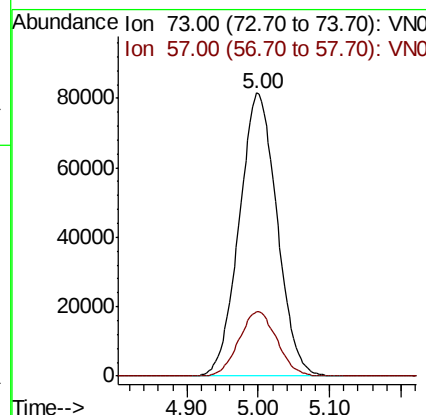
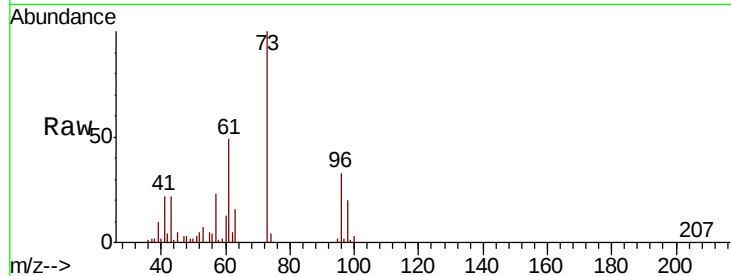




#19
Methvl tert-butvl Ether
Concen: 47.787 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. 0.00 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

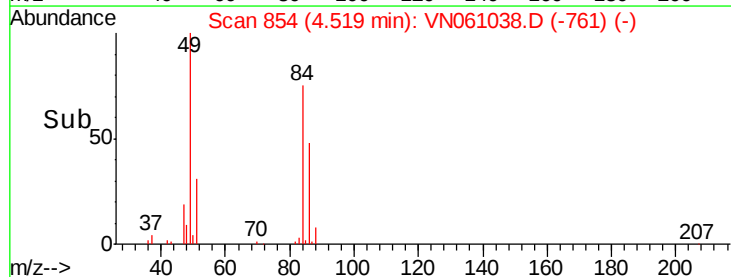
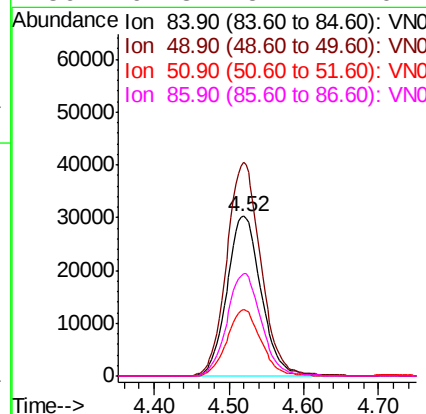
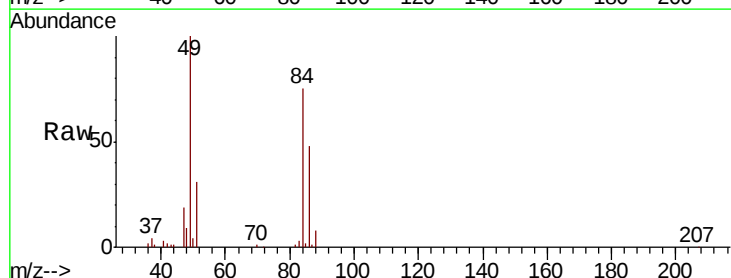
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

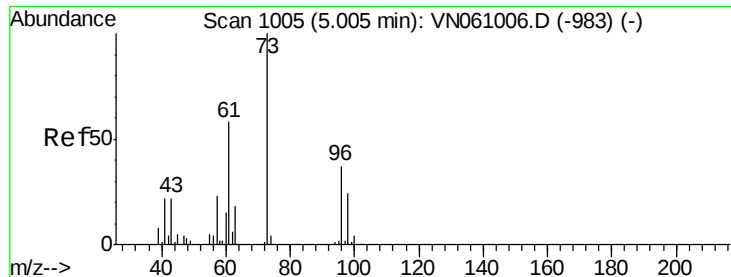
Tot Ion: 73 Resp: 300243
Ion Ratio Lower Upper
73 100
57 22.9 19.0 28.4



#20
Methylene Chloride
Concen: 47.507 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

Tgt Ion: 84 Resp: 96182
Ion Ratio Lower Upper
84 100
49 133.8 105.8 158.6
51 41.5 32.4 48.6
86 64.3 51.1 76.7

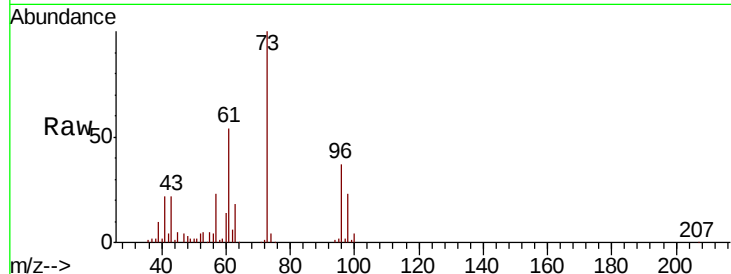




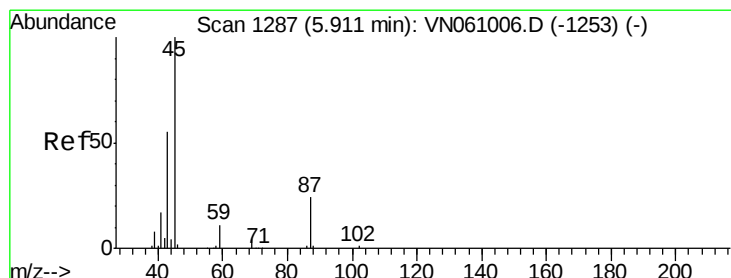
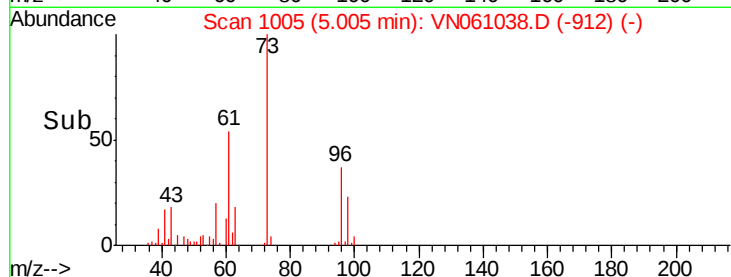
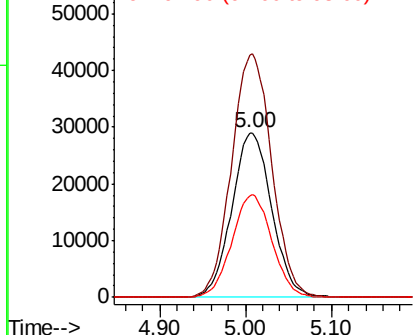
#21
trans-1,2-Dichloroethene
Concen: 48.426 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 93331
Ion Ratio Lower Upper
96 100
61 148.0 124.8 187.2
98 62.2 51.3 76.9

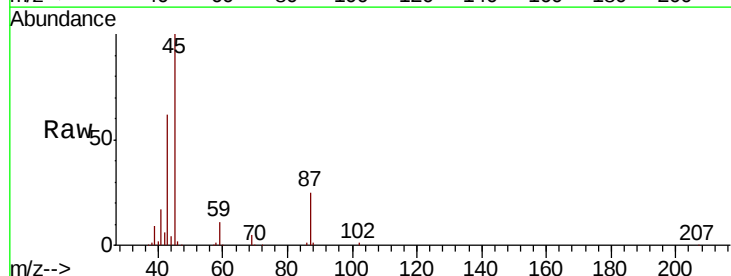


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

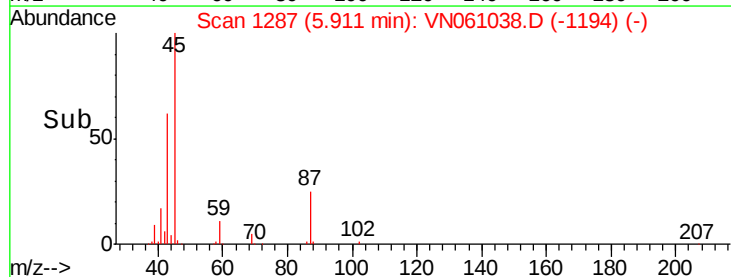
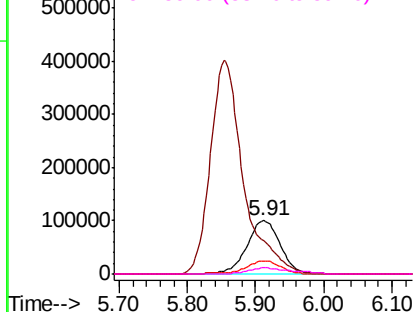


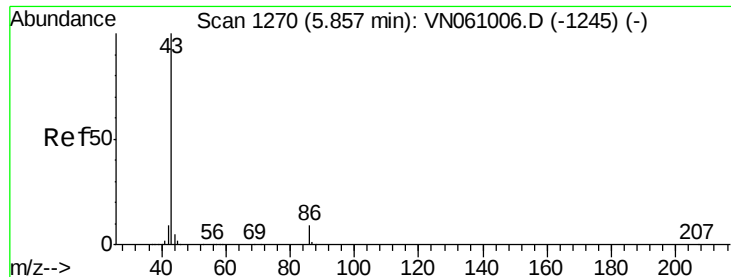
#22
Diisopropyl ether
Concen: 48.111 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

Tgt Ion: 45 Resp: 340671
Ion Ratio Lower Upper
45 100
43 61.6 48.6 72.8
87 25.3 19.4 29.2
59 11.0 8.6 12.8



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: 243.059 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VN061038.D

Acq: 17 Apr 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

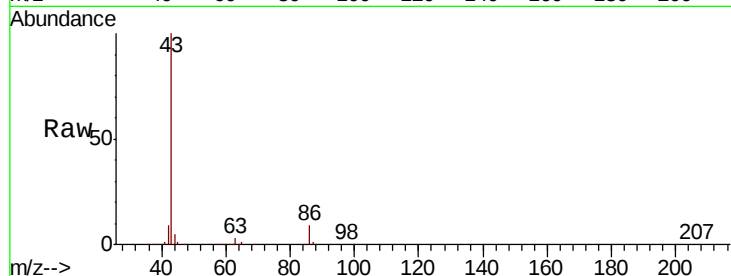
VSTDCCC050EC

Tot Ion: 43 Resp: 1349625

Ion Ratio Lower Upper

43 100

86 9.2 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN061038.D (-1269) (-)

Ion 86.00 (85.70 to 86.70): VN061038.D (-1269) (-)

5.85

400000

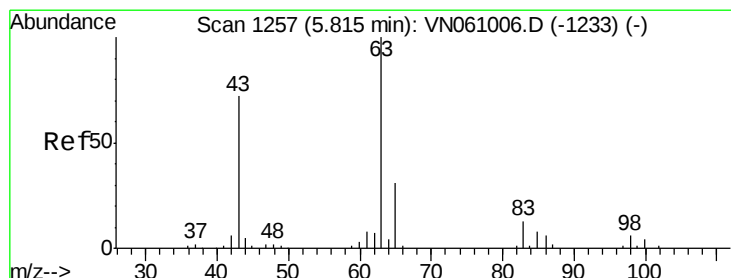
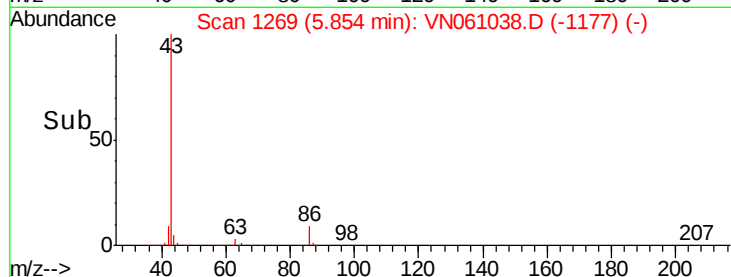
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.843 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN061038.D

Acq: 17 Apr 2020 1:23

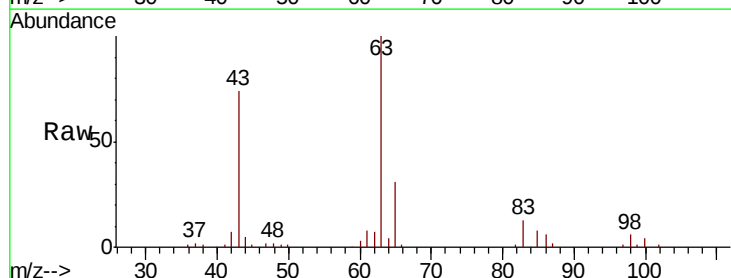
Tgt Ion: 63 Resp: 182968

Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.8

100 3.8 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN061038.D (-1257) (-)

Ion 97.90 (97.60 to 98.60): VN061038.D (-1257) (-)

Ion 99.90 (99.60 to 100.60): VN061038.D (-1257) (-)

5.81

80000

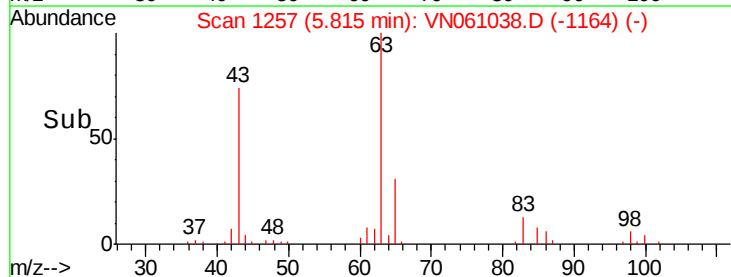
60000

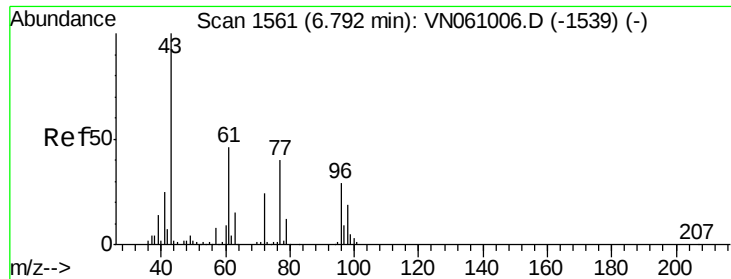
40000

20000

0

Time-->

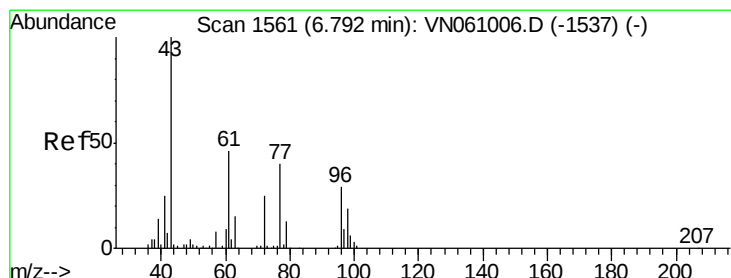
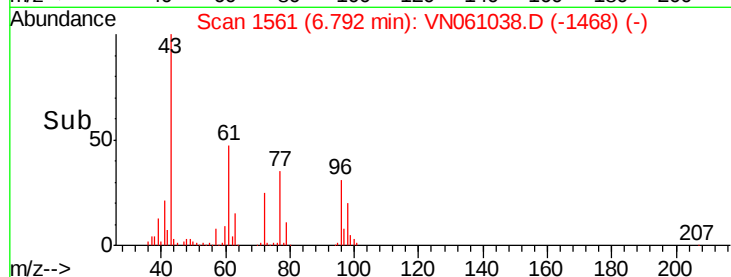
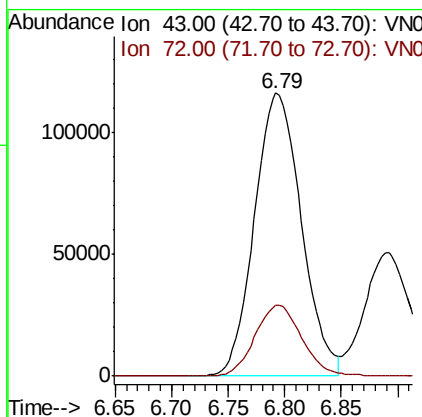
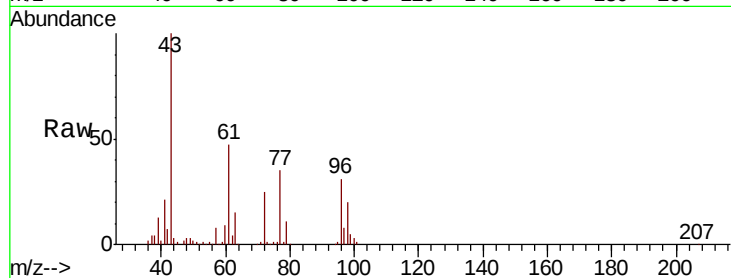




#25
 2-Butanone
 Concen: 235.962 ug/l
 RT: 6.79 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

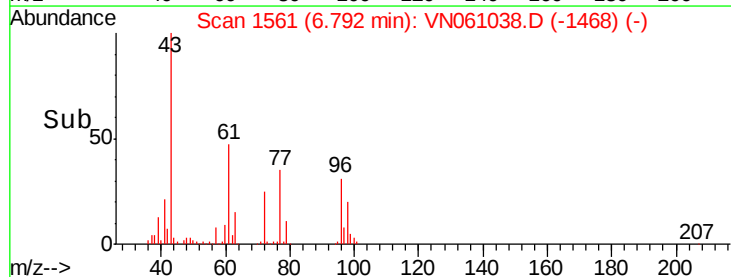
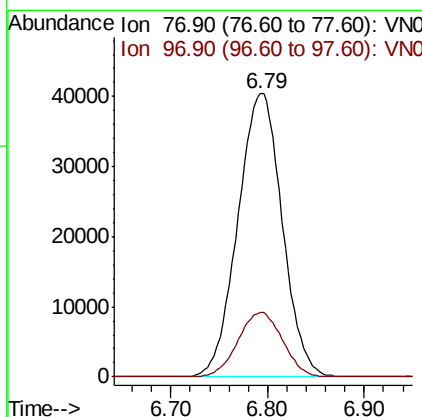
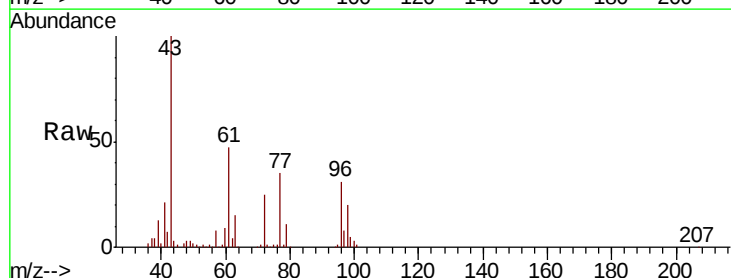
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

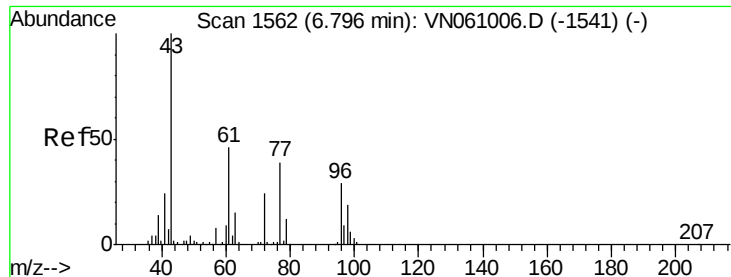
Tot Ion: 43 Resp: 335288
 Ion Ratio Lower Upper
 43 100
 72 24.9 19.6 29.4



#26
 2,2-Dichloropropane
 Concen: 40.468 ug/l
 RT: 6.79 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

Tgt Ion: 77 Resp: 128861
 Ion Ratio Lower Upper
 77 100
 97 22.7 11.2 33.6

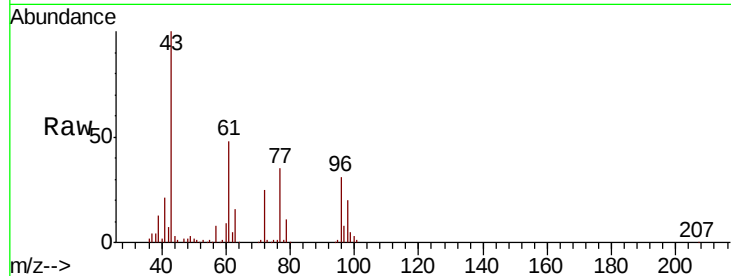




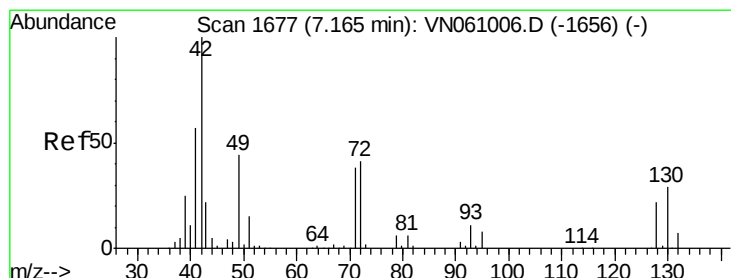
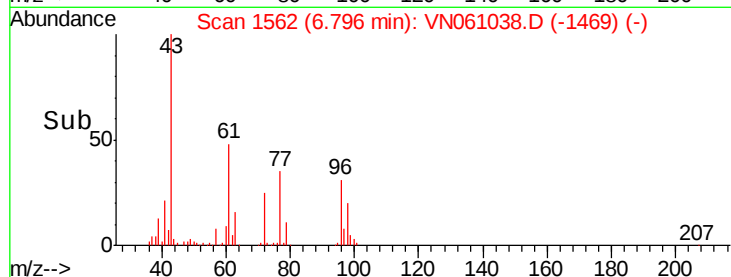
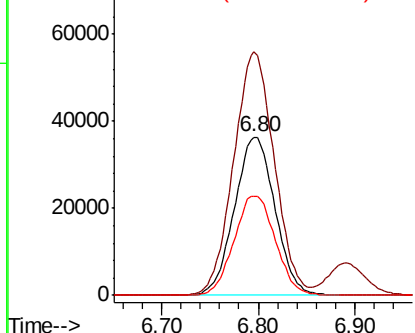
#27
 cis-1,2-Dichloroethene
 Concen: 47.910 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 106007
 Ion Ratio Lower Upper
 96 100
 61 154.4 0.0 317.4
 98 64.0 0.0 127.8

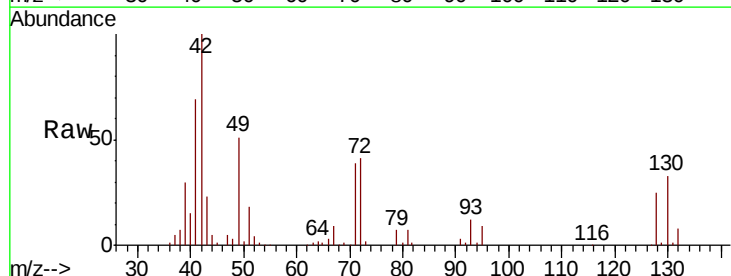


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

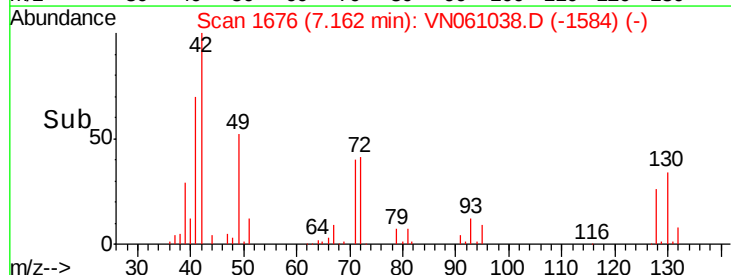
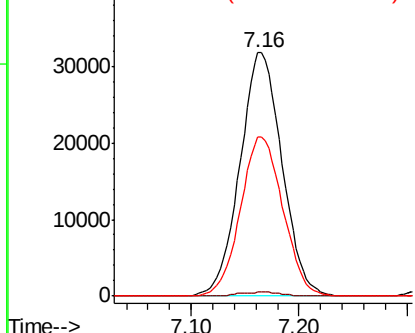


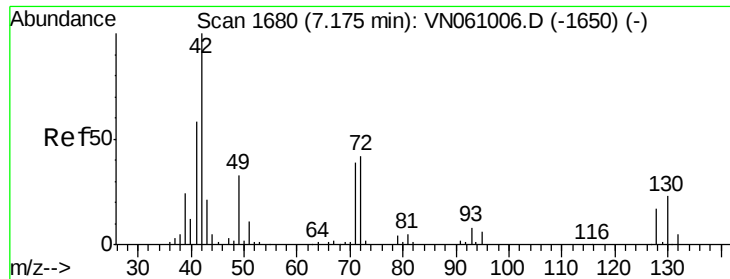
#28
 Bromochloromethane
 Concen: 49.153 ug/l
 RT: 7.16 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

Tgt Ion: 49 Resp: 86288
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.0
 130 65.9 52.9 79.3



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: 238.128 ug/l

RT: 7.17 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN061038.D

Acq: 17 Apr 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

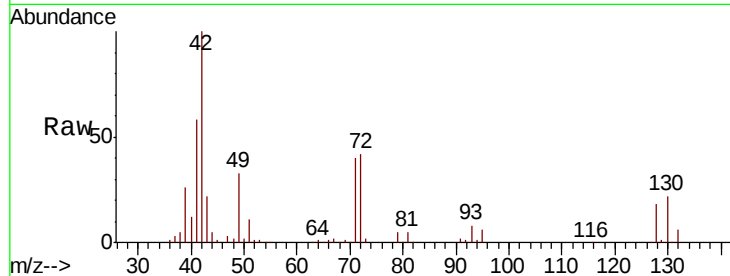
Tot Ion: 42 Resp: 229713

Ion Ratio Lower Upper

42 100

72 40.8 32.1 48.1

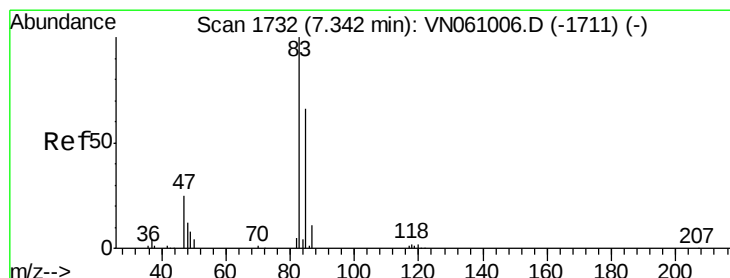
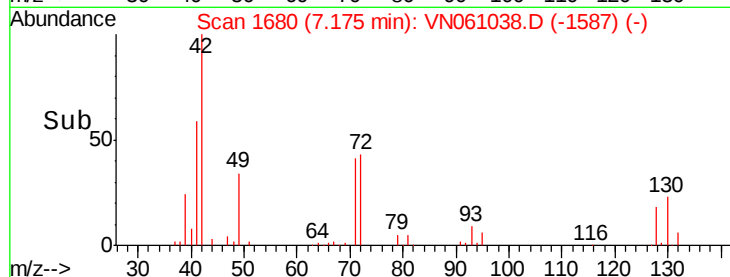
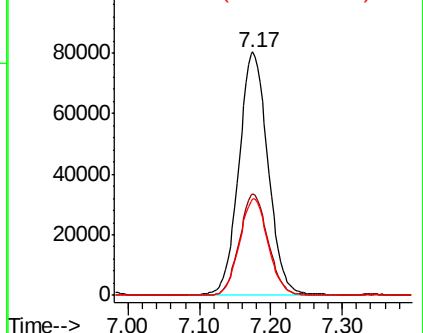
71 38.7 30.5 45.7



Abundance Ion 42.00 (41.70 to 42.70): VN061006.D (-1650) (-)

Ion 72.00 (71.70 to 72.70): VN061006.D (-1650) (-)

Ion 71.00 (70.70 to 71.70): VN061006.D (-1650) (-)



#30

Chloroform

Concen: 48.657 ug/l

RT: 7.34 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VN061038.D

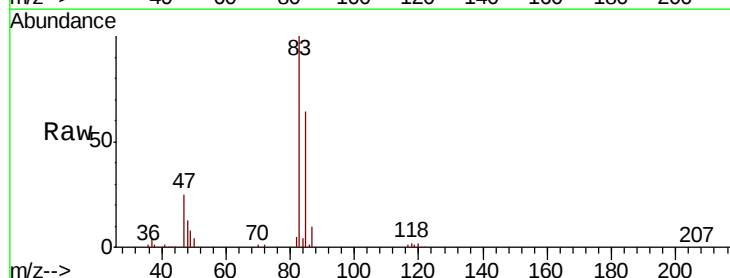
Acq: 17 Apr 2020 1:23

Tgt Ion: 83 Resp: 173563

Ion Ratio Lower Upper

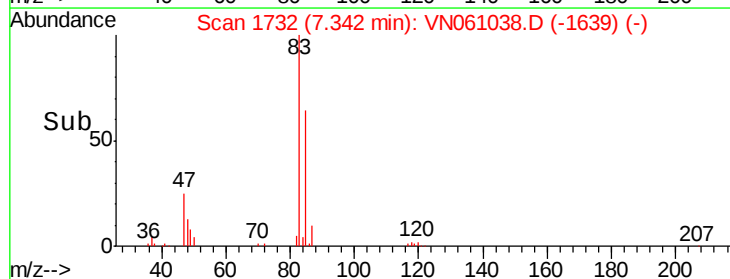
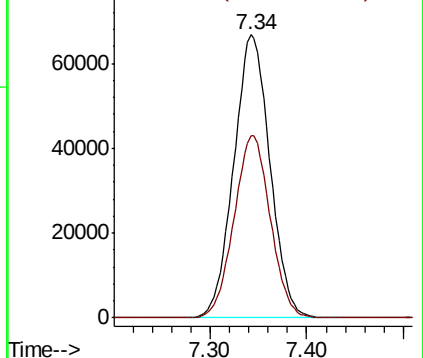
83 100

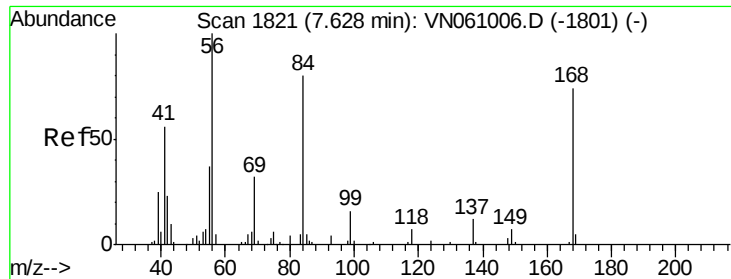
85 64.3 52.8 79.2



Abundance Ion 82.90 (82.60 to 83.60): VN061006.D (-1711) (-)

Ion 84.90 (84.60 to 85.60): VN061006.D (-1711) (-)

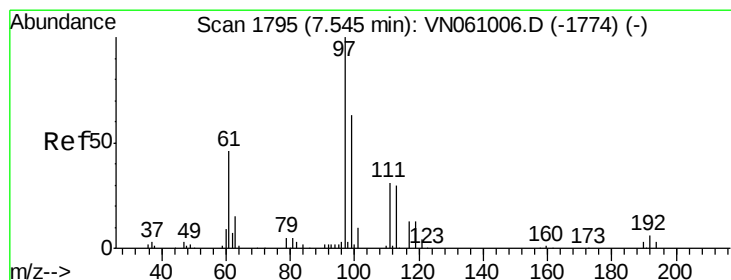
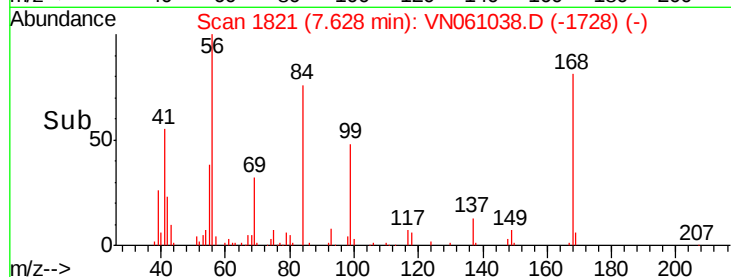
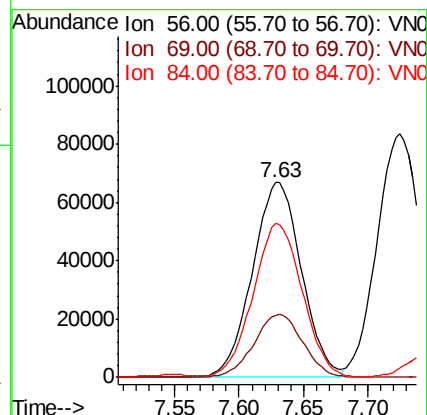
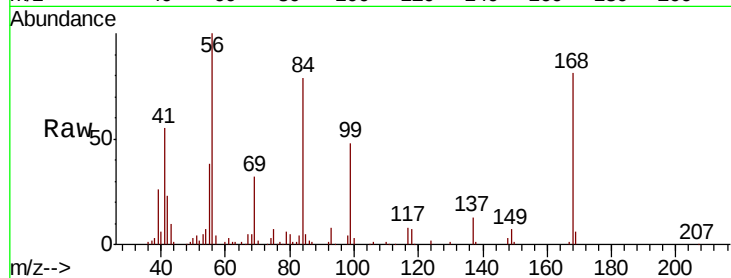




#31
Cyclohexane
Concen: 45.269 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

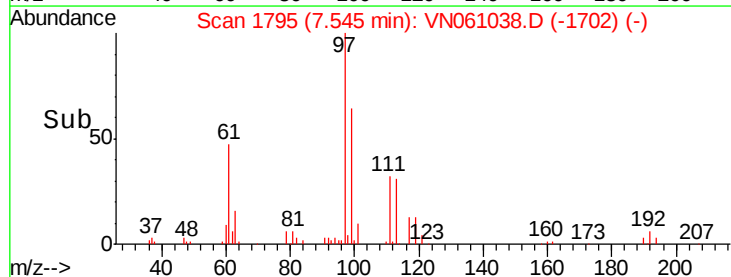
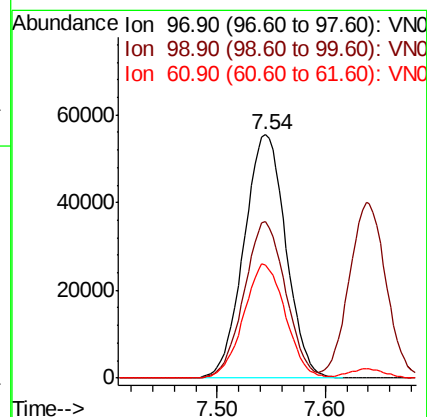
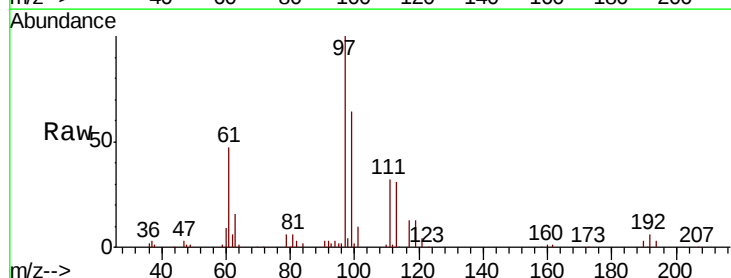
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

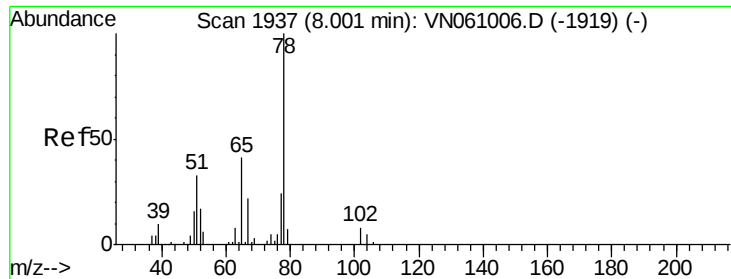
Tot Ion: 56 Resp: 177655
Ion Ratio Lower Upper
56 100
69 32.0 25.6 38.4
84 78.6 63.4 95.2



#32
1,1,1-Trichloroethane
Concen: 48.576 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

Tgt Ion: 97 Resp: 149880
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.4
61 46.8 37.0 55.6

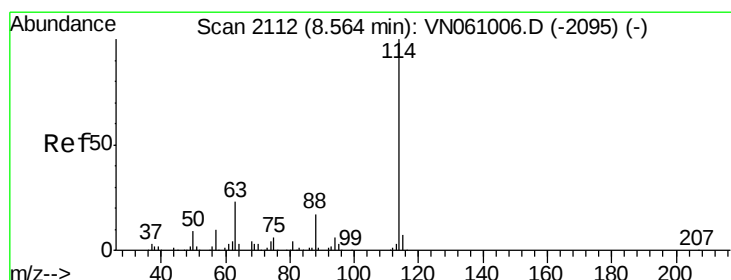
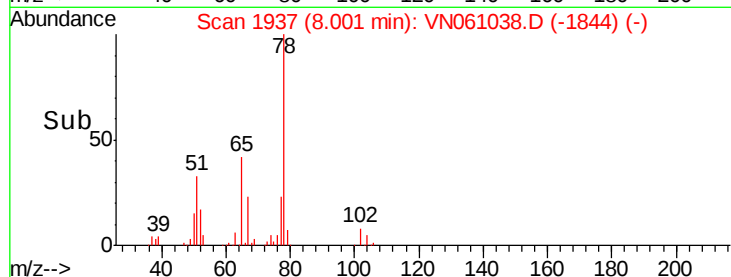
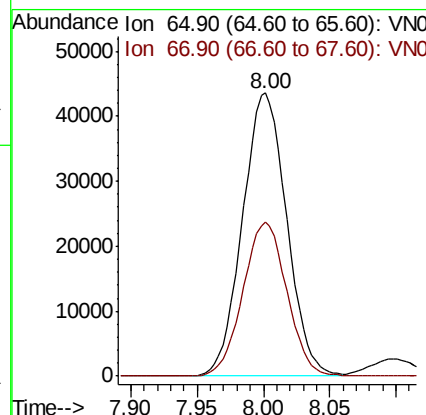
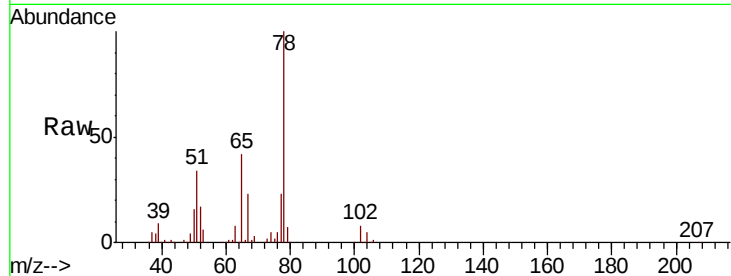




#33
 1,2-Dichloroethane-d4
 Concen: 47.971 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

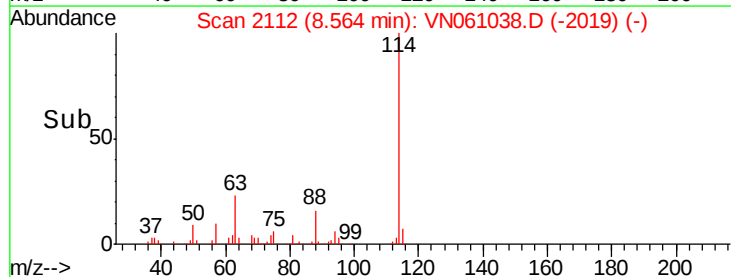
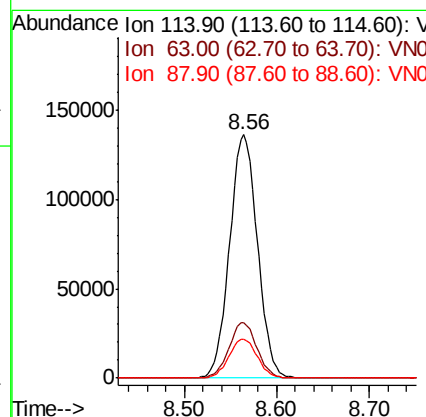
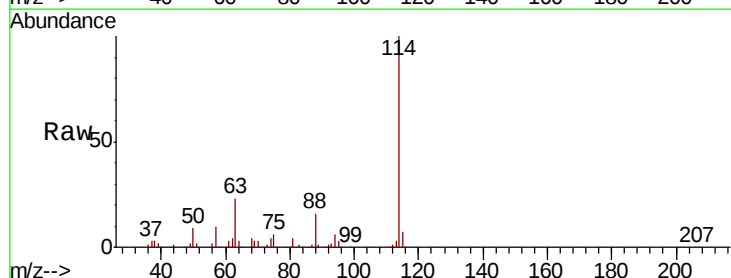
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

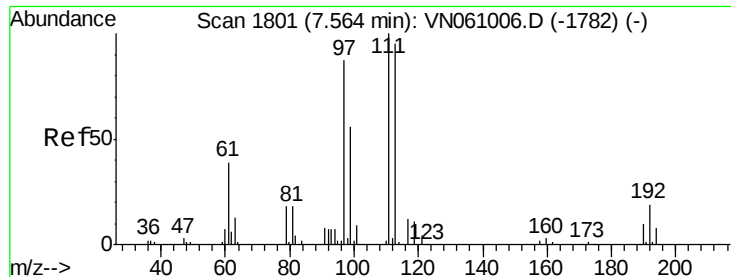
Tot Ion: 65 Resp: 101062
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

Tgt Ion: 114 Resp: 283839
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 46.2
 88 16.1 0.0 33.4

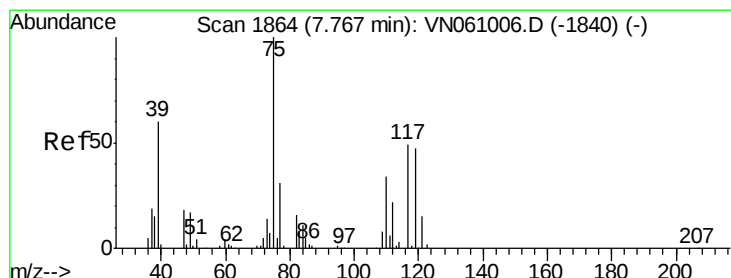
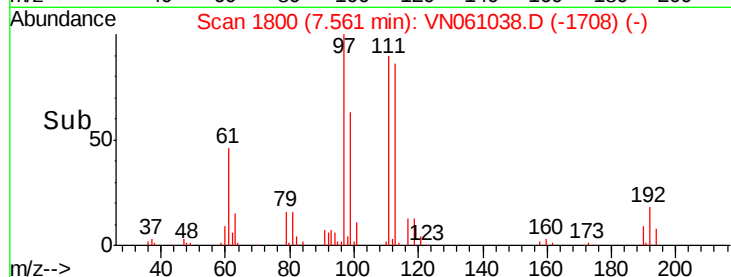
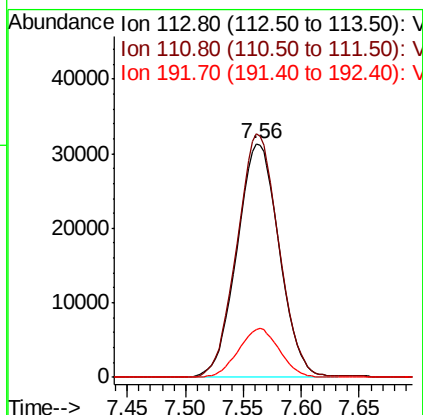
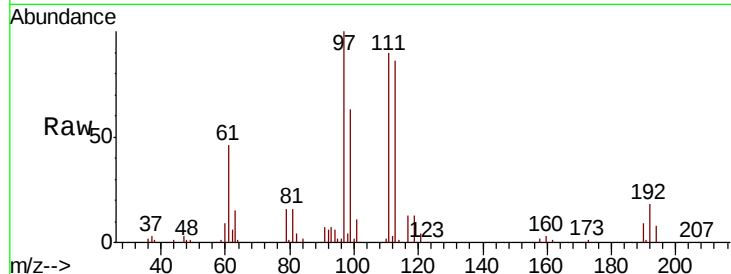




#35
 Dibromofluoromethane
 Concen: 47.952 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

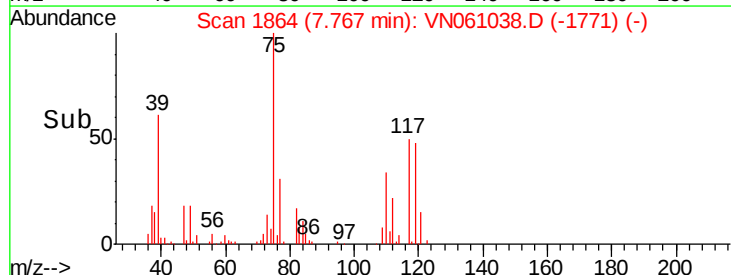
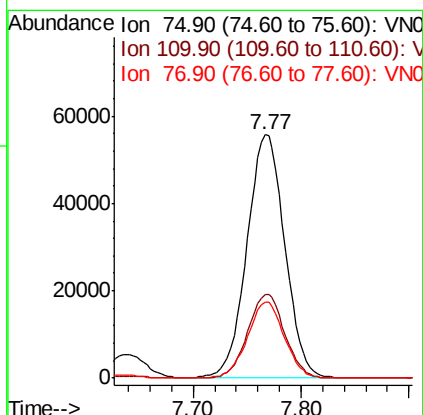
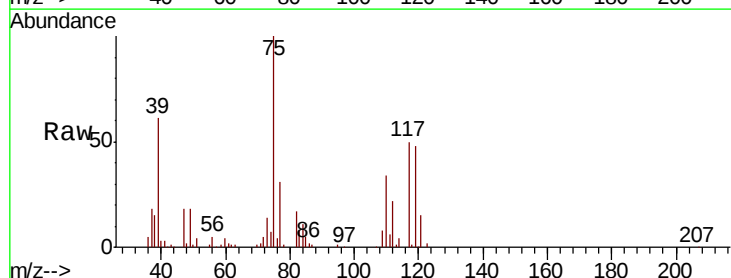
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

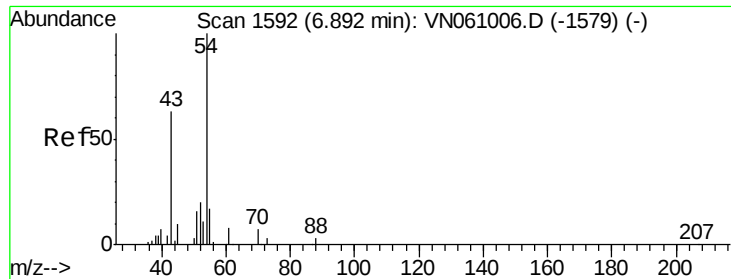
Tot Ion:113 Resp: 79485
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.4 125.2
 192 20.2 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 46.457 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

Tgt Ion: 75 Resp: 136072
 Ion Ratio Lower Upper
 75 100
 110 33.5 16.8 50.3
 77 30.5 24.7 37.1

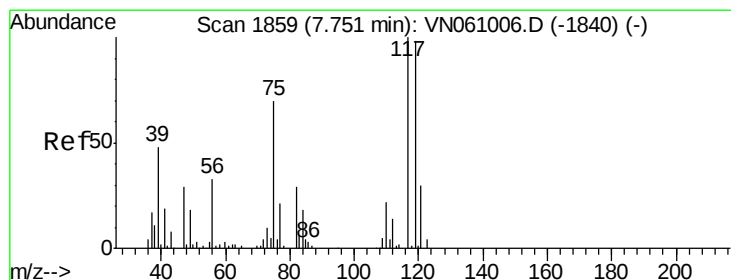
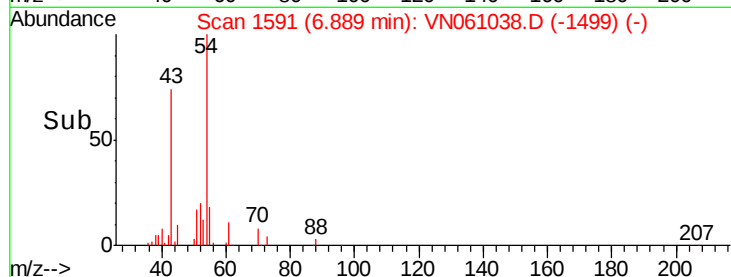
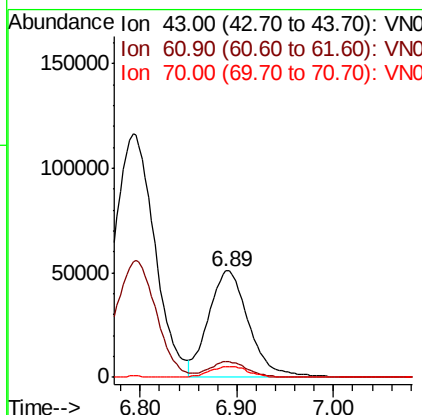
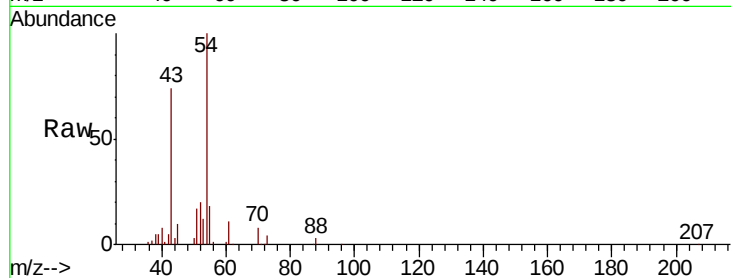




#37
 Ethyl Acetate
 Concen: 45.676 ug/l
 RT: 6.89 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

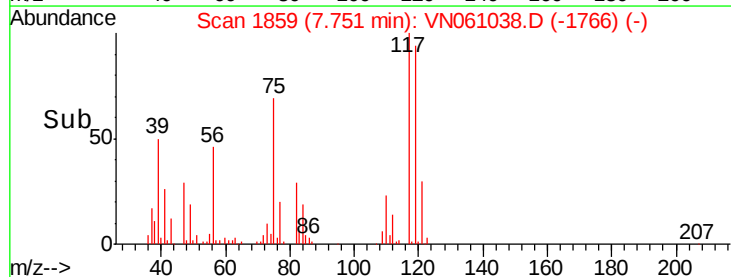
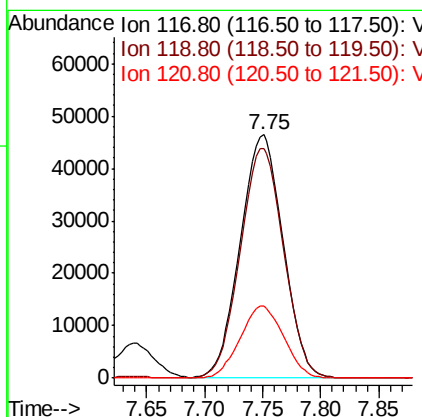
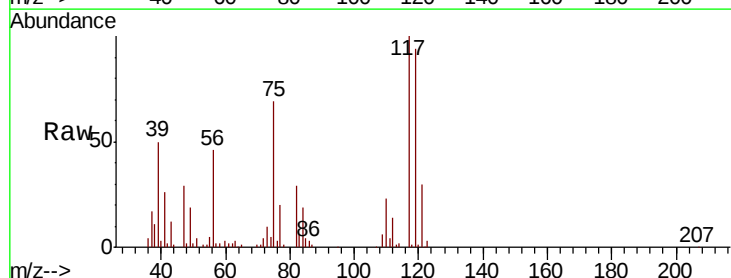
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

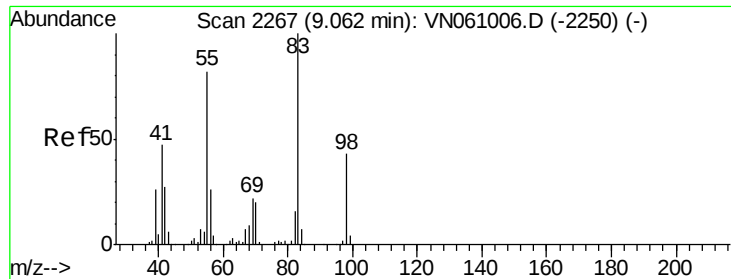
Tot Ion	43	Resp	145267
Ion Ratio	100	Lower	Upper
61	14.0	10.9	16.3
70	10.1	7.7	11.5



#38
 Carbon Tetrachloride
 Concen: 49.177 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

Tgt Ion	117	Resp	119893
Ion Ratio	100	Lower	Upper
119	94.1	78.1	117.1
121	29.6	24.0	36.0

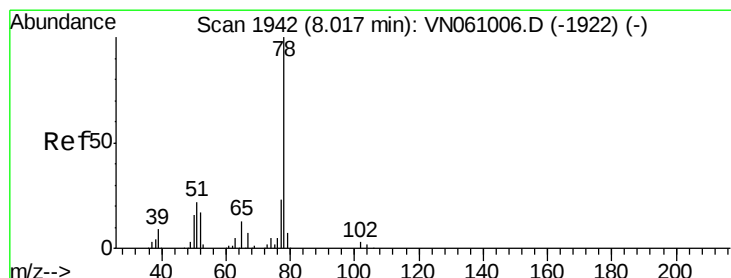
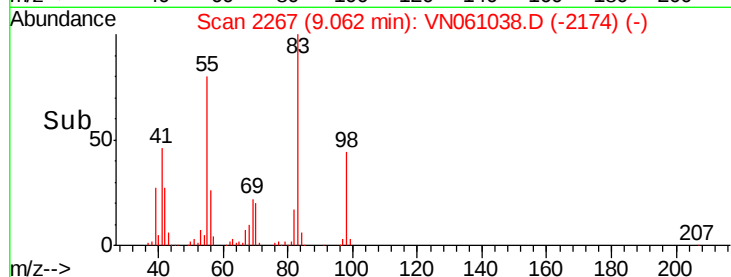
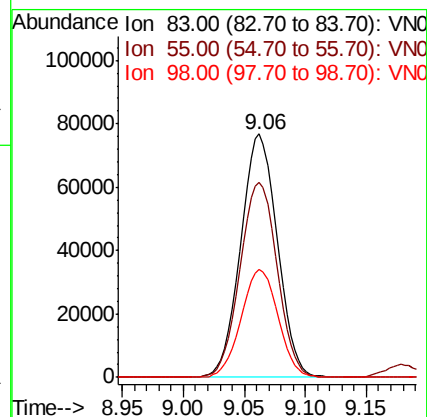
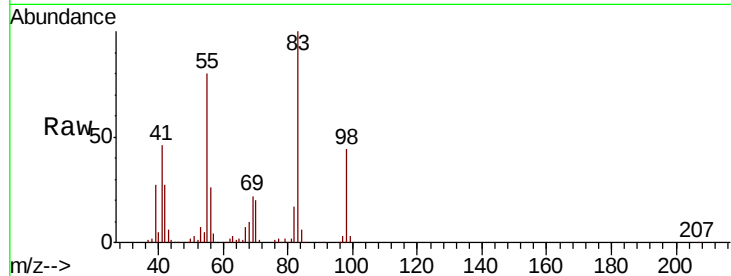




#39
Methvlcvclohexane
Concen: 45.564 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

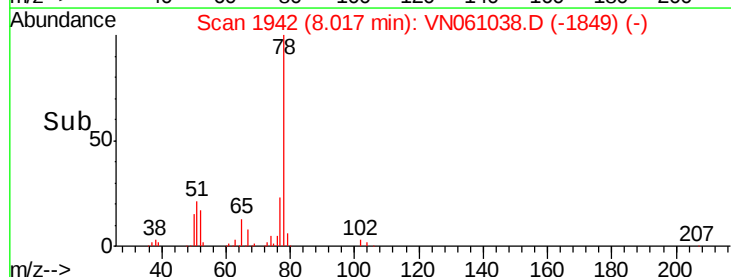
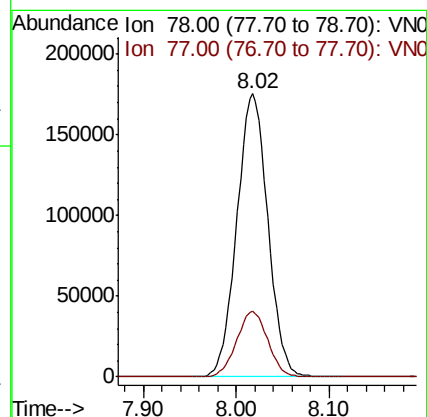
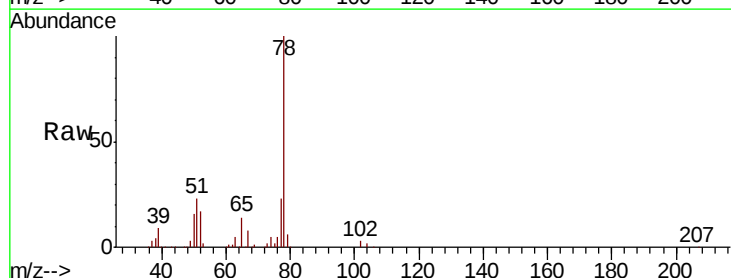
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

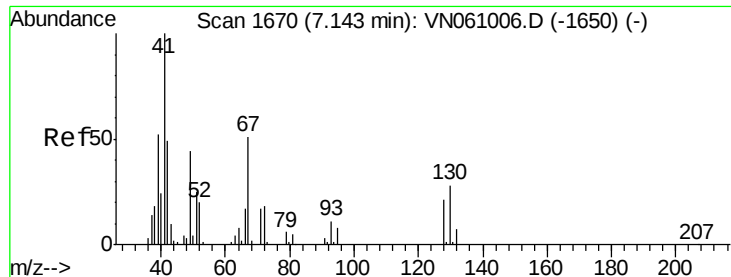
Tot Ion: 83 Resp: 159552
Ion Ratio Lower Upper
83 100
55 80.2 65.4 98.0
98 44.4 34.6 51.8



#40
Benzene
Concen: 46.808 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

Tgt Ion: 78 Resp: 406728
Ion Ratio Lower Upper
78 100
77 23.1 18.8 28.2

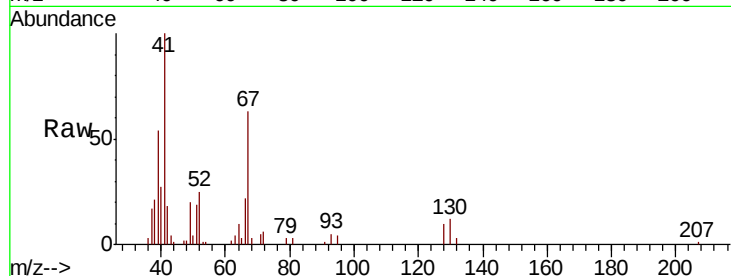




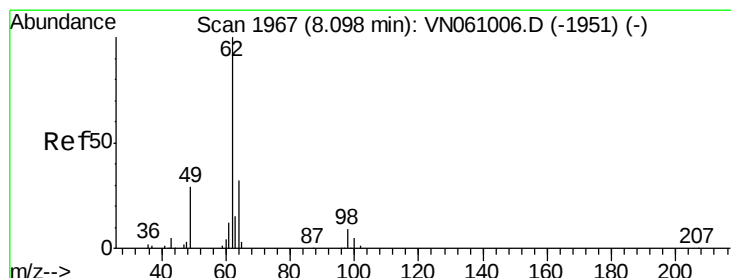
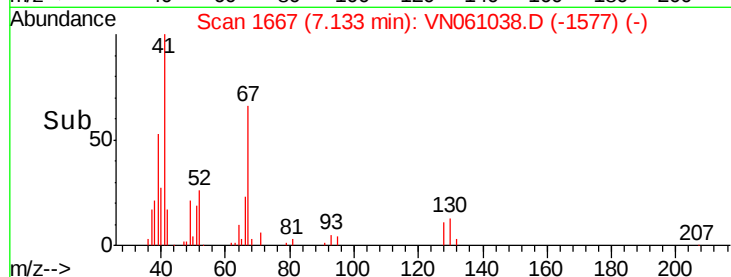
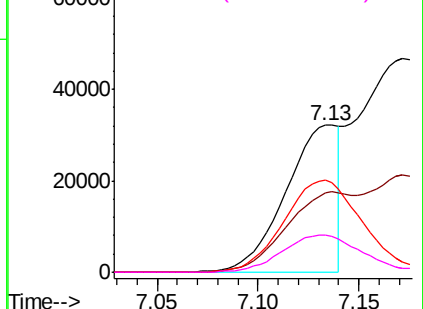
#41
Methacrylonitrile
Concen: 44.006 ug/l
RT: 7.13 min Scan# 1667
Delta R.T. -0.01 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	58375
Ion	Ratio	Lower	Upper
41	100		
39	70.9	0.0	0.0#
67	94.1	0.0	0.0#
52	38.8	0.0	0.0#

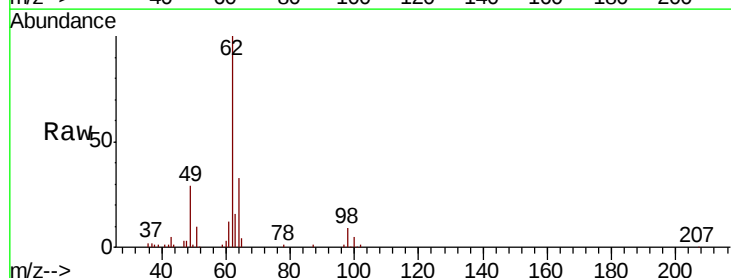


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

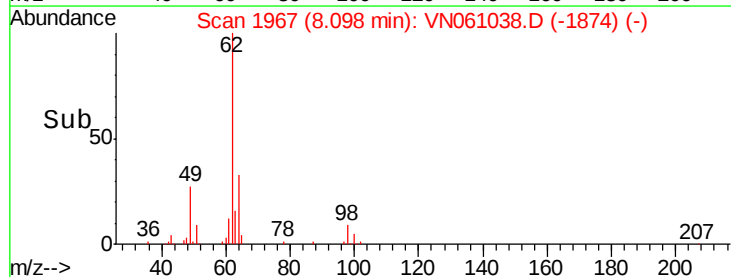
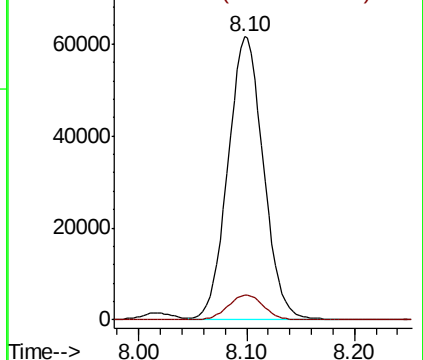


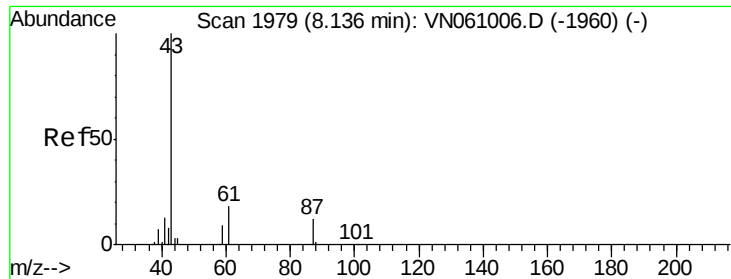
#42
1,2-Dichloroethane
Concen: 47.724 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

Tgt Ion:	62	Resp:	141266
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 47.428 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN061038.D

Acq: 17 Apr 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

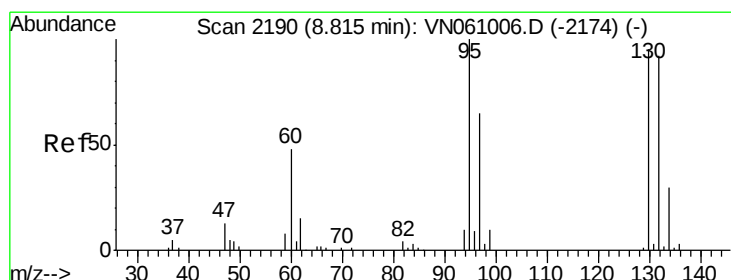
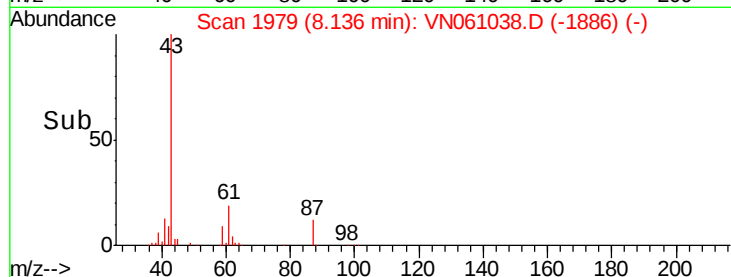
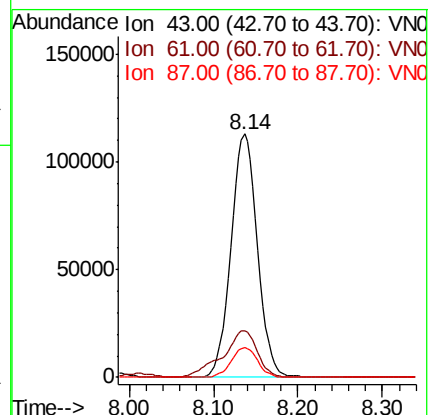
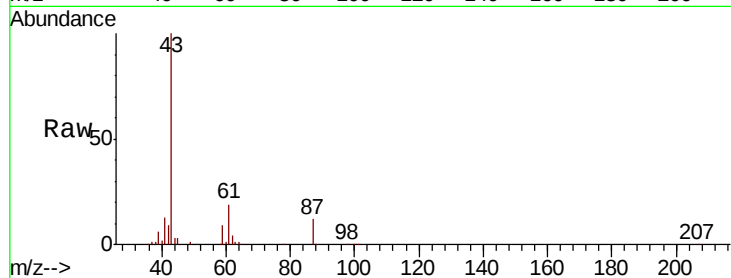
Tot Ion: 43 Resp: 245319

Ion Ratio Lower Upper

43 100

61 25.4 20.3 30.5

87 12.3 9.4 14.2



#44

Trichloroethene

Concen: 45.994 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. 0.00 min

Lab File: VN061038.D

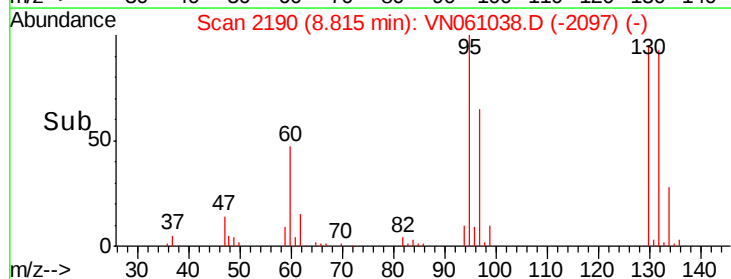
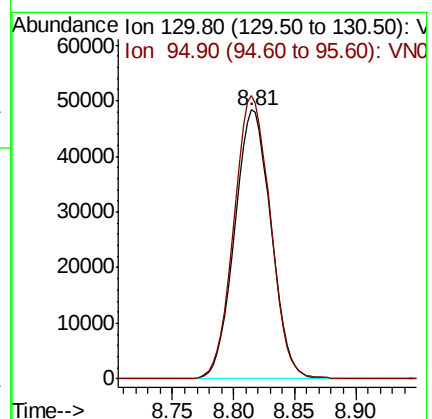
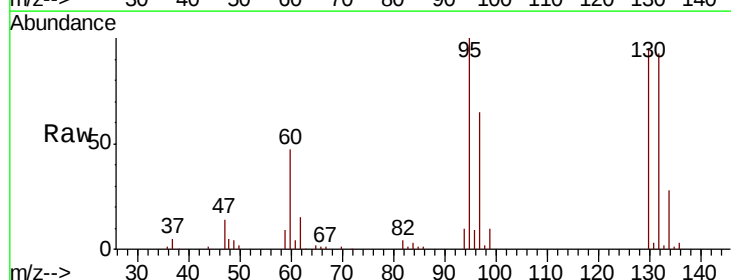
Acq: 17 Apr 2020 1:23

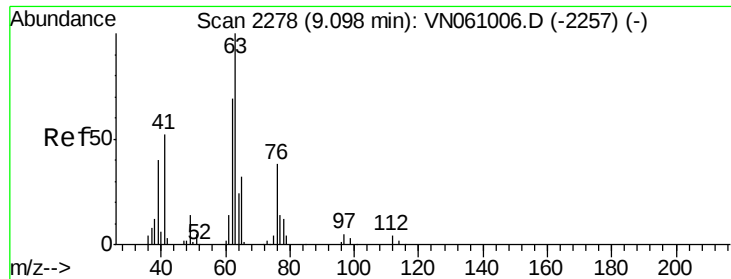
Tgt Ion: 130 Resp: 100421

Ion Ratio Lower Upper

130 100

95 105.2 0.0 210.0

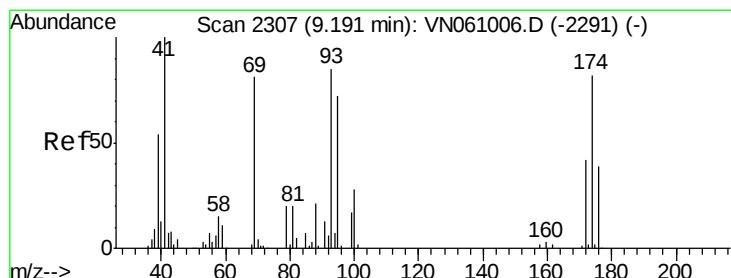
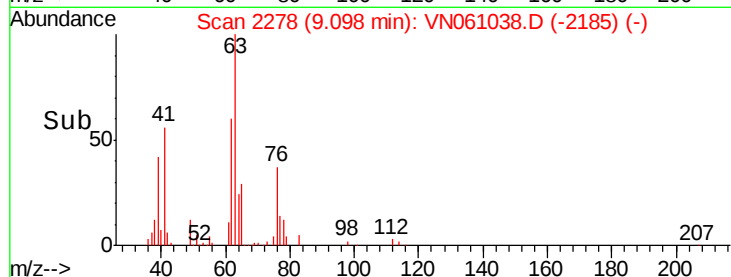
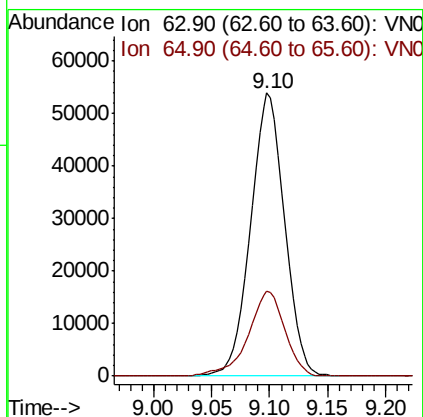
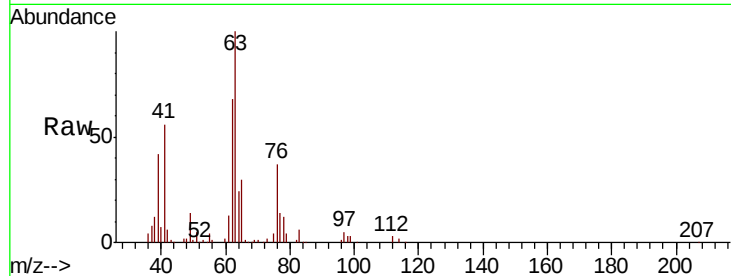




#45
 1,2-Dichloropropane
 Concen: 46.865 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

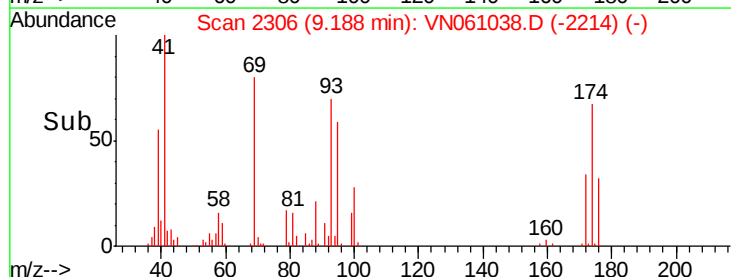
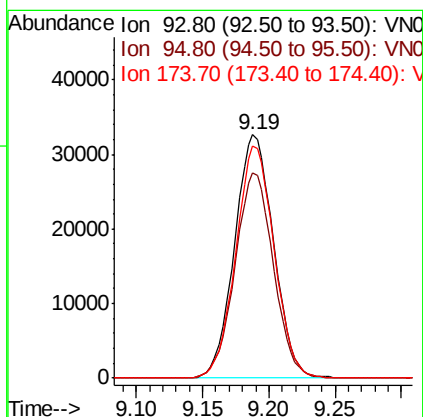
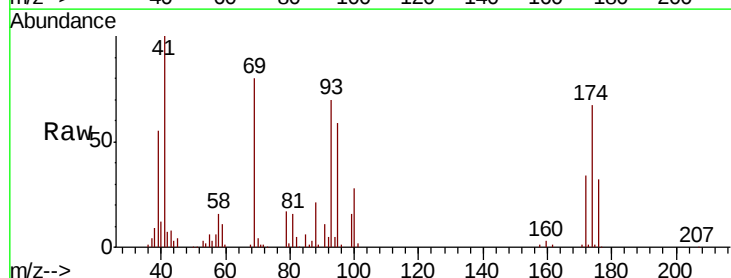
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

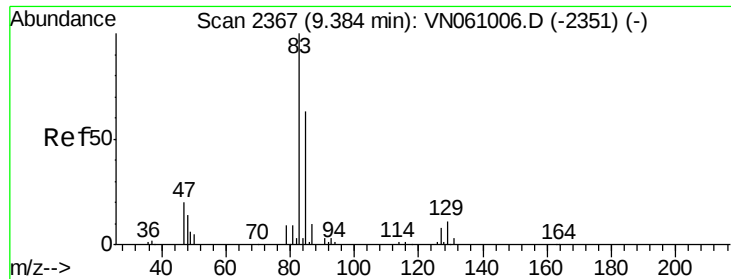
Tot Ion: 63 Resp: 109992
 Ion Ratio Lower Upper
 63 100
 65 30.0 25.2 37.8



#46
 Dibromomethane
 Concen: 49.271 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

Tgt Ion: 93 Resp: 66673
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.8 100.2
 174 93.8 76.2 114.4

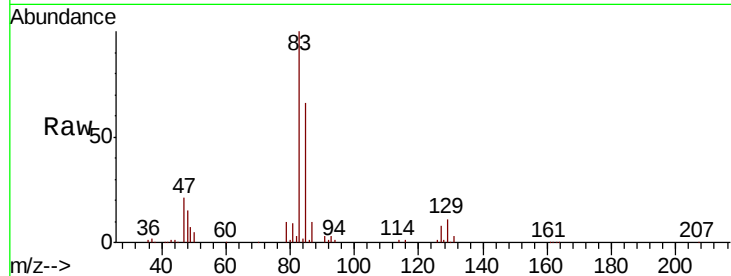




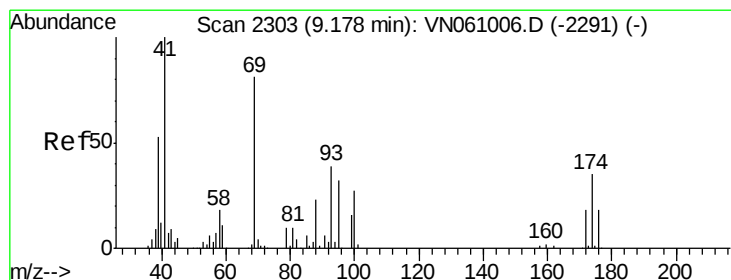
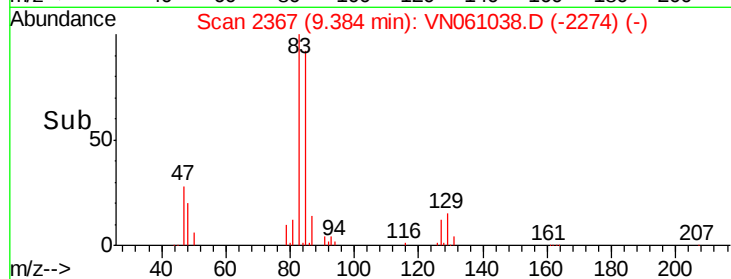
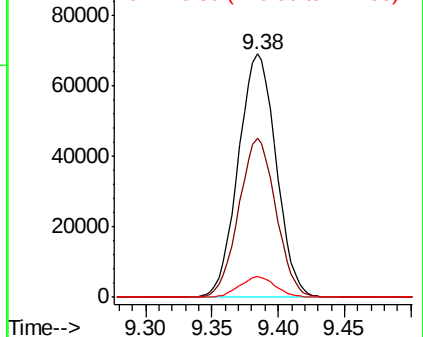
#47
Bromodichloromethane
Concen: 47.856 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 136803
Ion Ratio Lower Upper
83 100
85 65.5 50.6 76.0
127 8.3 6.1 9.1

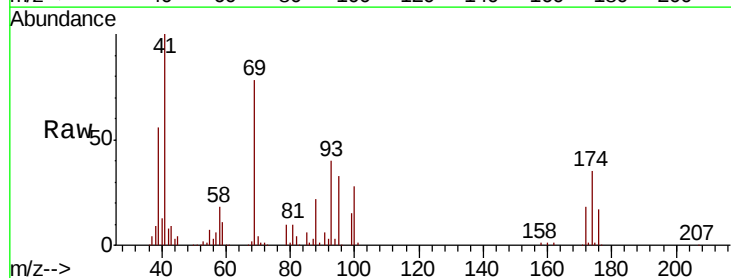


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

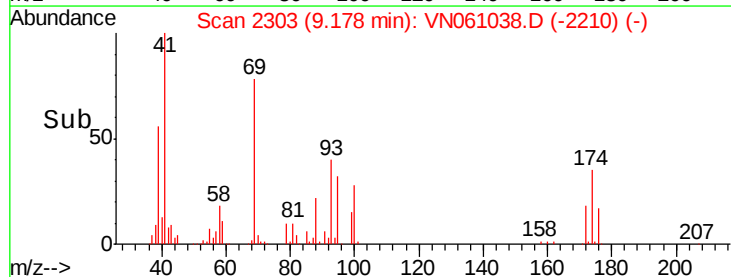
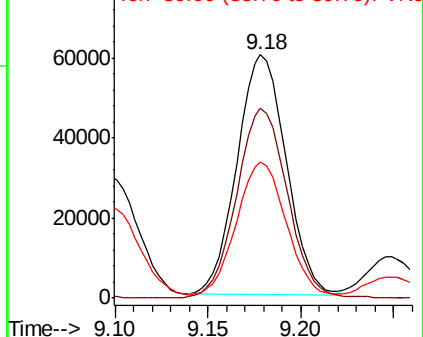


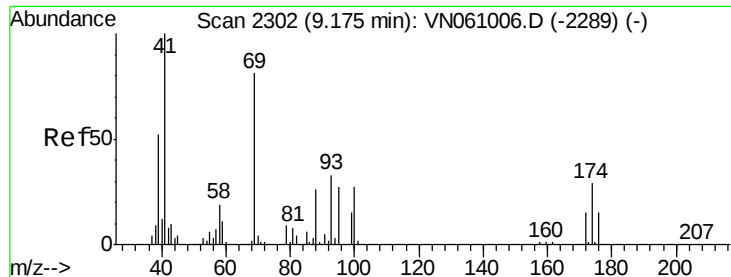
#48
Methyl methacrylate
Concen: 48.307 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

Tgt Ion: 41 Resp: 110423
Ion Ratio Lower Upper
41 100
69 81.8 65.3 97.9
39 55.5 45.2 67.8



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

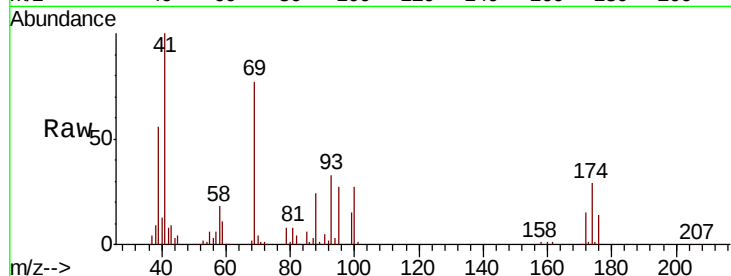




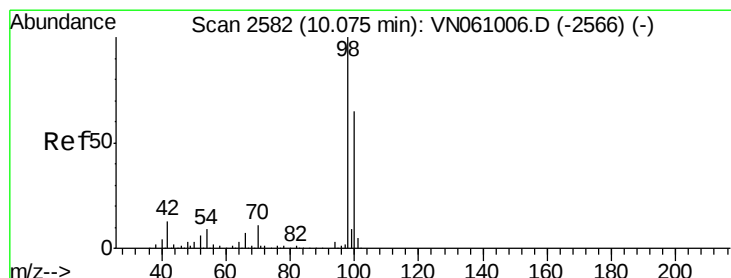
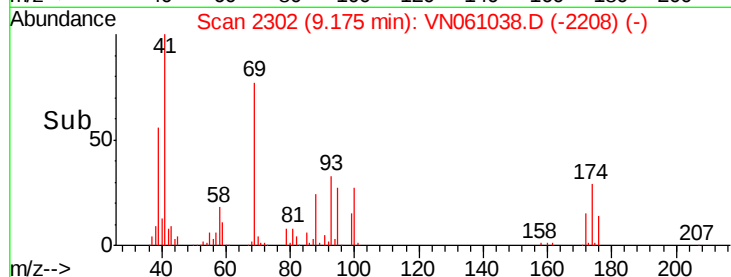
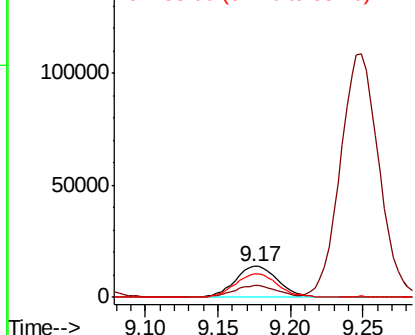
#49
1,4-Dioxane
Concen: 896.548 ug/l
RT: 9.17 min Scan# 2302
Delta R.T. 0.00 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 28410
Ion Ratio Lower Upper
88 100
43 40.0 30.9 46.3
58 75.9 59.8 89.8

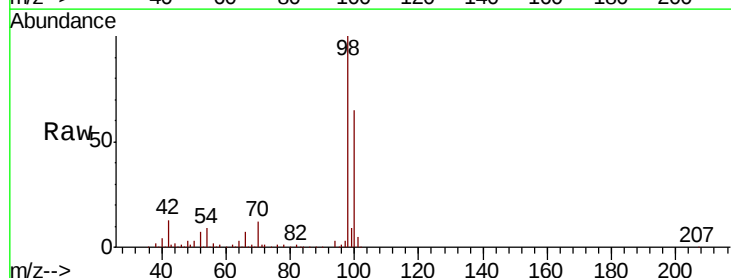


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

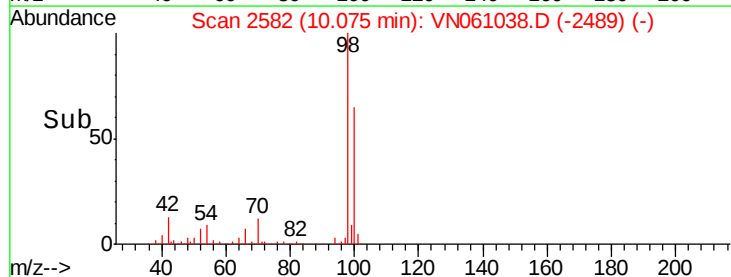
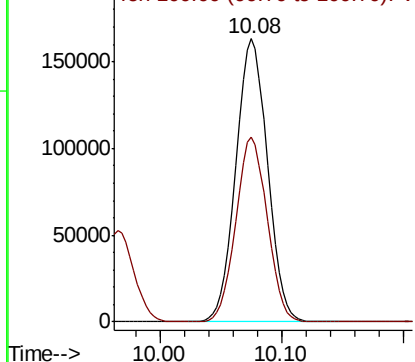


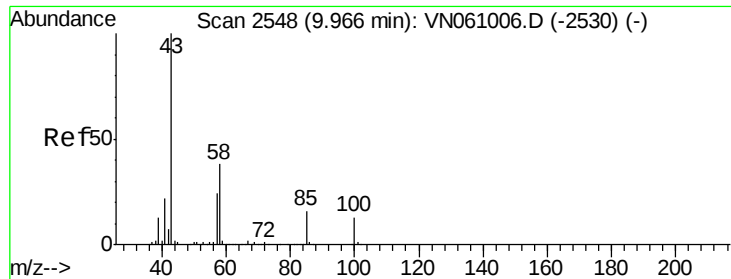
#50
Toluene-d8
Concen: 46.719 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.00 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

Tgt Ion: 98 Resp: 292633
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 241.454 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN061038.D

Acq: 17 Apr 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

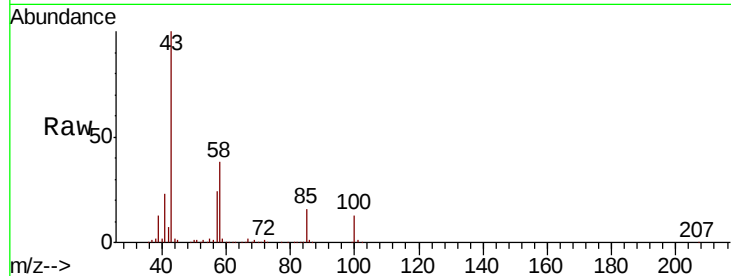
VSTDCCC050EC

Tot Ion: 43 Resp: 719962

Ion Ratio Lower Upper

43 100

58 38.1 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-2530) (-)

Ion 58.00 (57.70 to 58.70): VN061006.D (-2530) (-)

9.97

400000

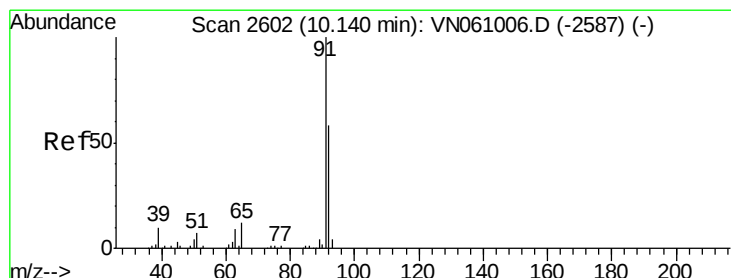
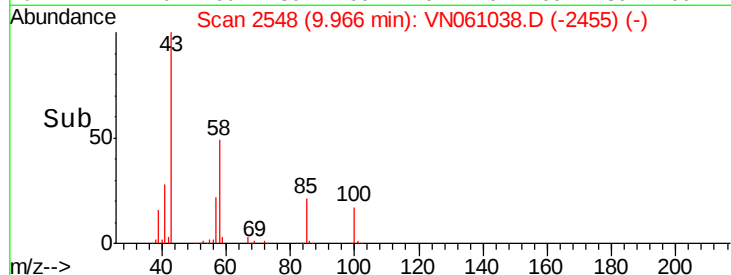
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 46.831 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN061038.D

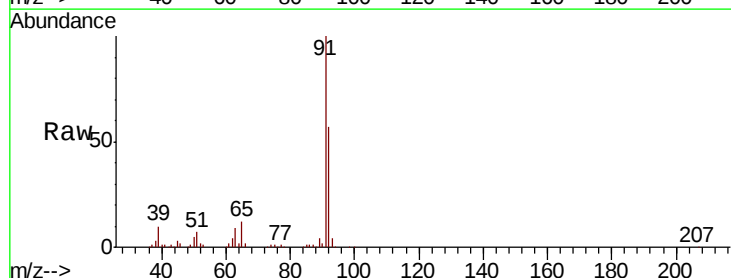
Acq: 17 Apr 2020 1:23

Tgt Ion: 92 Resp: 244123

Ion Ratio Lower Upper

92 100

91 174.0 137.7 206.5



Abundance Ion 92.00 (91.70 to 92.70): VN061006.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN061006.D (-2587) (-)

10.14

250000

200000

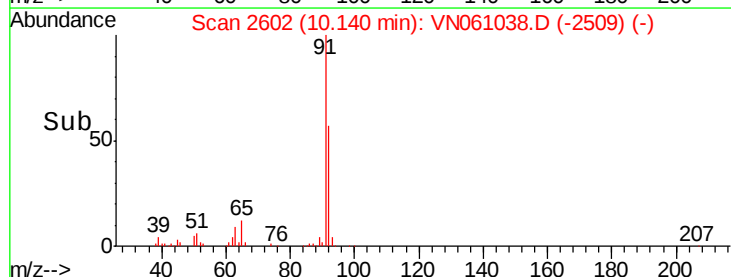
150000

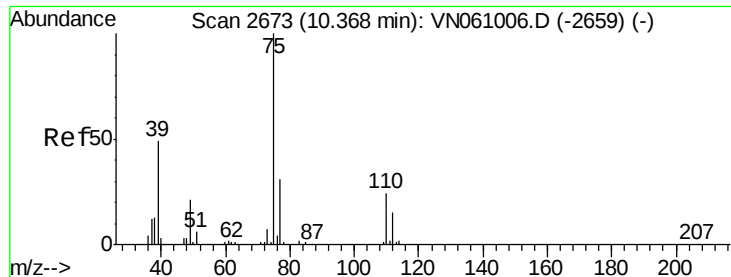
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.324 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN061038.D

Acq: 17 Apr 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

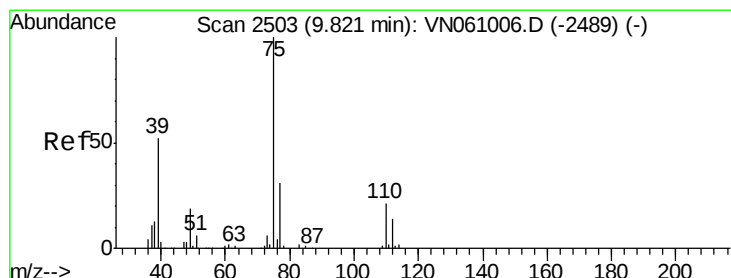
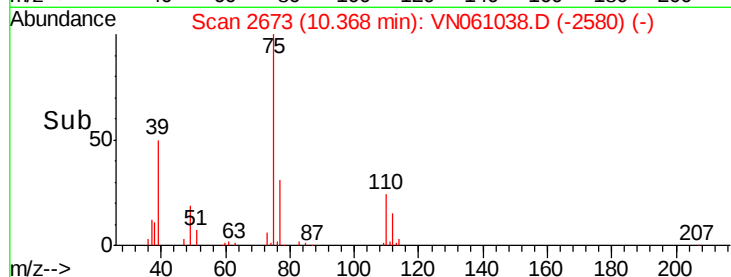
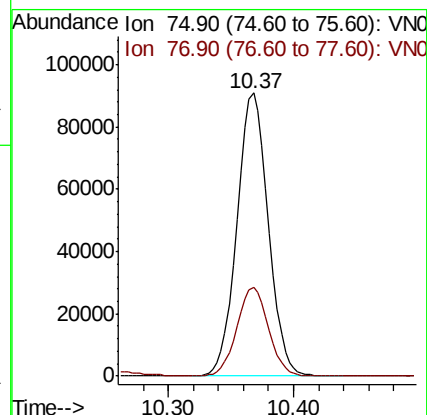
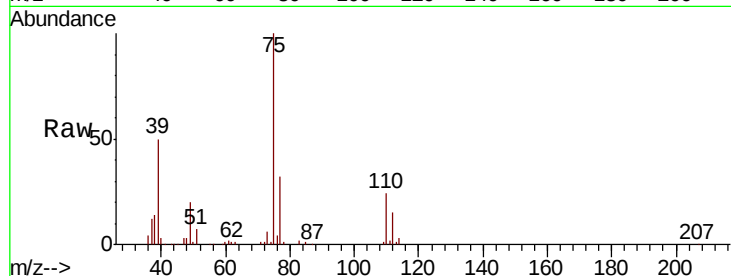
VSTDCCC050EC

Tot Ion: 75 Resp: 157143

Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 46.296 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN061038.D

Acq: 17 Apr 2020 1:23

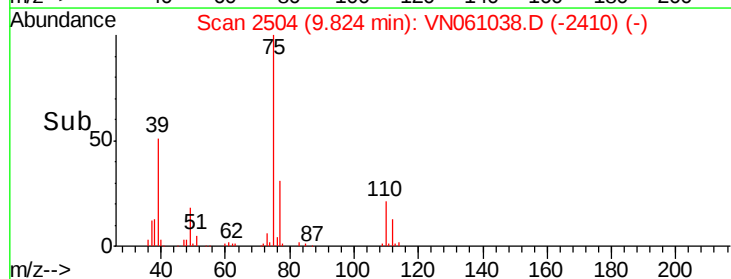
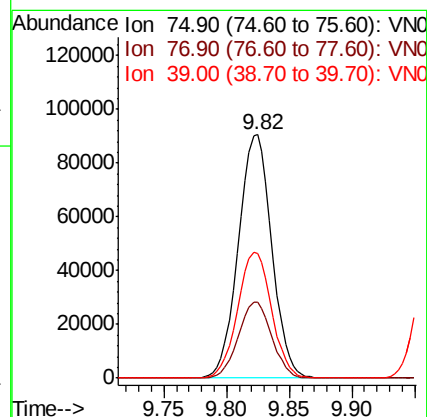
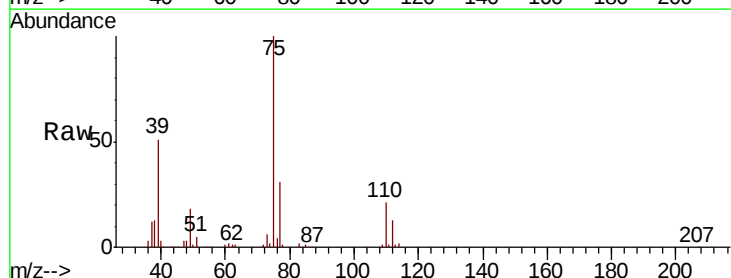
Tgt Ion: 75 Resp: 167731

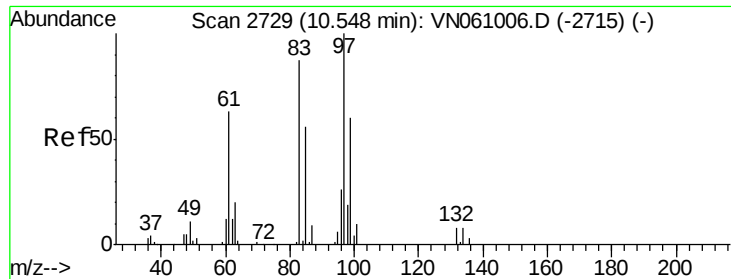
Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.6

39 50.9 41.4 62.2

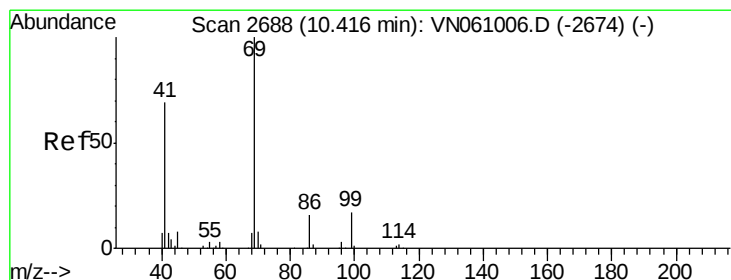
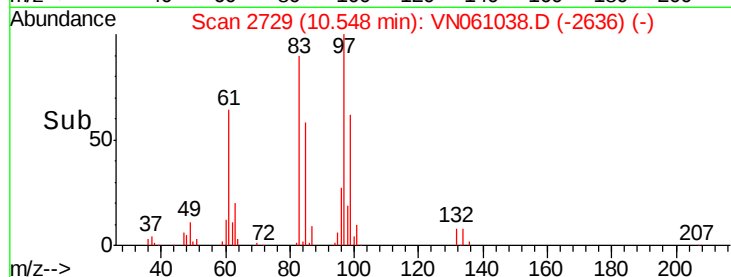
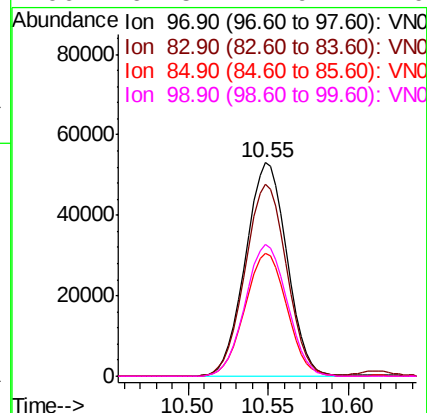
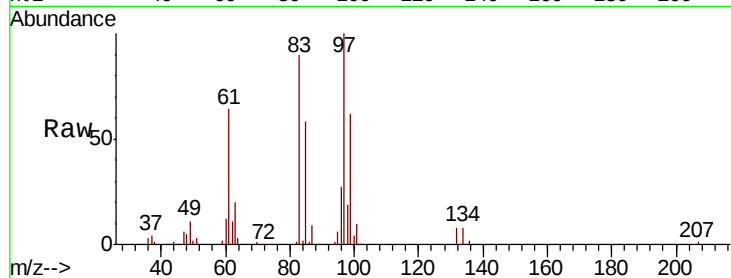




#55
 1,1,2-Trichloroethane
 Concen: 47.680 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

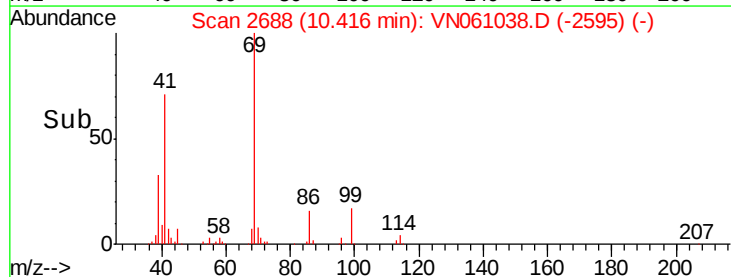
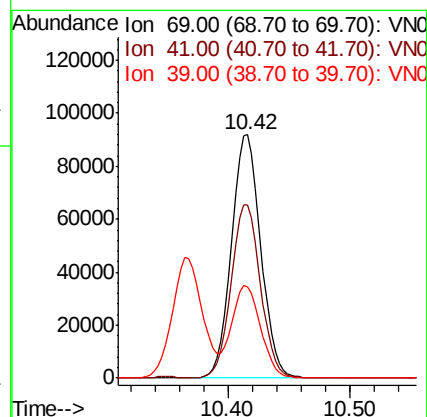
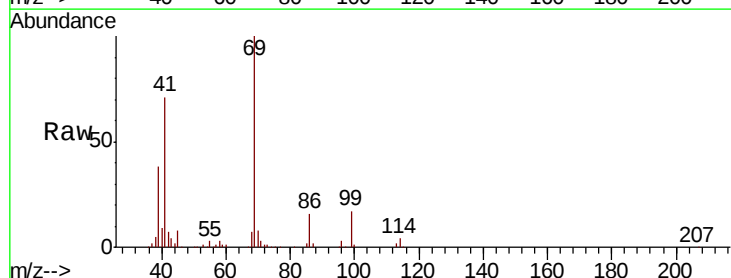
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

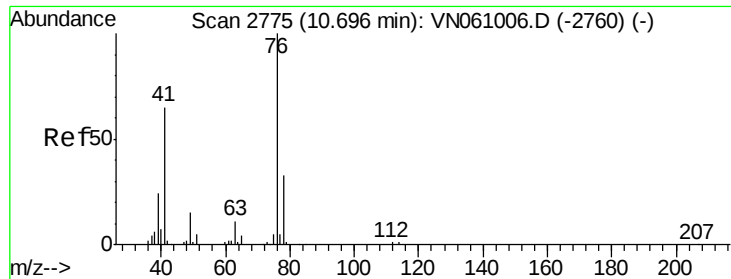
Tot Ion	97	Resp	94057
Ion	Ratio	Lower	Upper
97	100		
83	90.1	69.5	104.3
85	57.8	45.0	67.4
99	61.5	47.9	71.9



#56
 Ethyl methacrylate
 Concen: 49.758 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

Tgt Ion	69	Resp	154351
Ion	Ratio	Lower	Upper
69	100		
41	70.7	56.7	85.1
39	37.8	29.4	44.0

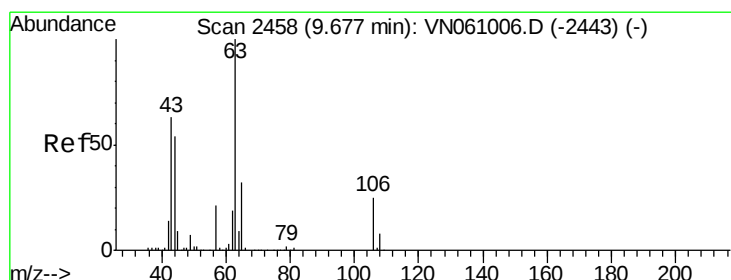
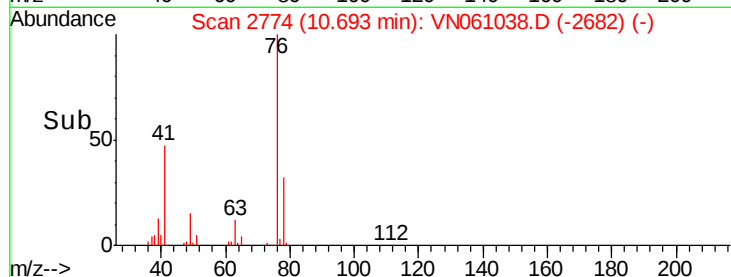
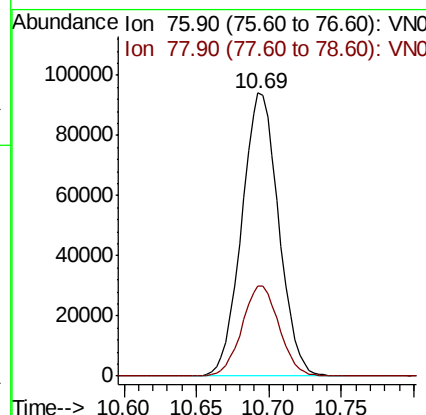
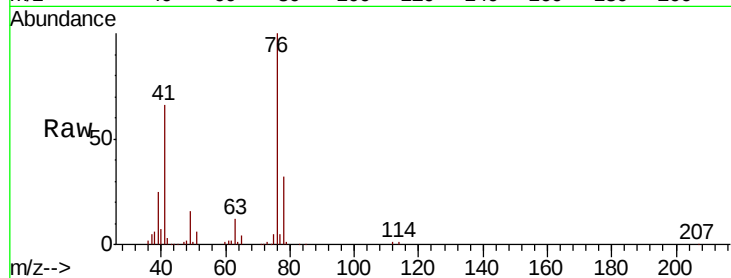




#57
 1,3-Dichloropropane
 Concen: 47.372 ug/l
 RT: 10.69 min Scan# 2774
 Delta R.T. -0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

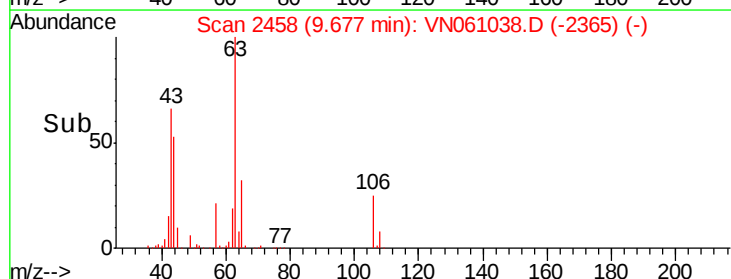
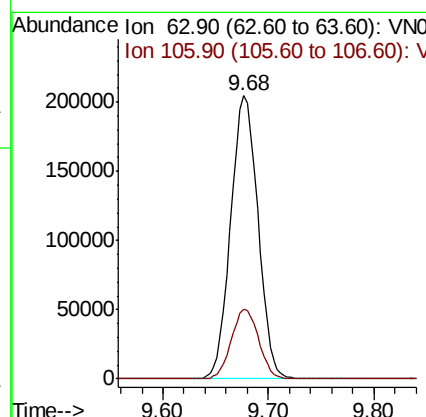
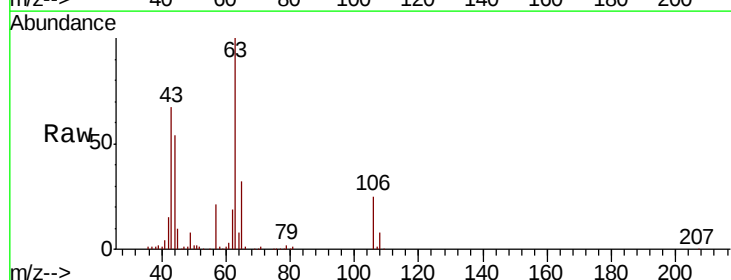
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

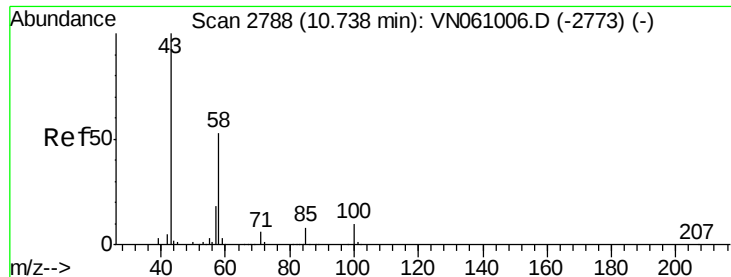
Tot Ion: 76 Resp: 166687
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 260.563 ug/l
 RT: 9.68 min Scan# 2458
 Delta R.T. 0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

Tgt Ion: 63 Resp: 367279
 Ion Ratio Lower Upper
 63 100
 106 24.6 19.5 29.3

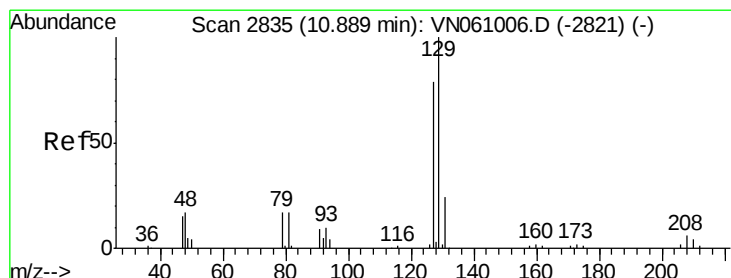
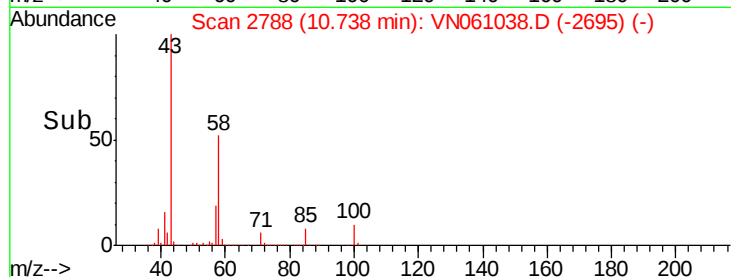
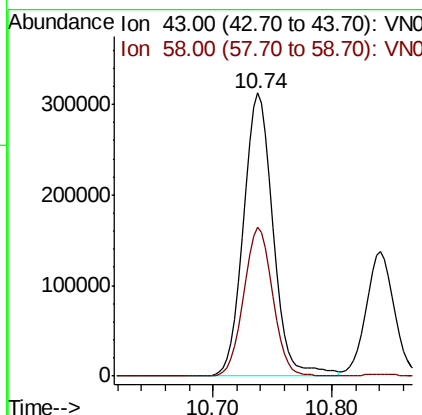
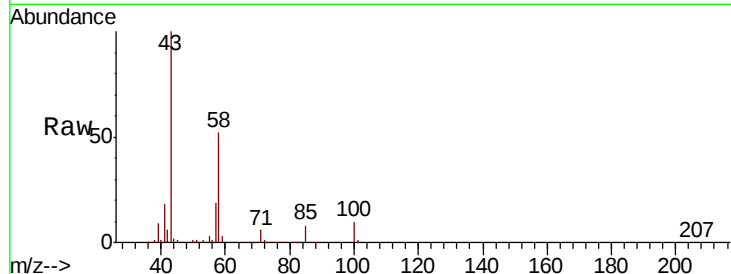




#59
2-Hexanone
Concen: 250.154 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.00 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

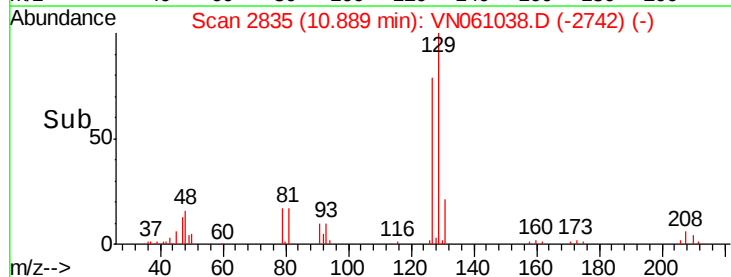
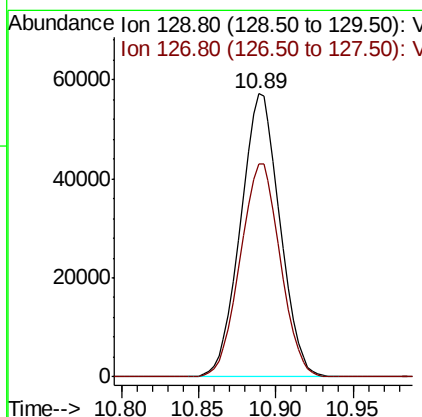
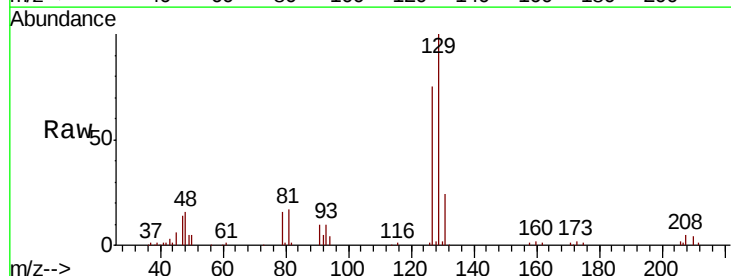
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

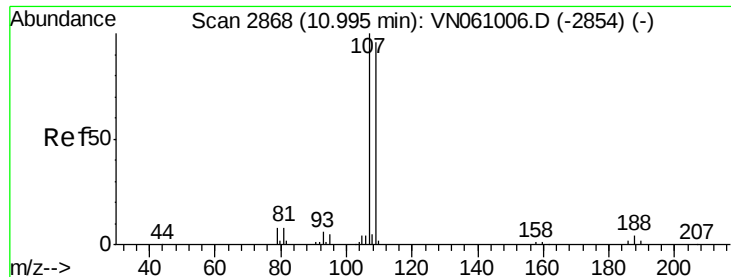
Tot Ion: 43 Resp: 537930
Ion Ratio Lower Upper
43 100
58 51.3 26.4 79.0



#60
Dibromochloromethane
Concen: 49.864 ug/l
RT: 10.89 min Scan# 2835
Delta R.T. -0.00 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

Tgt Ion: 129 Resp: 101046
Ion Ratio Lower Upper
129 100
127 76.6 39.0 116.9

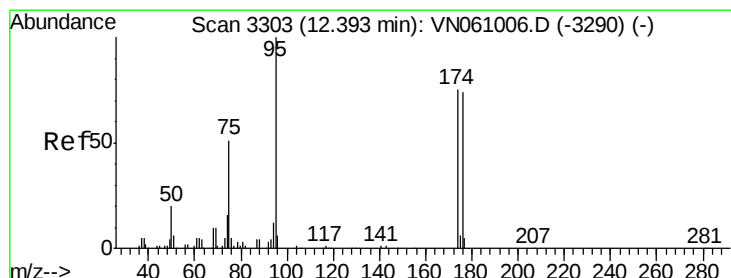
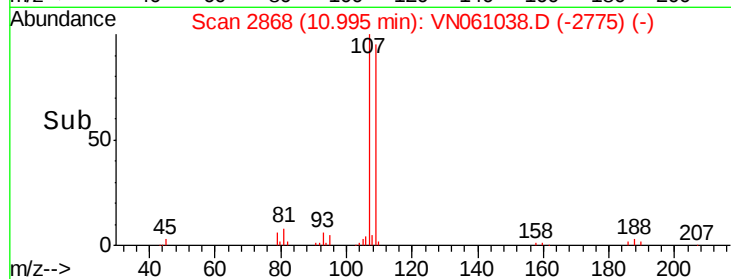
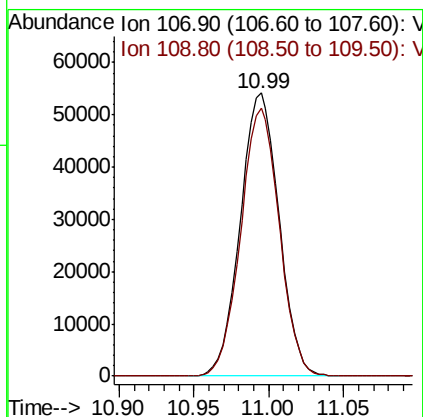
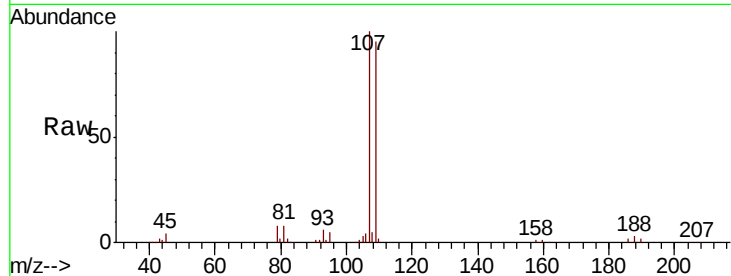




#61
 1,2-Dibromoethane
 Concen: 48.512 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

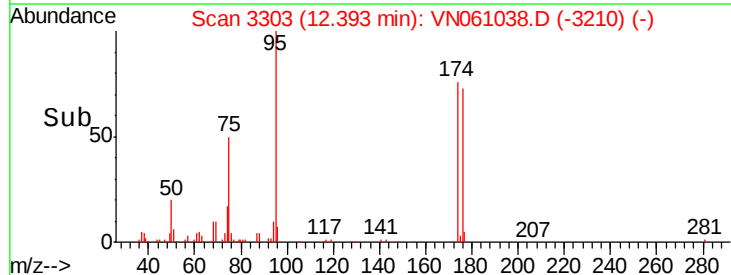
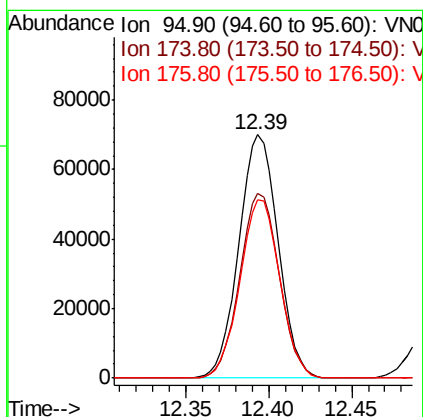
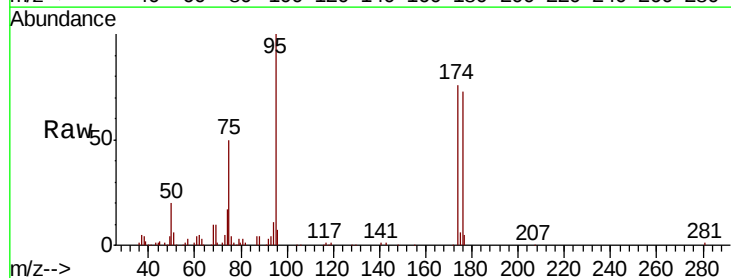
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

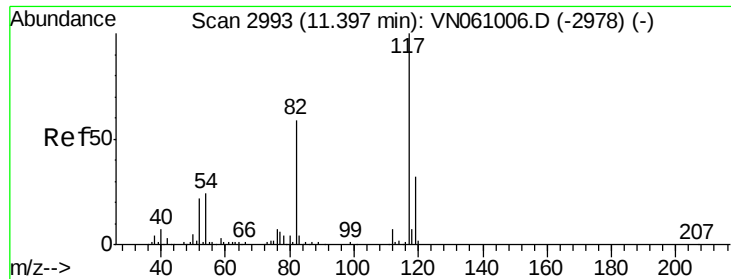
Tot Ion:107 Resp: 97516
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 47.023 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

Tgt Ion: 95 Resp: 115437
 Ion Ratio Lower Upper
 95 100
 174 76.5 0.0 151.2
 176 74.4 0.0 148.2

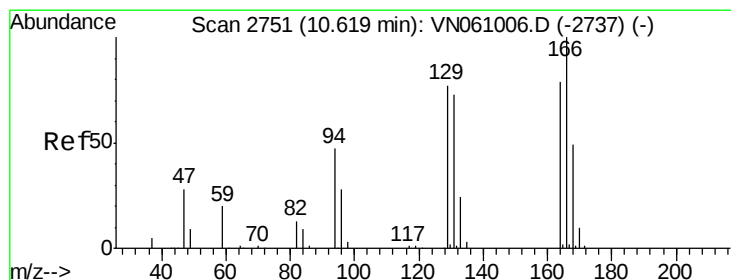
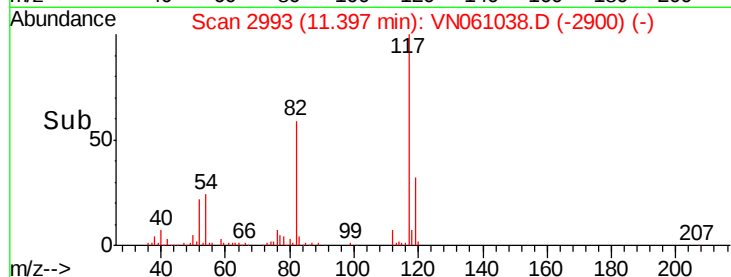
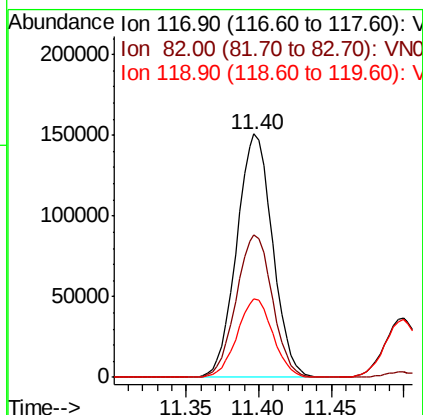
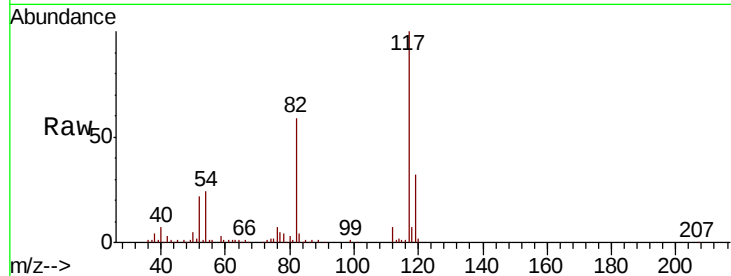




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

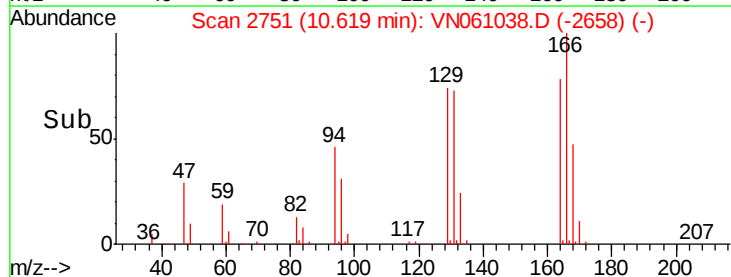
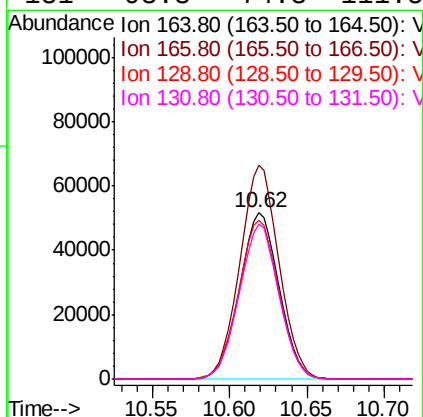
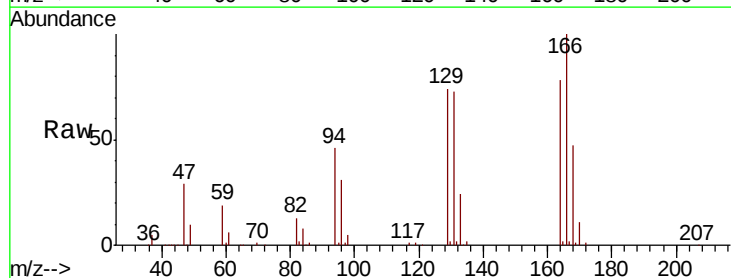
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

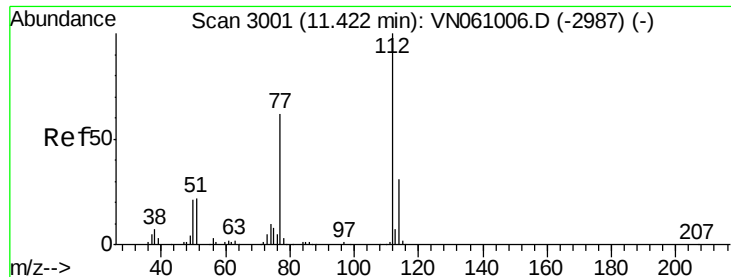
Tot Ion:117 Resp: 259890
Ion Ratio Lower Upper
117 100
82 58.7 47.1 70.7
119 32.2 25.7 38.5



#64
Tetrachloroethene
Concen: 46.156 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. 0.00 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

Tgt Ion:164 Resp: 91791
Ion Ratio Lower Upper
164 100
166 128.4 101.6 152.4
129 95.6 78.5 117.7
131 93.3 74.3 111.5





#65

Chlorobenzene

Concen: 46.493 ug/l

RT: 11.42 min Scan# 3001

Delta R.T. -0.00 min

Lab File: VN061038.D

Acq: 17 Apr 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

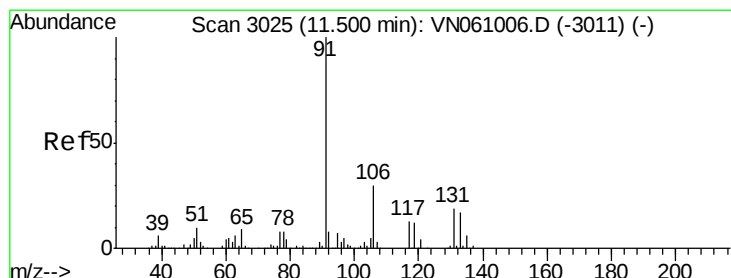
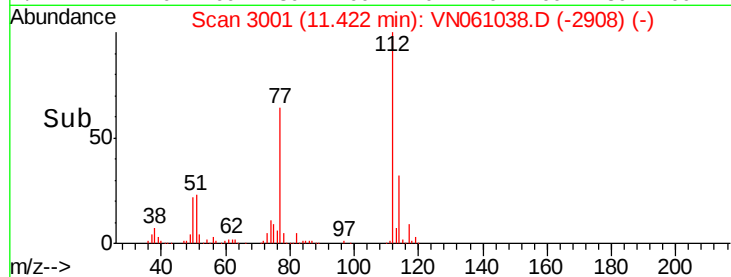
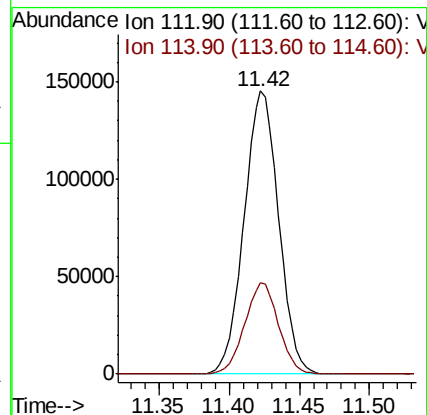
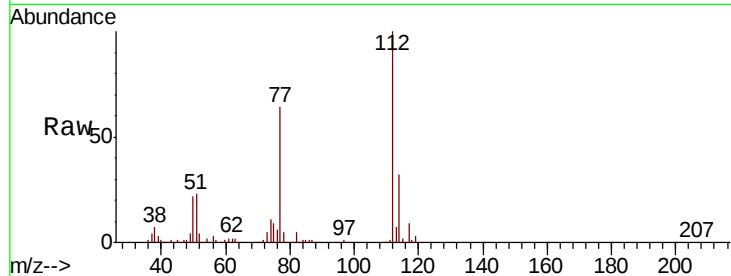
VSTDCCC050EC

Tot Ion:112 Resp: 249440

Ion Ratio Lower Upper

112 100

114 32.1 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 47.758 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN061038.D

Acq: 17 Apr 2020 1:23

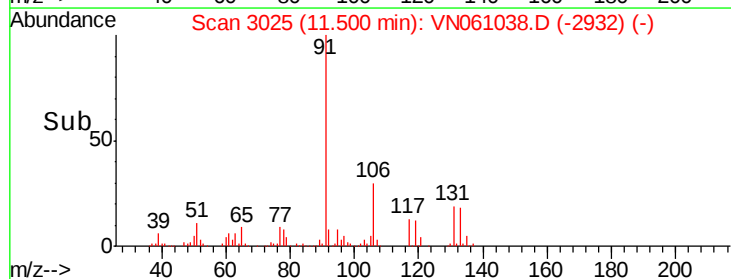
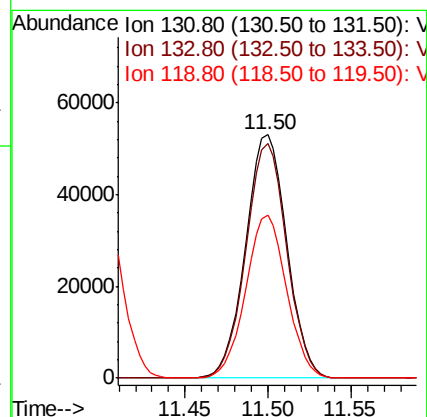
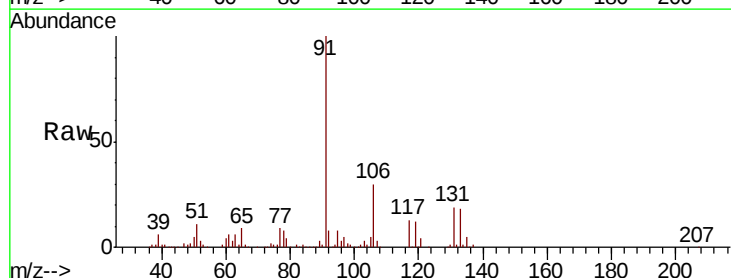
Tgt Ion:131 Resp: 91670

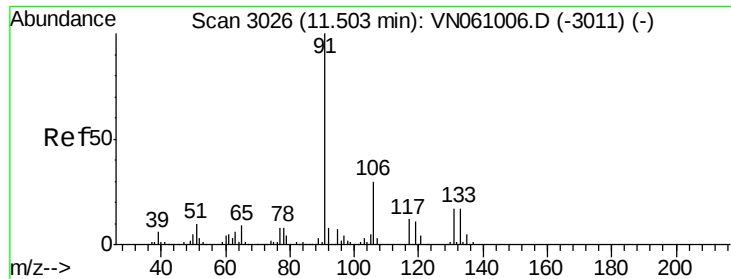
Ion Ratio Lower Upper

131 100

133 95.6 47.9 143.8

119 66.2 33.3 99.8

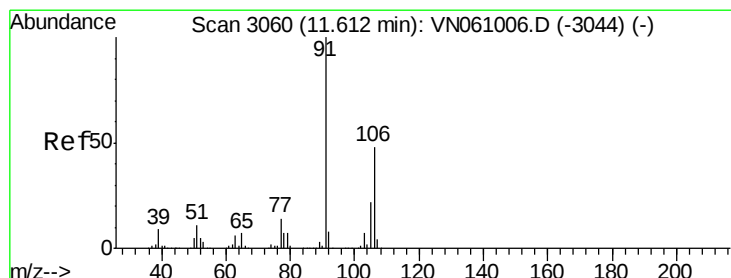
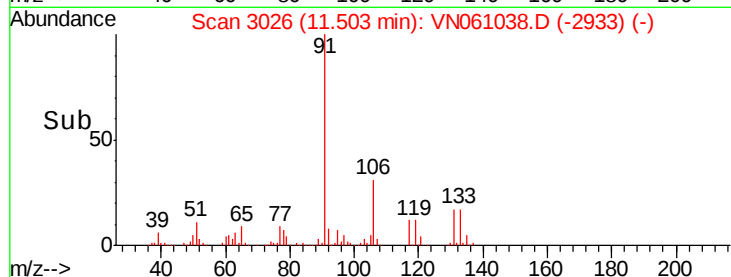
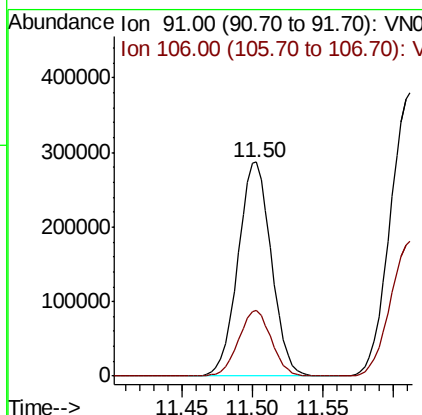
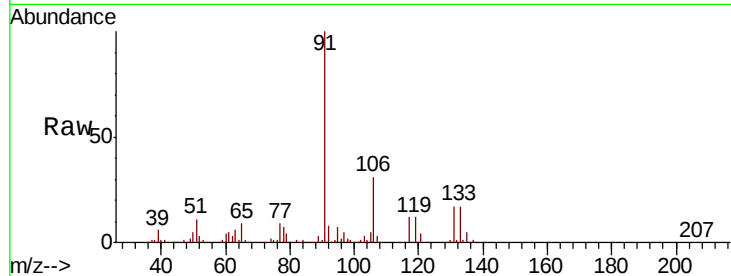




#67
Ethyl Benzene
Concen: 46.990 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

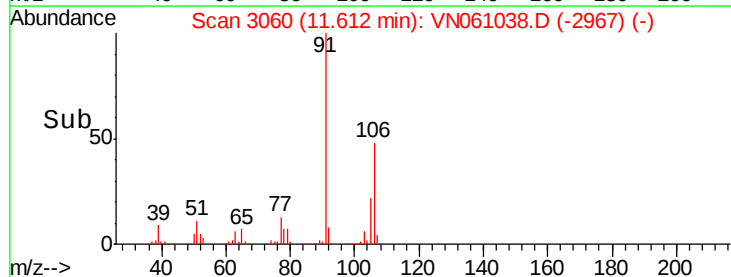
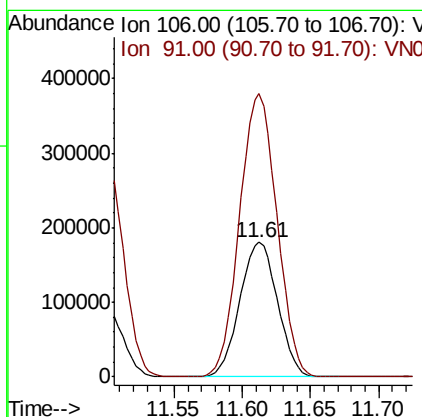
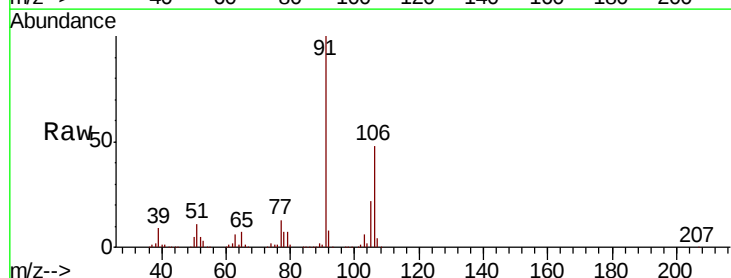
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

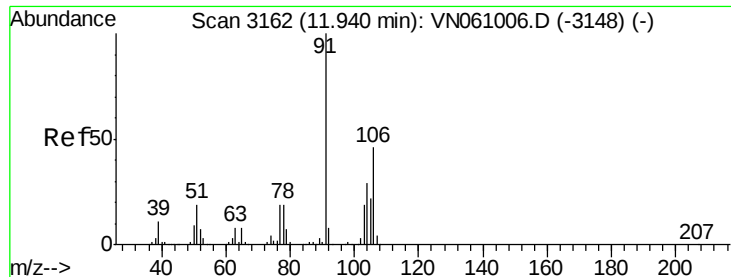
Tot Ion: 91 Resp: 474221
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.8



#68
m/p-Xylenes
Concen: 94.892 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. 0.00 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

Tgt Ion: 106 Resp: 346091
Ion Ratio Lower Upper
106 100
91 209.2 167.9 251.9

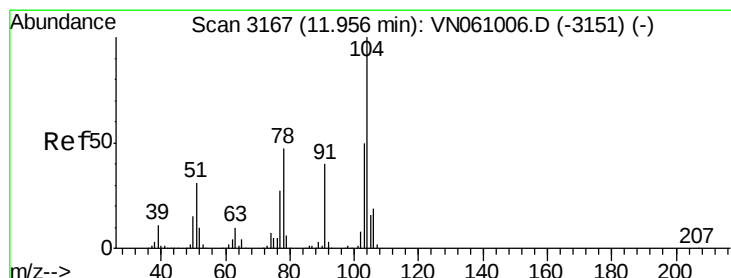
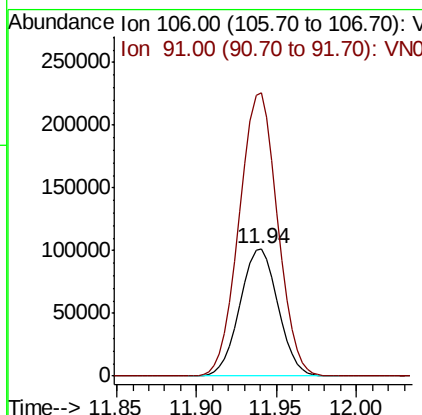
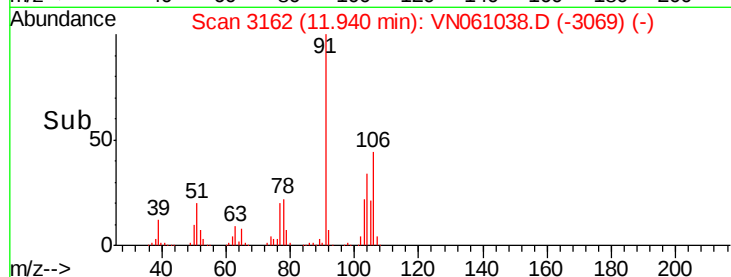
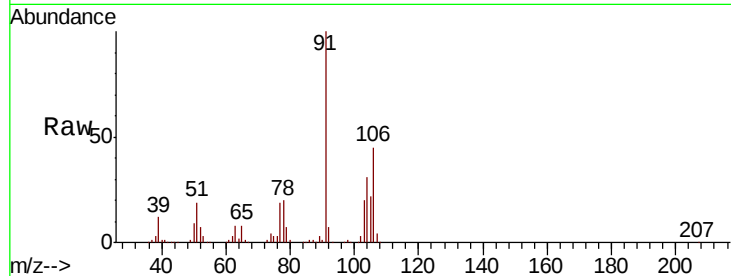




#69
o-Xylene
Concen: 47.141 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

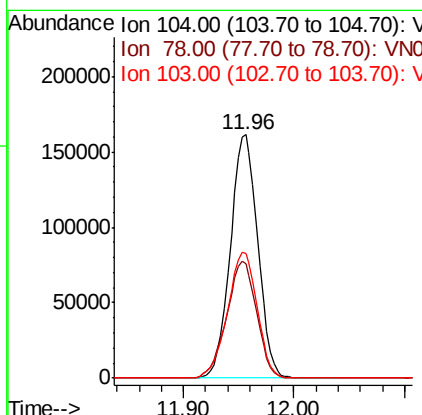
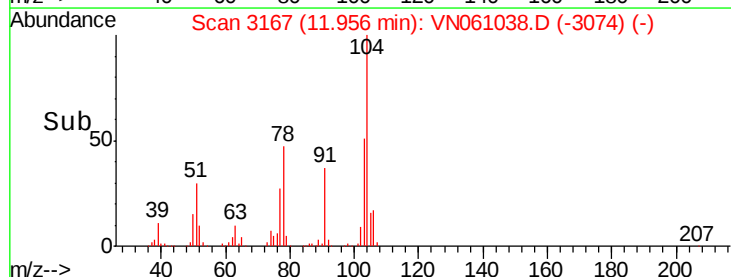
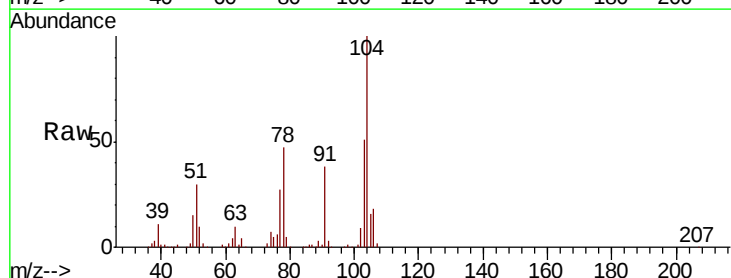
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

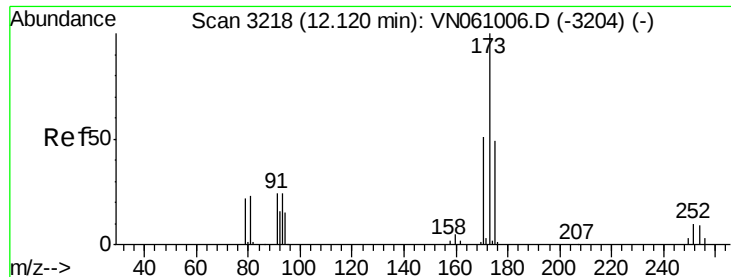
Tot Ion:106 Resp: 165311
Ion Ratio Lower Upper
106 100
91 223.0 110.7 332.1



#70
Styrene
Concen: 49.331 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

Tgt Ion:104 Resp: 278498
Ion Ratio Lower Upper
104 100
78 52.3 42.2 63.4
103 55.8 44.4 66.6





#71

Bromoform

Concen: 49.776 ug/l

RT: 12.12 min Scan# 3217

Delta R.T. -0.00 min

Lab File: VN061038.D

Acq: 17 Apr 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

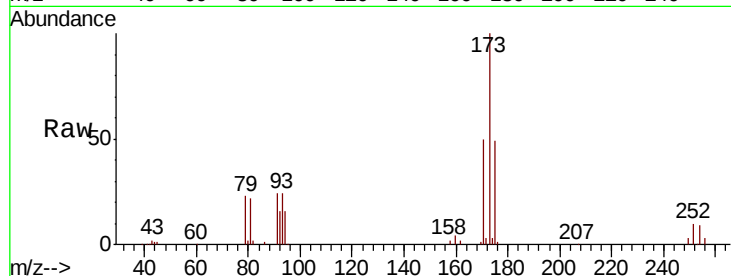
Tot Ion:173 Resp: 71317

Ion Ratio Lower Upper

173 100

175 49.1 24.5 73.5

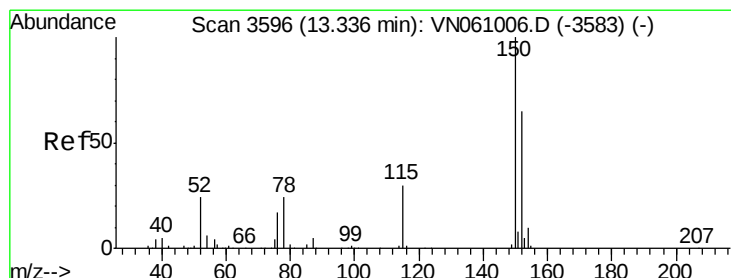
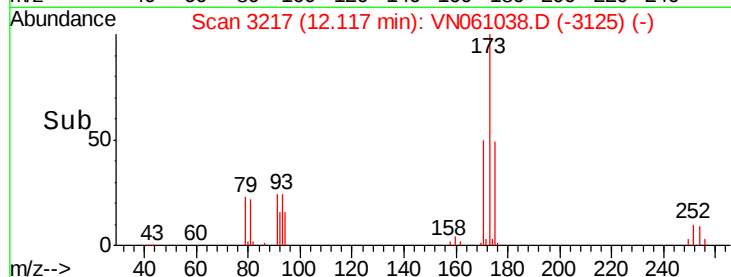
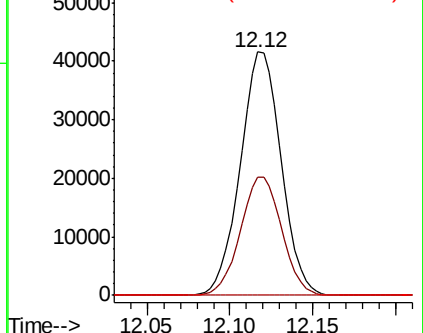
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3596

Delta R.T. 0.00 min

Lab File: VN061038.D

Acq: 17 Apr 2020 1:23

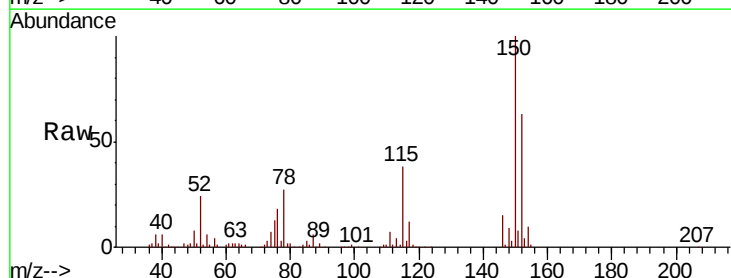
Tgt Ion:152 Resp: 121446

Ion Ratio Lower Upper

152 100

115 61.0 30.8 92.4

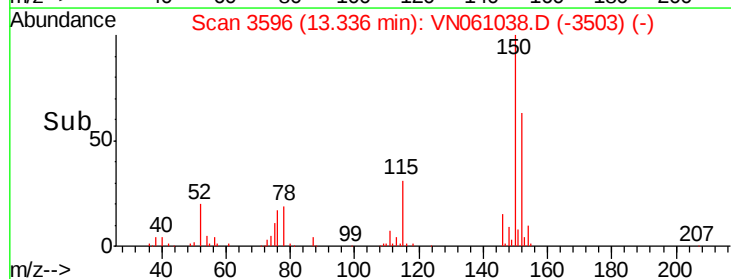
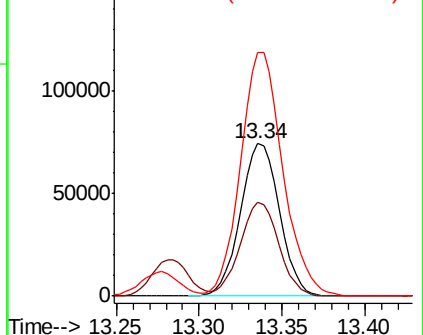
150 173.0 0.0 349.0

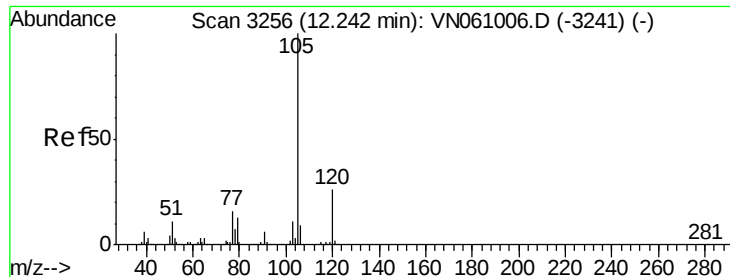


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.650 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN061038.D

Acq: 17 Apr 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

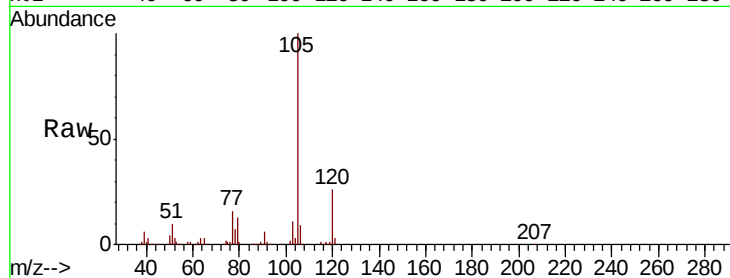
VSTDCCC050EC

Tot Ion:105 Resp: 444156

Ion Ratio Lower Upper

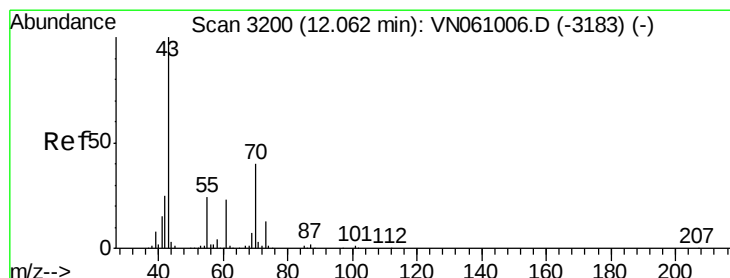
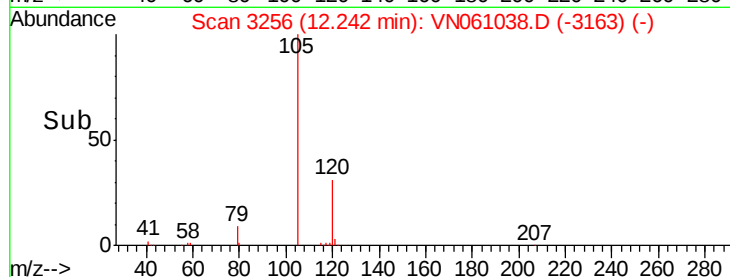
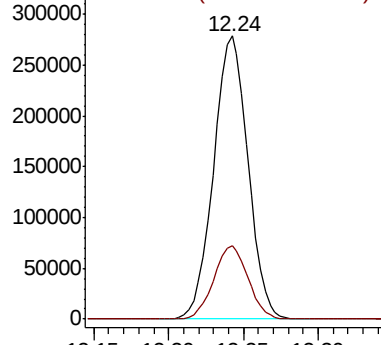
105 100

120 26.0 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.735 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN061038.D

Acq: 17 Apr 2020 1:23

Tgt Ion: 43 Resp: 215982

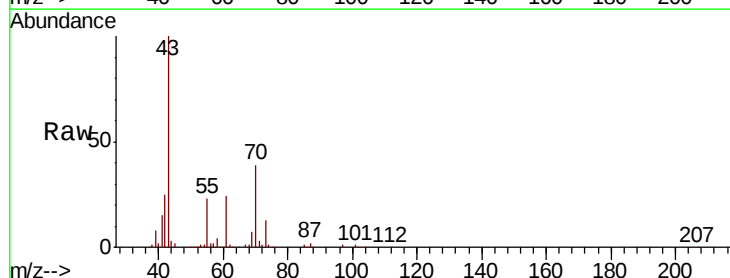
Ion Ratio Lower Upper

43 100

70 39.3 31.0 46.6

55 23.2 18.6 27.8

61 23.5 18.2 27.4

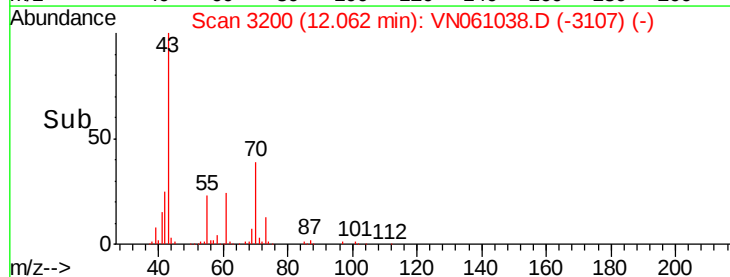
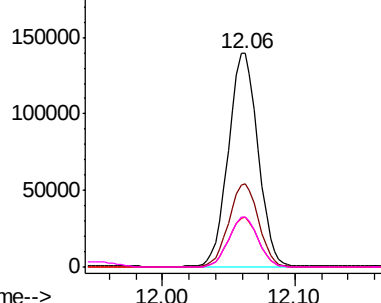


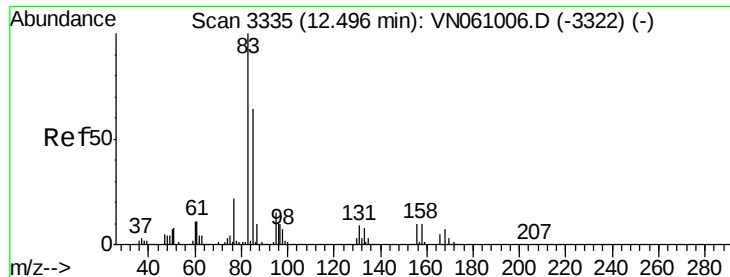
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 47.024 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN061038.D

Acq: 17 Apr 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

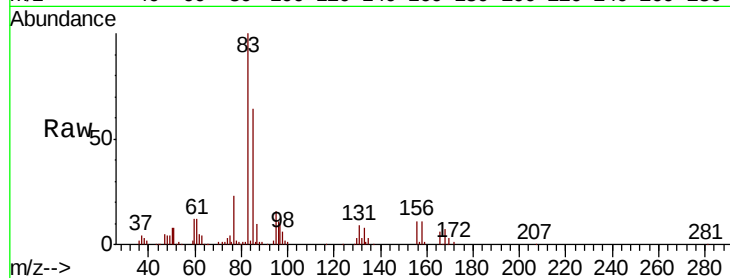
Tot Ion: 83 Resp: 139662

Ion Ratio Lower Upper

83 100

131 9.8 4.8 14.3

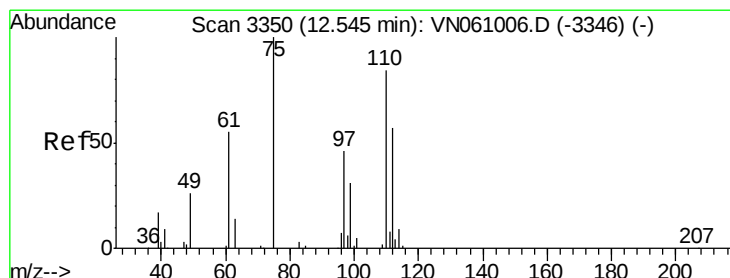
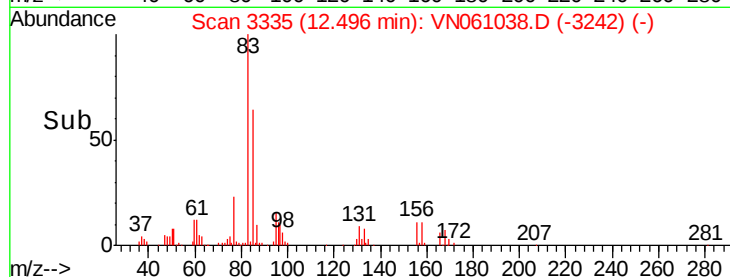
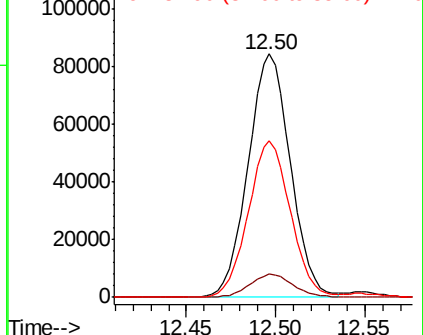
85 64.0 32.3 96.8



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: 70.012 ug/l

RT: 12.54 min Scan# 3350

Delta R.T. -0.00 min

Lab File: VN061038.D

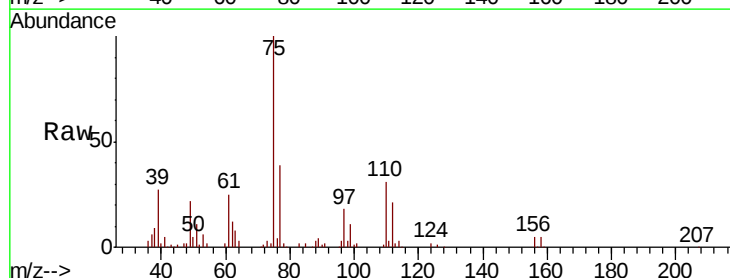
Acq: 17 Apr 2020 1:23

Tgt Ion: 75 Resp: 187023

Ion Ratio Lower Upper

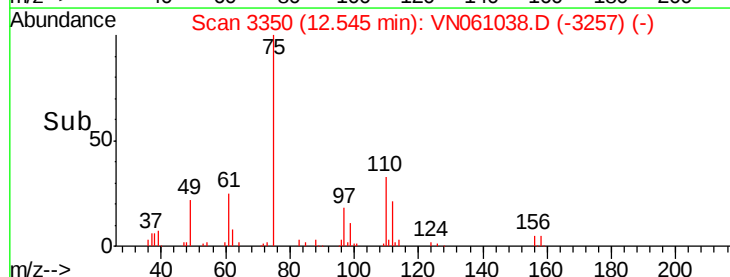
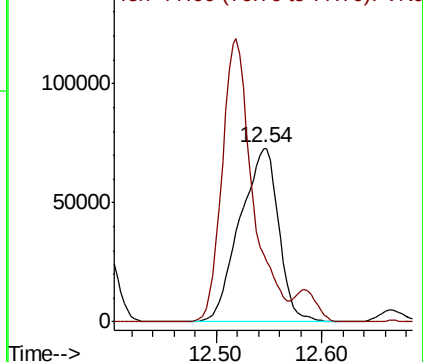
75 100

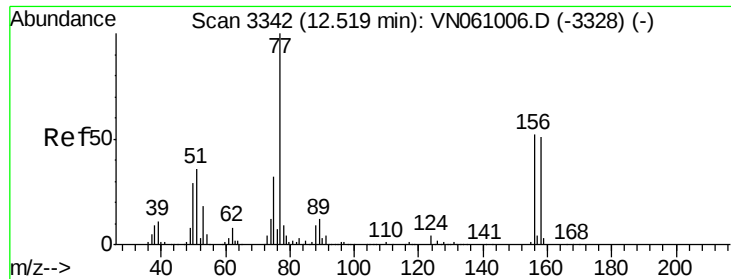
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

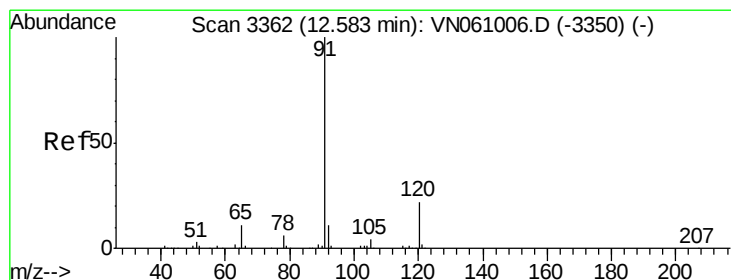
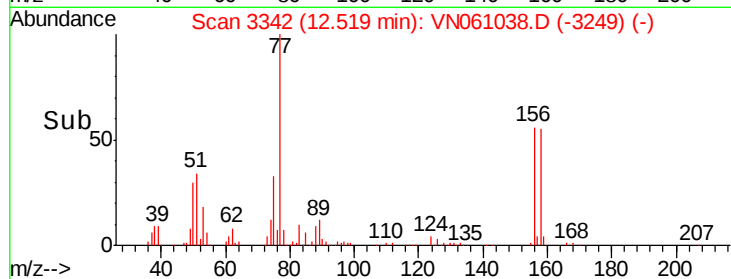
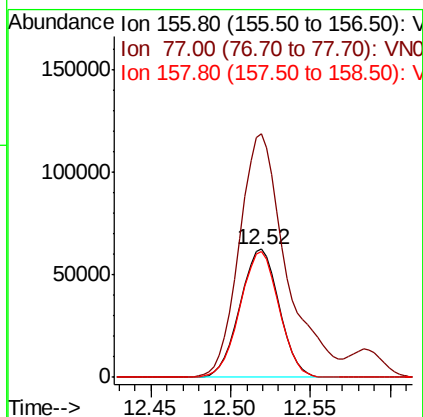
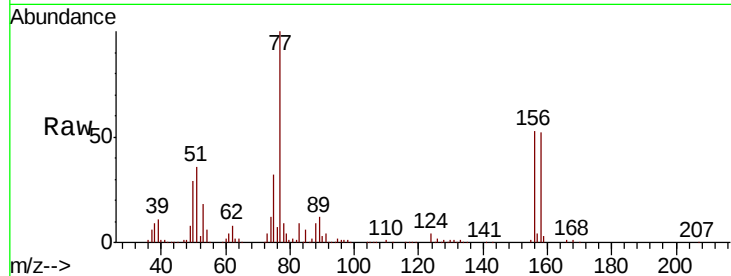




#77
Bromobenzene
Concen: 46.072 ug/l
RT: 12.52 min Scan# 3342
Delta R.T. 0.00 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

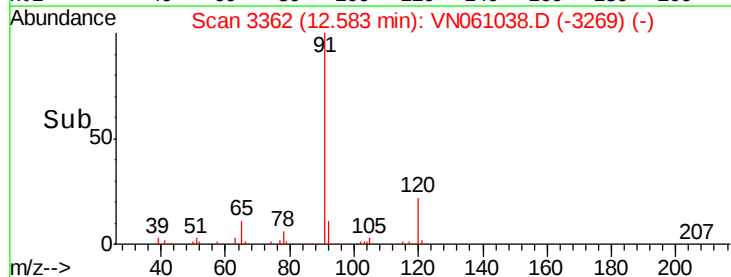
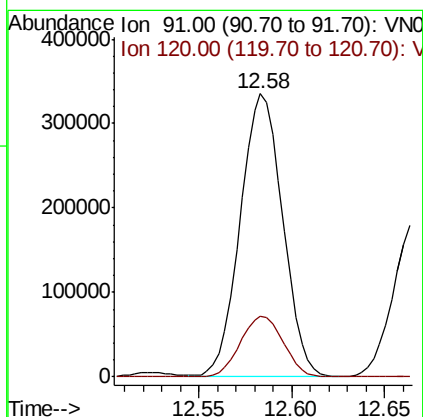
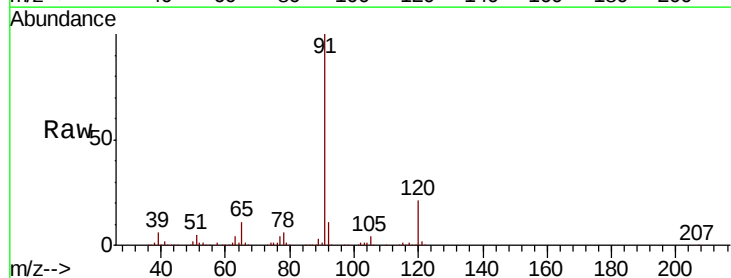
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

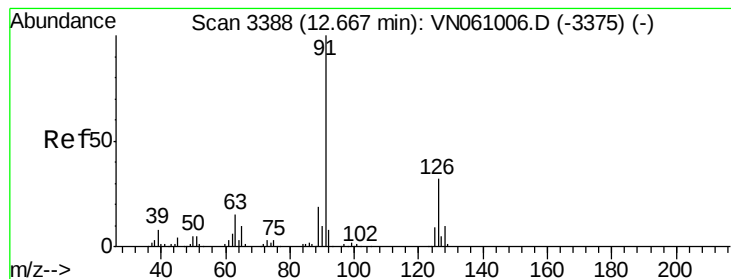
Tot Ion:156 Resp: 104662
Ion Ratio Lower Upper
156 100
77 229.2 115.6 346.8
158 97.9 48.9 146.6



#78
n-propylbenzene
Concen: 46.668 ug/l
RT: 12.58 min Scan# 3362
Delta R.T. -0.00 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

Tgt Ion: 91 Resp: 531238
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.7





#79

2-Chlorotoluene

Concen: 46.256 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. 0.00 min

Lab File: VN061038.D

Acq: 17 Apr 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

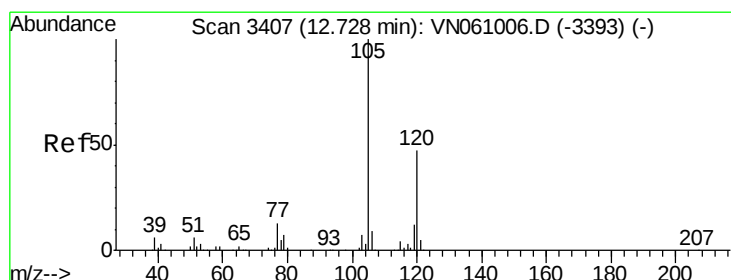
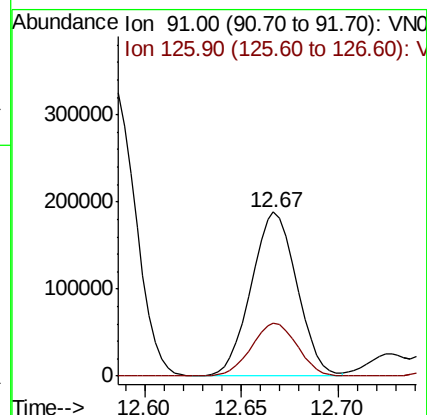
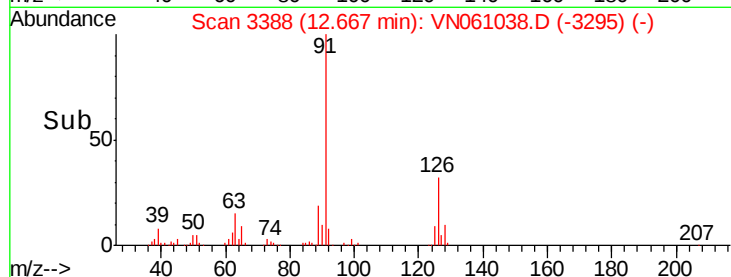
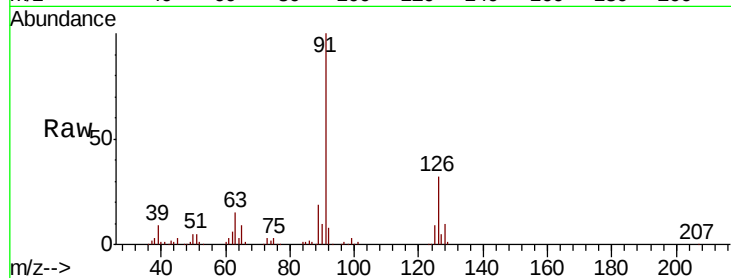
VSTDCCC050EC

Tot Ion: 91 Resp: 308821

Ion Ratio Lower Upper

91 100

126 32.5 16.1 48.2



#80

1,3,5-Trimethylbenzene

Concen: 46.768 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN061038.D

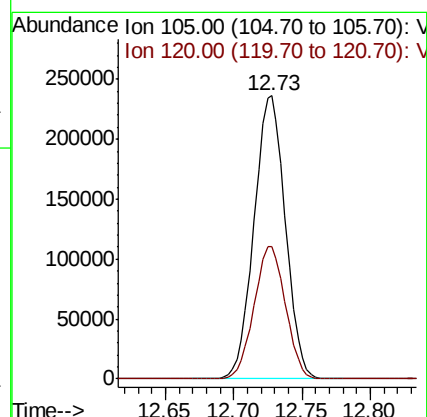
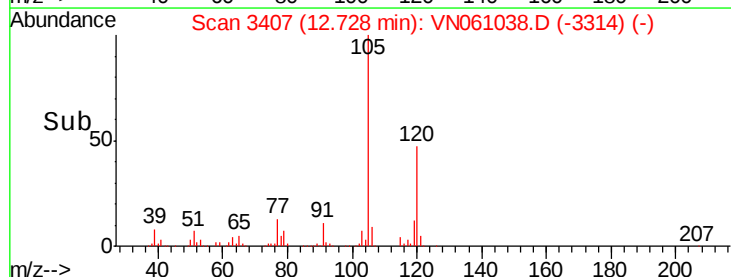
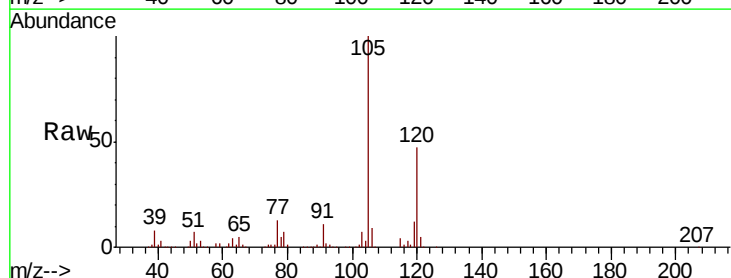
Acq: 17 Apr 2020 1:23

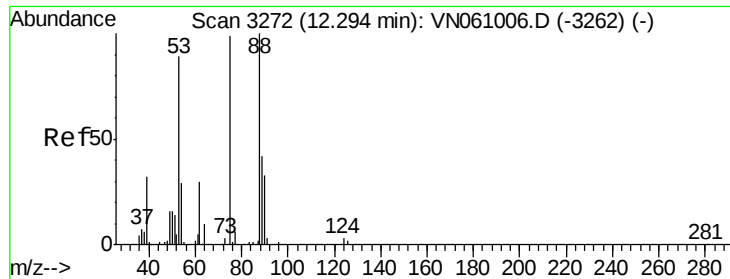
Tgt Ion: 105 Resp: 376116

Ion Ratio Lower Upper

105 100

120 47.0 23.6 70.8





#81

trans-1,4-Dichloro-2-butene

Concen: 43.625 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN061038.D

Acq: 17 Apr 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

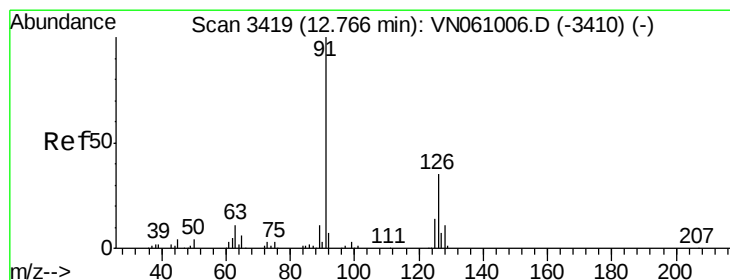
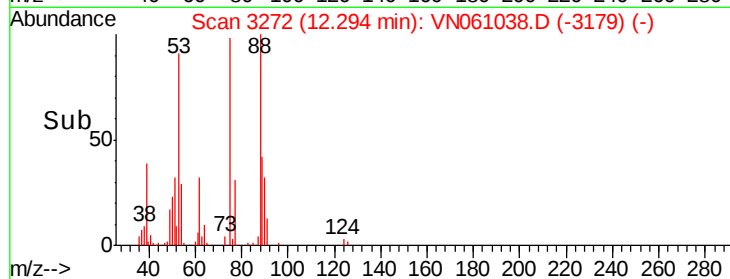
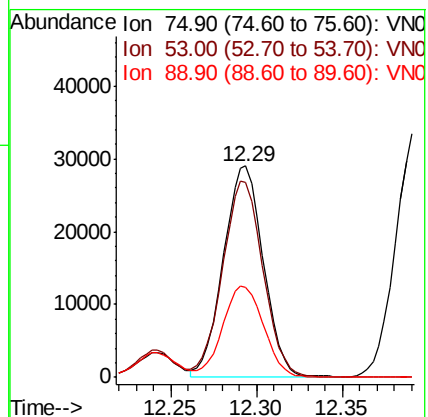
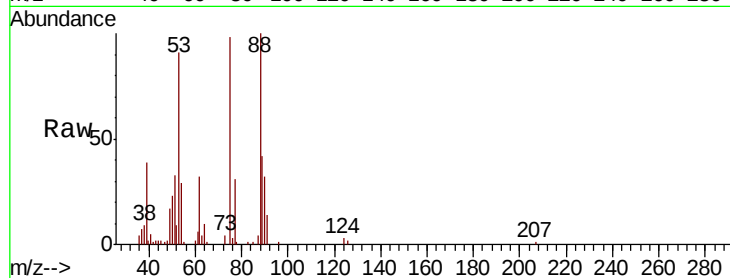
Tot Ion: 75 Resp: 47246

Ion Ratio Lower Upper

75 100

53 94.1 74.7 112.1

89 44.0 34.6 52.0



#82

4-Chlorotoluene

Concen: 46.442 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN061038.D

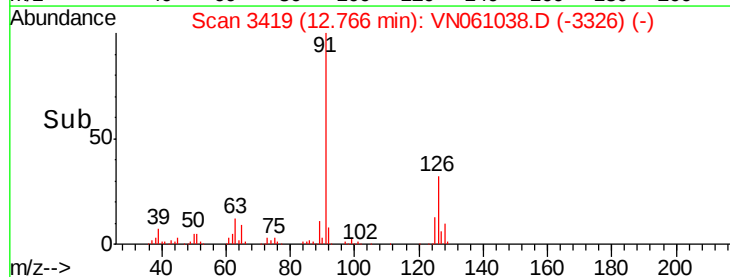
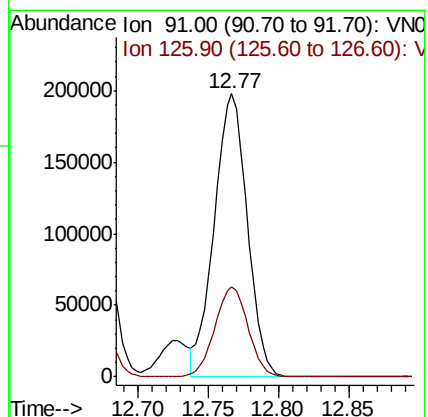
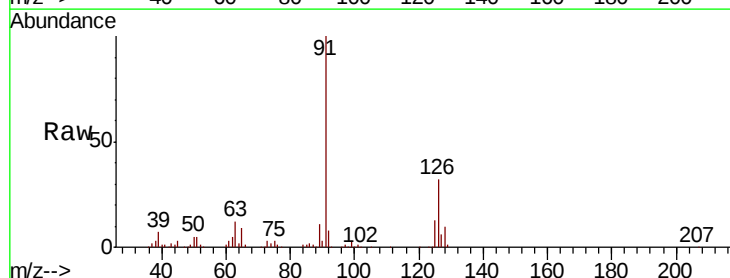
Acq: 17 Apr 2020 1:23

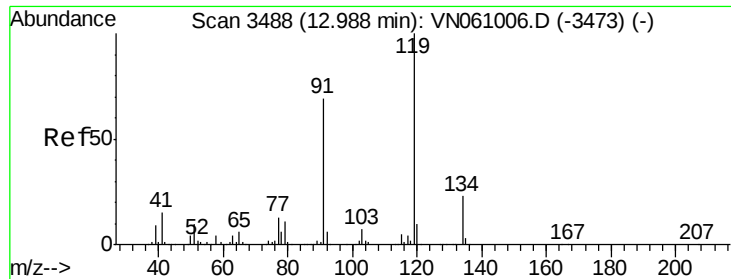
Tgt Ion: 91 Resp: 321579

Ion Ratio Lower Upper

91 100

126 31.9 15.9 47.6

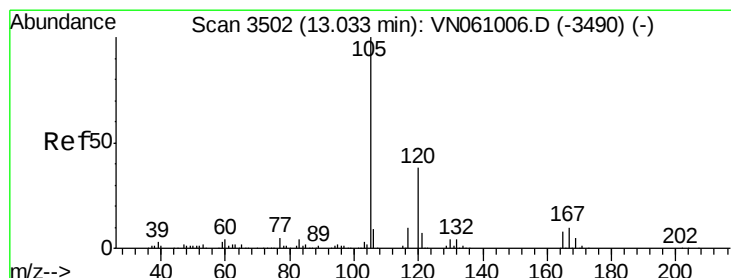
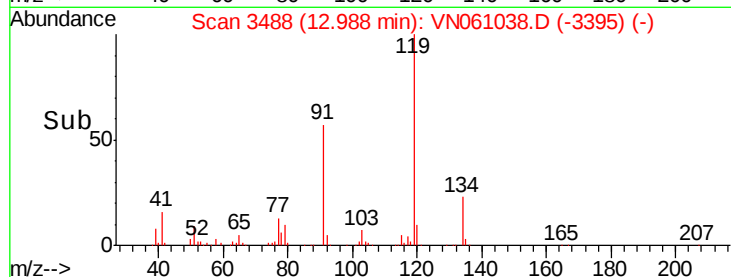
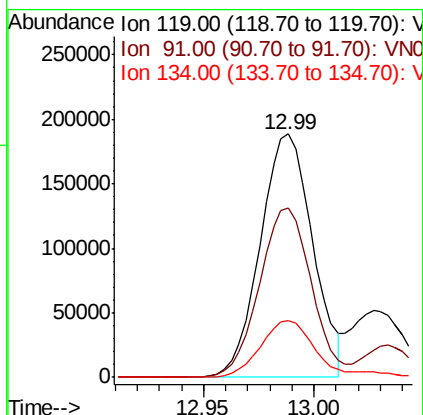
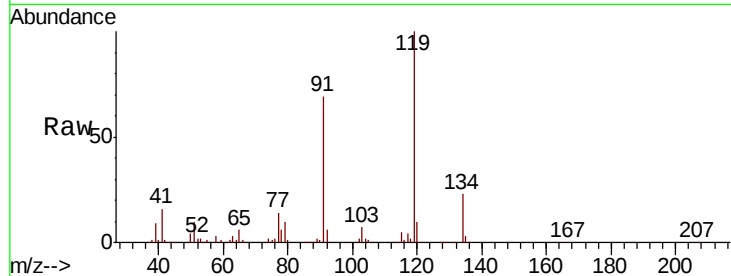




#83
 tert-Butylbenzene
 Concen: 45.883 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

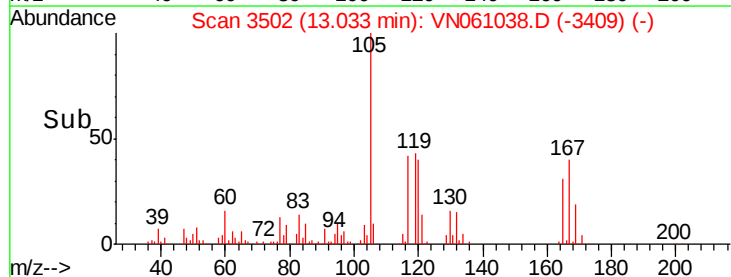
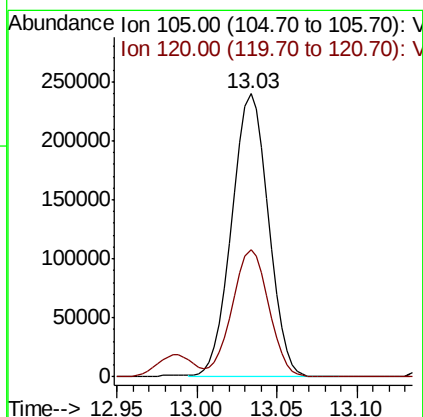
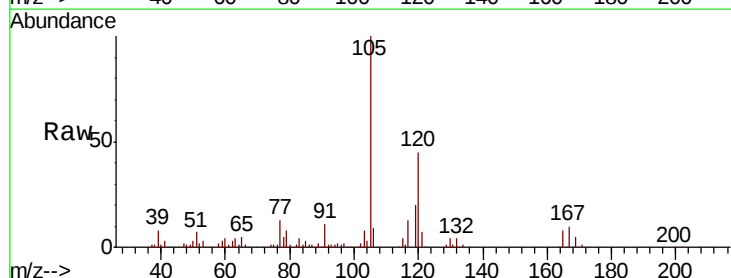
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

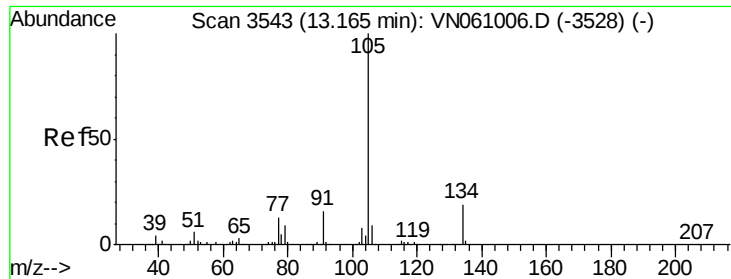
Tot Ion:119 Resp: 310328
 Ion Ratio Lower Upper
 119 100
 91 68.8 34.1 102.3
 134 25.2 12.4 37.2



#84
 1,2,4-Trimethylbenzene
 Concen: 47.088 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. 0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

Tgt Ion:105 Resp: 374330
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.1 66.5

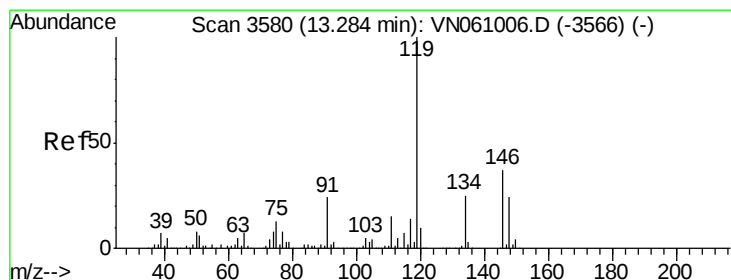
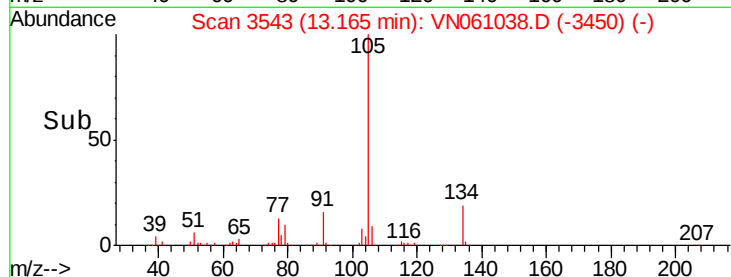
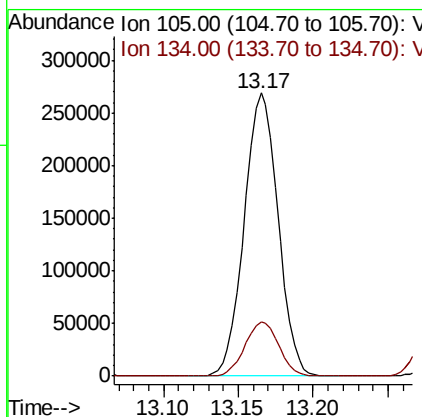
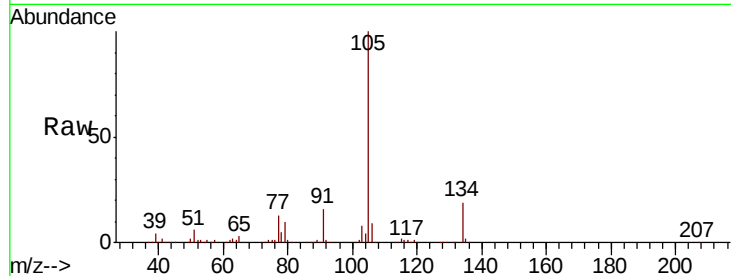




#85
 sec-Butylbenzene
 Concen: 46.253 ug/l
 RT: 13.17 min Scan# 3543
 Delta R.T. -0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

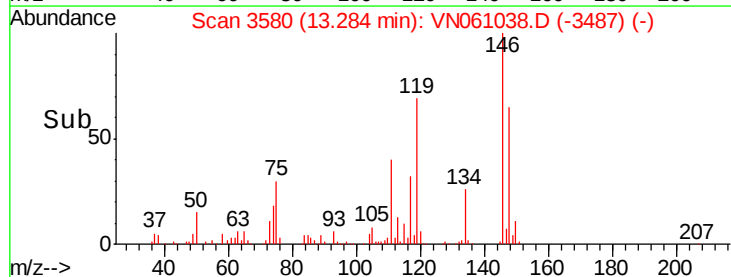
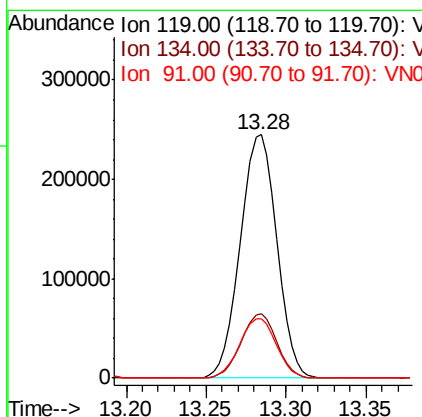
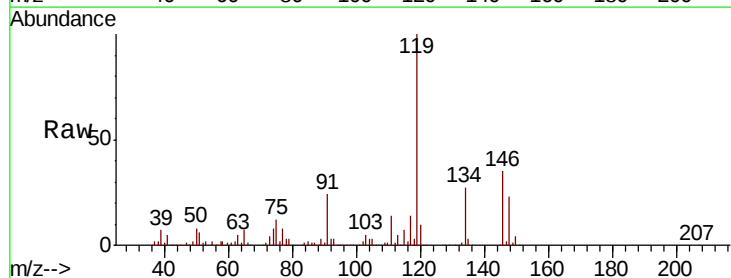
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

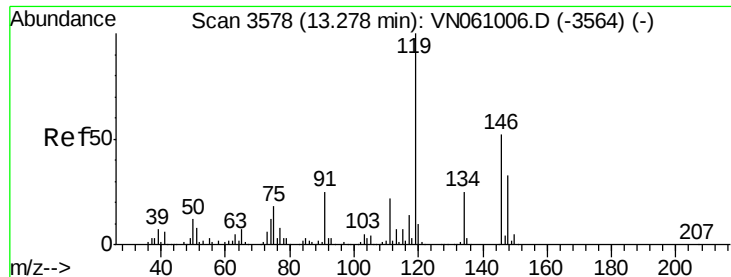
Tot Ion:105 Resp: 423864
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 46.746 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

Tgt Ion:119 Resp: 381460
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.4
 91 24.6 12.3 36.8

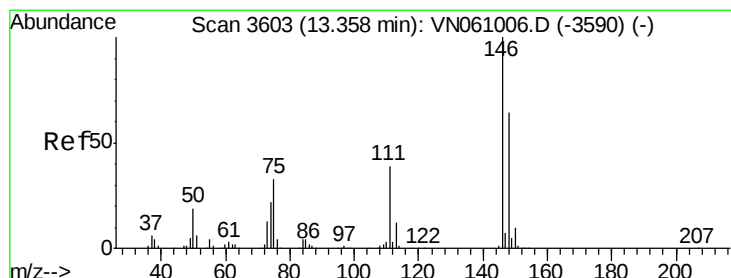
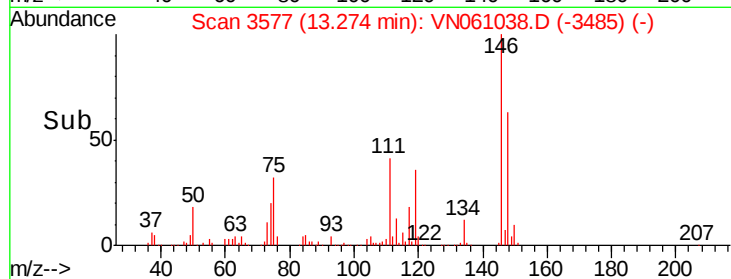
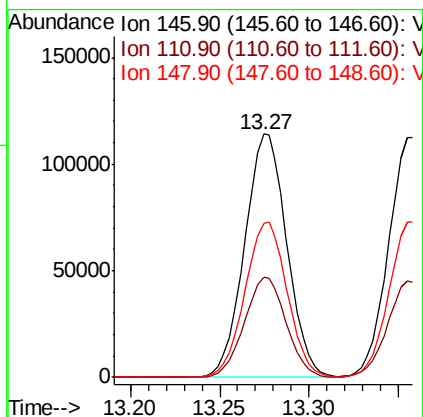
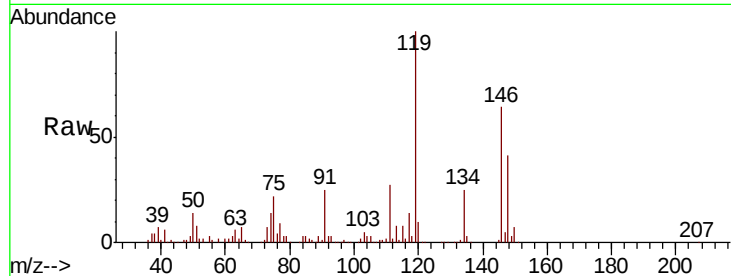




#87
 1,3-Dichlorobenzene
 Concen: 46.650 ug/l
 RT: 13.27 min Scan# 3577
 Delta R.T. -0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

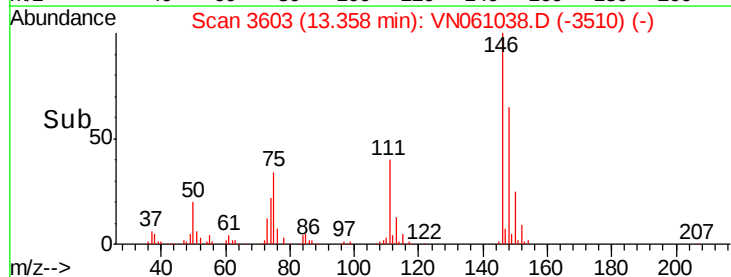
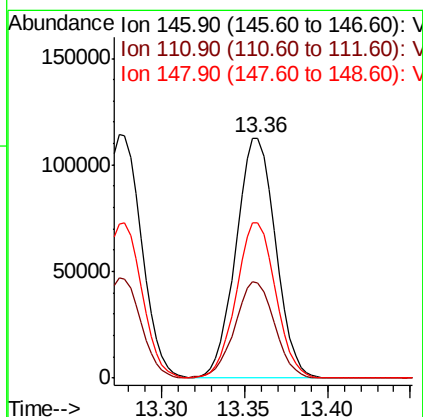
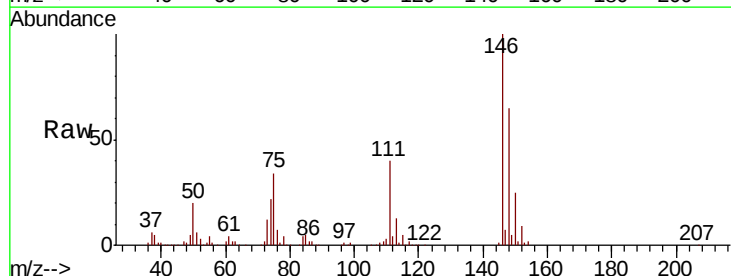
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

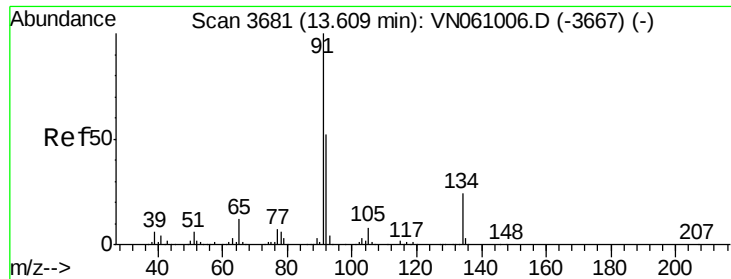
Tot Ion:146 Resp: 188864
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.6 61.8
 148 63.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 46.002 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

Tgt Ion:146 Resp: 187362
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.1 60.3
 148 64.2 32.1 96.3





#89

n-Butylbenzene

Concen: 46.039 ug/l

RT: 13.61 min Scan# 3681

Delta R.T. 0.00 min

Lab File: VN061038.D

Acq: 17 Apr 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

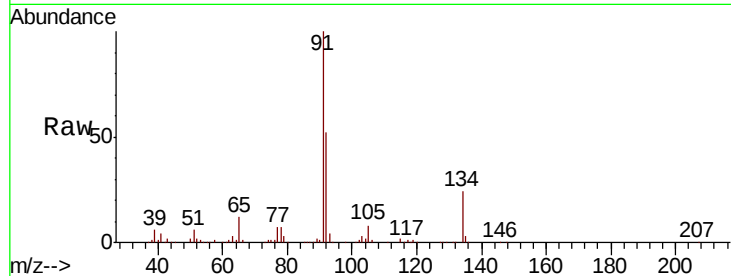
Tot Ion: 91 Resp: 349364

Ion Ratio Lower Upper

91 100

92 52.3 26.1 78.2

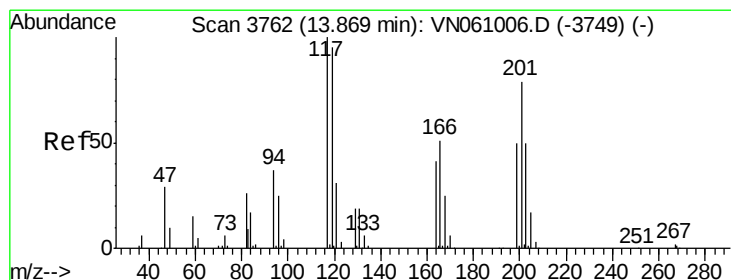
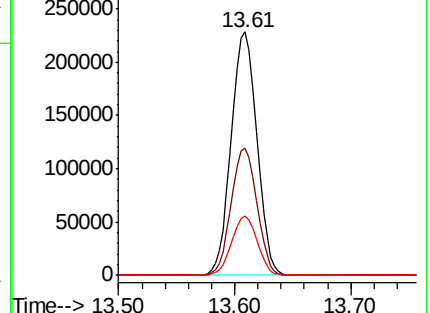
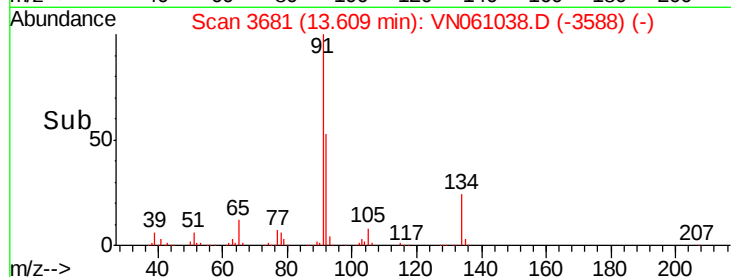
134 24.1 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VN061006.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN061006.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN061006.D (-3667) (-)



#90

Hexachloroethane

Concen: 46.246 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN061038.D

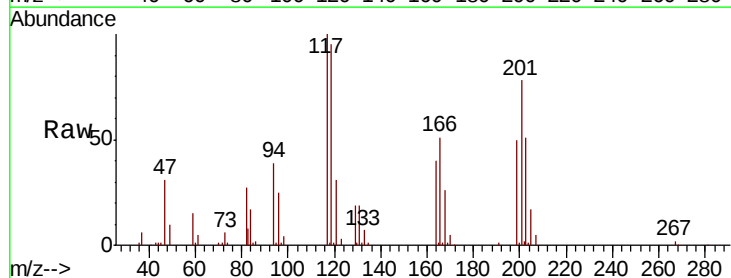
Acq: 17 Apr 2020 1:23

Tgt Ion: 117 Resp: 57899

Ion Ratio Lower Upper

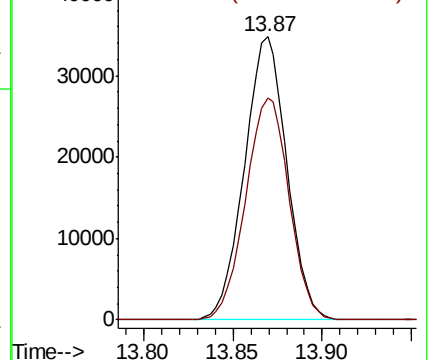
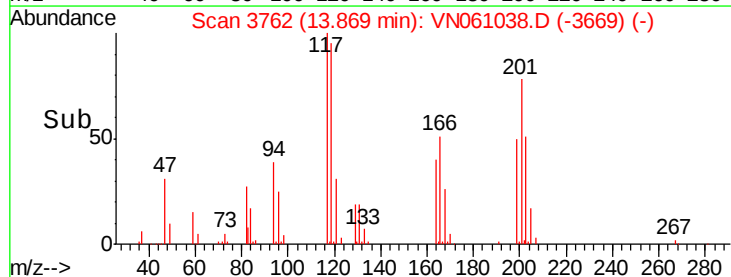
117 100

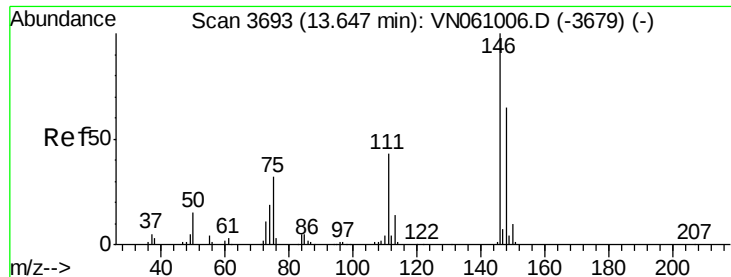
201 80.1 39.3 117.9



Abundance Ion 116.80 (116.50 to 117.50): VN061006.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN061006.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 46.878 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. -0.00 min

Lab File: VN061038.D

Acq: 17 Apr 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

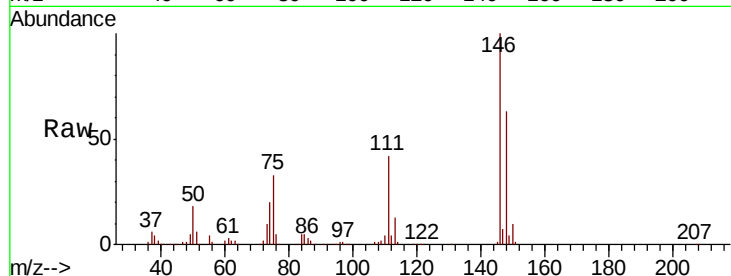
Tot Ion:146 Resp: 181137

Ion Ratio Lower Upper

146 100

111 42.5 21.3 64.0

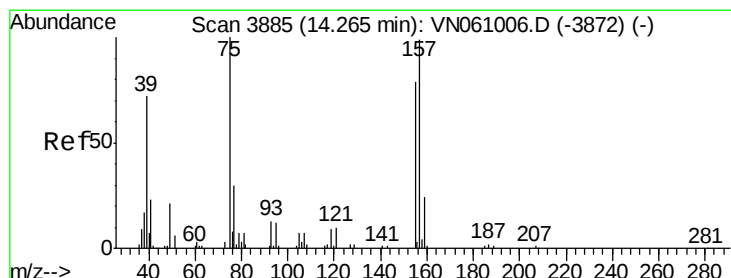
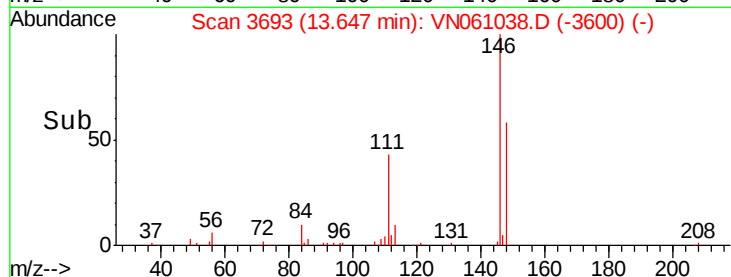
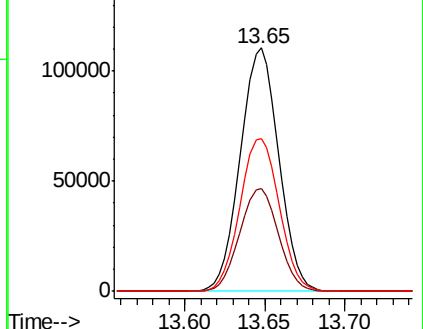
148 64.0 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.711 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. -0.00 min

Lab File: VN061038.D

Acq: 17 Apr 2020 1:23

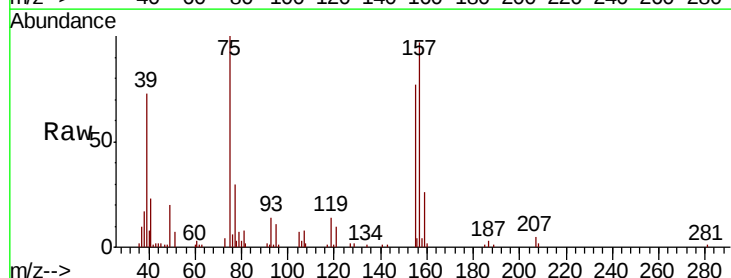
Tgt Ion: 75 Resp: 29149

Ion Ratio Lower Upper

75 100

155 76.6 39.5 118.5

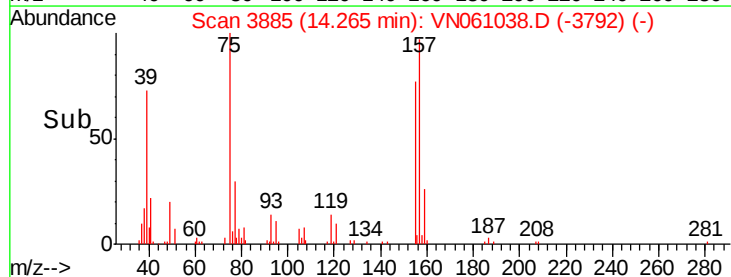
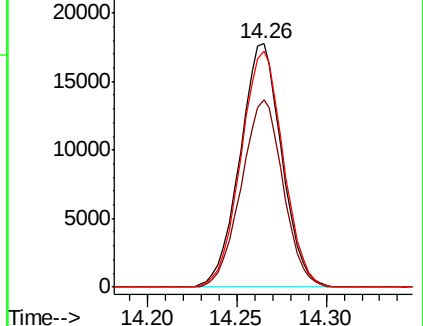
157 98.3 50.1 150.4

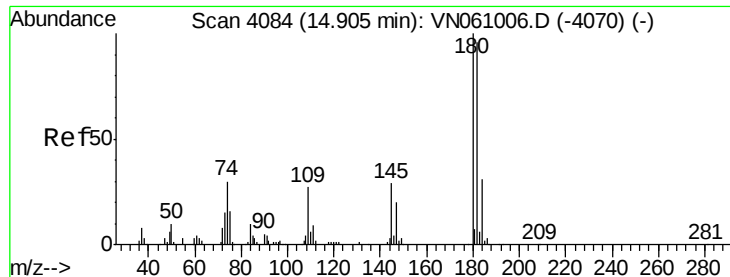


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

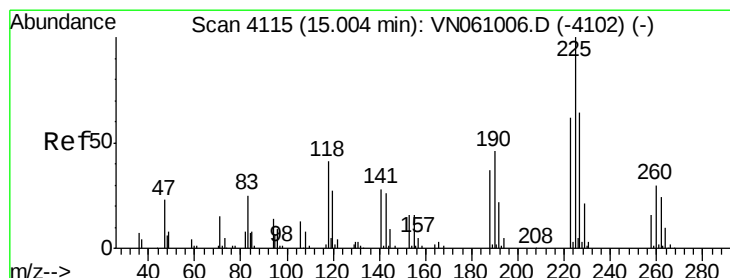
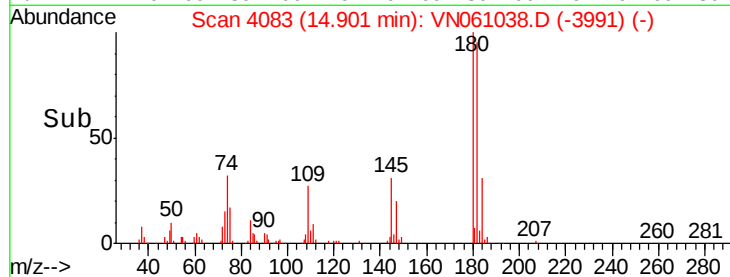
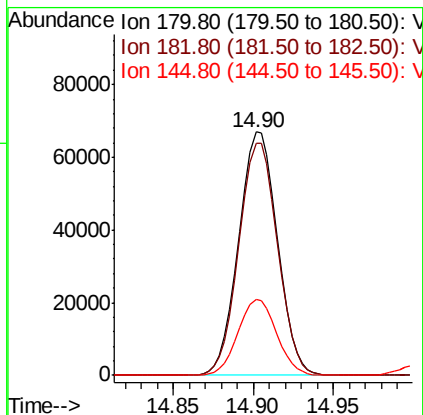
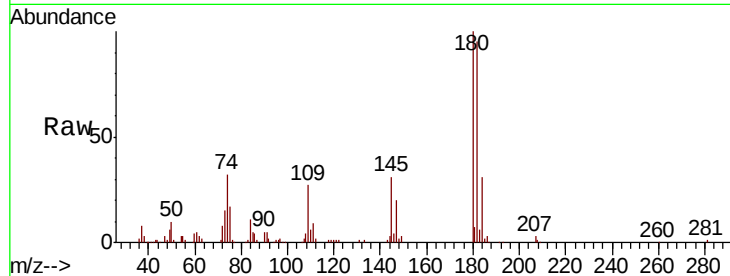




#93
 1,2,4-Trichlorobenzene
 Concen: 48.279 ug/l
 RT: 14.90 min Scan# 4083
 Delta R.T. -0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

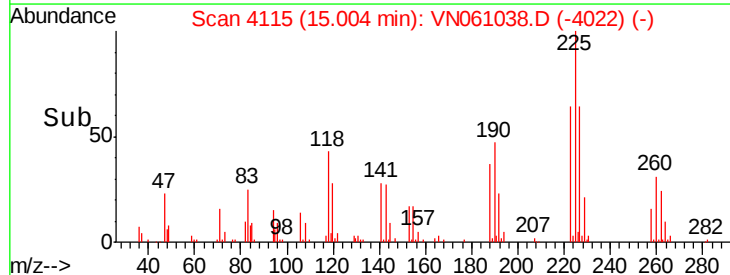
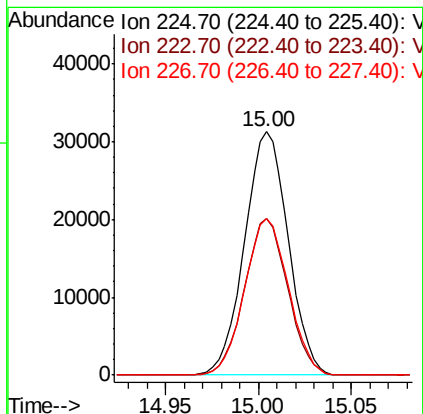
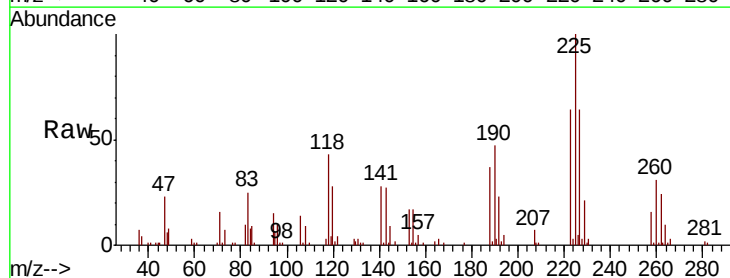
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

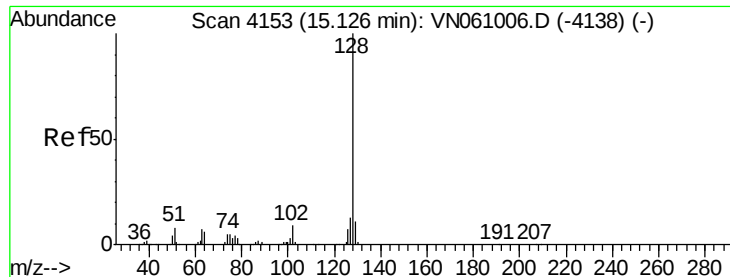
Tot Ion:180 Resp: 110415
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.8 143.3
 145 30.9 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 43.449 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN061038.D
 Acq: 17 Apr 2020 1:23

Tgt Ion:225 Resp: 51119
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.3 93.8
 227 64.2 31.9 95.5

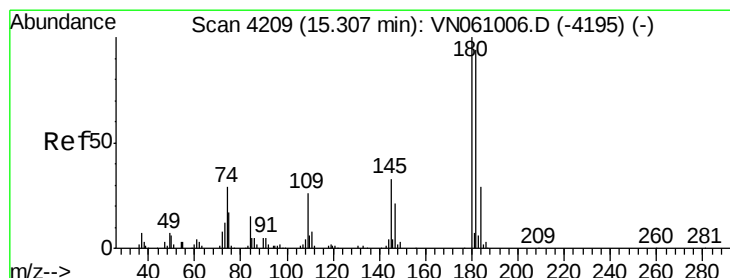
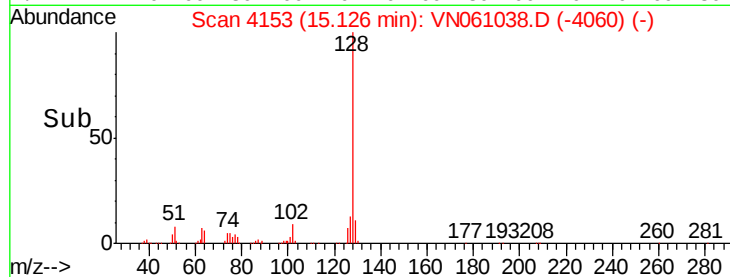
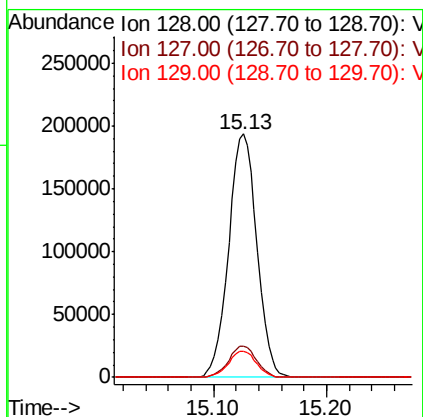
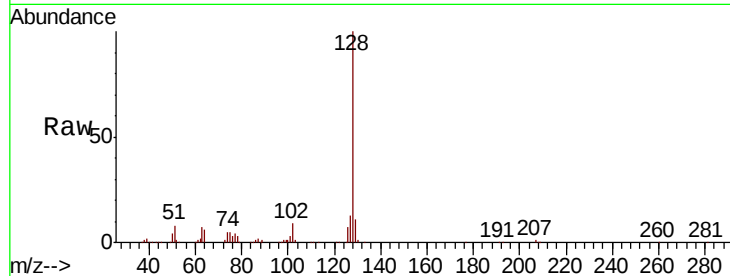




#95
Naphthalene
Concen: 50.312 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 335572
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.811 ug/l
RT: 15.31 min Scan# 4209
Delta R.T. 0.00 min
Lab File: VN061038.D
Acq: 17 Apr 2020 1:23

Tgt Ion:180 Resp: 107579
Ion Ratio Lower Upper
180 100
182 95.0 47.6 142.8
145 32.3 16.4 49.2

