

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060120\
 Data File : VN061606.D
 Acq On : 1 Jun 2020 19:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 02 03:57:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	406978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	645019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	608109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	317088	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	202981	41.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.72%	
35) Dibromofluoromethane	7.55	113	162977	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	10.06	98	703117	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
62) 4-Bromofluorobenzene	12.37	95	258134	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	224914	47.914	ug/l	98
3) Chloromethane	2.03	50	205218	41.343	ug/l	98
4) Vinyl Chloride	2.16	62	281609	41.399	ug/l	100
5) Bromomethane	2.53	94	165074	42.292	ug/l	100
6) Chloroethane	2.67	64	175306	40.039	ug/l	99
7) Trichlorofluoromethane	2.98	101	342767	39.076	ug/l	99
8) Diethyl Ether	3.37	74	115719	43.143	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	175870	45.182	ug/l	96
10) Methyl Iodide	3.91	142	243583	45.079	ug/l	98
11) Tert butyl alcohol	4.72	59	129864	201.353	ug/l	100
12) 1,1-Dichloroethene	3.70	96	182072	43.782	ug/l	96
13) Acrolein	3.56	56	49933	269.669	ug/l	95
14) Allyl chloride	4.27	41	220121	40.488	ug/l	97
15) Acrylonitrile	4.93	53	364749	202.615	ug/l	100
16) Acetone	3.77	43	269544	200.474	ug/l	97
17) Carbon Disulfide	4.01	76	407108	44.496	ug/l	97
18) Methyl Acetate	4.27	43	170551	38.854	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	609714	43.019	ug/l	98
20) Methylene Chloride	4.50	84	201255	45.508	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	202633	43.207	ug/l	92
22) Diisopropyl ether	5.90	45	505141	42.156	ug/l	98
23) Vinyl Acetate	5.84	43	1909619	199.948	ug/l	97
24) 1,1-Dichloroethane	5.80	63	321241	42.277	ug/l	98
25) 2-Butanone	6.78	43	428021	186.256	ug/l	98
26) 2,2-Dichloropropane	6.78	77	288905	41.541	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	235467	44.339	ug/l	98
28) Bromochloromethane	7.15	49	129496	45.265	ug/l	92
29) Tetrahydrofuran	7.16	42	282324	186.308	ug/l	97
30) Chloroform	7.33	83	360872	42.928	ug/l	98
31) Cyclohexane	7.61	56	277477	40.604	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	334888	43.720	ug/l	99
36) 1,1-Dichloropropene	7.75	75	263075	46.072	ug/l	99
37) Ethyl Acetate	6.88	43	192033	41.755	ug/l	98
38) Carbon Tetrachloride	7.73	117	277169	50.323	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060120\
 Data File : VN061606.D
 Acq On : 1 Jun 2020 19:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Jun 02 03:57:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	324515	46.108	ug/l	96
40) Benzene	8.00	78	802279	45.537	ug/l	100
41) Methacrylonitrile	7.12	41	88365	41.936	ug/l	93
42) 1,2-Dichloroethane	8.08	62	261899	44.402	ug/l	99
43) Isopropyl Acetate	8.12	43	347978	42.055	ug/l	97
44) Trichloroethene	8.80	130	259231	47.877	ug/l	92
45) 1,2-Dichloropropane	9.08	63	192141	45.928	ug/l	100
46) Dibromomethane	9.17	93	145622	45.386	ug/l	96
47) Bromodichloromethane	9.37	83	296282	46.608	ug/l	99
48) Methyl methacrylate	9.17	41	150682	40.476	ug/l	97
49) 1,4-Dioxane	9.16	88	56929	987.125	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	967435	207.480	ug/l	99
52) Toluene	10.12	92	545115	47.405	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	318147	46.458	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	339881	46.160	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	212928	46.477	ug/l	96
56) Ethyl methacrylate	10.40	69	298860	46.699	ug/l	98
57) 1,3-Dichloropropane	10.68	76	337723	46.091	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	605231	221.300	ug/l	97
59) 2-Hexanone	10.72	43	685488	204.704	ug/l	98
60) Dibromochloromethane	10.87	129	254495	48.863	ug/l	99
61) 1,2-Dibromoethane	10.98	107	226564	47.417	ug/l	99
64) Tetrachloroethene	10.60	164	277834	48.536	ug/l	98
65) Chlorobenzene	11.41	112	602484	47.664	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	226150	48.049	ug/l	99
67) Ethyl Benzene	11.48	91	1037944	47.509	ug/l	98
68) m/p-Xylenes	11.60	106	826446	95.404	ug/l	98
69) o-Xylene	11.92	106	398325	48.412	ug/l	98
70) Styrene	11.94	104	678736	49.814	ug/l	100
71) Bromoform	12.10	173	180111	49.662	ug/l #	99
73) Isopropylbenzene	12.22	105	1058495	45.737	ug/l	100
74) N-amyl acetate	12.04	43	320716	44.004	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	267505	41.247	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	349442	60.605	ug/l #	100
77) Bromobenzene	12.50	156	282306	47.788	ug/l	93
78) n-propylbenzene	12.56	91	1169889	45.280	ug/l	100
79) 2-Chlorotoluene	12.65	91	682045	44.272	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	889891	46.005	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	92041	40.822	ug/l	98
82) 4-Chlorotoluene	12.75	91	718358	44.323	ug/l	99
83) tert-Butylbenzene	12.97	119	776279	45.421	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	884836	46.046	ug/l	98
85) sec-Butylbenzene	13.15	105	1002605	45.525	ug/l	100
86) p-Isopropyltoluene	13.26	119	943061	46.499	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	492916	47.119	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	498559	46.783	ug/l	99
89) n-Butylbenzene	13.59	91	788010	46.388	ug/l	100
90) Hexachloroethane	13.85	117	111921	49.899	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	471425	47.156	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	52373	39.596	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060120\
Data File : VN061606.D
Acq On : 1 Jun 2020 19:39
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 02 03:57:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

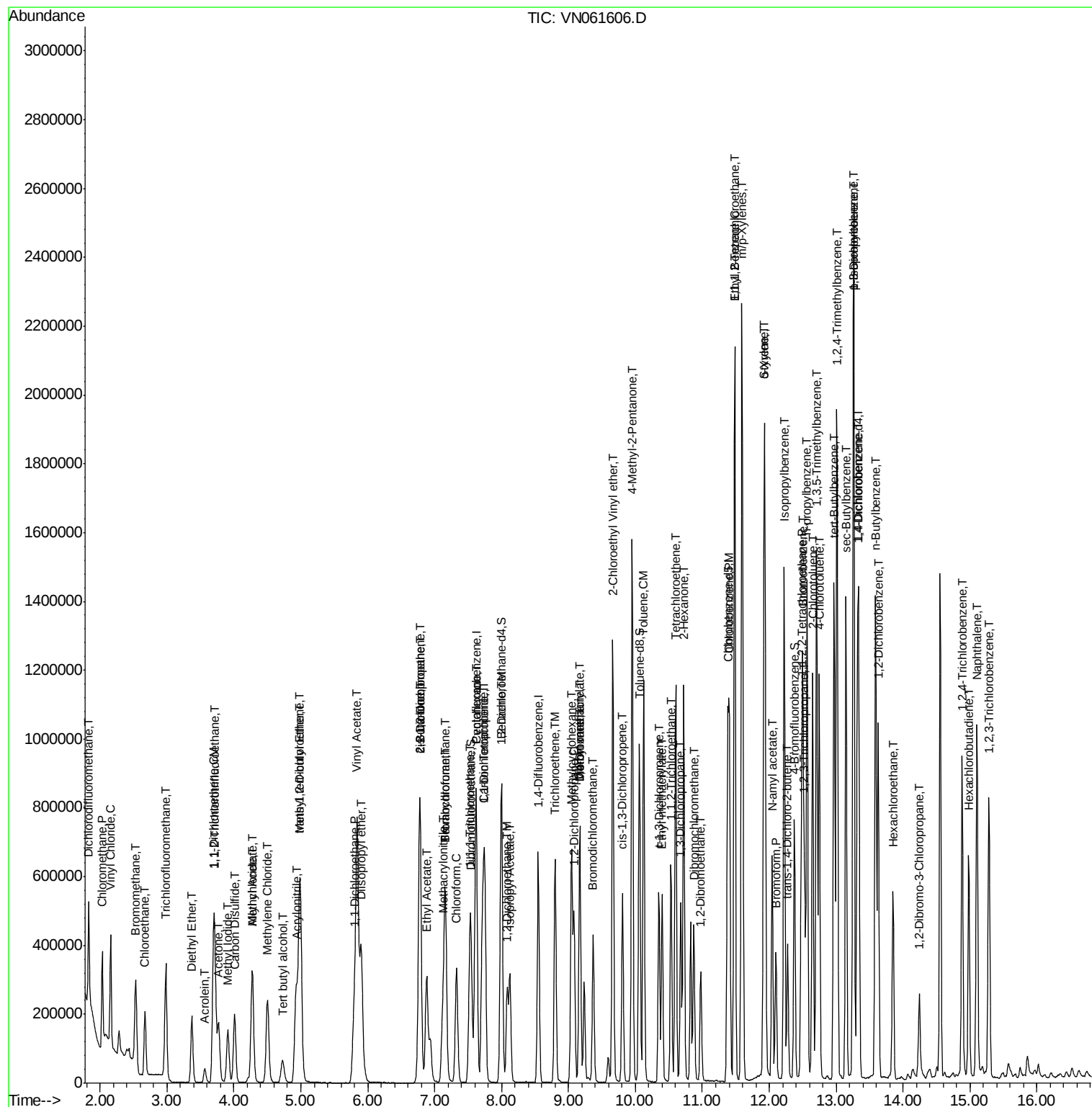
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	295886	50.607	ug/l	100
94) Hexachlorobutadiene	14.98	225	117135	46.975	ug/l	100
95) Naphthalene	15.10	128	862605	48.472	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	284234	49.445	ug/l	99

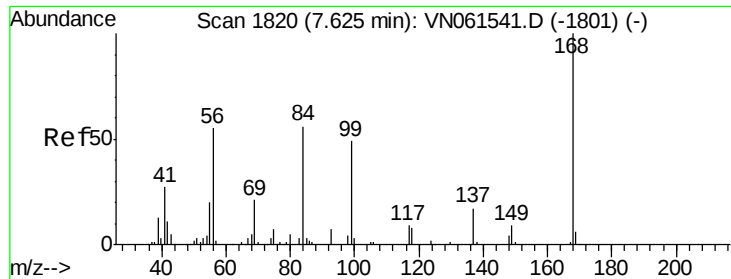
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060120\
Data File : VN061606.D
Acq On : 1 Jun 2020 19:39
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 02 03:57:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

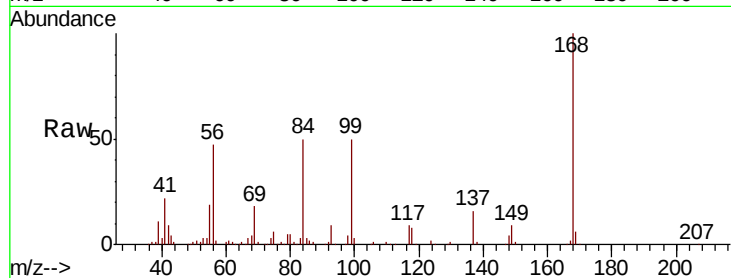
VSTDCCC050EC

Tot Ion:168 Resp: 406978

Ion Ratio Lower Upper

168 100

99 49.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

200000

150000

100000

50000

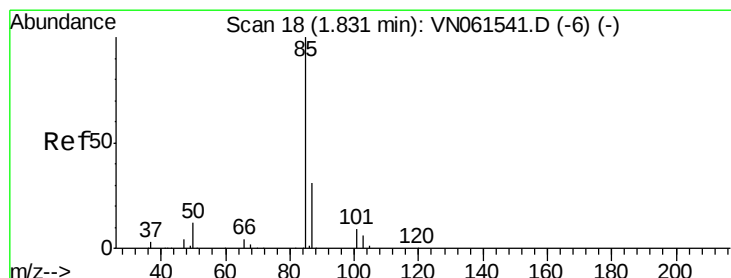
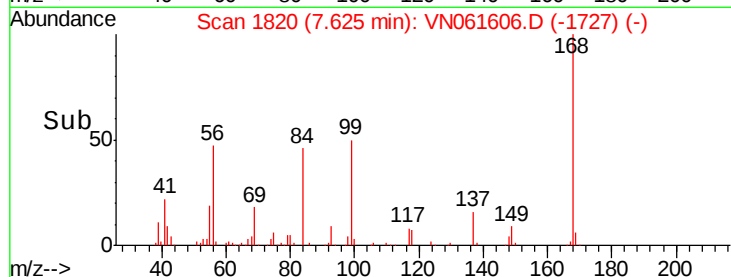
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 47.914 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061606.D

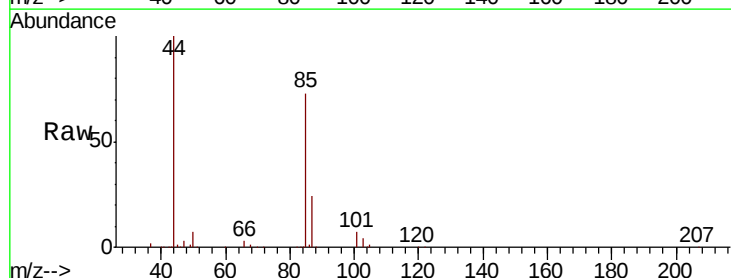
Acq: 1 Jun 2020 19:39

Tgt Ion: 85 Resp: 224914

Ion Ratio Lower Upper

85 100

87 32.5 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

150000

100000

50000

0

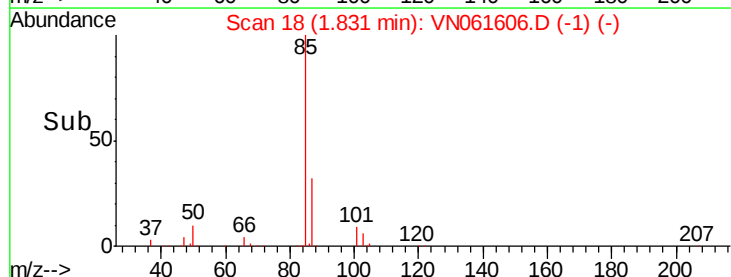
1.75

1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 41.343 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

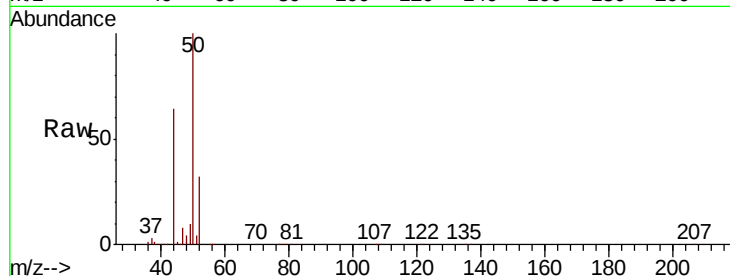
VSTDCCC050EC

Tot Ion: 50 Resp: 205218

Ion Ratio Lower Upper

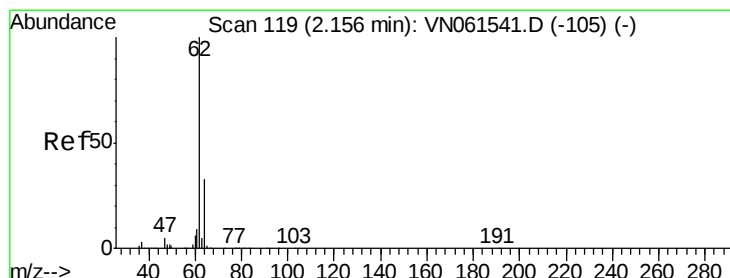
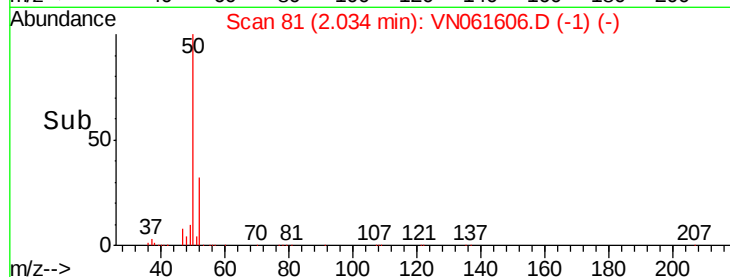
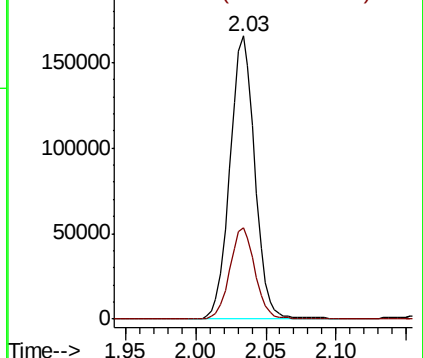
50 100

52 32.3 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 41.399 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061606.D

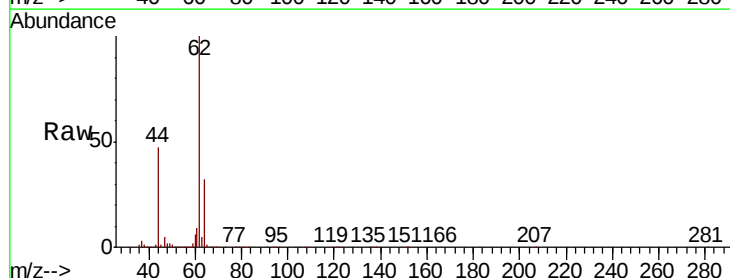
Acq: 1 Jun 2020 19:39

Tgt Ion: 62 Resp: 281609

Ion Ratio Lower Upper

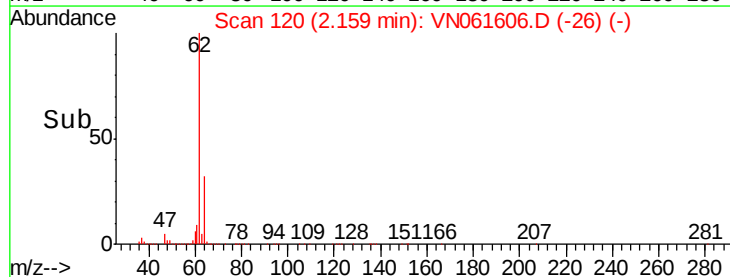
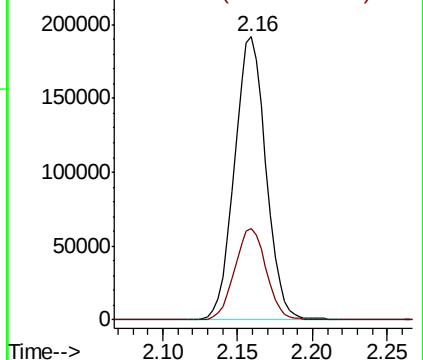
62 100

64 32.4 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 42.292 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

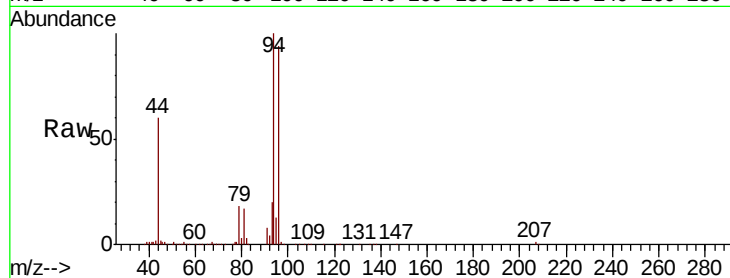
VSTDCCC050EC

Tot Ion: 94 Resp: 165074

Ion Ratio Lower Upper

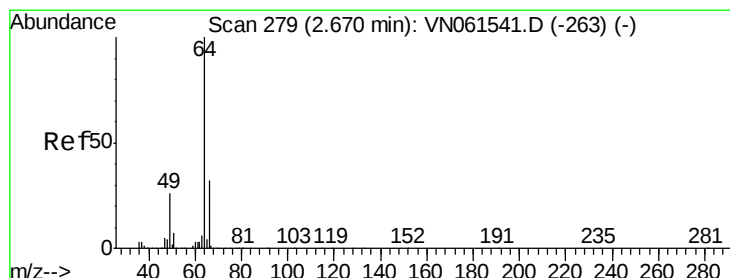
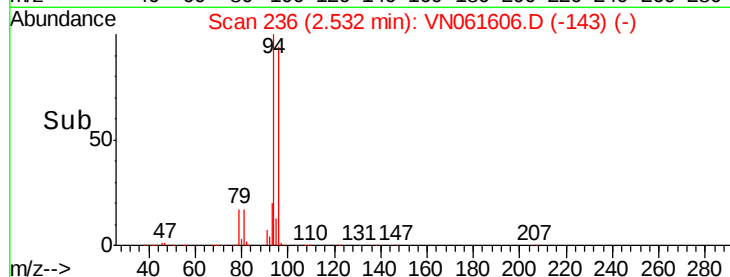
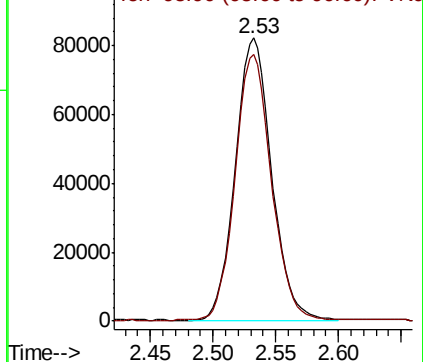
94 100

96 93.8 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 40.039 ug/l

RT: 2.67 min Scan# 279

Delta R.T. -0.00 min

Lab File: VN061606.D

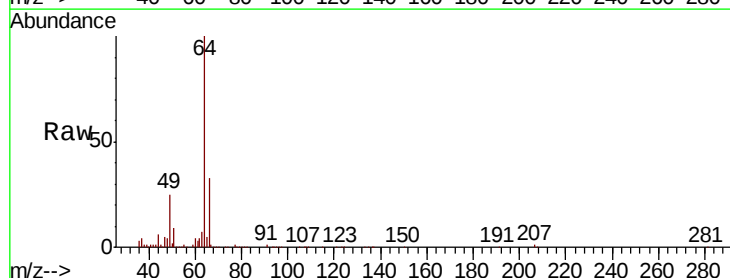
Acq: 1 Jun 2020 19:39

Tgt Ion: 64 Resp: 175306

Ion Ratio Lower Upper

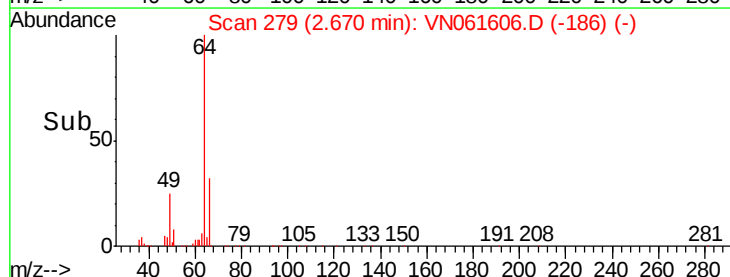
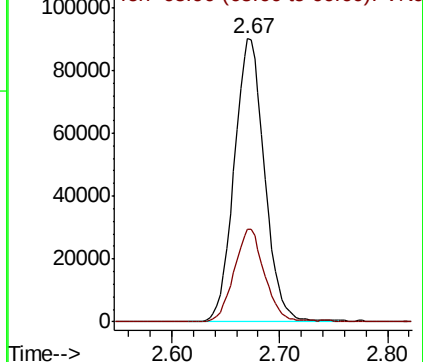
64 100

66 32.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



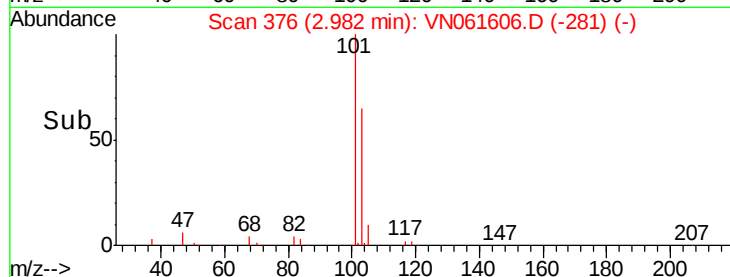
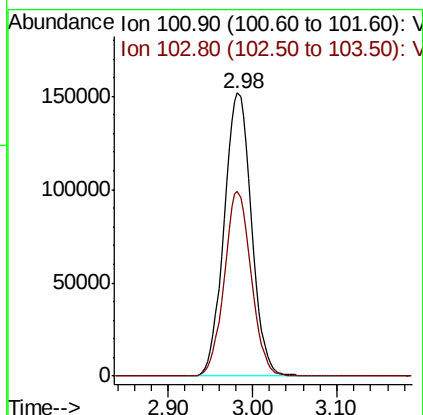
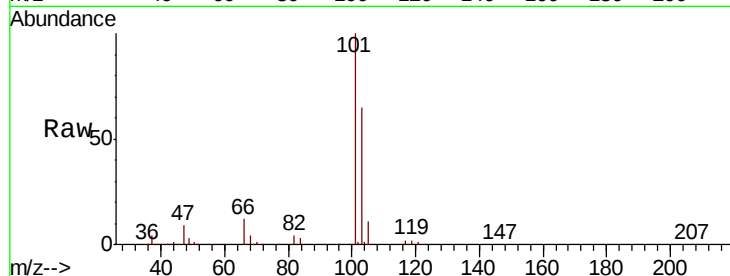


#7

Trichlorofluoromethane
Concen: 39.076 ug/l
RT: 2.98 min Scan# 376
Delta R.T. 0.01 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

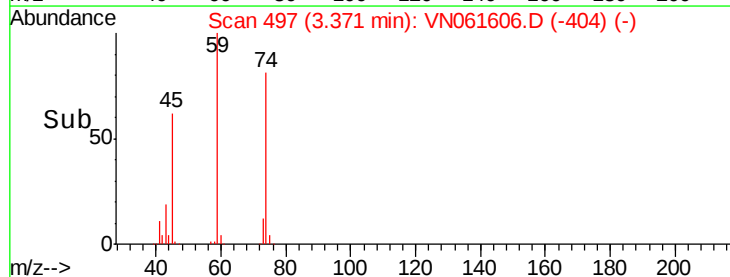
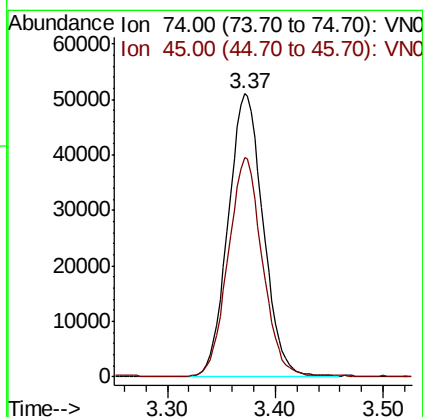
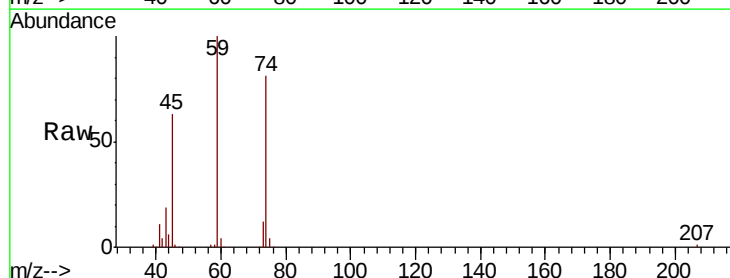
Tot Ion:101 Resp: 342767
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.2

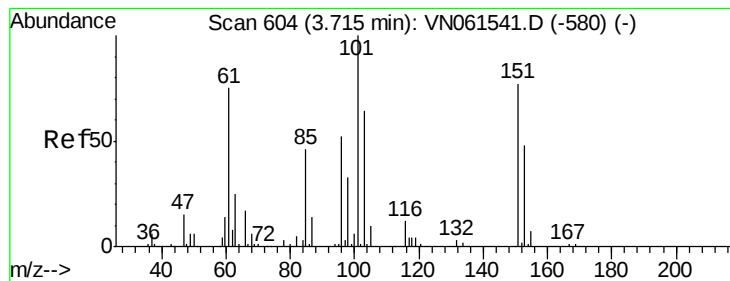


#8

Diethyl Ether
Concen: 43.143 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion: 74 Resp: 115719
Ion Ratio Lower Upper
74 100
45 75.7 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.182 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

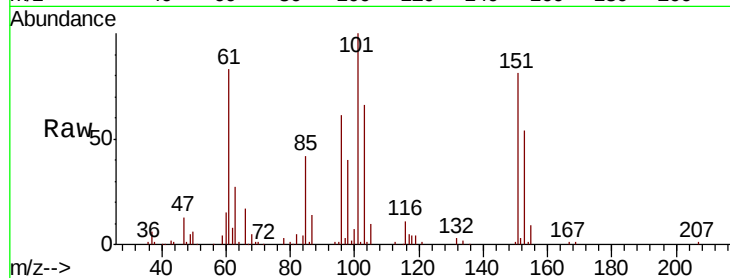
Tot Ion:101 Resp: 175870

Ion Ratio Lower Upper

101 100

85 42.3 35.2 52.8

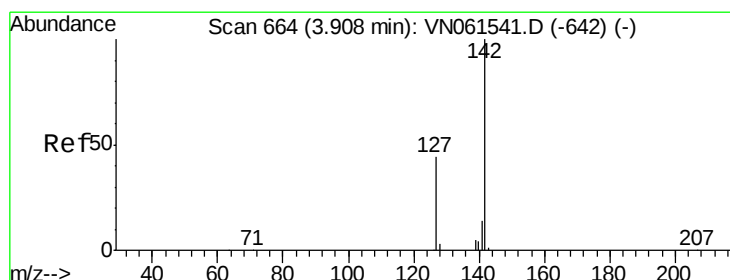
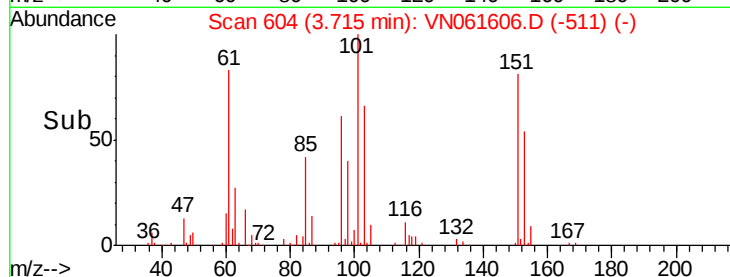
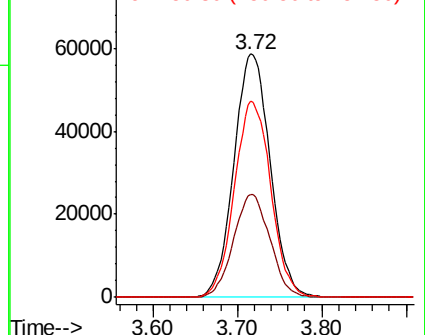
151 80.7 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.079 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

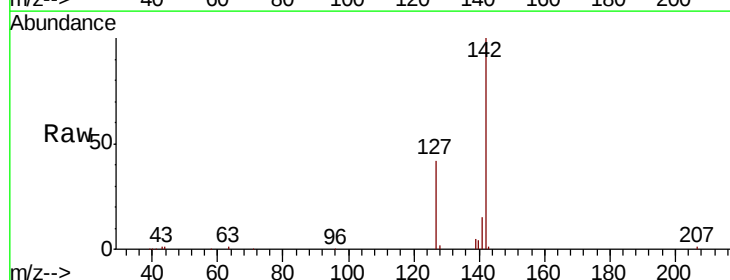
Tgt Ion:142 Resp: 243583

Ion Ratio Lower Upper

142 100

127 43.1 35.5 53.3

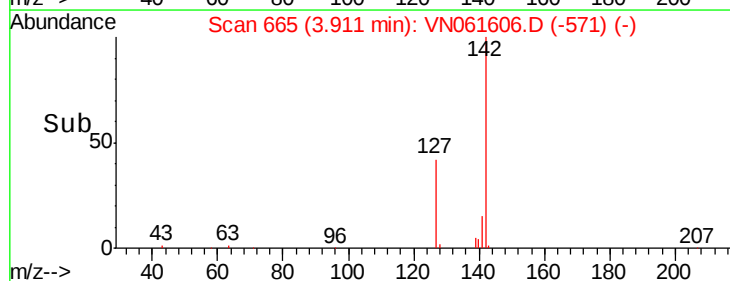
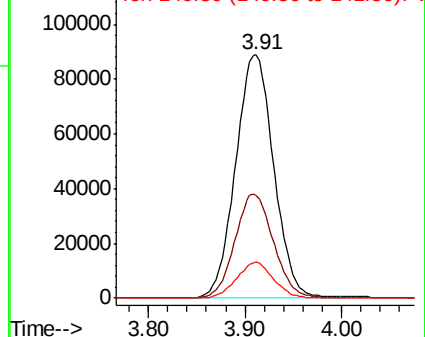
141 14.2 11.5 17.3

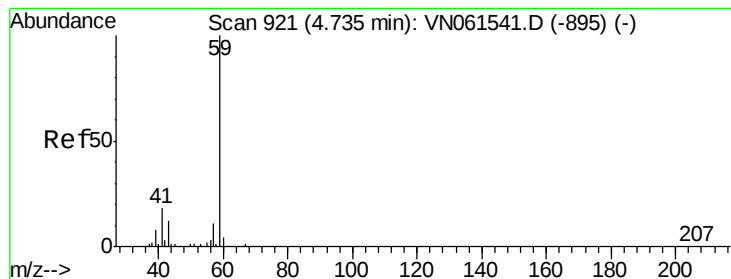


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



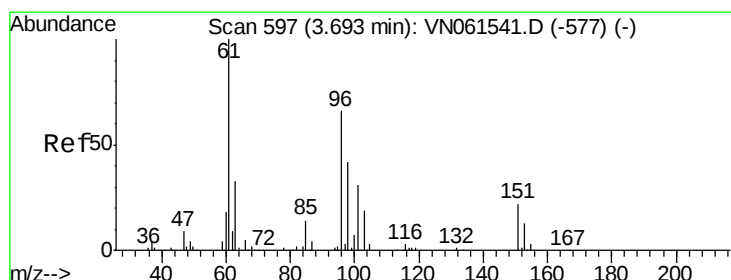
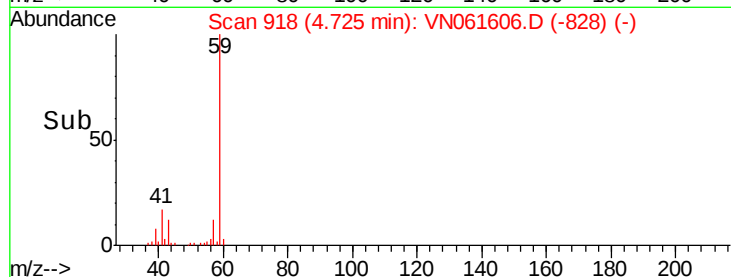
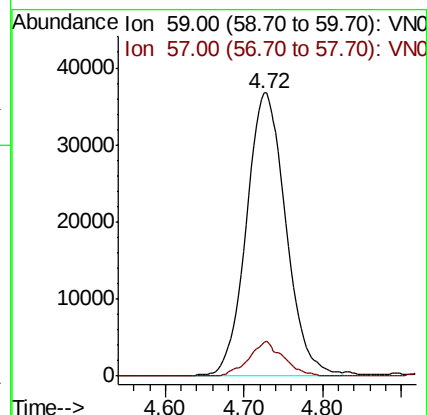
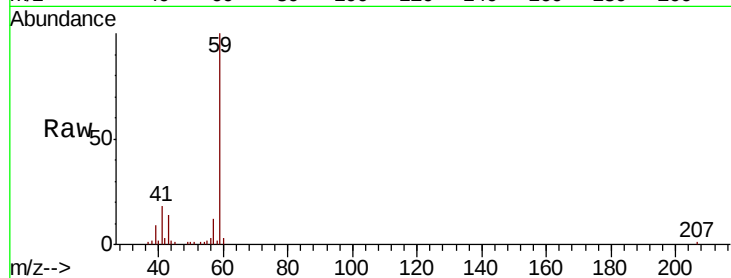


#11

Tert butyl alcohol
 Concen: 201.353 ug/l
 RT: 4.72 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

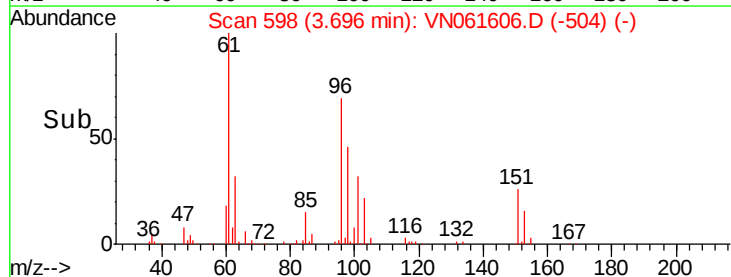
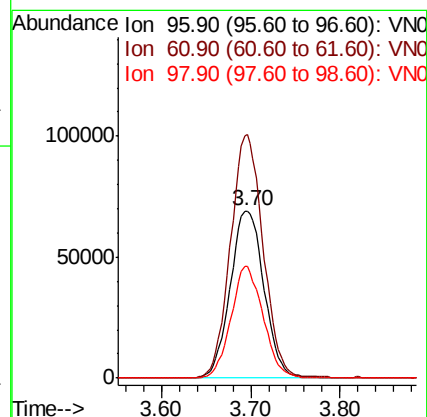
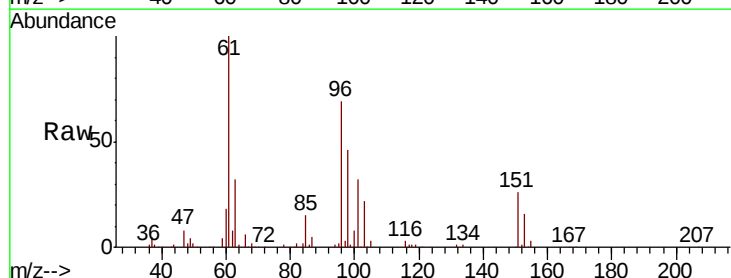
Tot Ion: 59 Resp: 129864
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.4 12.6

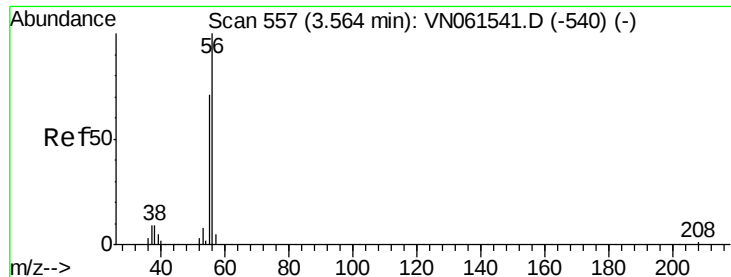


#12

1,1-Dichloroethene
 Concen: 43.782 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

Tgt Ion: 96 Resp: 182072
 Ion Ratio Lower Upper
 96 100
 61 145.2 120.5 180.7
 98 66.5 50.8 76.2





#13

Acrolein

Concen: 269.669 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

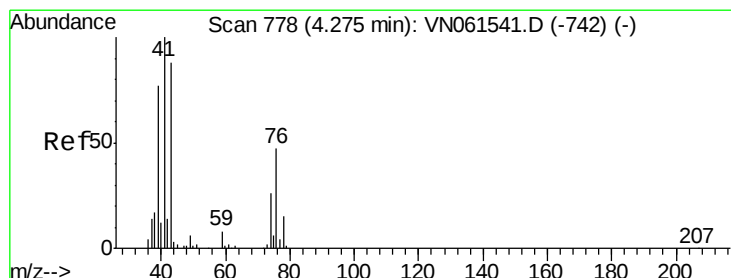
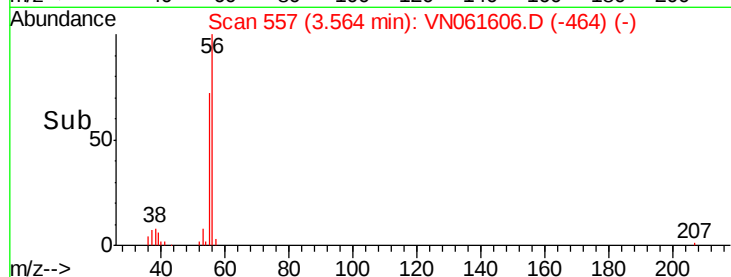
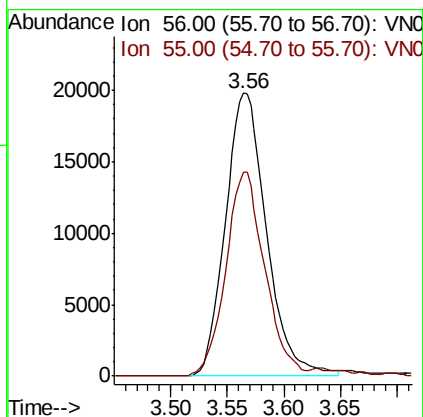
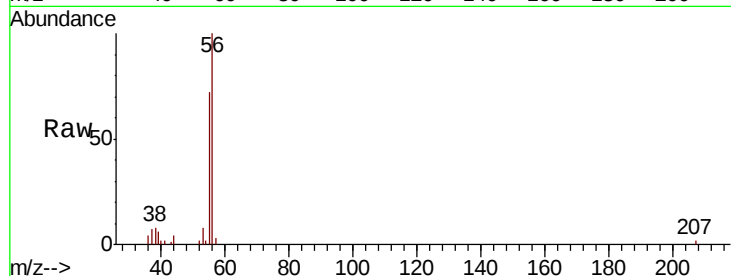
VSTDCCC050EC

Tot Ion: 56 Resp: 49933

Ion Ratio Lower Upper

56 100

55 68.4 58.0 87.0



#14

Allyl chloride

Concen: 40.488 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

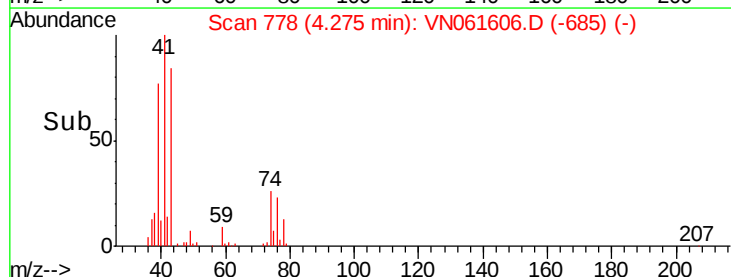
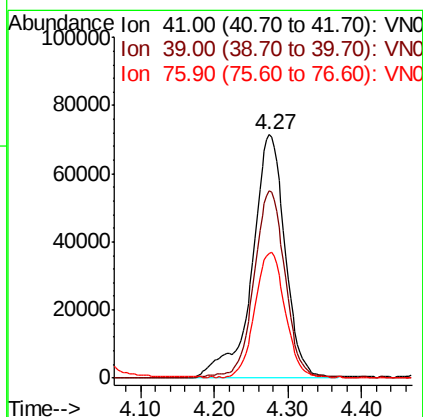
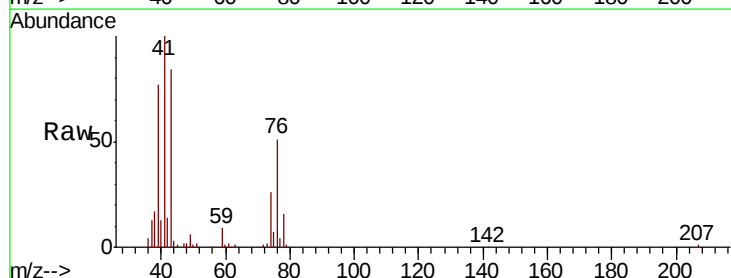
Tgt Ion: 41 Resp: 220121

Ion Ratio Lower Upper

41 100

39 73.5 58.6 88.0

76 47.2 34.2 51.4





#15

Acrylonitrile

Concen: 202.615 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

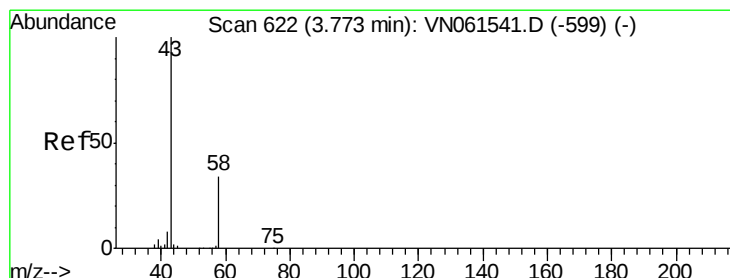
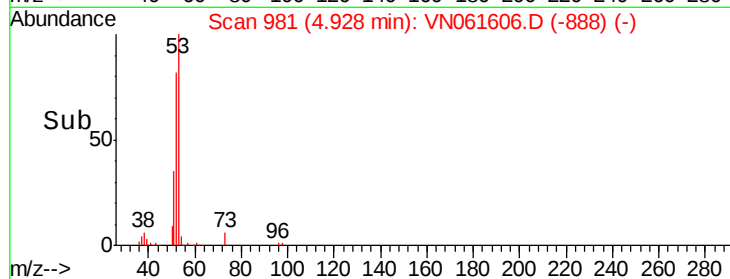
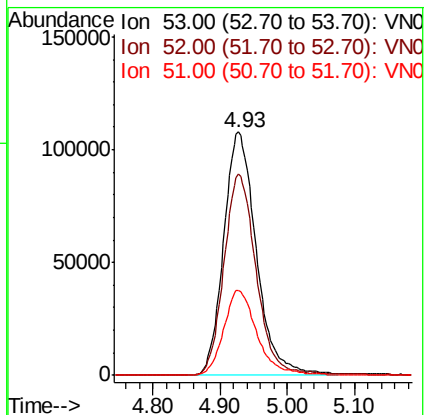
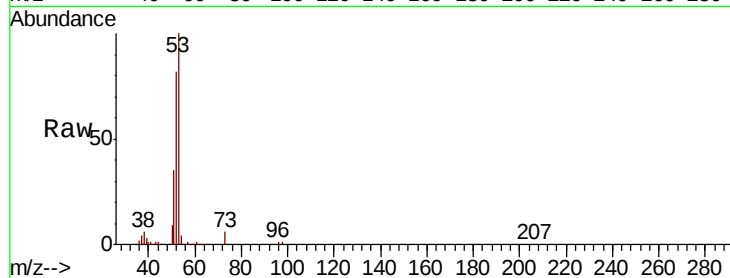
Tot Ion: 53 Resp: 364749

Ion Ratio Lower Upper

53 100

52 81.7 65.4 98.2

51 35.5 29.0 43.6



#16

Acetone

Concen: 200.474 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061606.D

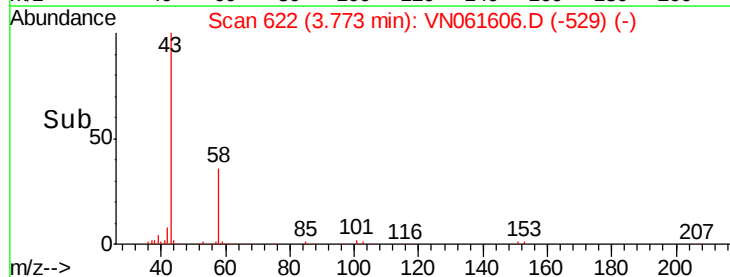
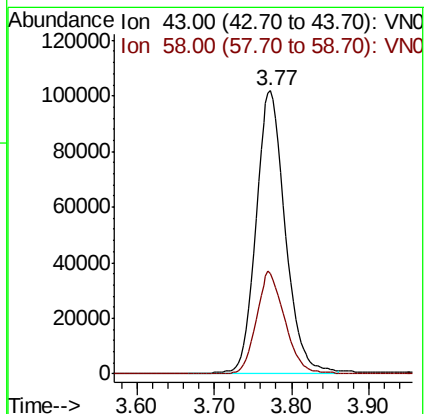
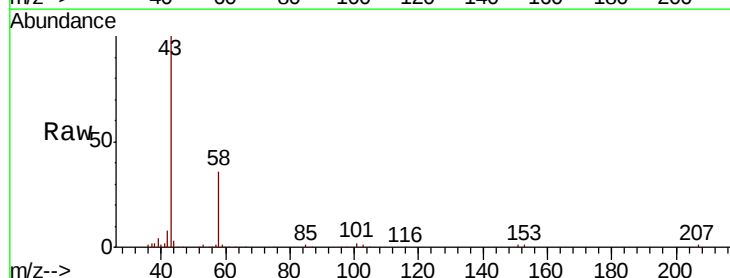
Acq: 1 Jun 2020 19:39

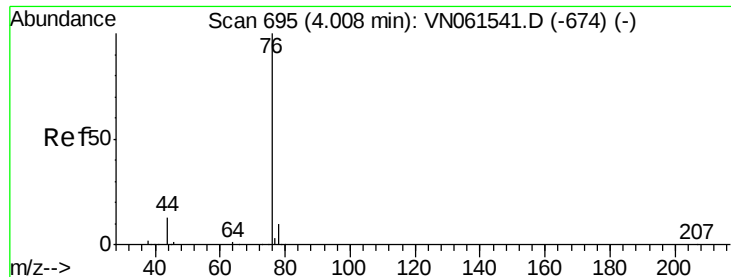
Tgt Ion: 43 Resp: 269544

Ion Ratio Lower Upper

43 100

58 35.5 27.2 40.8

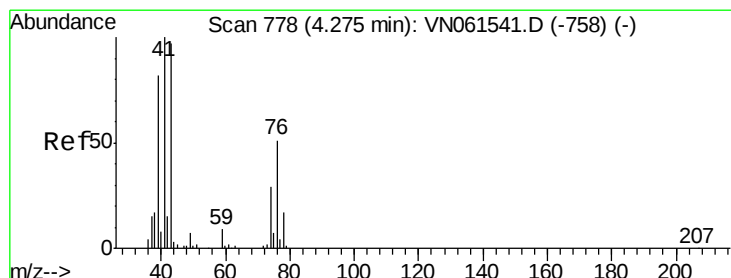
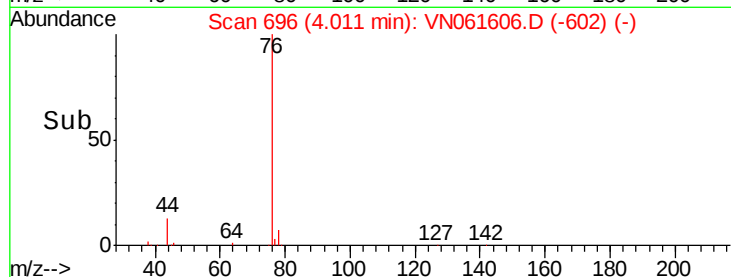
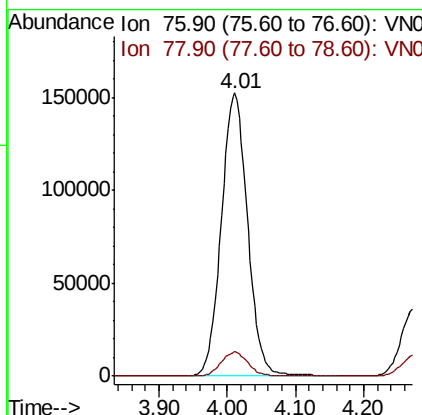
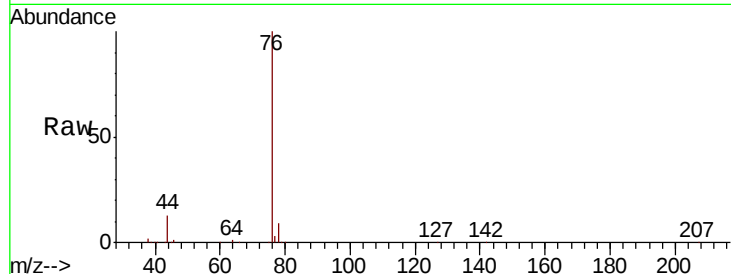




#17
Carbon Disulfide
Concen: 44.496 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

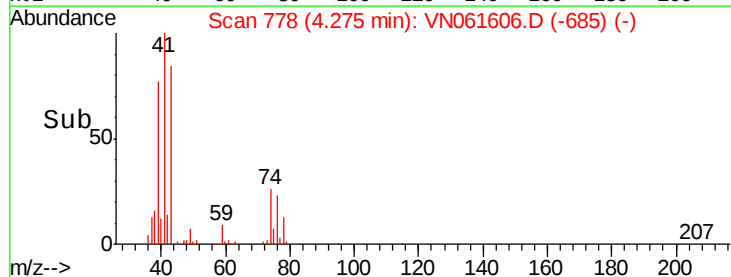
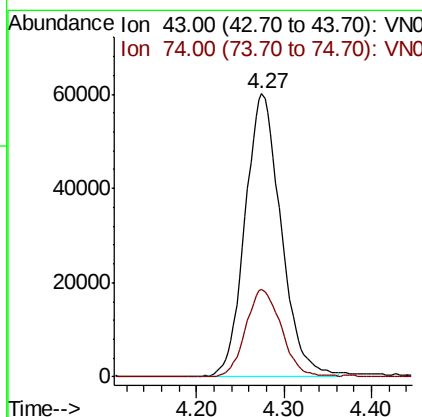
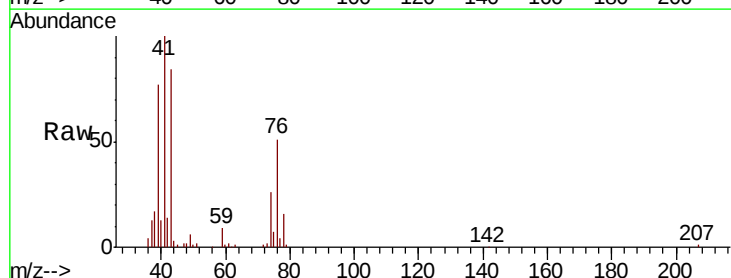
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

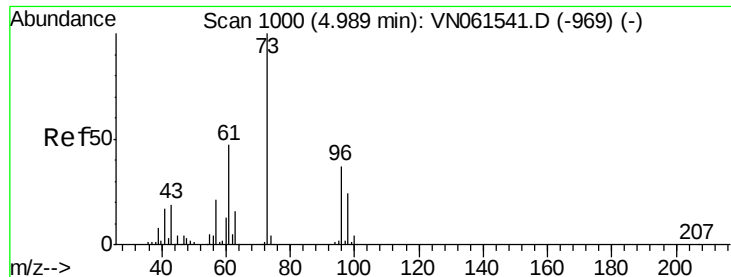
Tot Ion: 76 Resp: 407108
Ion Ratio Lower Upper
76 100
78 8.6 7.8 11.6



#18
Methyl Acetate
Concen: 38.854 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion: 43 Resp: 170551
Ion Ratio Lower Upper
43 100
74 30.8 23.2 34.8

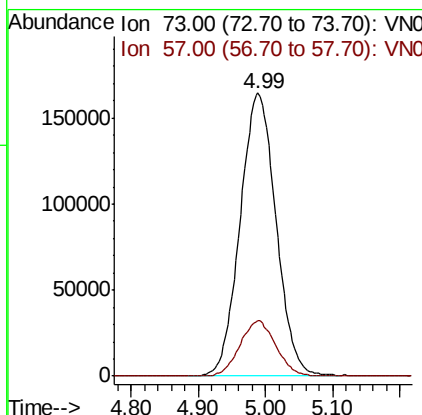
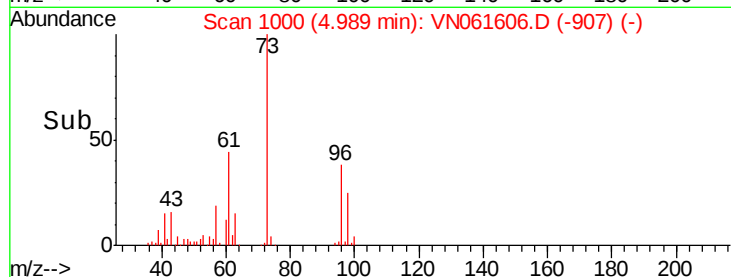
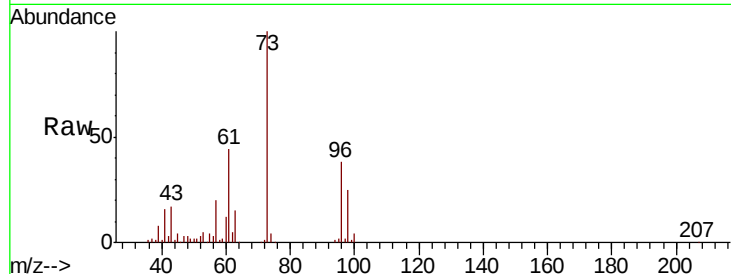




#19
Methvl tert-butvl Ether
Concen: 43.019 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

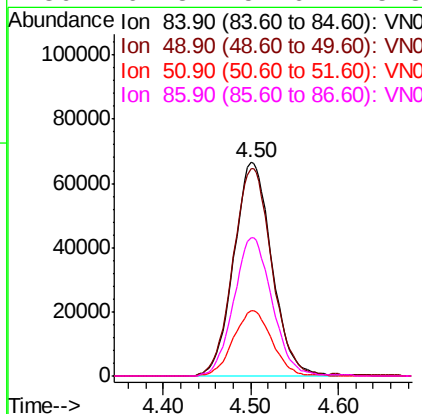
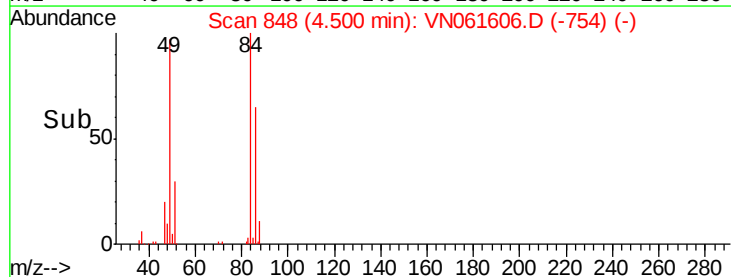
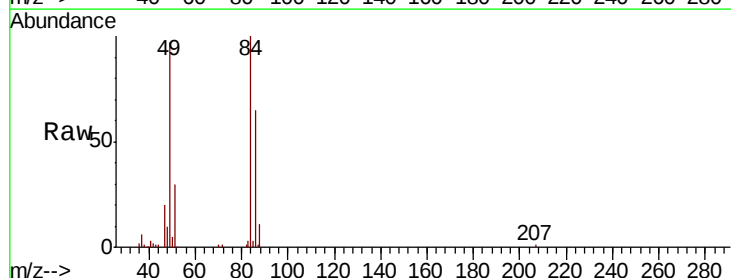
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

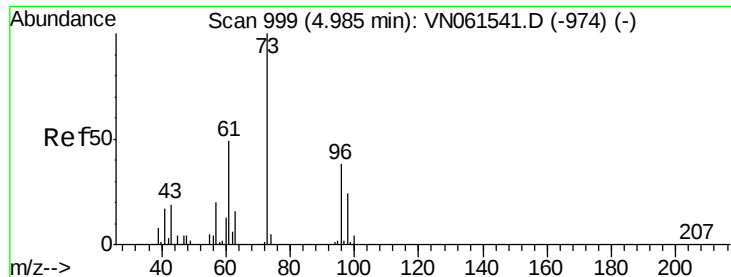
Tot Ion: 73 Resp: 609714
Ion Ratio Lower Upper
73 100
57 19.8 16.4 24.6



#20
Methylene Chloride
Concen: 45.508 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion: 84 Resp: 201255
Ion Ratio Lower Upper
84 100
49 96.9 85.8 128.8
51 30.4 26.2 39.2
86 64.8 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 43.207 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

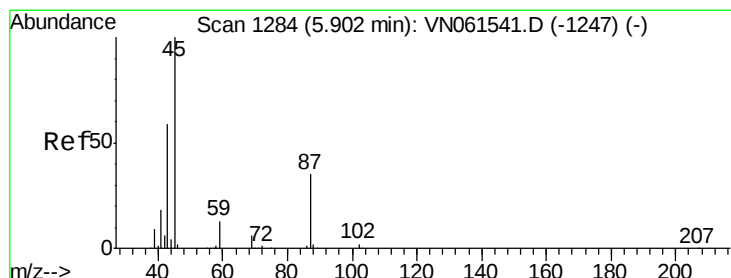
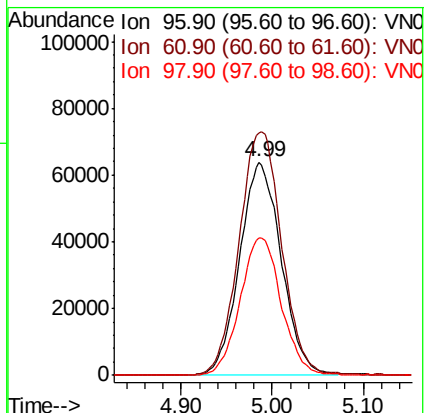
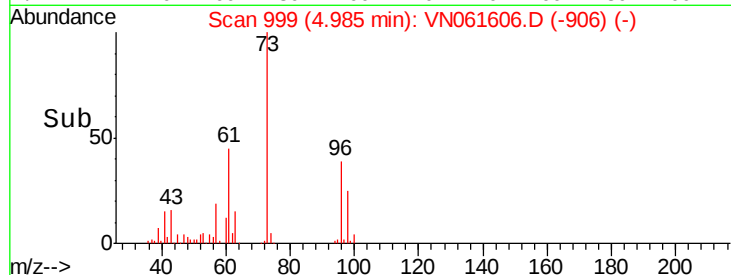
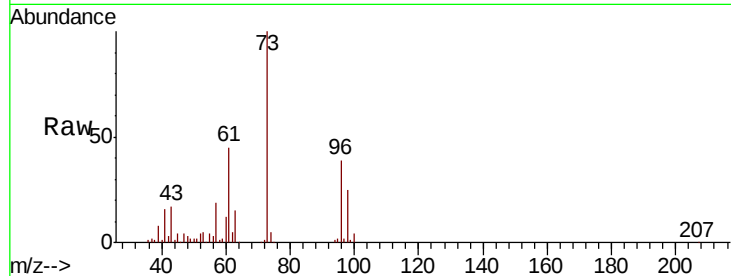
Tot Ion: 96 Resp: 202633

Ion Ratio Lower Upper

96 100

61 113.7 101.4 152.0

98 64.4 50.6 76.0



#22

Diisopropyl ether

Concen: 42.156 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Tgt Ion: 45 Resp: 505141

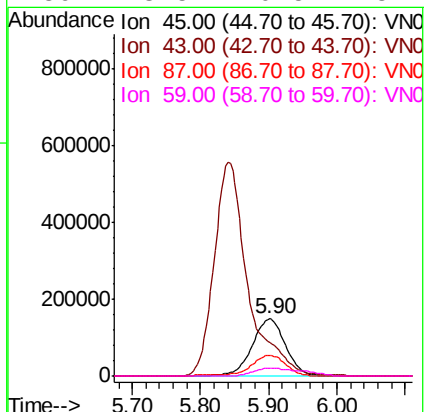
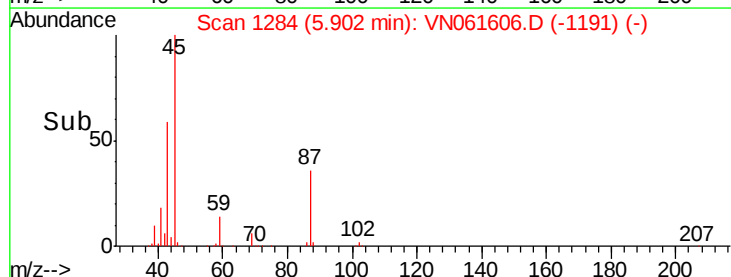
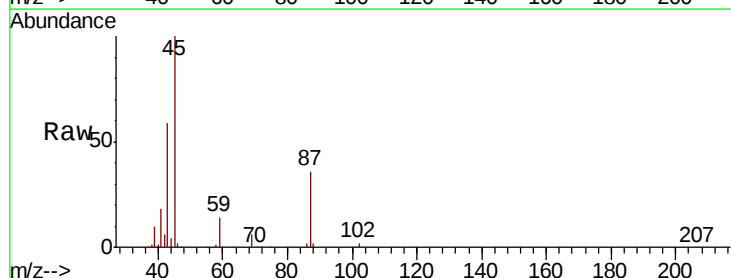
Ion Ratio Lower Upper

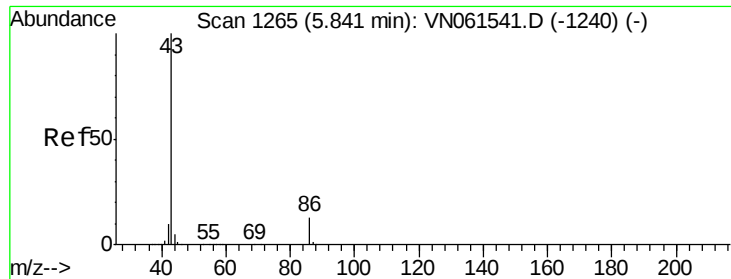
45 100

43 57.1 47.9 71.9

87 35.6 28.4 42.6

59 13.5 10.5 15.7





#23

Vinyl Acetate

Concen: 199.948 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

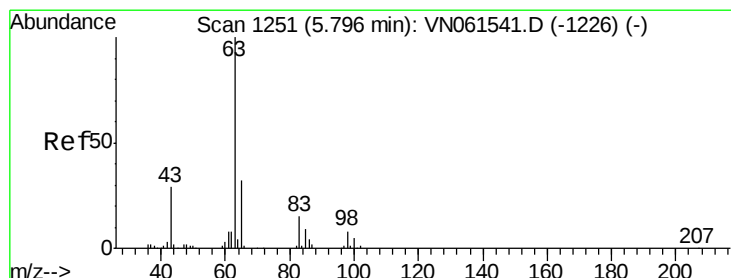
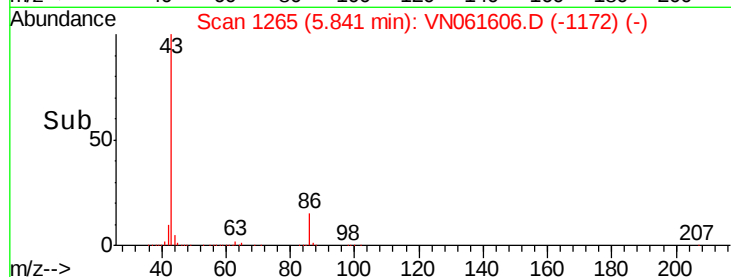
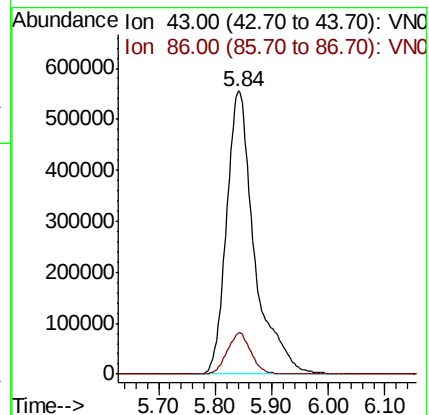
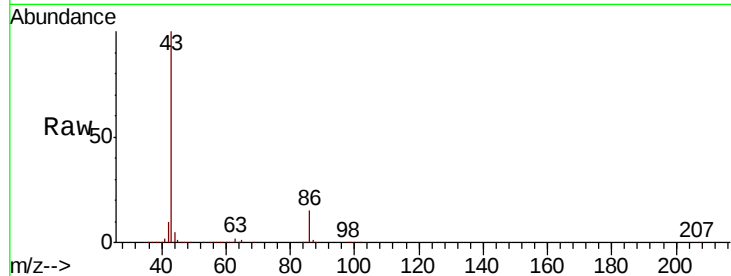
VSTDCCC050EC

Tot Ion: 43 Resp: 1909619

Ion Ratio Lower Upper

43 100

86 14.5 10.6 16.0



#24

1,1-Dichloroethane

Concen: 42.277 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

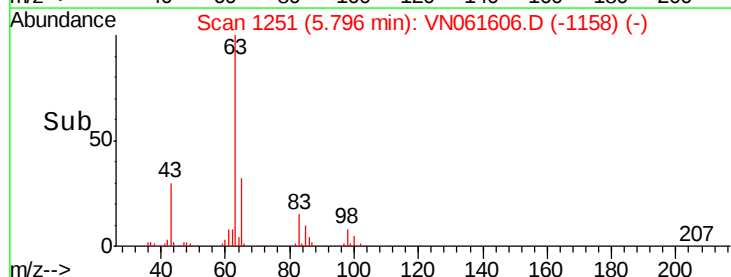
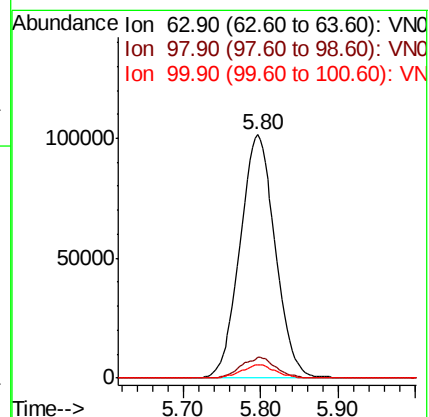
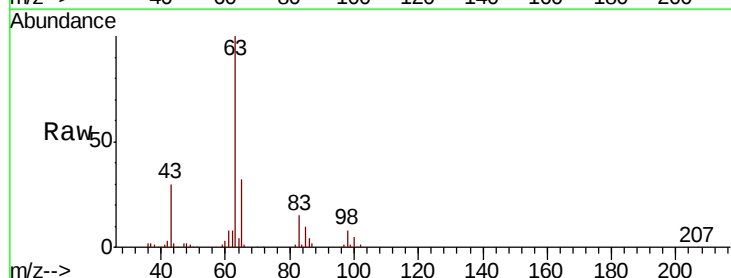
Tgt Ion: 63 Resp: 321241

Ion Ratio Lower Upper

63 100

98 8.3 3.8 11.4

100 5.3 2.5 7.6

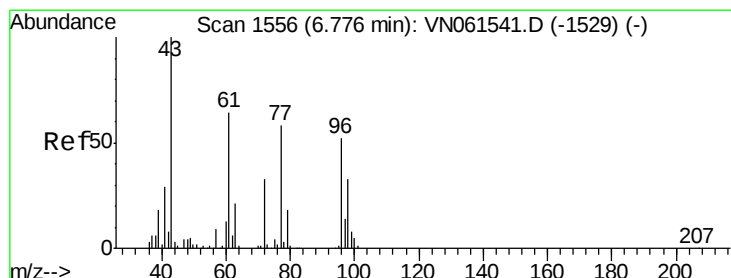
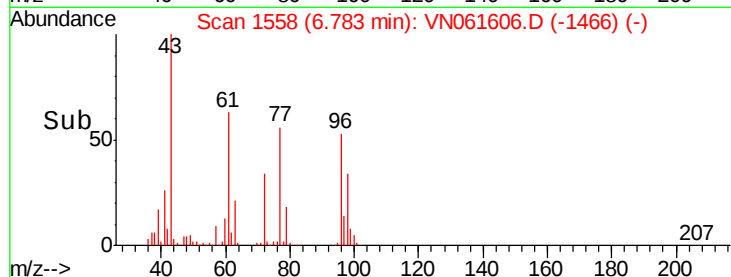
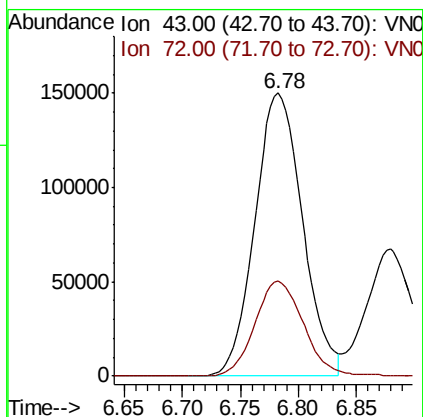
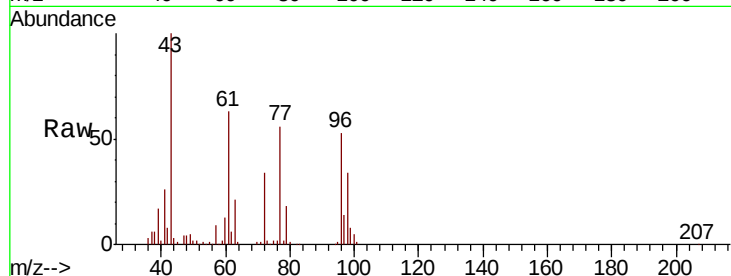




#25
2-Butanone
Concen: 186.256 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

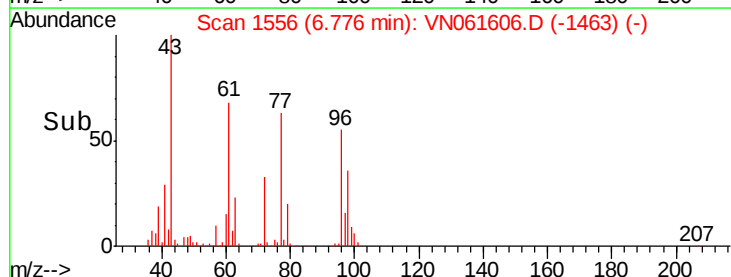
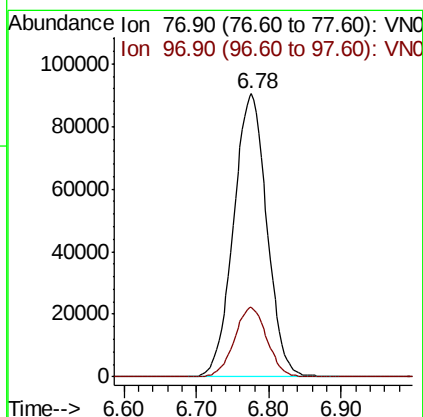
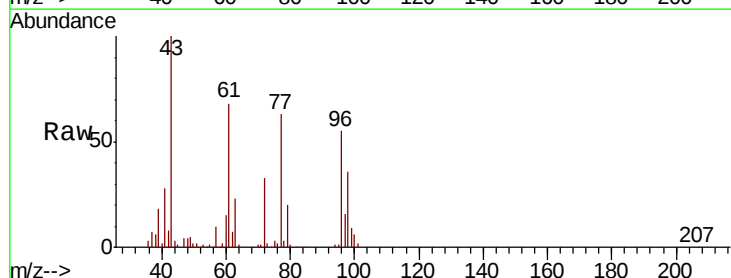
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

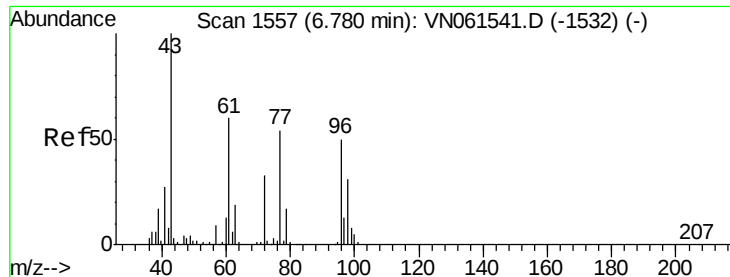
Tot Ion: 43 Resp: 428021
Ion Ratio Lower Upper
43 100
72 33.6 26.0 39.0



#26
2,2-Dichloropropane
Concen: 41.541 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion: 77 Resp: 288905
Ion Ratio Lower Upper
77 100
97 23.9 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 44.339 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

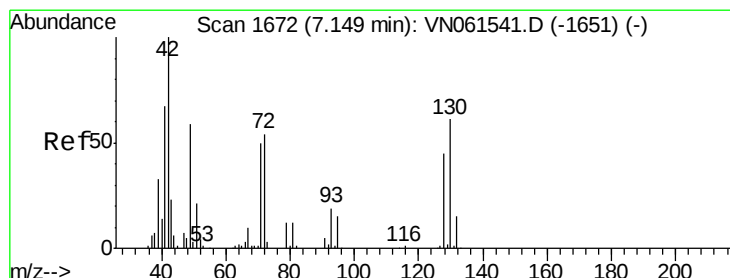
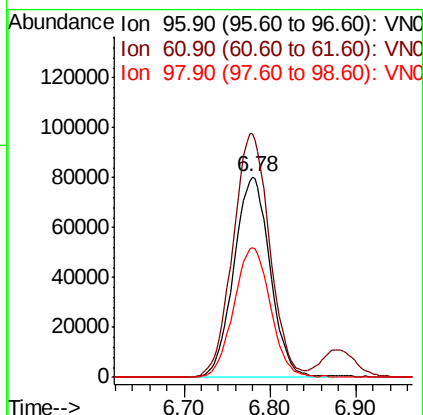
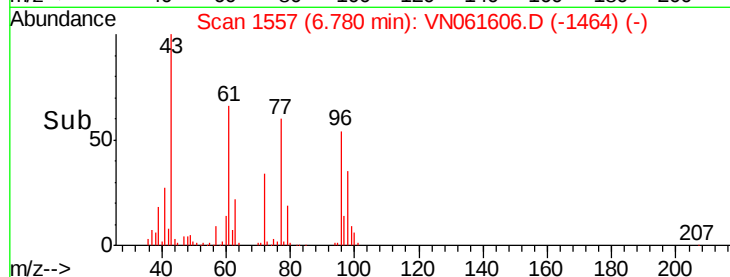
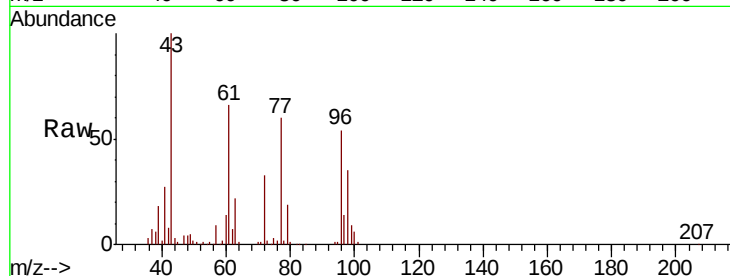
Tot Ion: 96 Resp: 235467

Ion Ratio Lower Upper

96 100

61 122.7 0.0 252.2

98 65.2 0.0 129.2



#28

Bromochloromethane

Concen: 45.265 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

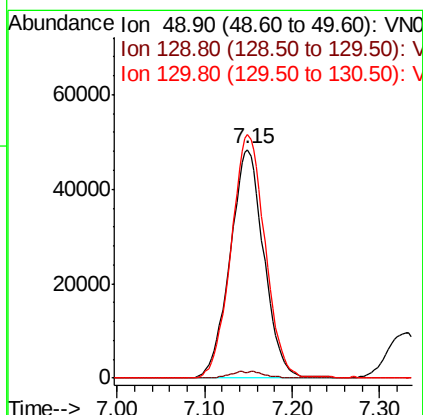
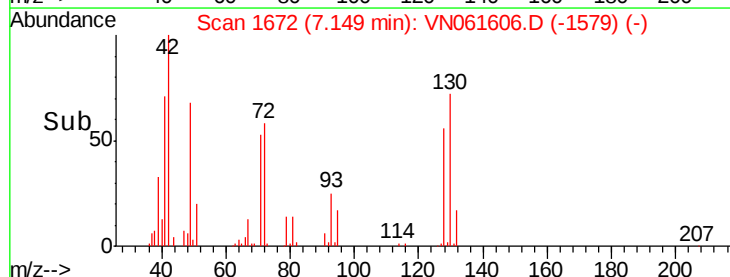
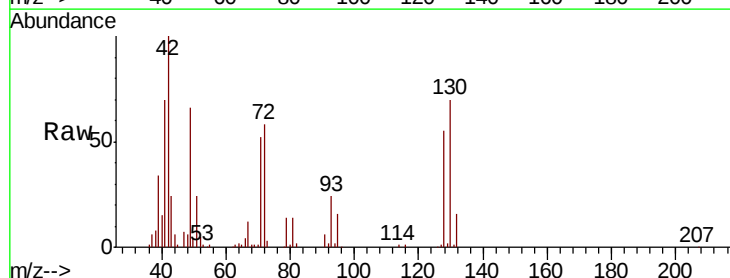
Tgt Ion: 49 Resp: 129496

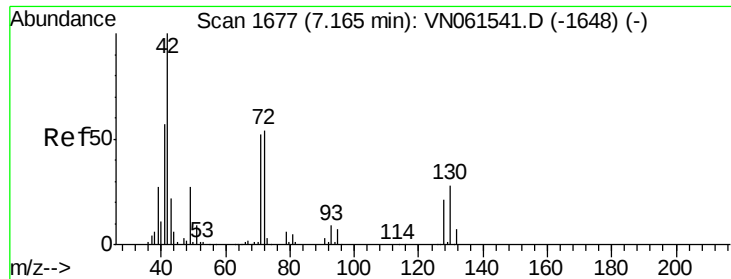
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.8

130 107.1 78.8 118.2

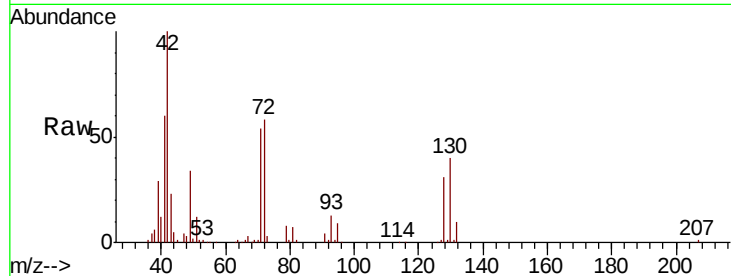




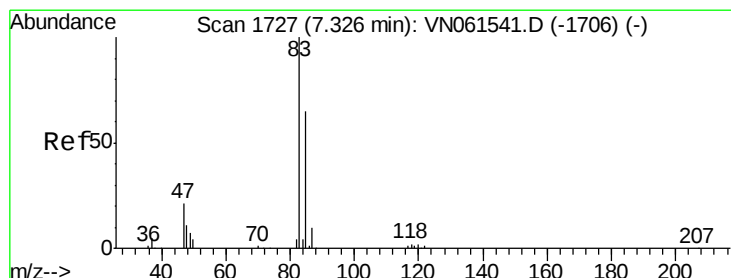
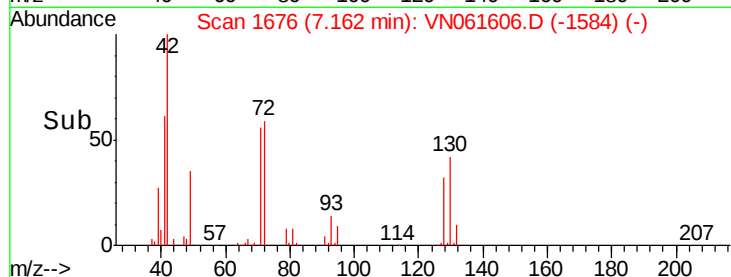
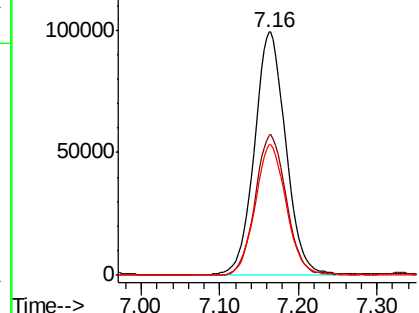
#29
Tetrahydrofuran
Concen: 186.308 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 282324
Ion Ratio Lower Upper
42 100
72 57.2 43.6 65.4
71 53.1 41.2 61.8

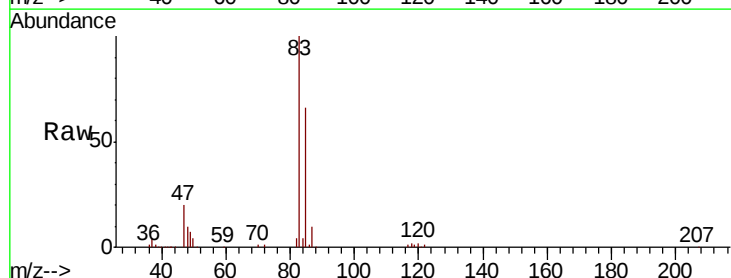


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

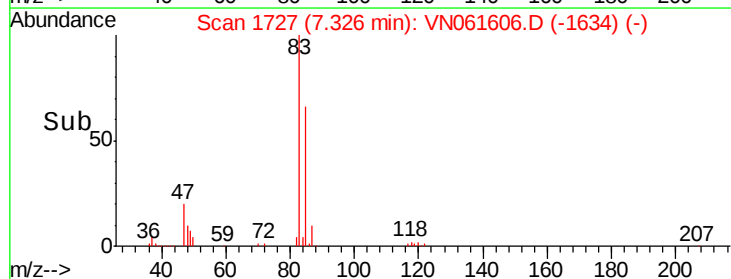
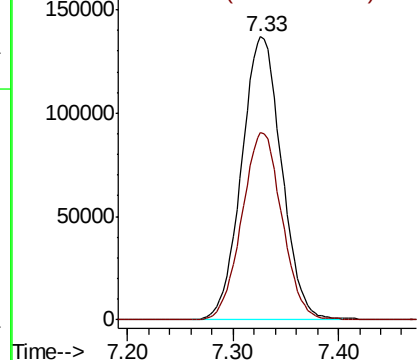


#30
Chloroform
Concen: 42.928 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion: 83 Resp: 360872
Ion Ratio Lower Upper
83 100
85 66.3 51.7 77.5



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





#31

Cyclohexane

Concen: 40.604 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

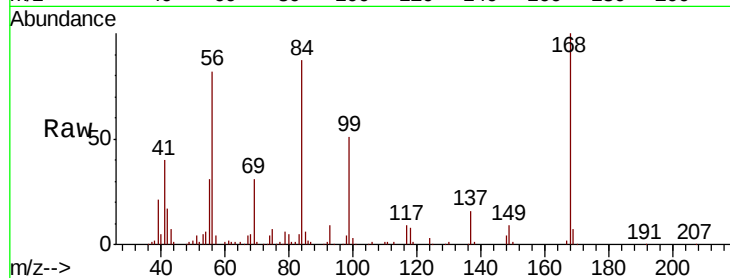
Tot Ion: 56 Resp: 277477

Ion Ratio Lower Upper

56 100

69 38.0 27.8 41.8

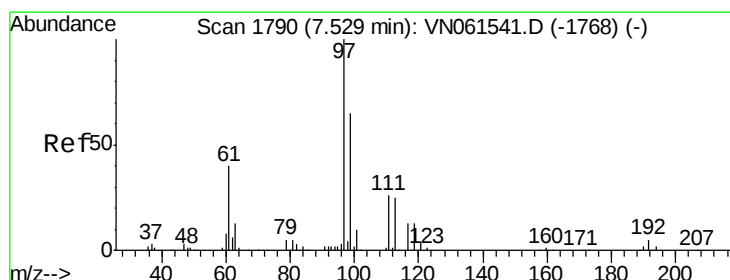
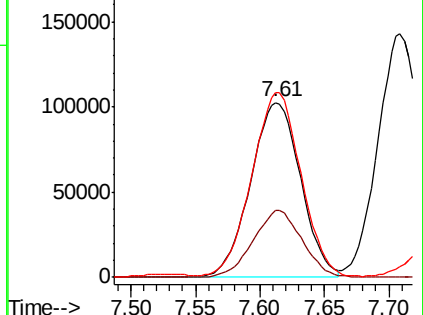
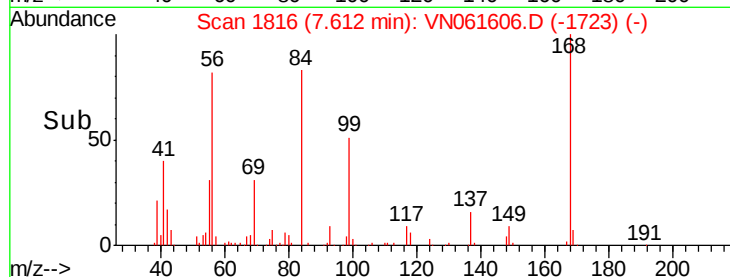
84 104.6 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN061606.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN061606.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN061606.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 43.720 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

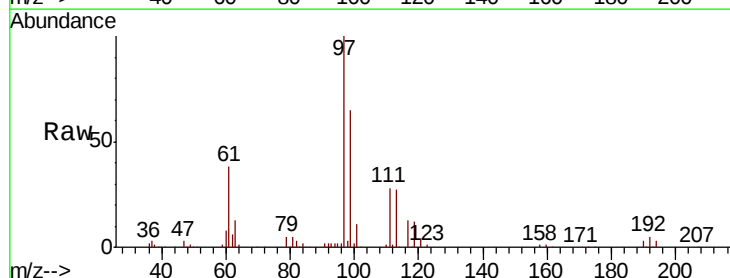
Tgt Ion: 97 Resp: 334888

Ion Ratio Lower Upper

97 100

99 64.9 51.4 77.0

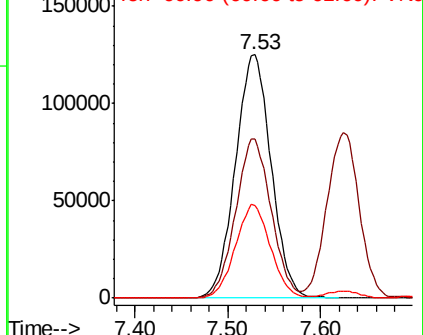
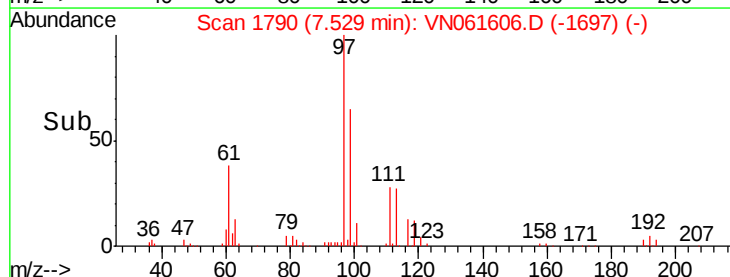
61 37.7 31.4 47.0



Abundance Ion 96.90 (96.60 to 97.60): VN061606.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN061606.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN061606.D (-1697) (-)

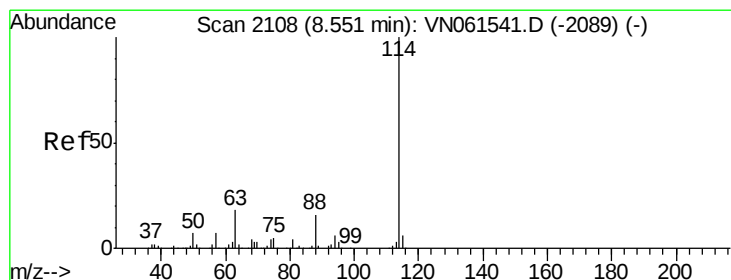
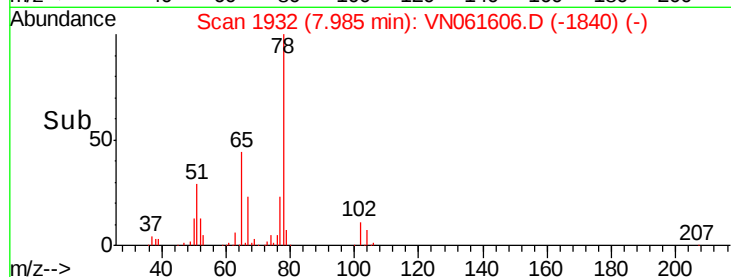
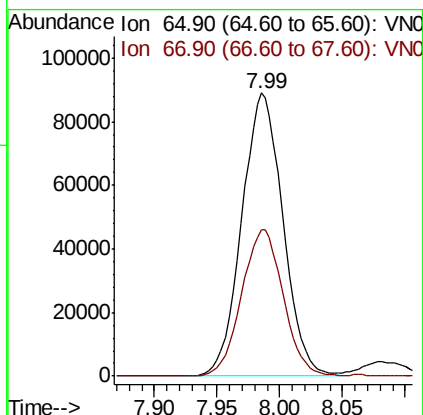
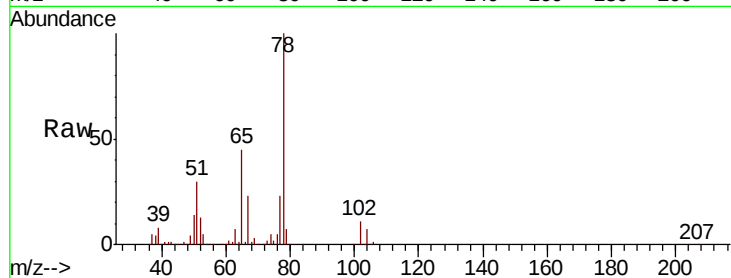




#33
 1,2-Dichloroethane-d4
 Concen: 41.861 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

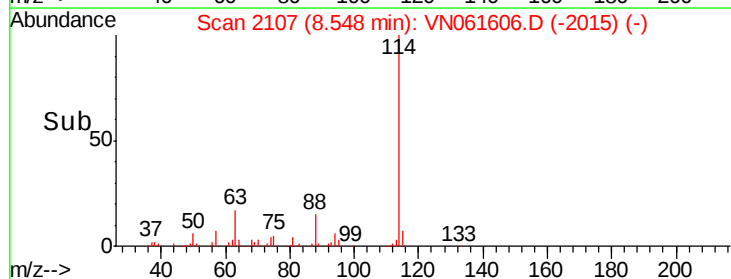
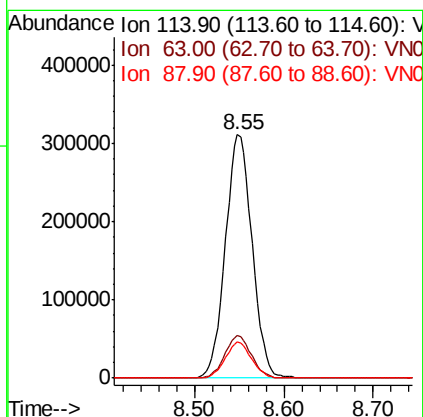
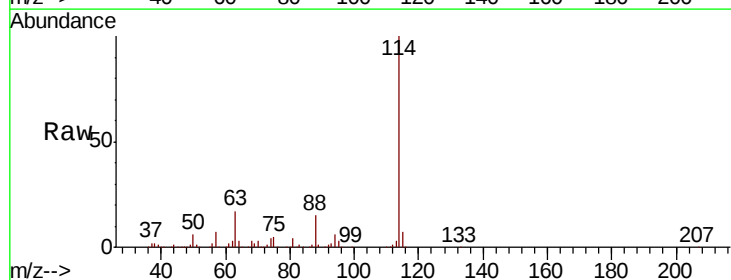
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

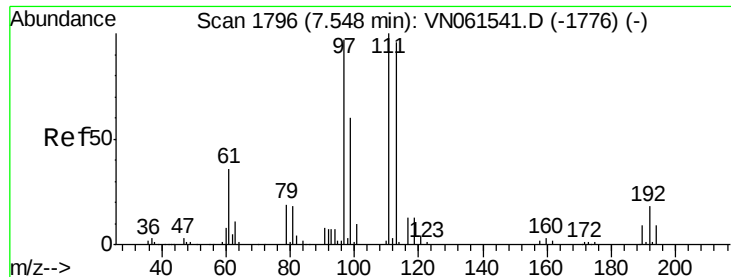
Tot Ion: 65 Resp: 202981
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

Tgt Ion: 114 Resp: 645019
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.8
 88 14.8 0.0 31.0

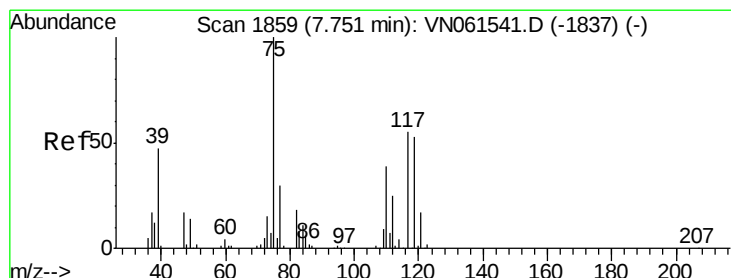
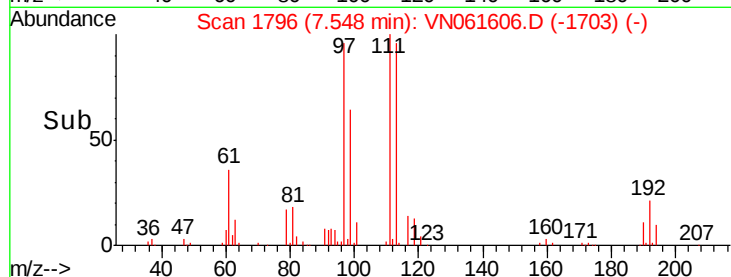
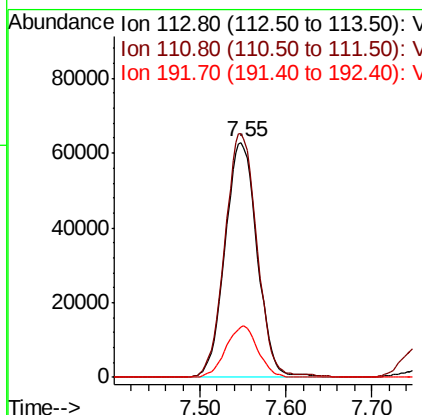
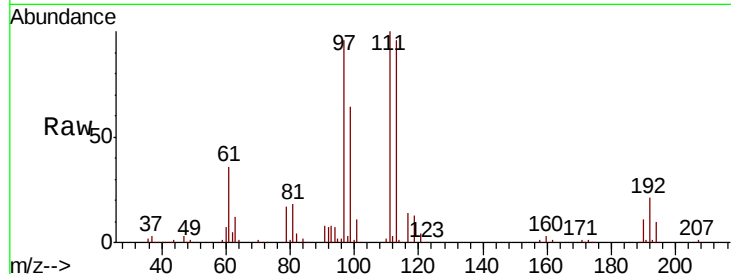




#35
 Dibromofluoromethane
 Concen: 49.809 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

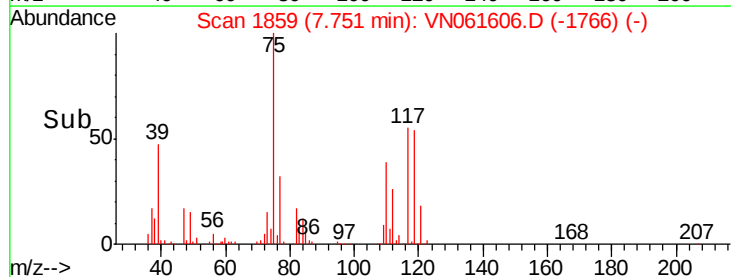
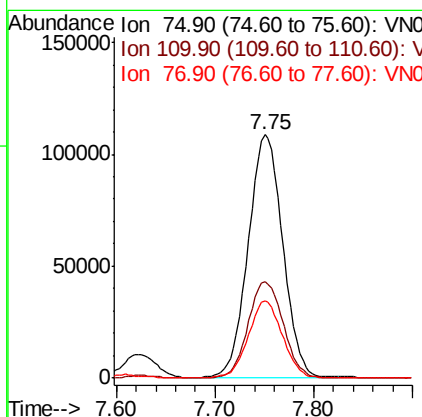
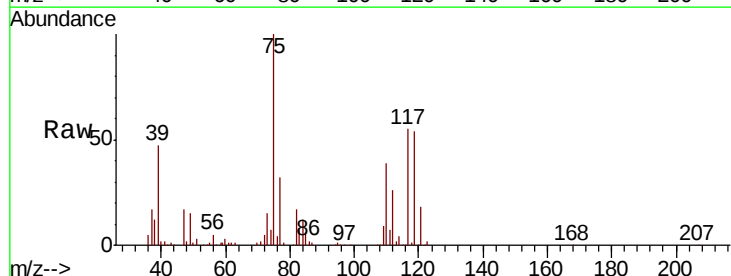
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

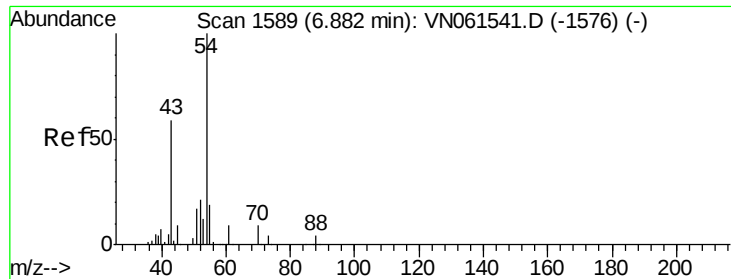
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.4	125.0
192	21.7	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 46.072 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.2	19.5	58.5
77	31.1	24.7	37.1

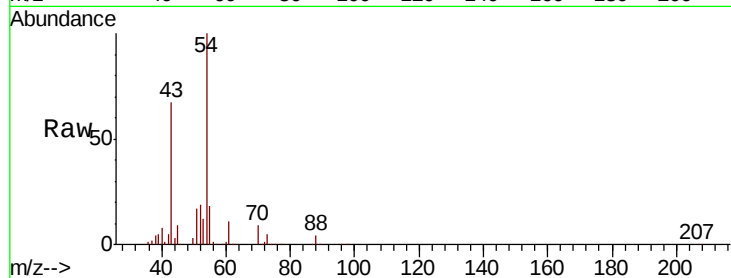




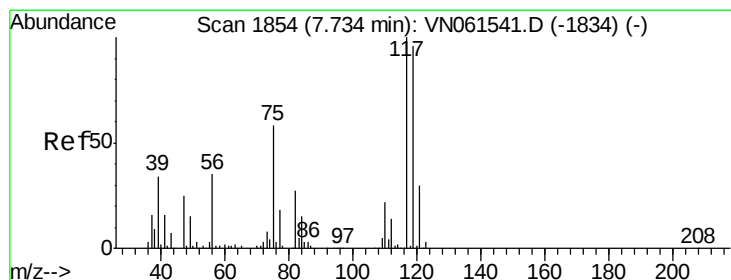
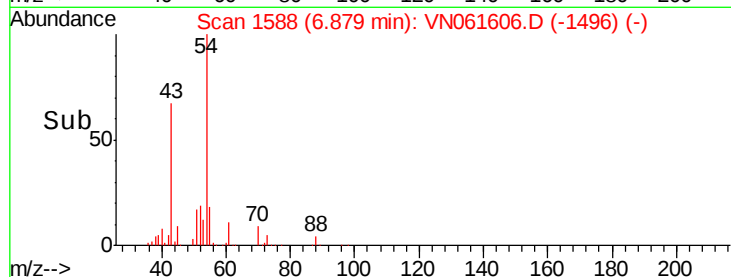
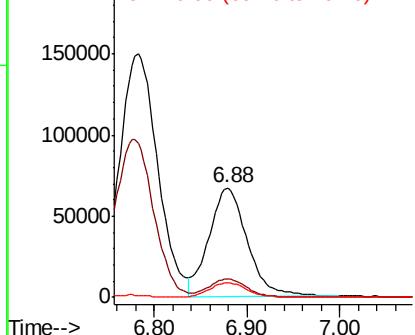
#37
Ethyl Acetate
Concen: 41.755 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 192033
Ion Ratio Lower Upper
43 100
61 16.0 12.2 18.4
70 12.9 9.4 14.2

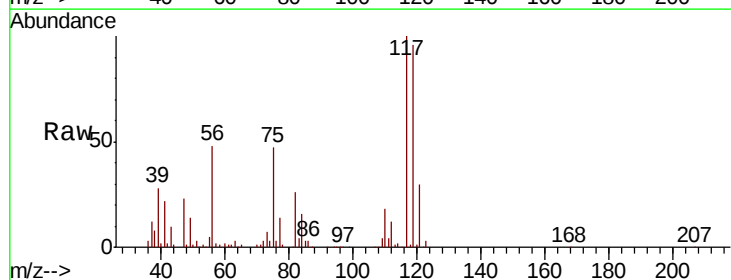


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

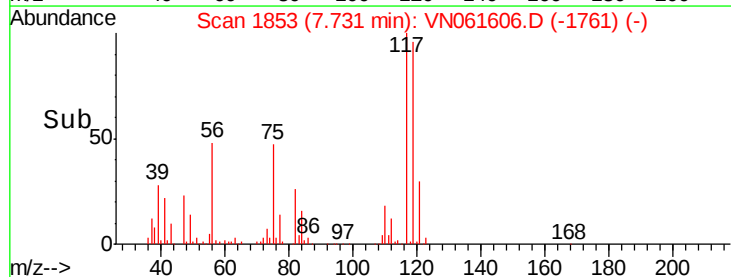
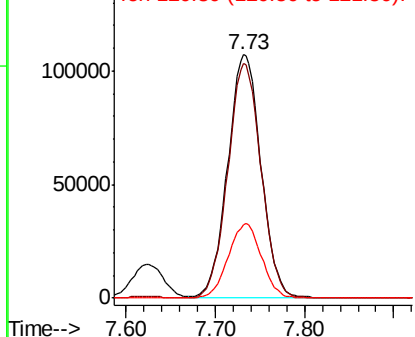


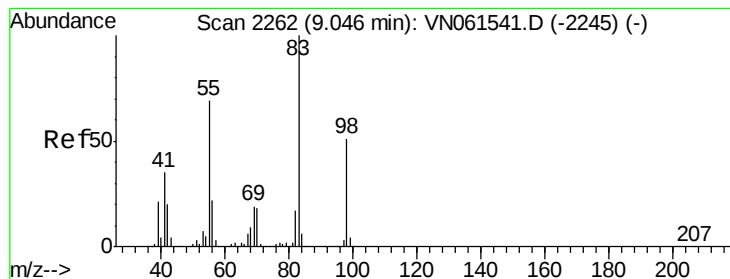
#38
Carbon Tetrachloride
Concen: 50.323 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion: 117 Resp: 277169
Ion Ratio Lower Upper
117 100
119 96.2 76.5 114.7
121 30.2 24.1 36.1



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





#39

Methvlcvclohexane

Concen: 46.108 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

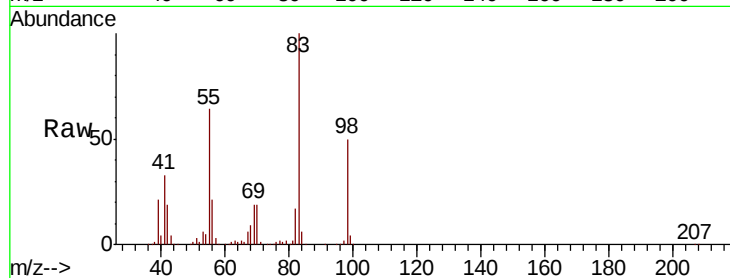
Tot Ion: 83 Resp: 324515

Ion Ratio Lower Upper

83 100

55 63.8 54.9 82.3

98 50.1 41.0 61.4

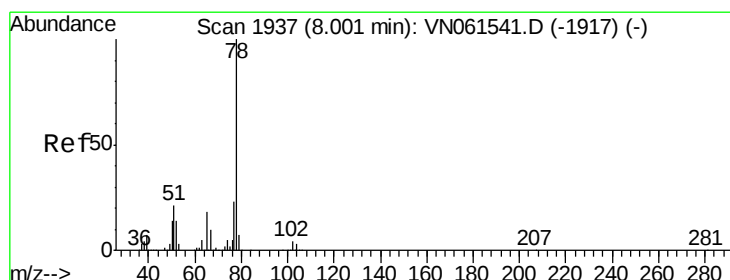
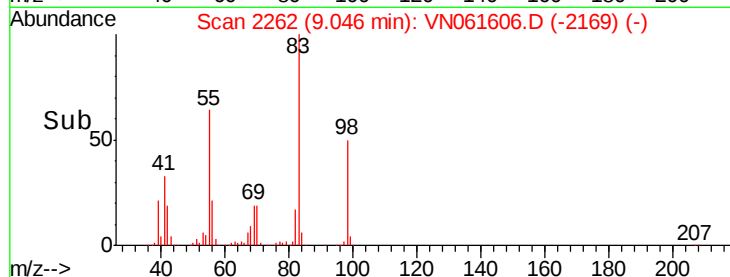
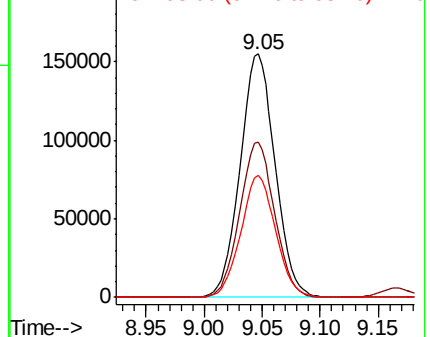


Abundance

Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 45.537 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN061606.D

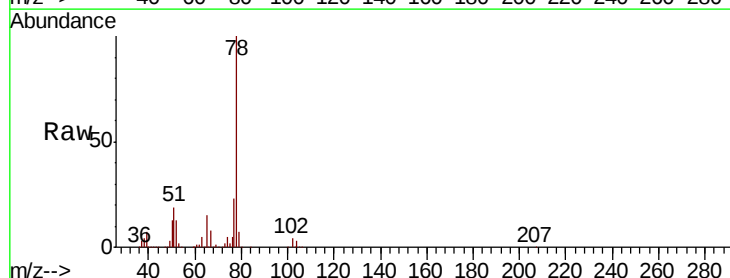
Acq: 1 Jun 2020 19:39

Tgt Ion: 78 Resp: 802279

Ion Ratio Lower Upper

78 100

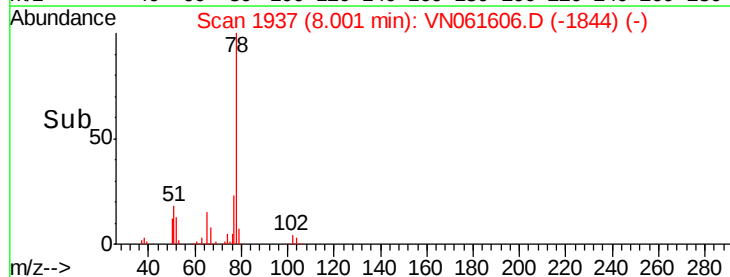
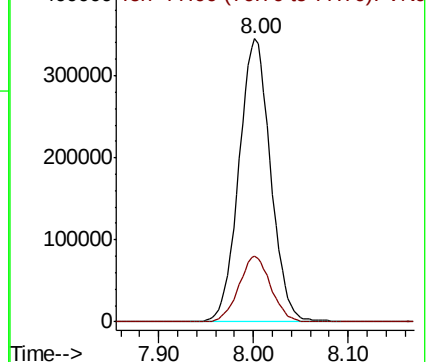
77 23.3 18.6 28.0

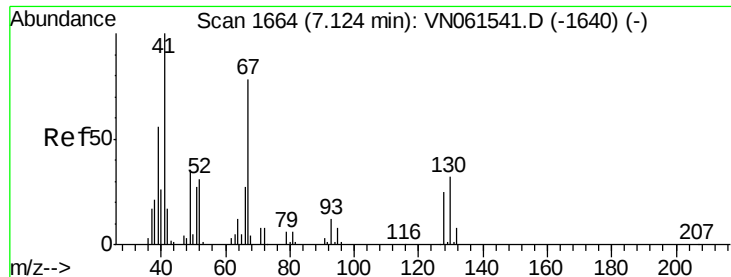


Abundance

Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

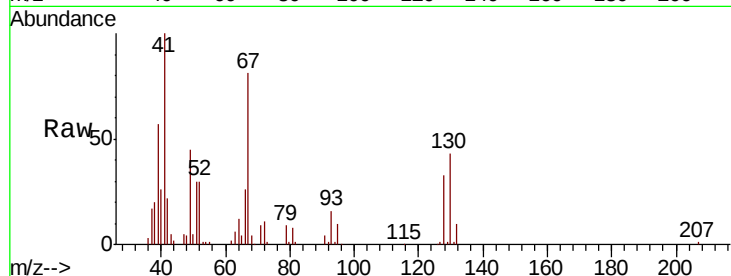




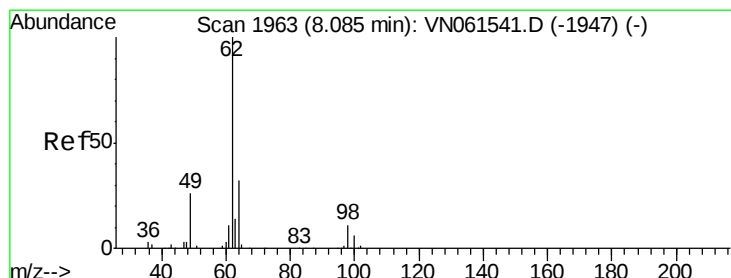
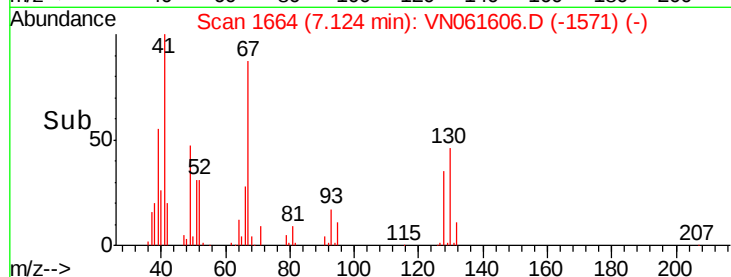
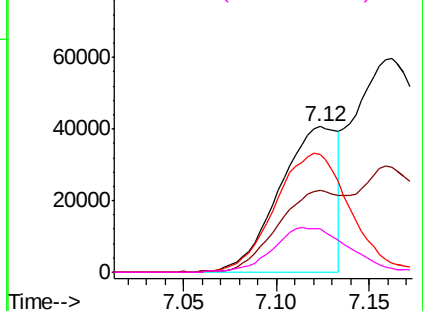
#41
Methacrylonitrile
Concen: 41.936 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 88365
Ion Ratio Lower Upper
41 100
39 60.7 53.8 80.6
67 106.0 91.1 136.7
52 40.6 36.0 54.0

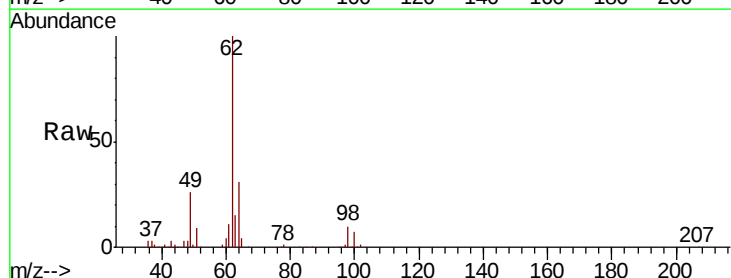


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

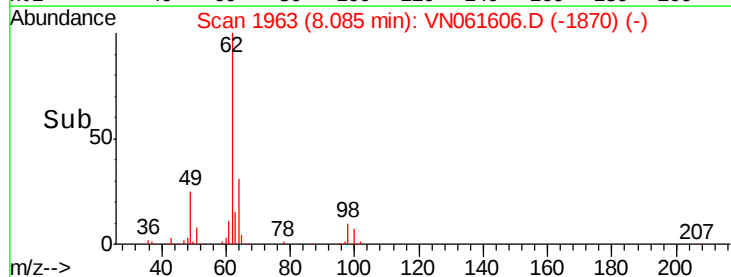
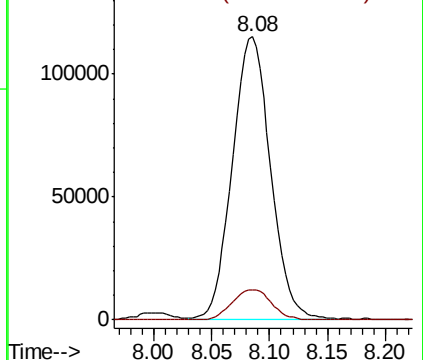


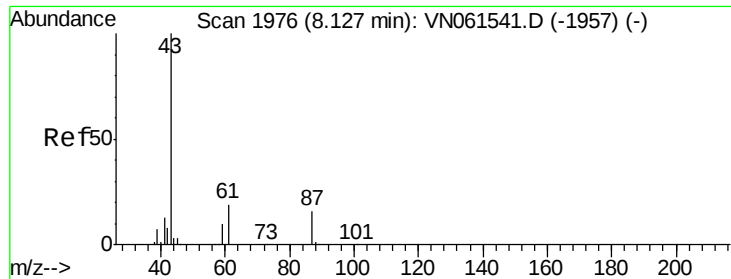
#42
1,2-Dichloroethane
Concen: 44.402 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion: 62 Resp: 261899
Ion Ratio Lower Upper
62 100
98 11.1 0.0 21.4



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

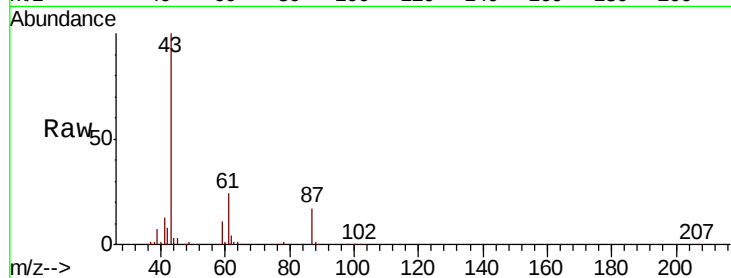




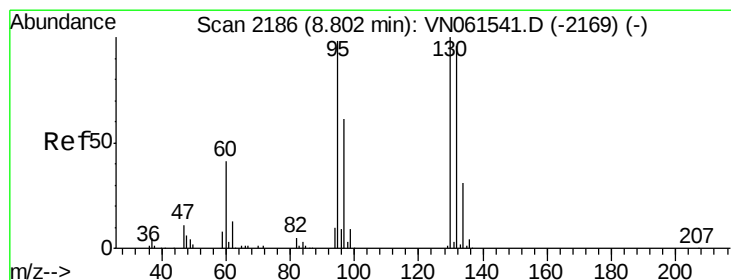
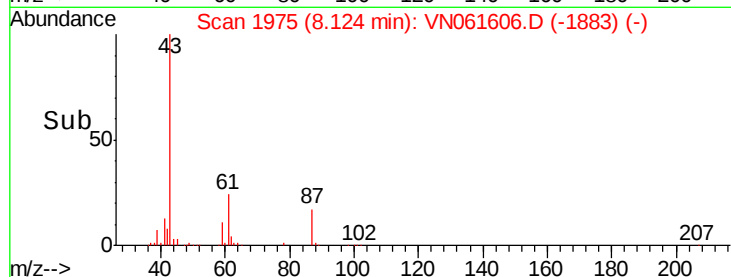
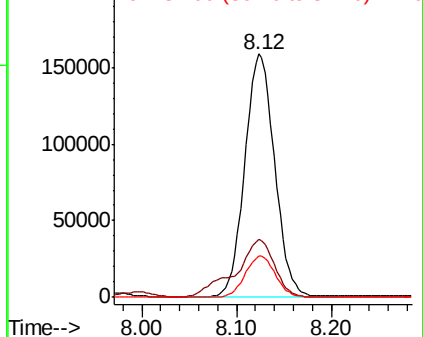
#43
Isopropyl Acetate
Concen: 42.055 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 347978
Ion Ratio Lower Upper
43 100
61 31.4 23.6 35.4
87 17.2 13.0 19.6

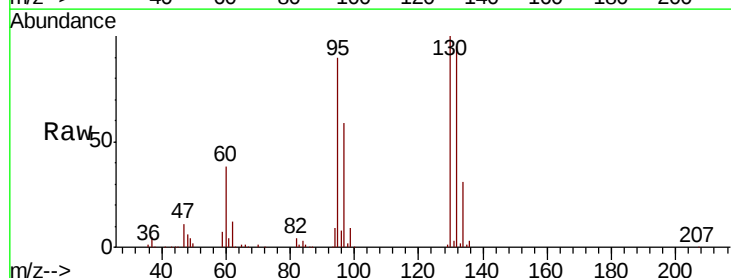


Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-1957) (-)
Ion 61.00 (60.70 to 61.70): VN061541.D (-1957) (-)
Ion 87.00 (86.70 to 87.70): VN061541.D (-1957) (-)

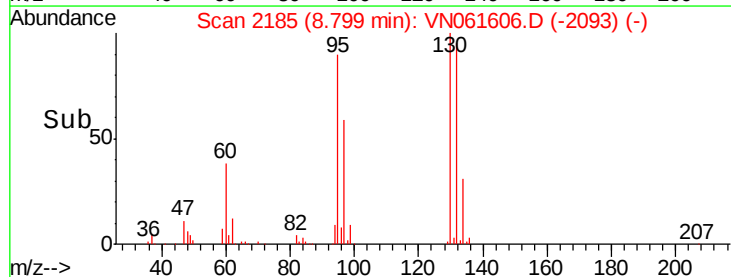
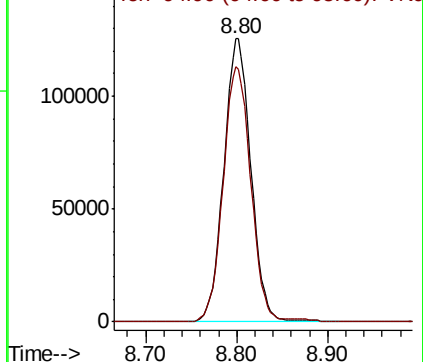


#44
Trichloroethene
Concen: 47.877 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion: 130 Resp: 259231
Ion Ratio Lower Upper
130 100
95 90.4 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): VN061541.D (-2169) (-)
Ion 94.90 (94.60 to 95.60): VN061541.D (-2169) (-)

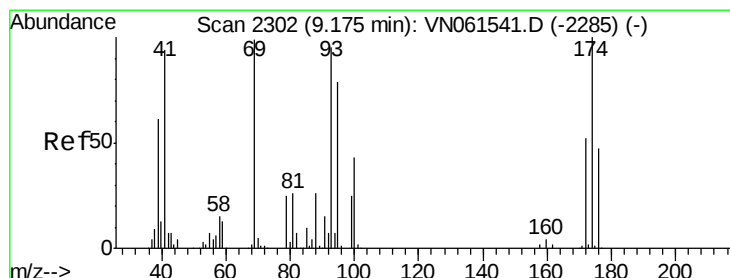
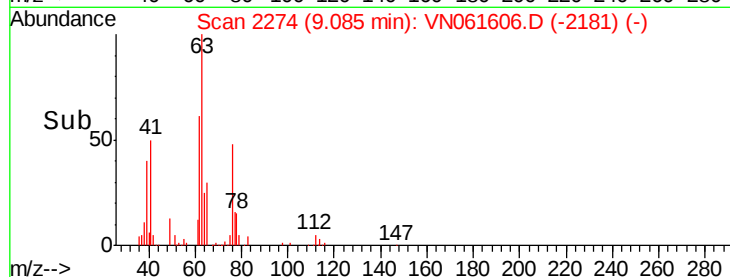
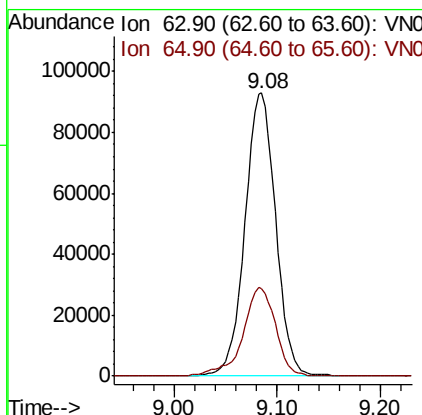
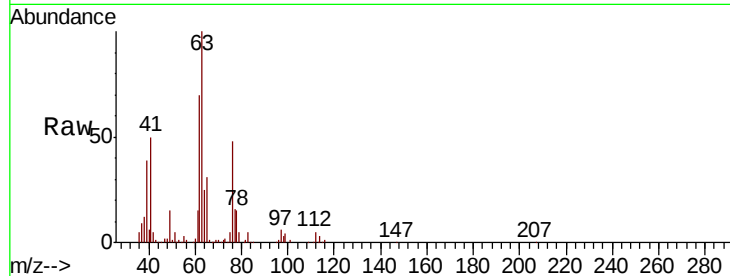




#45
 1,2-Dichloropropane
 Concen: 45.928 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

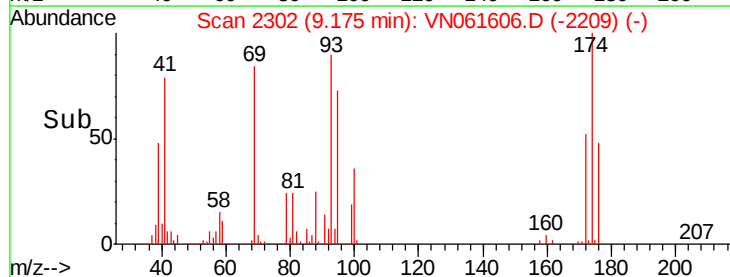
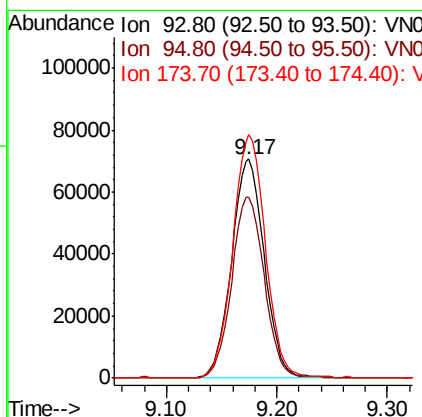
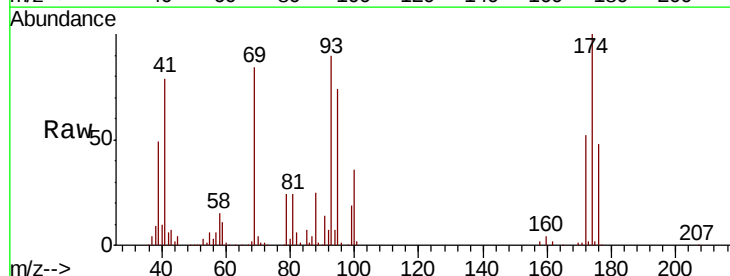
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 192141
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.7 37.1



#46
 Dibromomethane
 Concen: 45.386 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

Tgt Ion: 93 Resp: 145622
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.0 99.0
 174 110.0 82.5 123.7





#47

Bromodichloromethane

Concen: 46.608 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

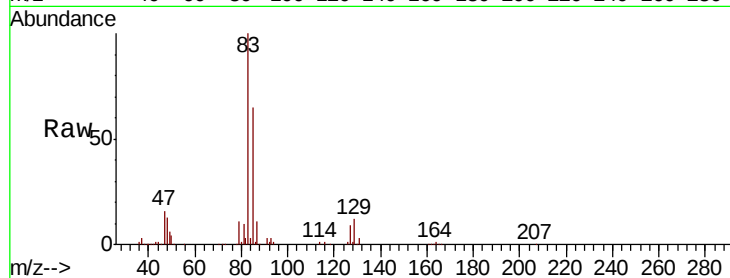
Tot Ion: 83 Resp: 296282

Ion Ratio Lower Upper

83 100

85 64.8 51.1 76.7

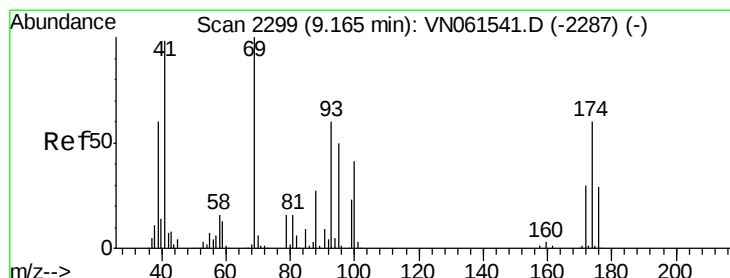
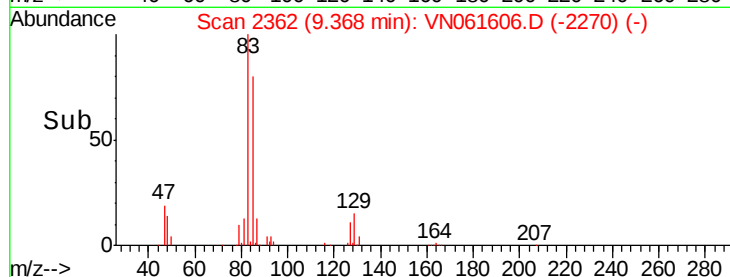
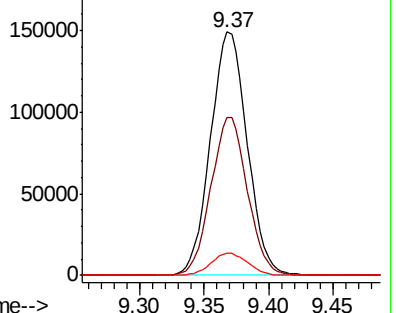
127 9.1 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061606.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061606.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061606.D (-2270) (-)



#48

Methyl methacrylate

Concen: 40.476 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

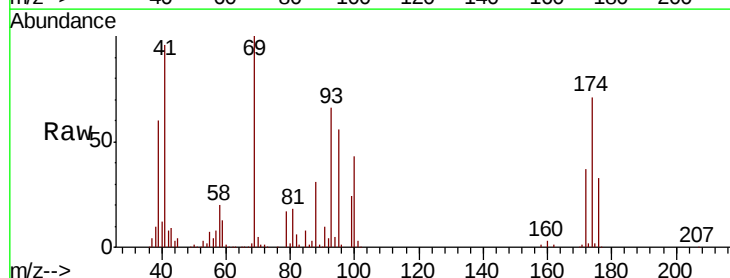
Tgt Ion: 41 Resp: 150682

Ion Ratio Lower Upper

41 100

69 108.8 83.9 125.9

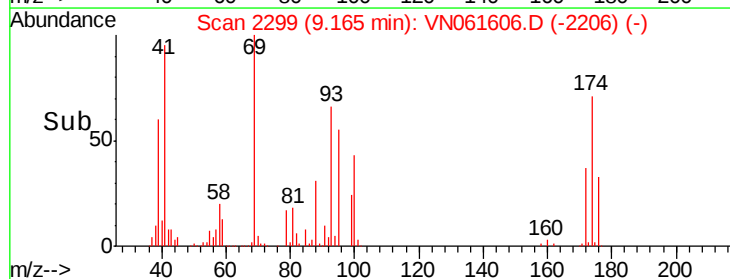
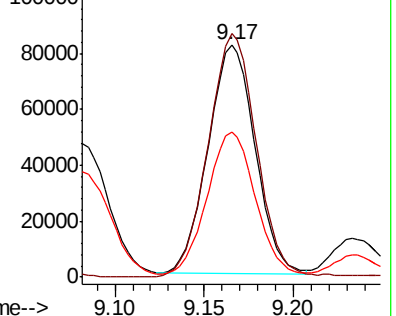
39 65.6 52.1 78.1

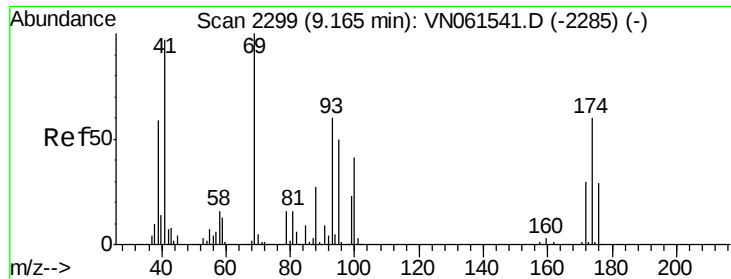


Abundance Ion 41.00 (40.70 to 41.70): VN061606.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061606.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061606.D (-2206) (-)

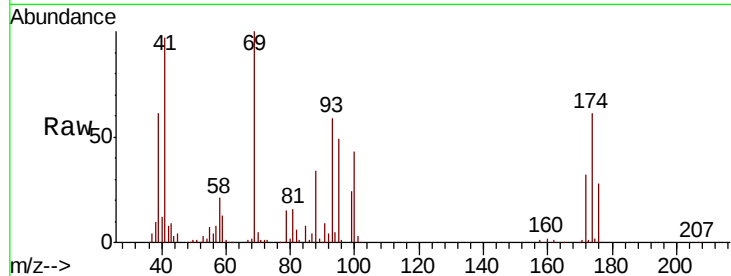




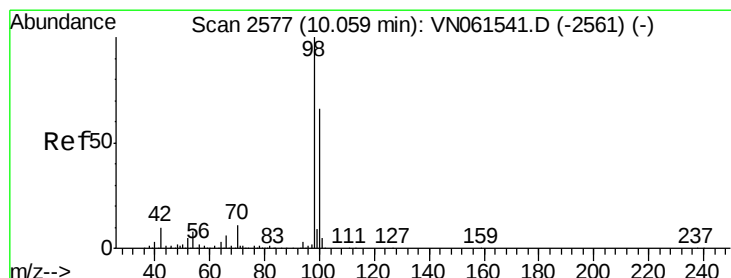
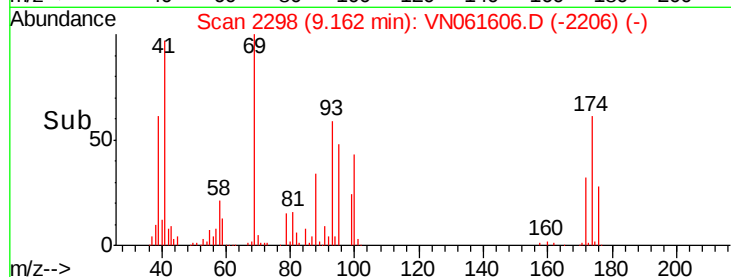
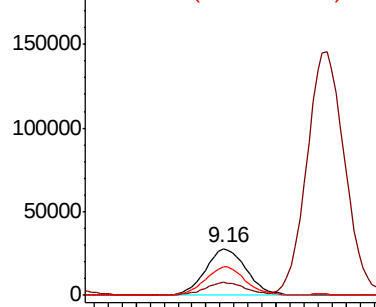
#49
1,4-Dioxane
Concen: 987.125 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 56929
Ion Ratio Lower Upper
88 100
43 26.0 23.1 34.7
58 59.8 48.3 72.5

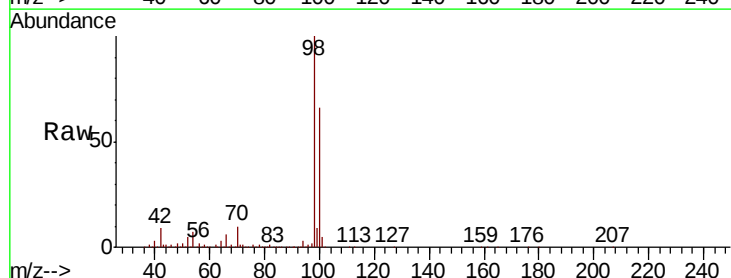


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

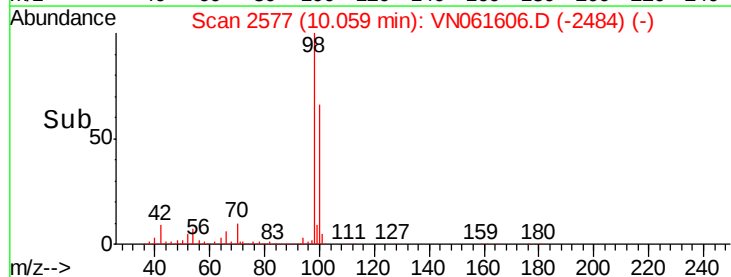
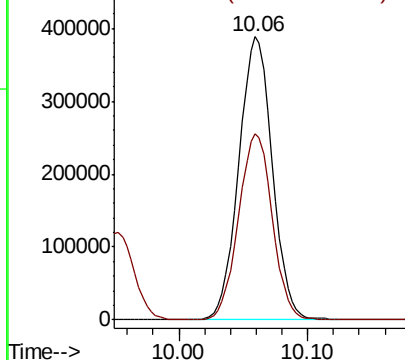


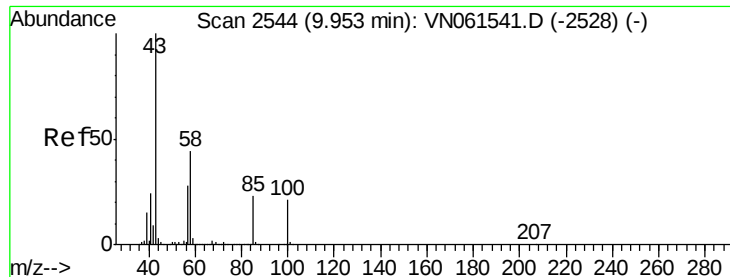
#50
Toluene-d8
Concen: 46.370 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion: 98 Resp: 703117
Ion Ratio Lower Upper
98 100
100 66.3 52.8 79.2



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

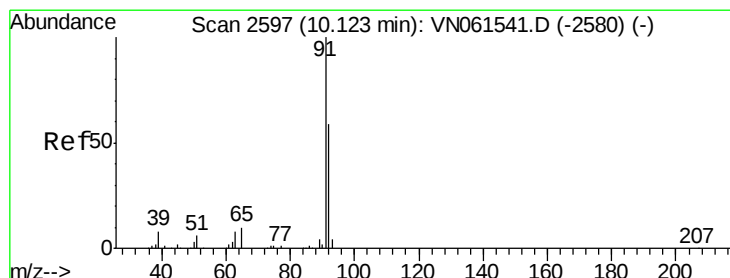
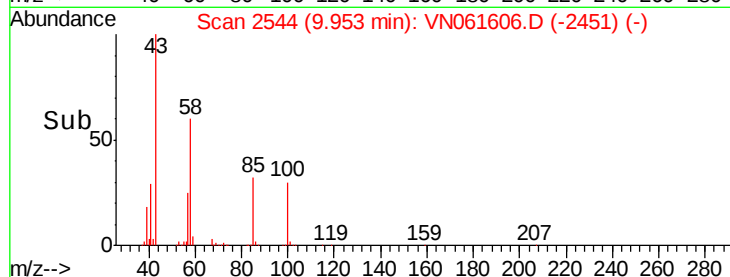
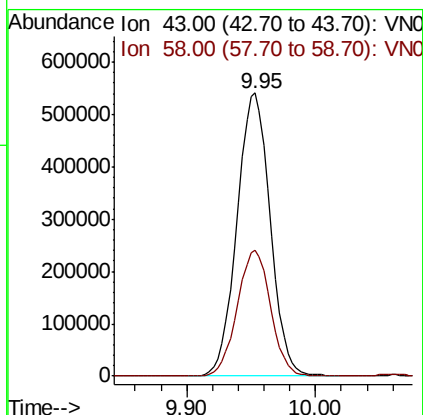
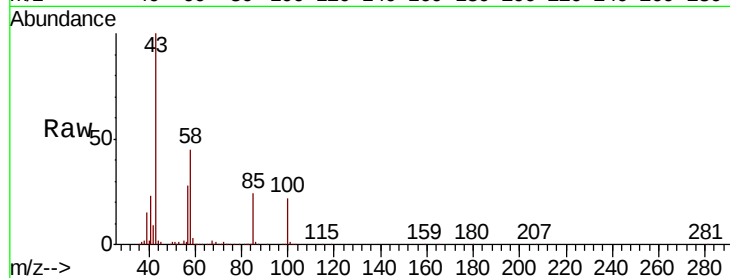




#51
4-Methyl-2-Pentanone
Concen: 207.480 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

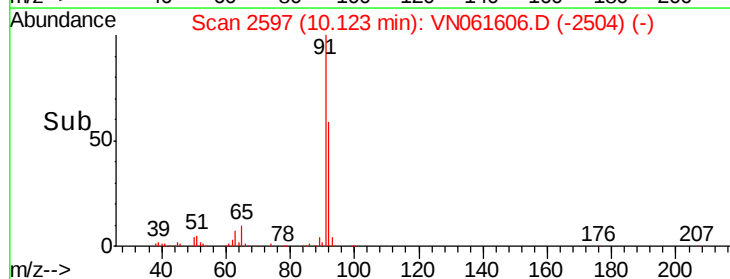
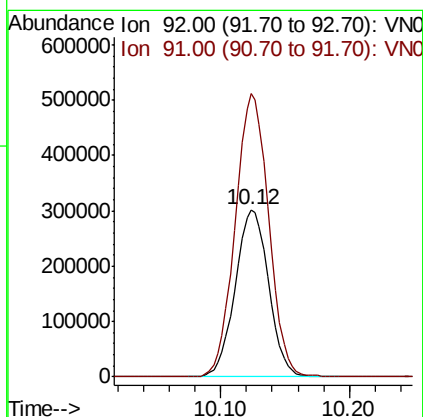
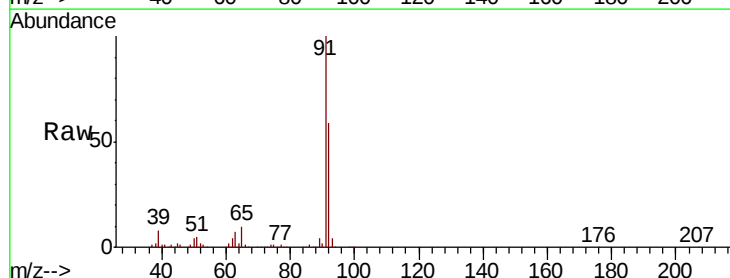
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

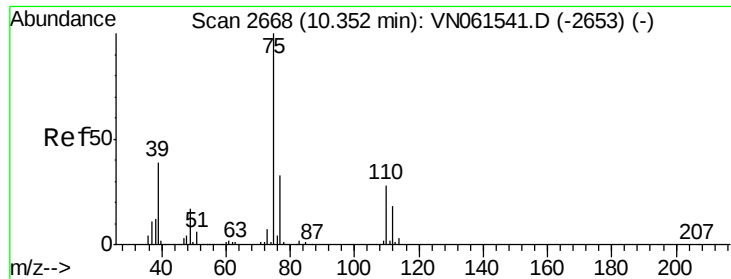
Tot Ion: 43 Resp: 967435
Ion Ratio Lower Upper
43 100
58 44.8 35.0 52.6



#52
Toluene
Concen: 47.405 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion: 92 Resp: 545115
Ion Ratio Lower Upper
92 100
91 169.4 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 46.458 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

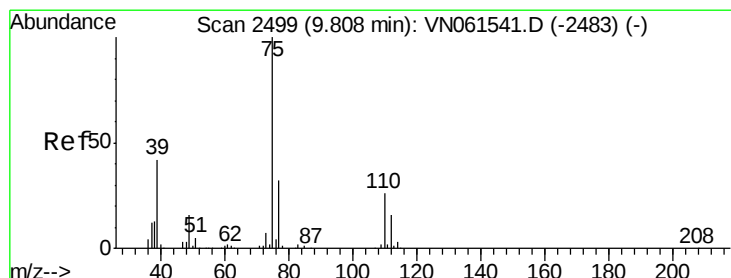
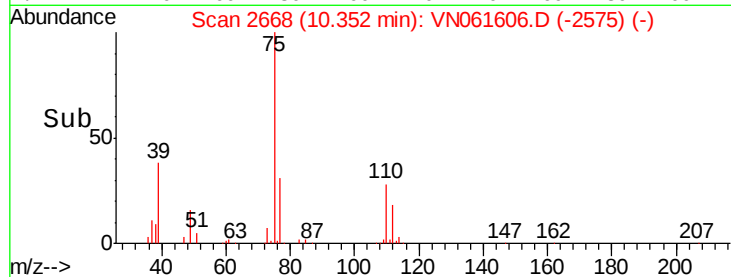
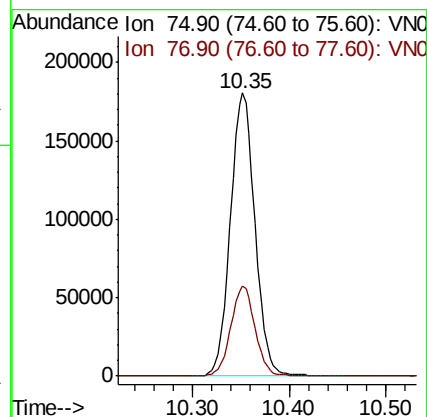
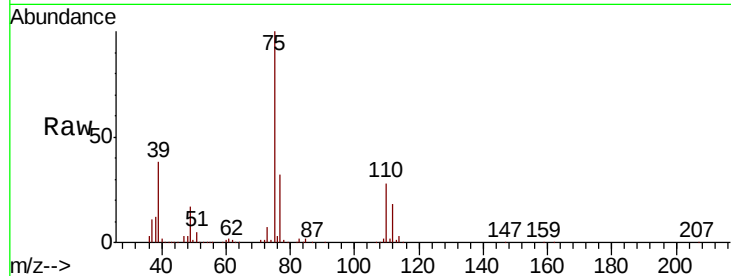
VSTDCCC050EC

Tot Ion: 75 Resp: 318147

Ion Ratio Lower Upper

75 100

77 31.5 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 46.160 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

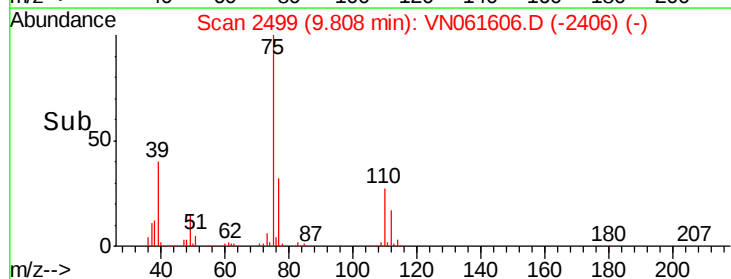
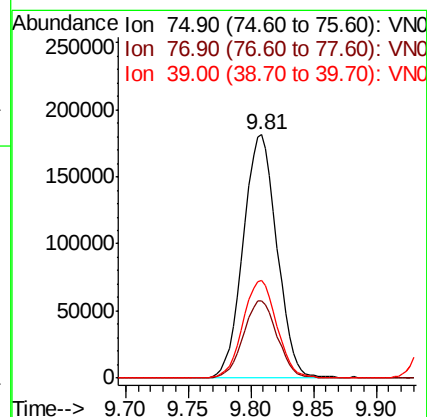
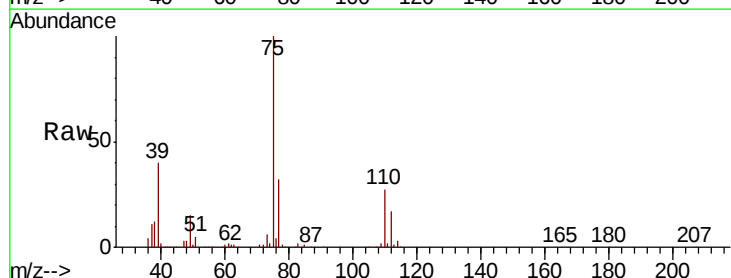
Tgt Ion: 75 Resp: 339881

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2

39 39.8 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 46.477 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 212928

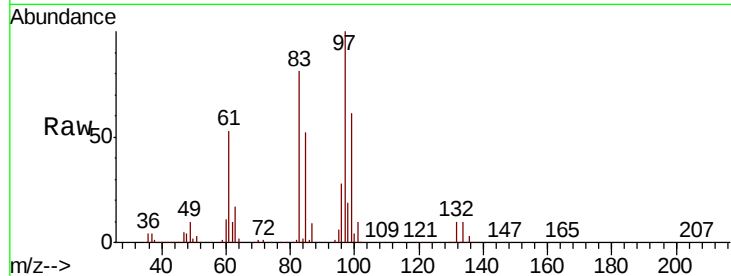
Ion Ratio Lower Upper

97 100

83 81.3 68.1 102.1

85 51.8 44.1 66.1

99 61.0 51.1 76.7

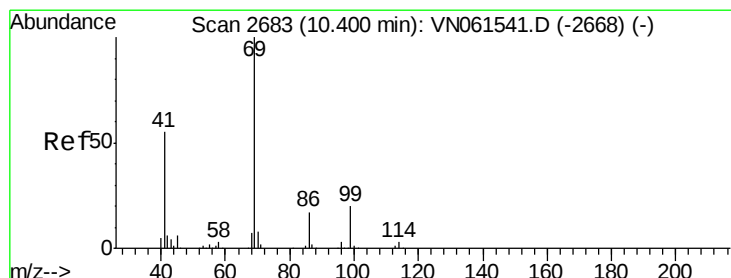
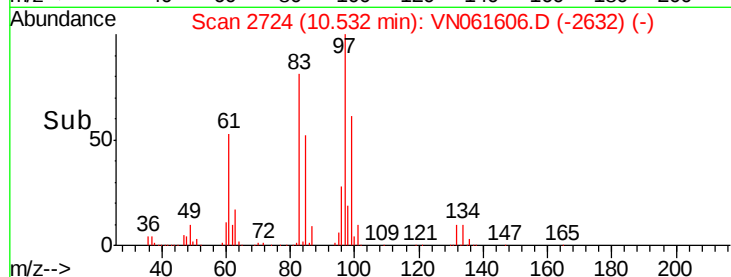
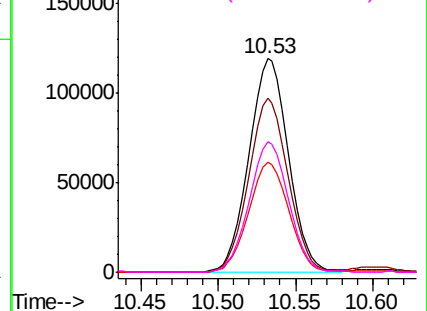


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 46.699 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

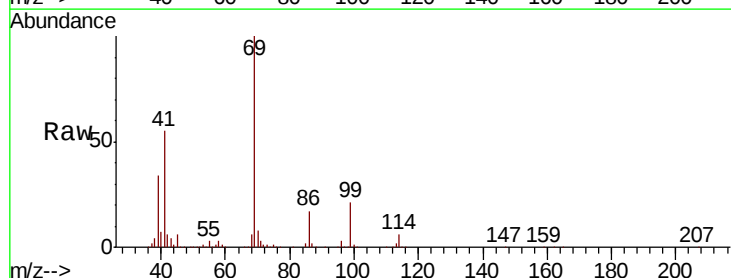
Tgt Ion: 69 Resp: 298860

Ion Ratio Lower Upper

69 100

41 52.9 43.5 65.3

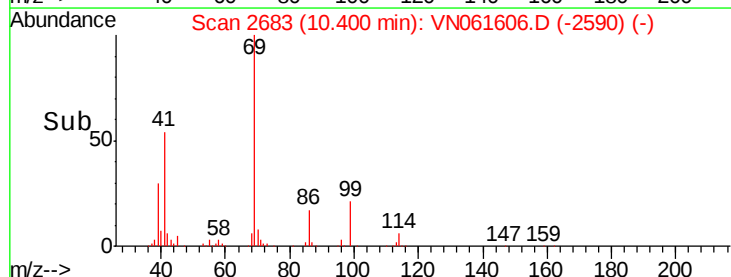
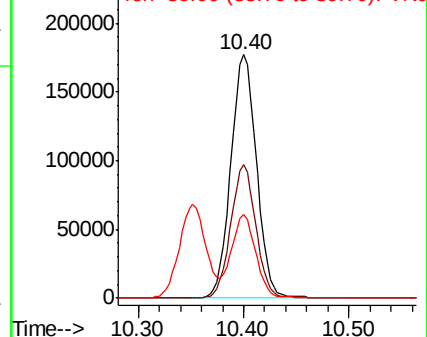
39 32.2 27.0 40.6

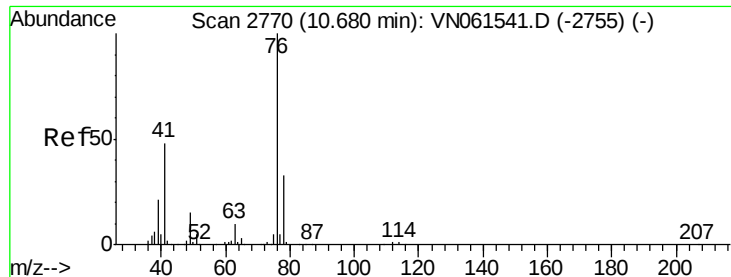


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 46.091 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

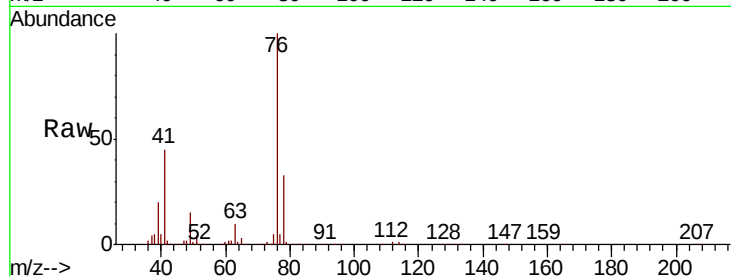
VSTDCCC050EC

Tot Ion: 76 Resp: 337723

Ion Ratio Lower Upper

76 100

78 32.5 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

200000

150000

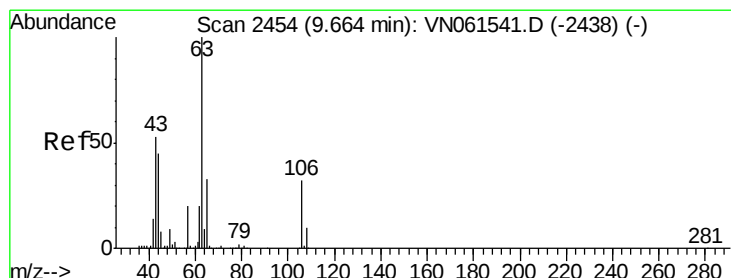
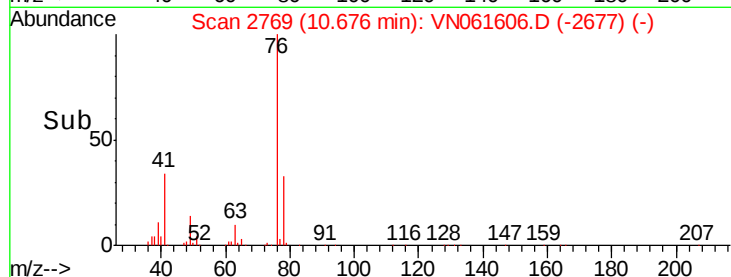
100000

50000

0

Time-->

10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 221.300 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN061606.D

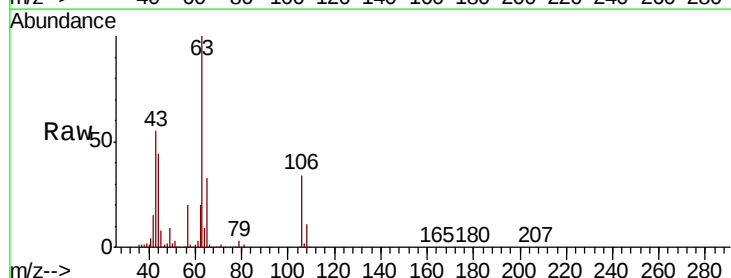
Acq: 1 Jun 2020 19:39

Tgt Ion: 63 Resp: 605231

Ion Ratio Lower Upper

63 100

106 34.0 25.9 38.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

300000

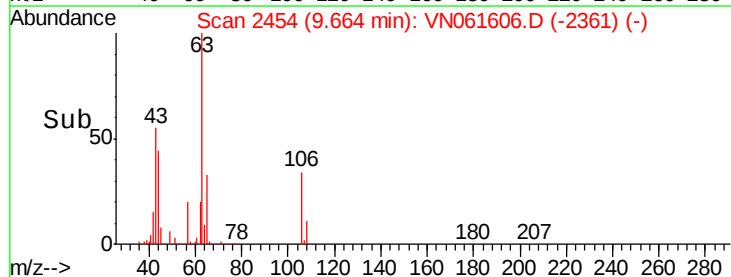
200000

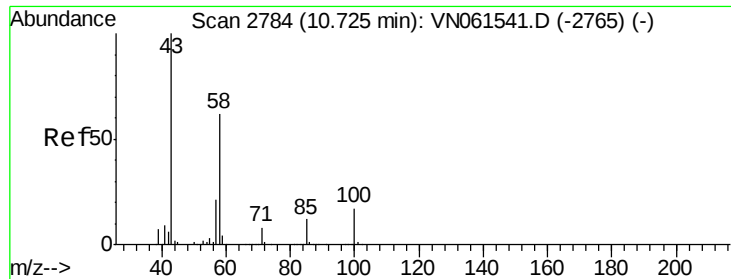
100000

0

Time-->

9.60 9.70 9.80

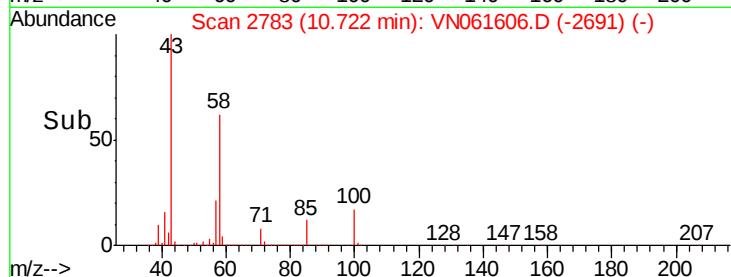
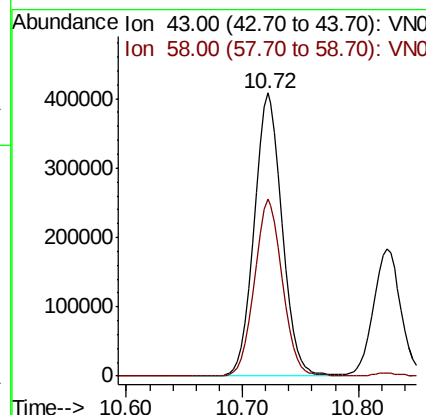
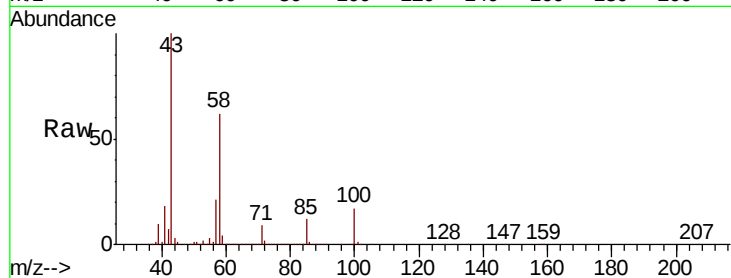




#59
2-Hexanone
Concen: 204.704 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

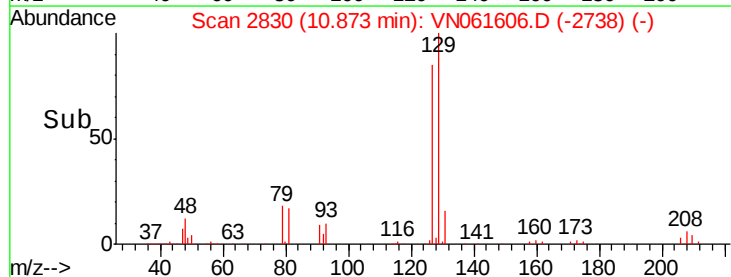
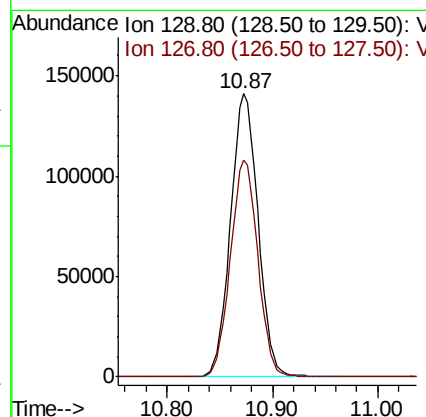
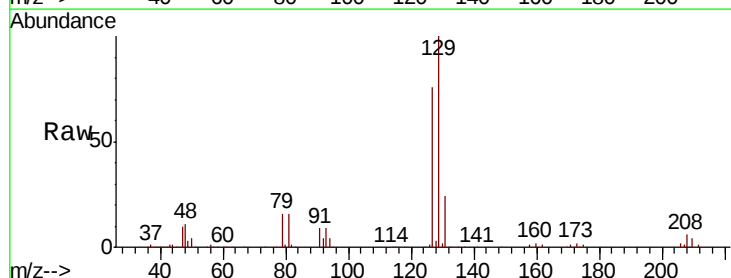
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 685488
Ion Ratio Lower Upper
43 100
58 62.9 30.7 92.1



#60
Dibromochloromethane
Concen: 48.863 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion: 129 Resp: 254495
Ion Ratio Lower Upper
129 100
127 76.2 38.8 116.3





#61

1,2-Dibromoethane

Concen: 47.417 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

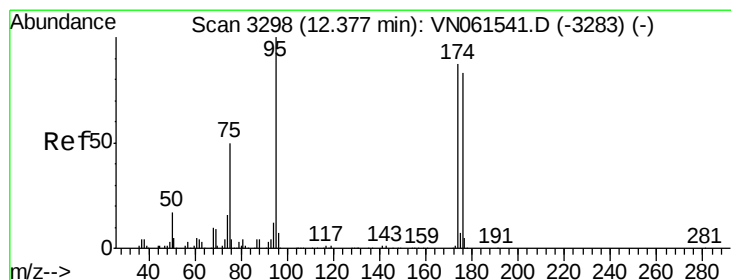
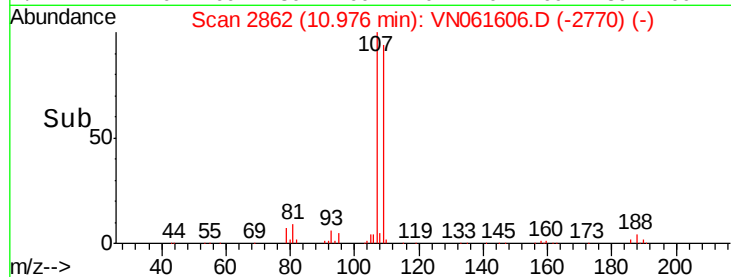
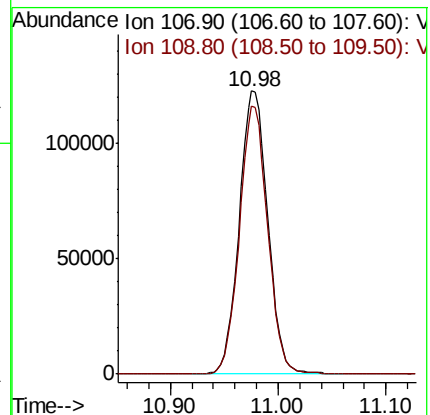
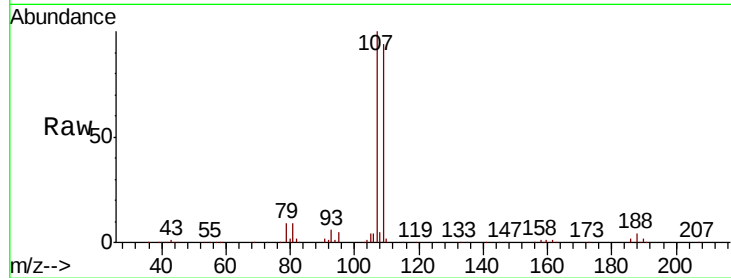
VSTDCCC050EC

Tot Ion:107 Resp: 226564

Ion Ratio Lower Upper

107 100

109 93.7 76.1 114.1



#62

4-Bromofluorobenzene

Concen: 46.662 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

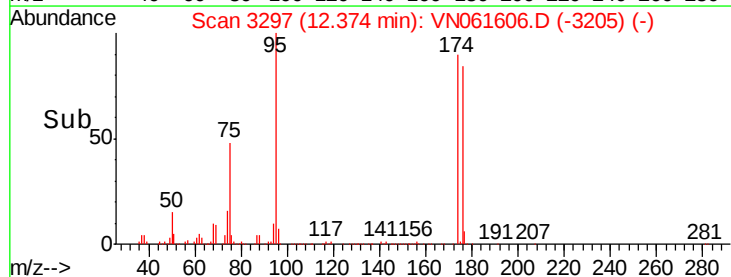
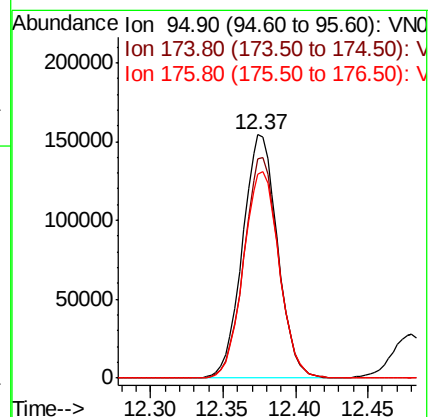
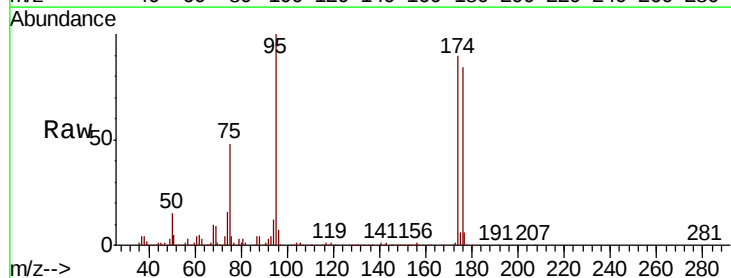
Tgt Ion: 95 Resp: 258134

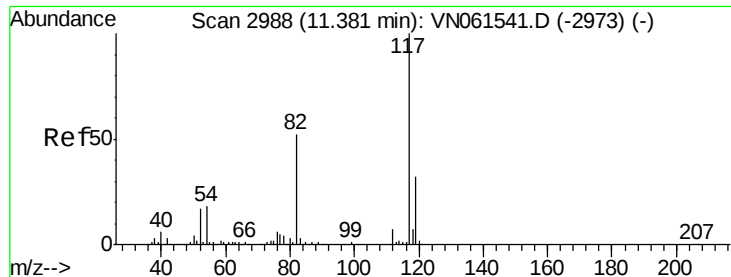
Ion Ratio Lower Upper

95 100

174 90.1 0.0 172.8

176 87.1 0.0 164.8

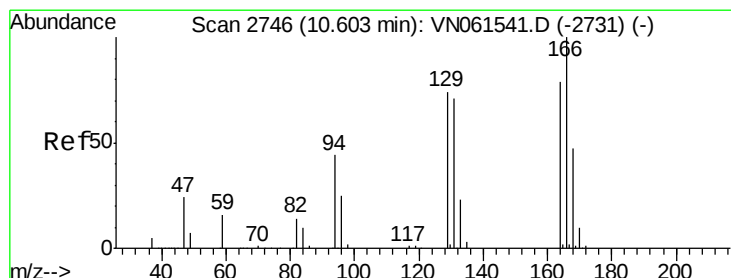
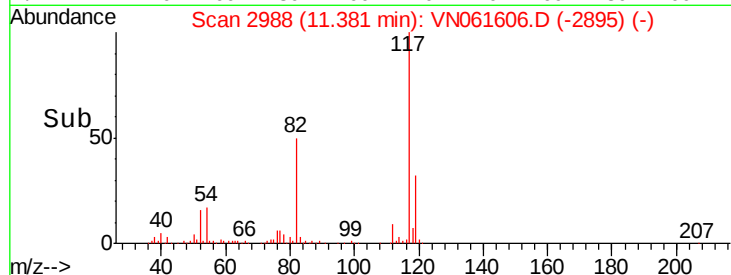
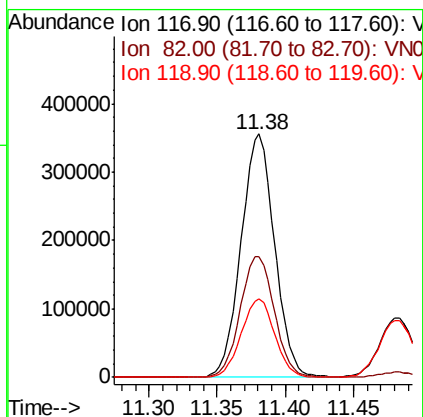
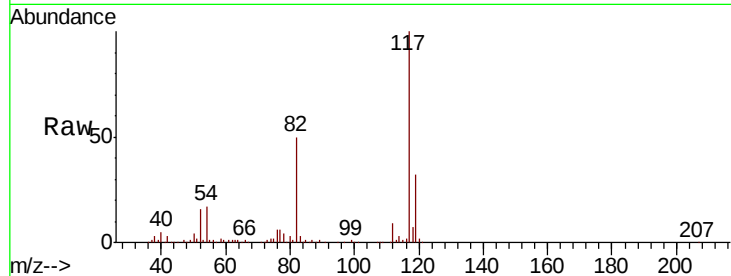




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

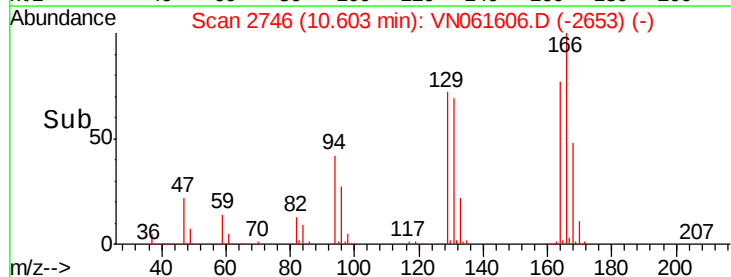
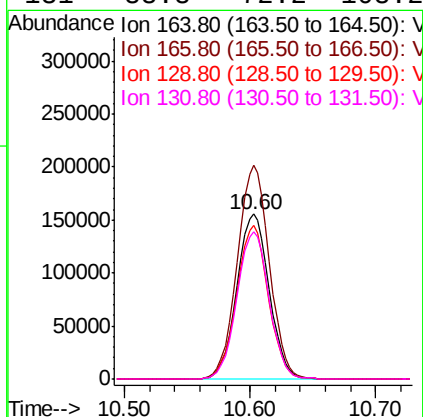
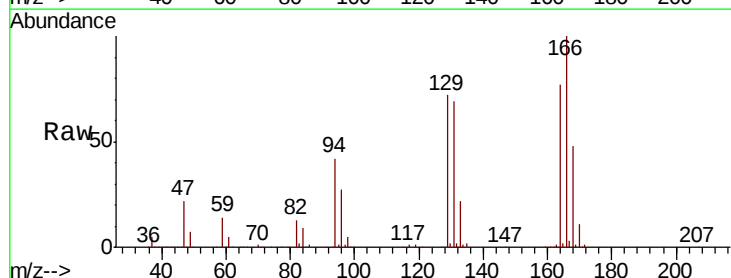
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 608109
Ion Ratio Lower Upper
117 100
82 49.8 41.5 62.3
119 32.3 25.6 38.4



#64
Tetrachloroethene
Concen: 48.536 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion:164 Resp: 277834
Ion Ratio Lower Upper
164 100
166 129.4 101.5 152.3
129 92.7 74.9 112.3
131 88.8 72.2 108.2





#65

Chlorobenzene

Concen: 47.664 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

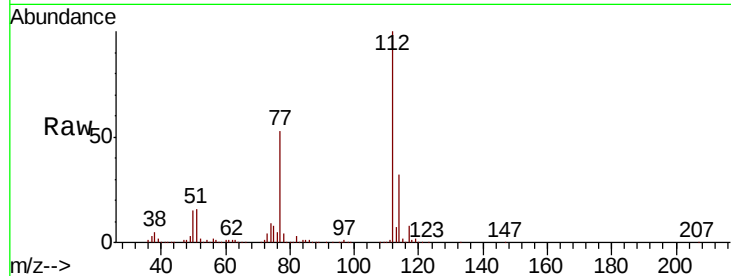
VSTDCCC050EC

Tot Ion:112 Resp: 602484

Ion Ratio Lower Upper

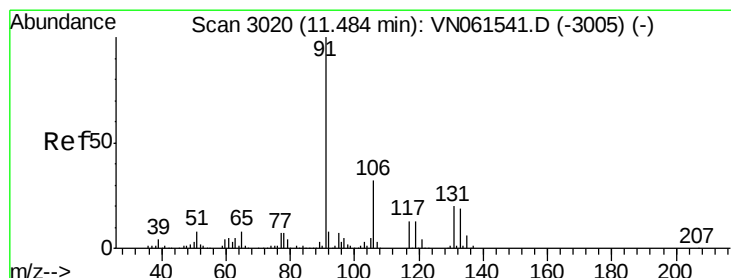
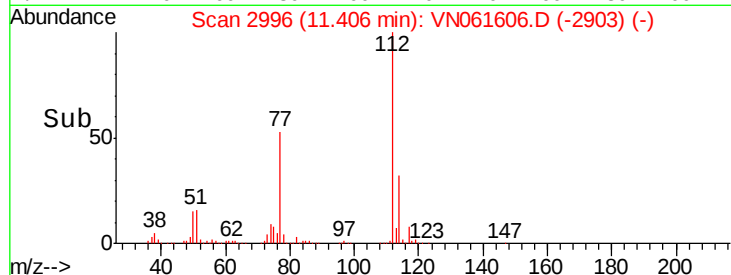
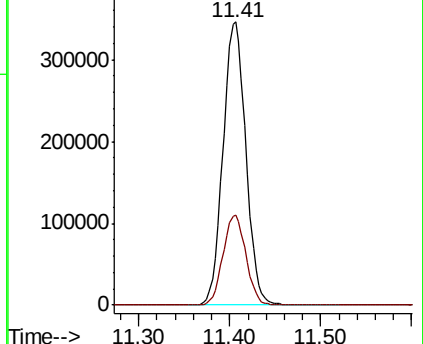
112 100

114 31.7 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.049 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

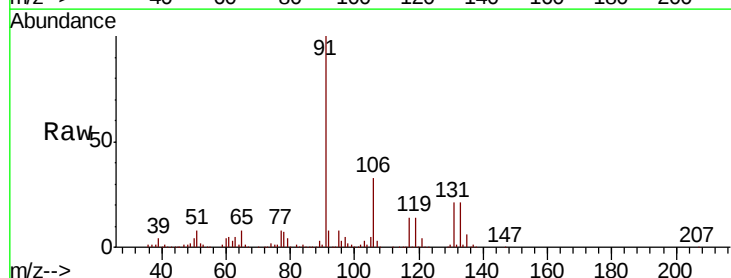
Tgt Ion:131 Resp: 226150

Ion Ratio Lower Upper

131 100

133 96.4 47.4 142.2

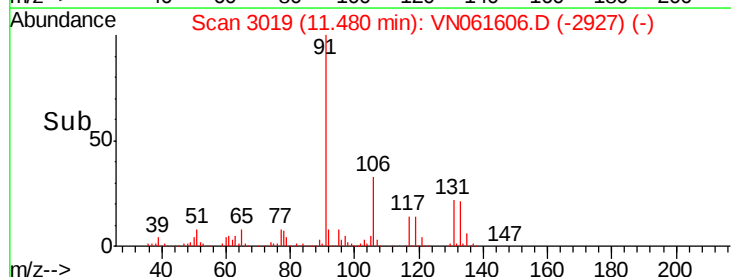
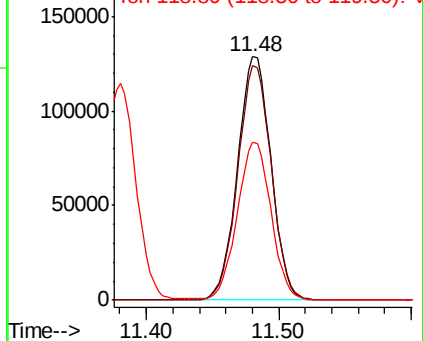
119 65.1 32.6 97.8

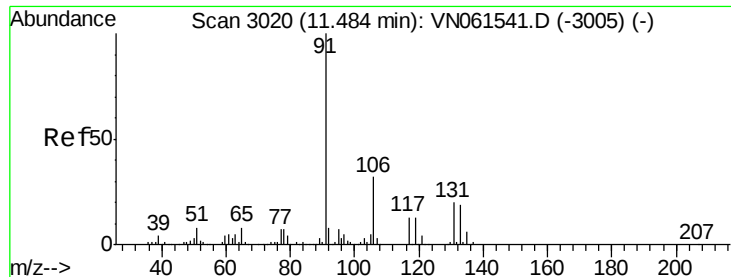


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

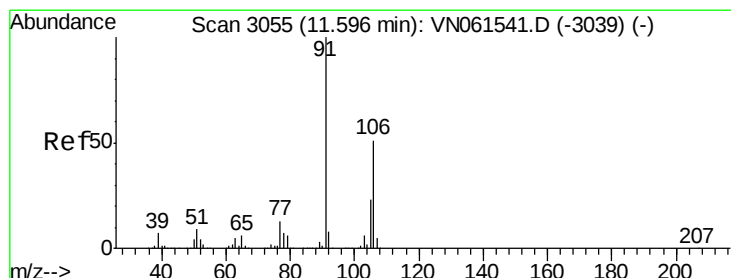
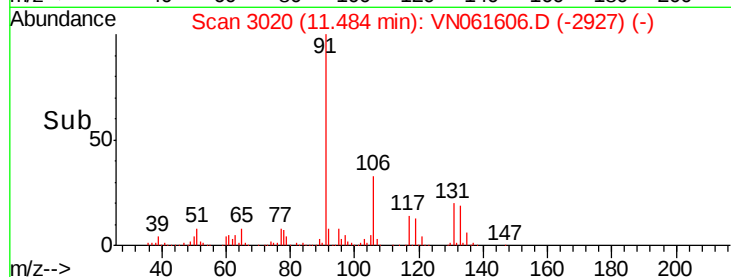
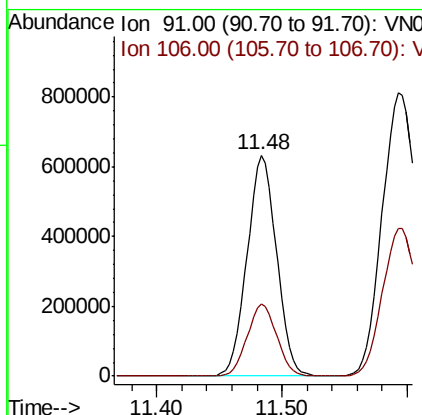
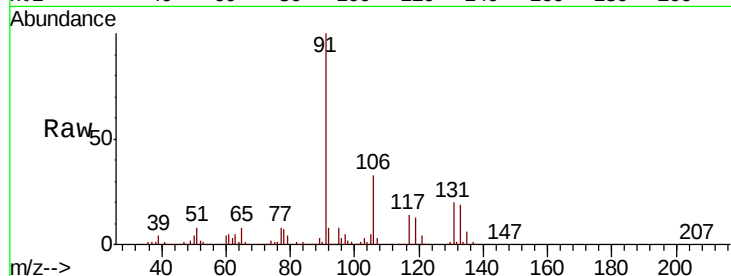




#67
Ethyl Benzene
Concen: 47.509 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

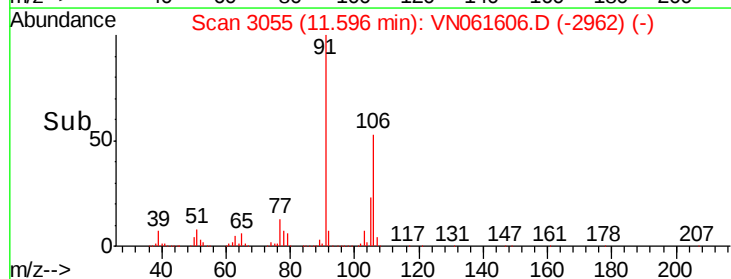
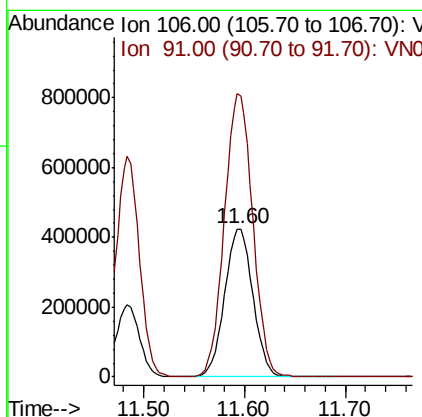
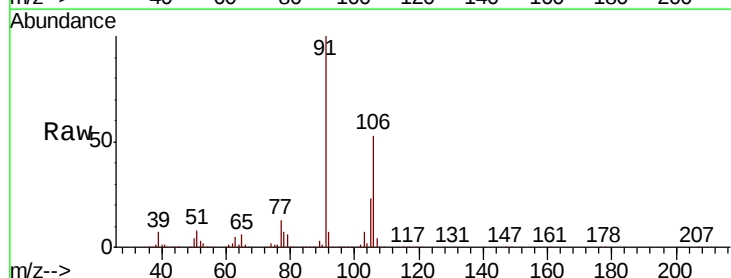
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 1037944
Ion Ratio Lower Upper
91 100
106 32.9 25.6 38.4



#68
m/p-Xylenes
Concen: 95.404 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion: 106 Resp: 826446
Ion Ratio Lower Upper
106 100
91 192.2 156.2 234.4

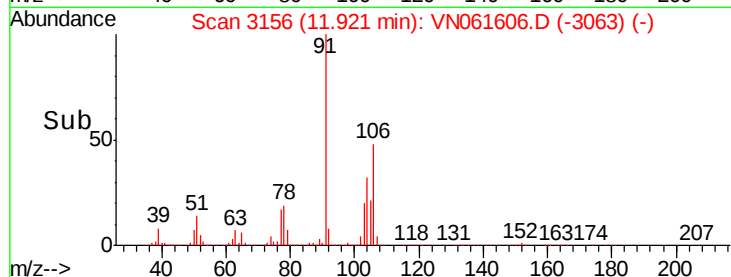
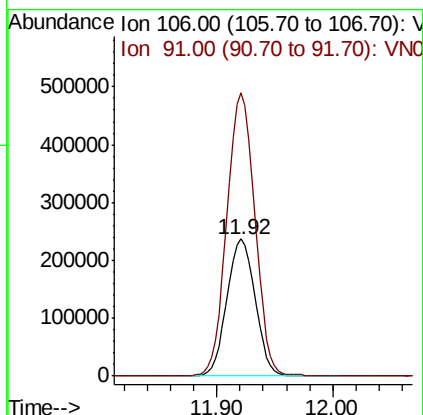
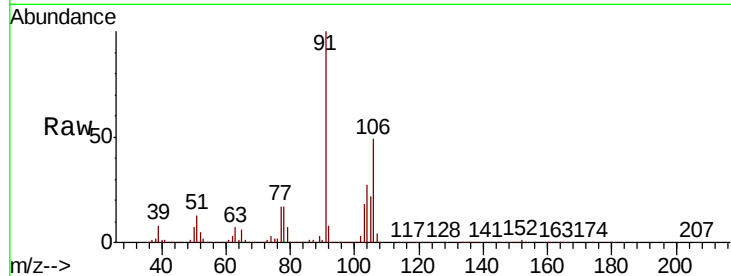




#69
o-Xylene
Concen: 48.412 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

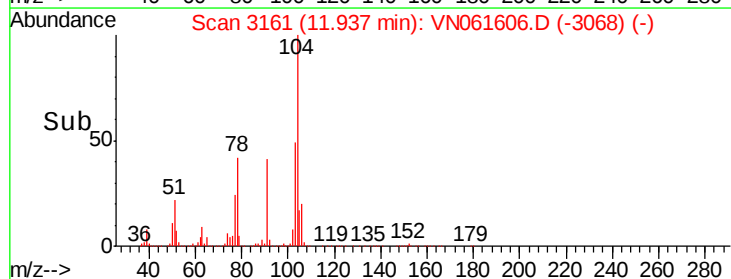
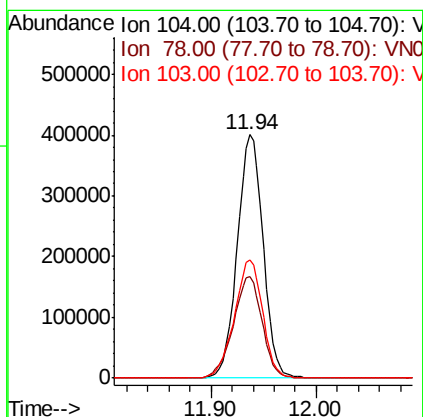
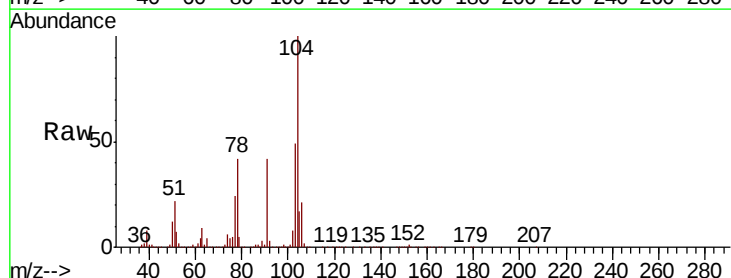
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

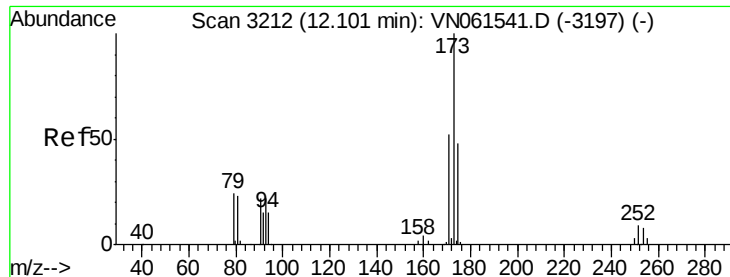
Tot Ion:106 Resp: 398325
Ion Ratio Lower Upper
106 100
91 204.1 103.3 309.8



#70
Styrene
Concen: 49.814 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion:104 Resp: 678736
Ion Ratio Lower Upper
104 100
78 46.2 37.4 56.0
103 52.9 42.3 63.5





#71

Bromoform

Concen: 49.662 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

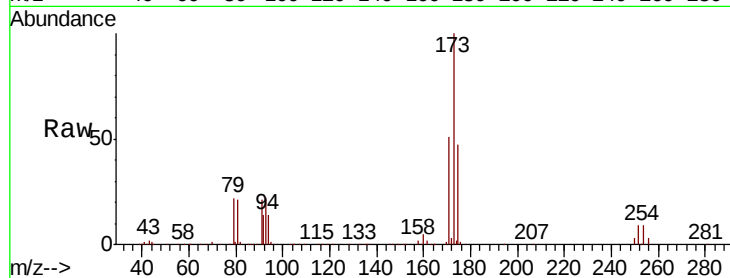
Tot Ion:173 Resp: 180111

Ion Ratio Lower Upper

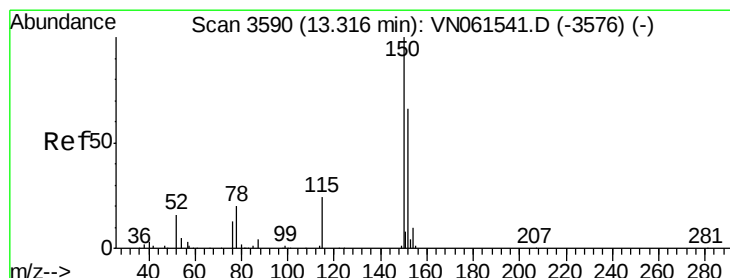
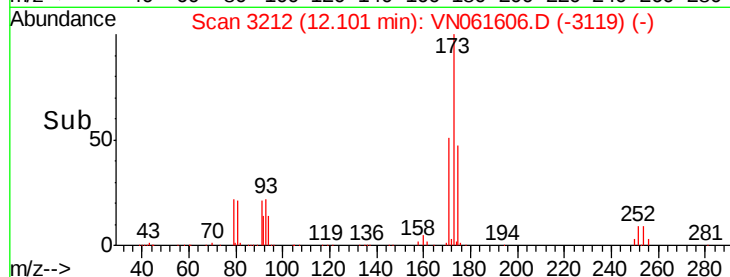
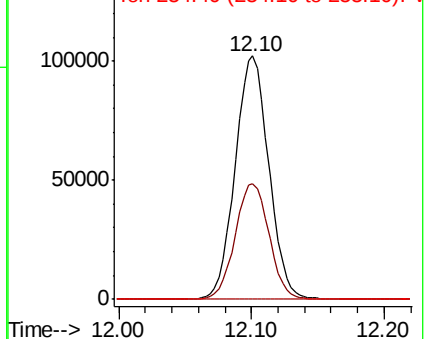
173 100

175 48.0 24.4 73.2

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: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

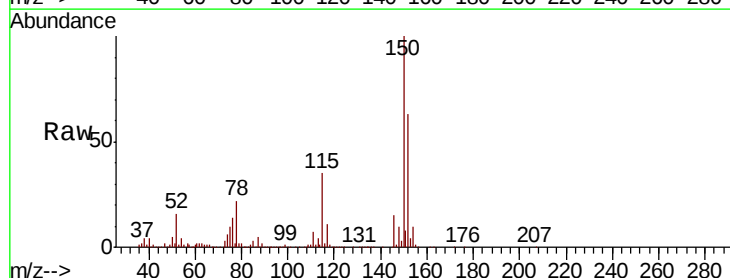
Tgt Ion:152 Resp: 317088

Ion Ratio Lower Upper

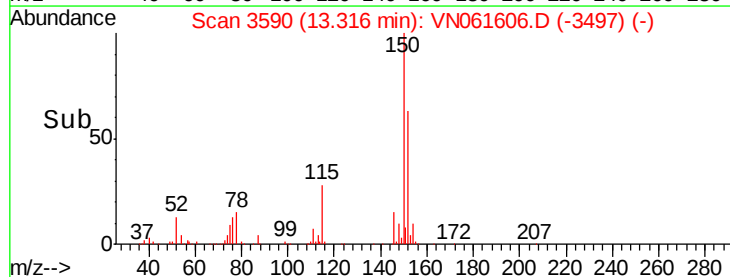
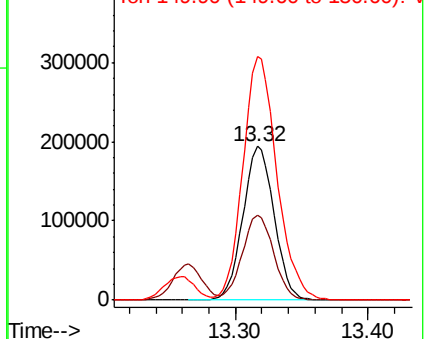
152 100

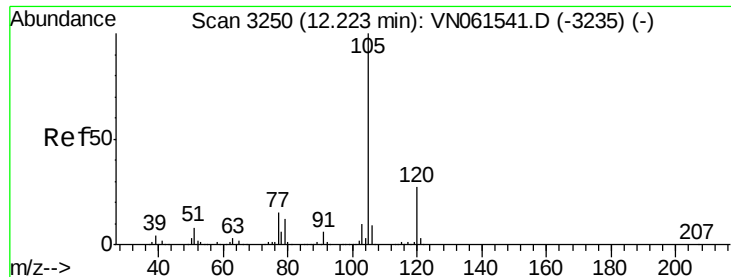
115 55.0 28.0 84.0

150 171.9 0.0 344.0



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: 45.737 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

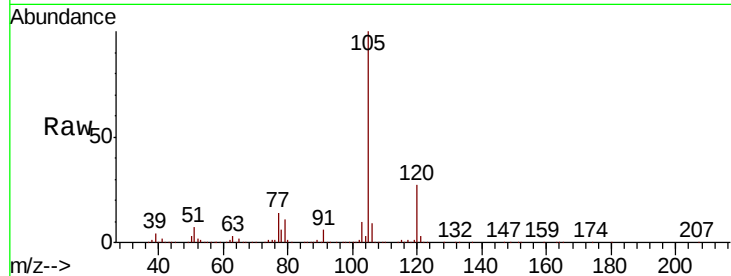
VSTDCCC050EC

Tot Ion:105 Resp: 1058495

Ion Ratio Lower Upper

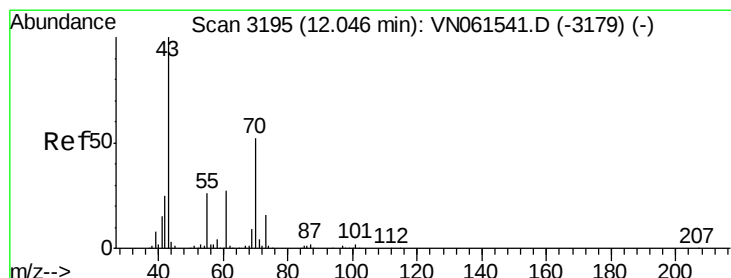
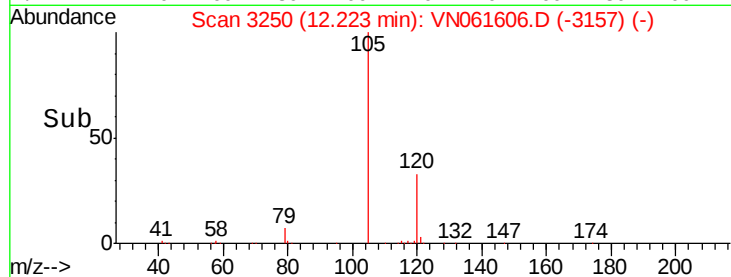
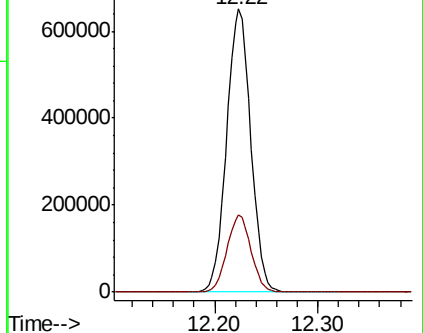
105 100

120 27.3 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.004 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Tgt Ion: 43 Resp: 320716

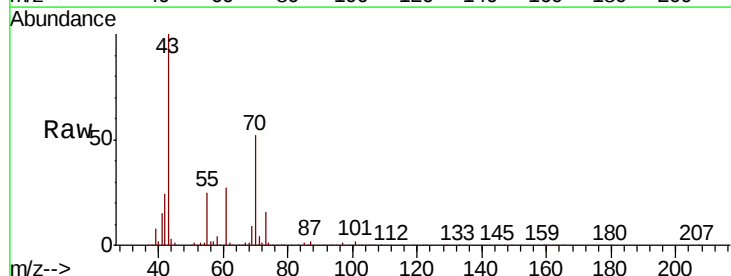
Ion Ratio Lower Upper

43 100

70 51.4 40.5 60.7

55 25.2 20.6 31.0

61 27.9 21.8 32.6

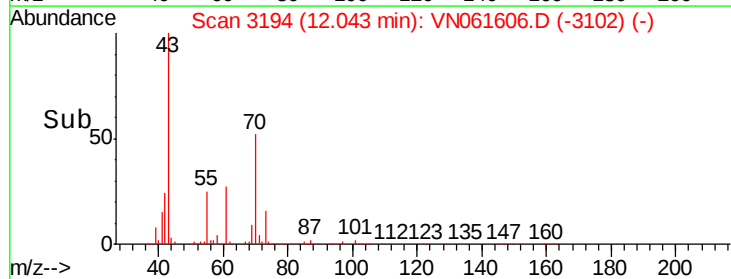
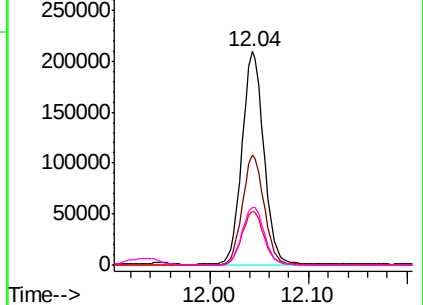


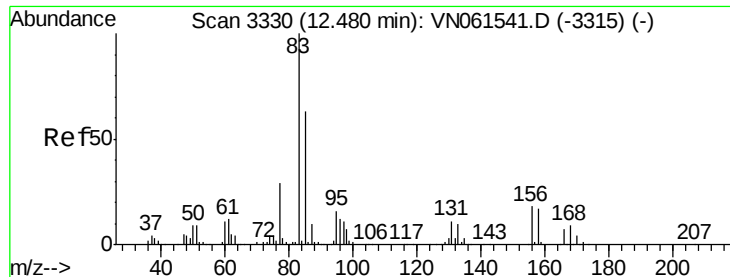
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 41.247 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

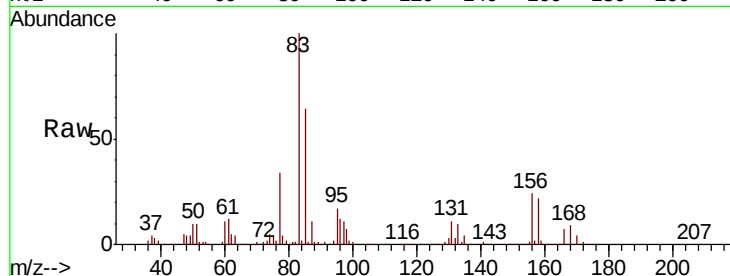
Tot Ion: 83 Resp: 267505

Ion Ratio Lower Upper

83 100

131 12.0 5.5 16.5

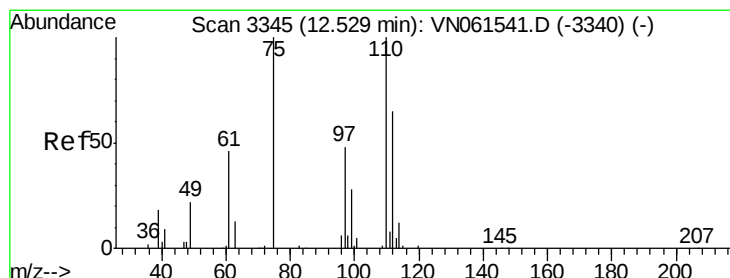
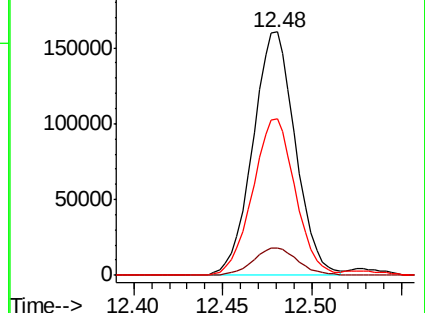
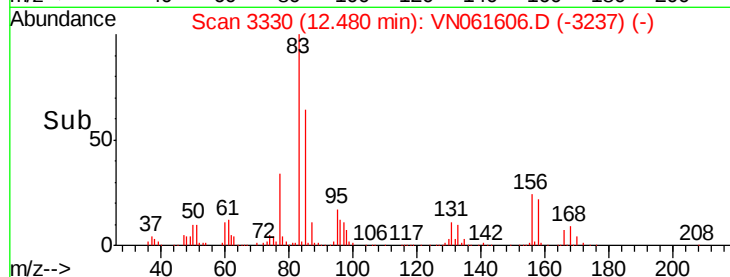
85 64.3 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN061606.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN061606.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN061606.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 60.605 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061606.D

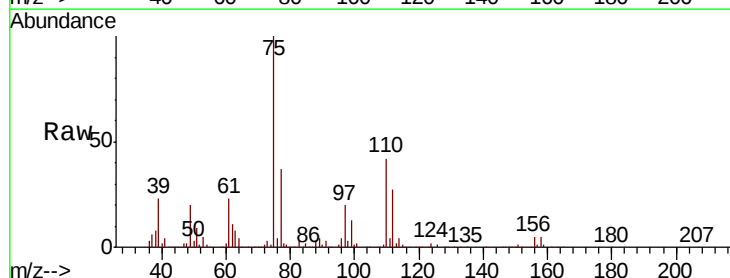
Acq: 1 Jun 2020 19:39

Tgt Ion: 75 Resp: 349442

Ion Ratio Lower Upper

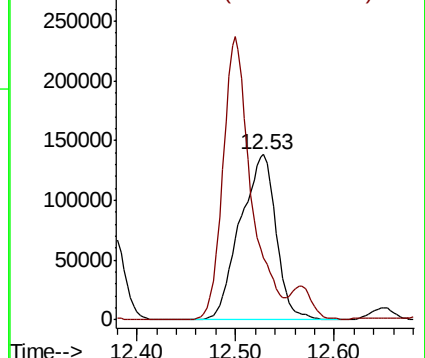
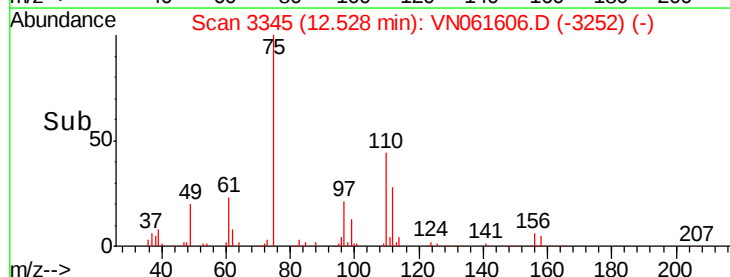
75 100

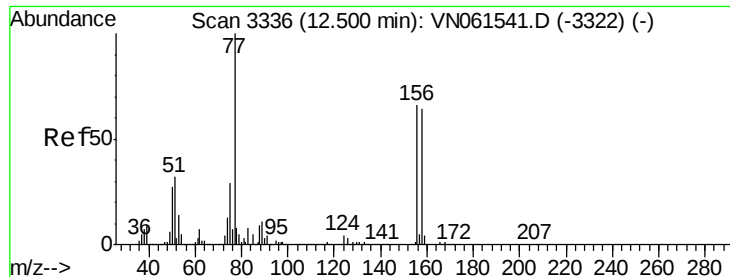
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061606.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061606.D (-3252) (-)





#77

Bromobenzene

Concen: 47.788 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

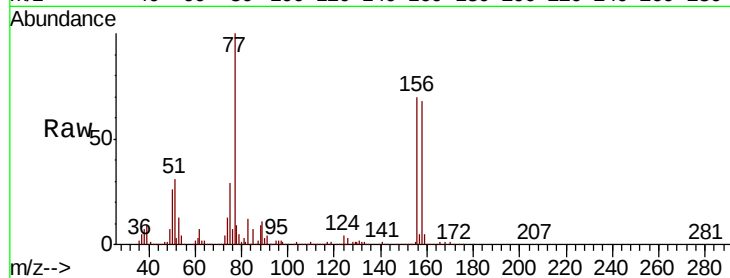
Tot Ion:156 Resp: 282306

Ion Ratio Lower Upper

156 100

77 168.2 90.9 272.7

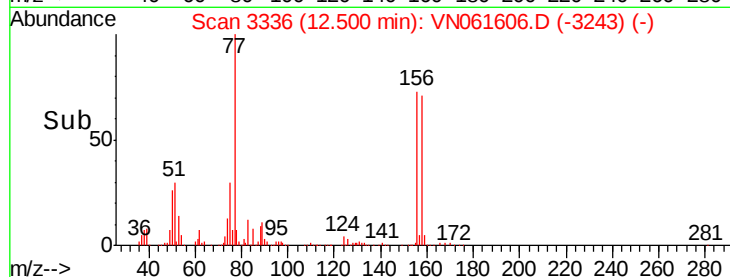
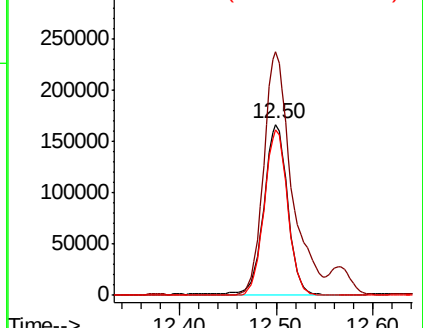
158 95.8 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.280 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061606.D

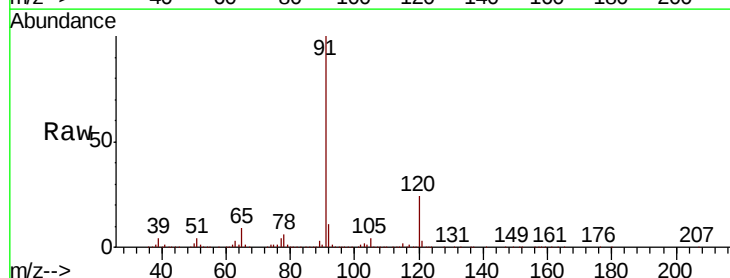
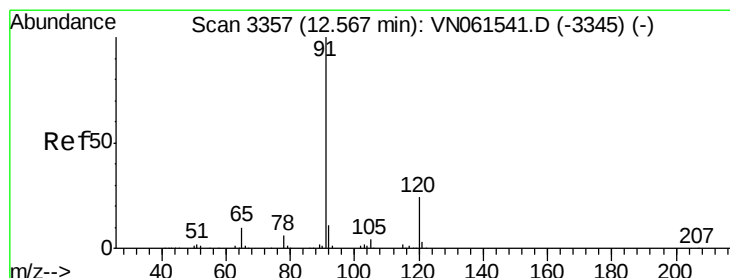
Acq: 1 Jun 2020 19:39

Tgt Ion: 91 Resp: 1169889

Ion Ratio Lower Upper

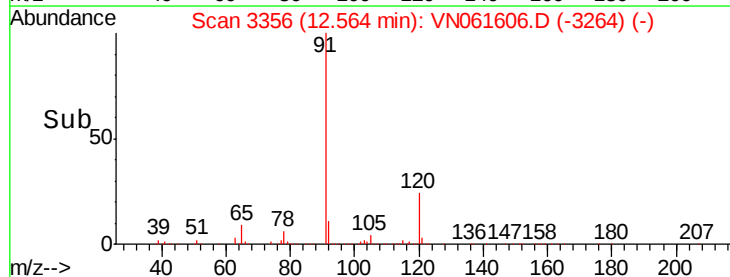
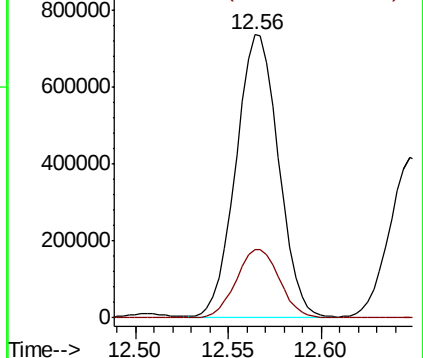
91 100

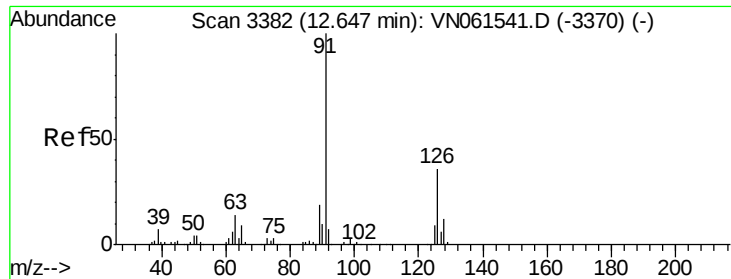
120 24.8 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V

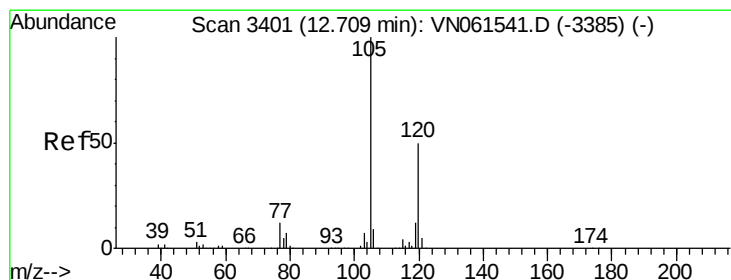
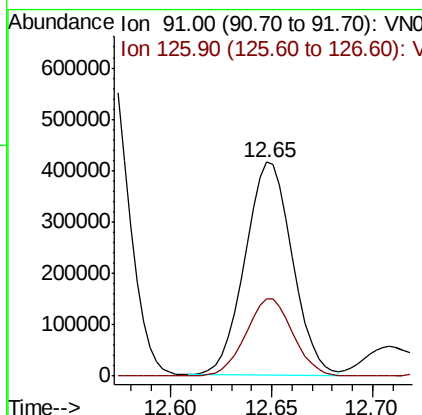
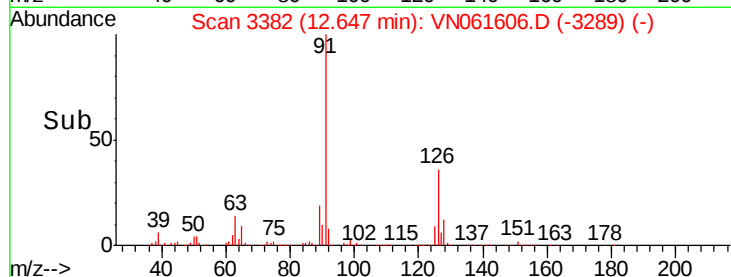
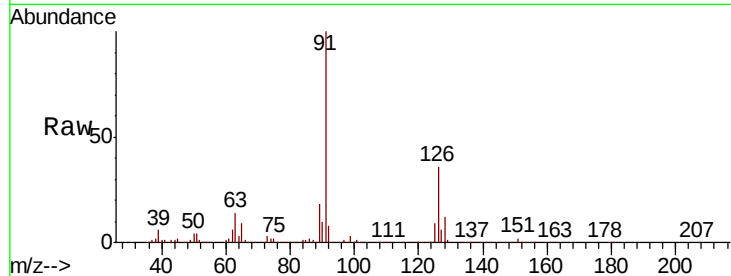




#79
 2-Chlorotoluene
 Concen: 44.272 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

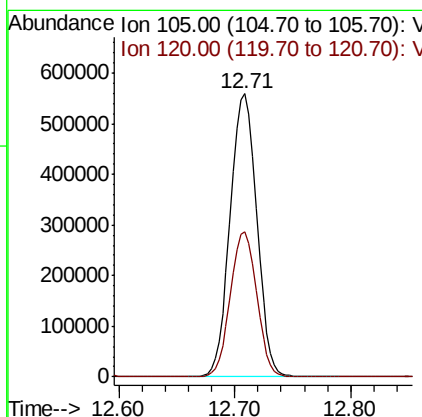
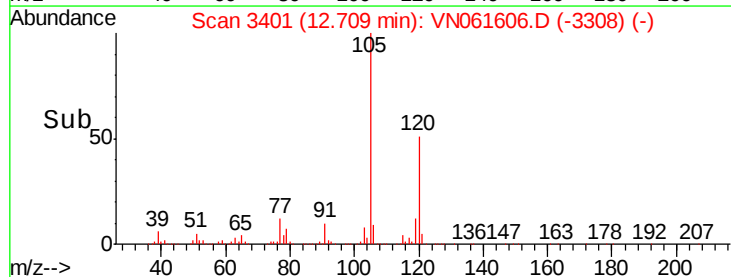
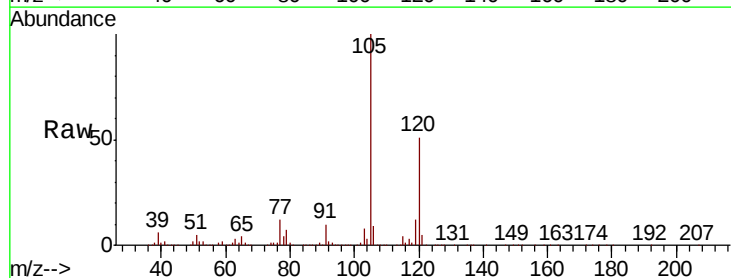
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

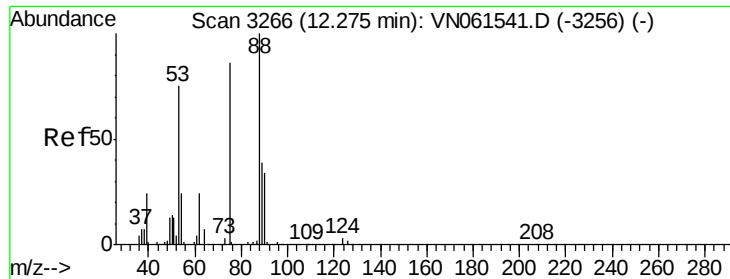
Tot Ion: 91 Resp: 682045
 Ion Ratio Lower Upper
 91 100
 126 36.4 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 46.005 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

Tgt Ion: 105 Resp: 889891
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.1 75.2

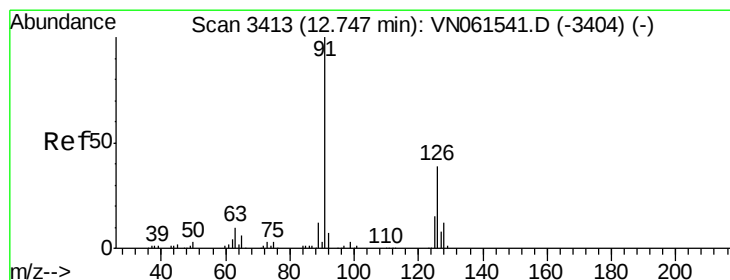
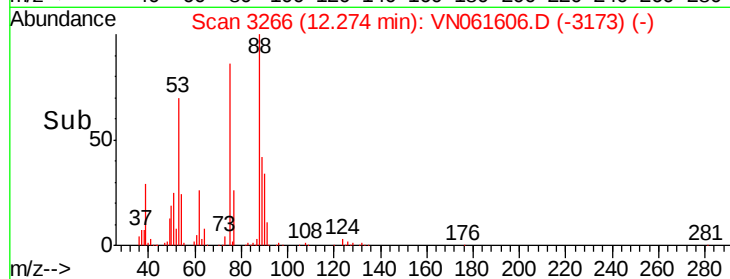
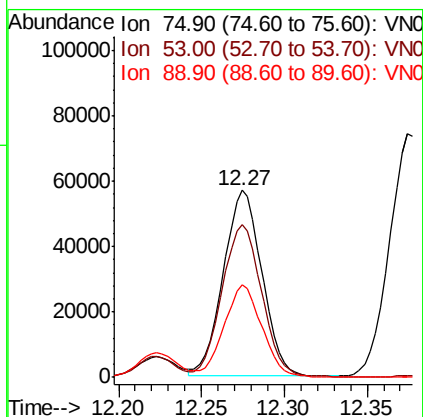
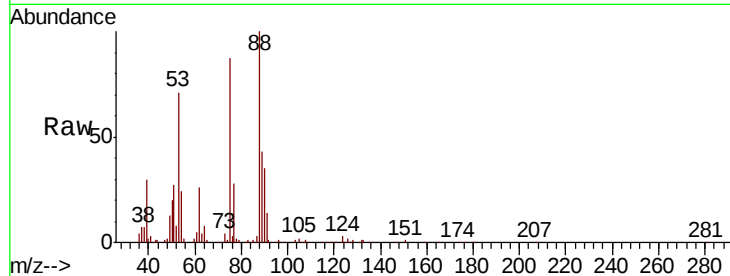




#81
trans-1,4-Dichloro-2-butene
Concen: 40.822 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

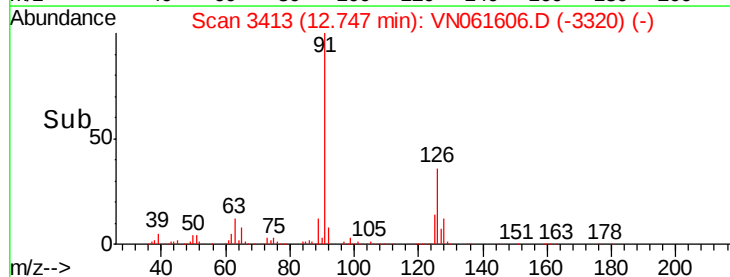
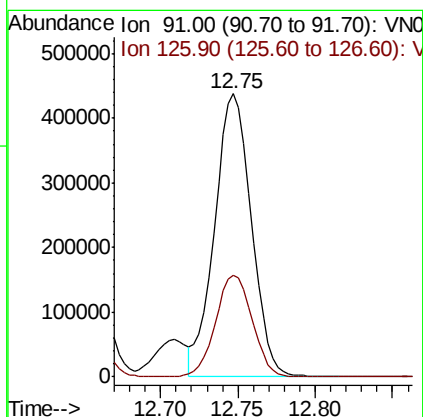
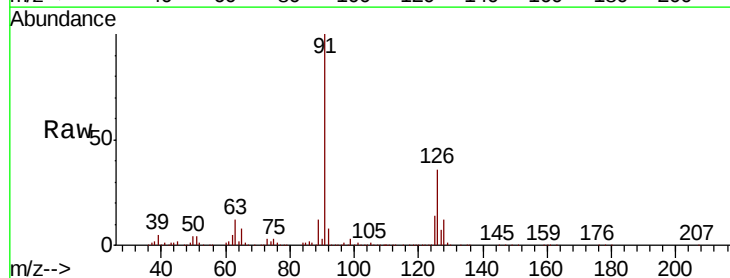
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

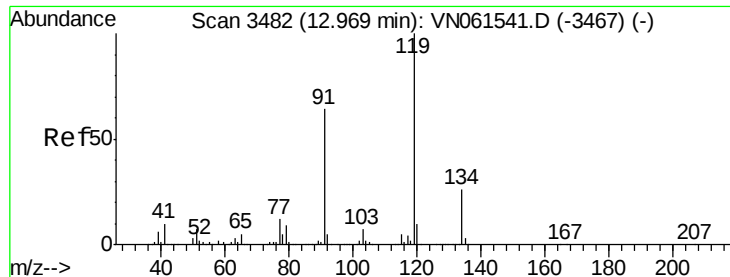
Tot Ion: 75 Resp: 92041
Ion Ratio Lower Upper
75 100
53 84.5 67.8 101.8
89 49.1 37.1 55.7



#82
4-Chlorotoluene
Concen: 44.323 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion: 91 Resp: 718358
Ion Ratio Lower Upper
91 100
126 35.9 17.5 52.6

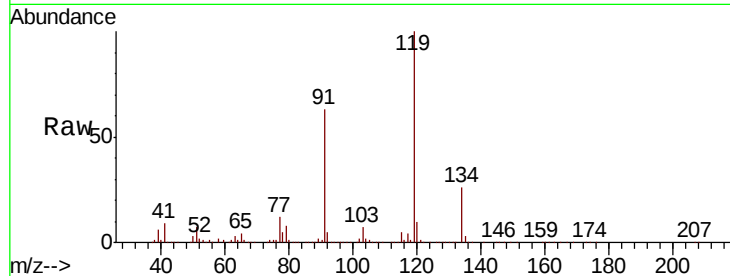




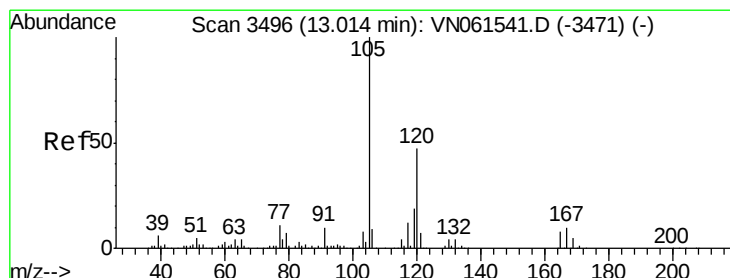
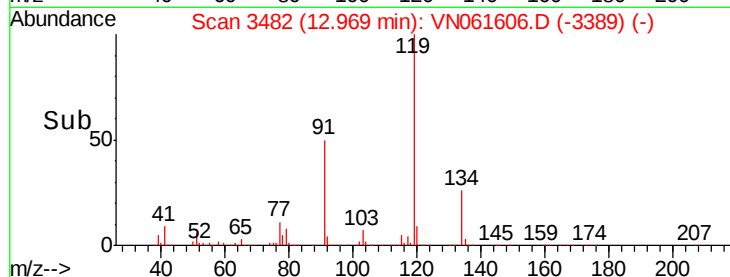
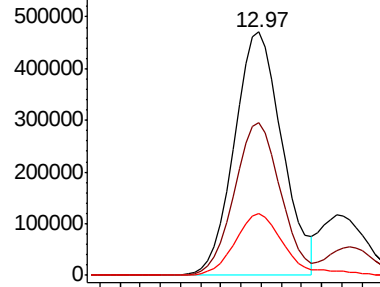
#83
tert-Butylbenzene
Concen: 45.421 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 776279
Ion Ratio Lower Upper
119 100
91 60.5 31.3 93.8
134 26.4 13.5 40.4

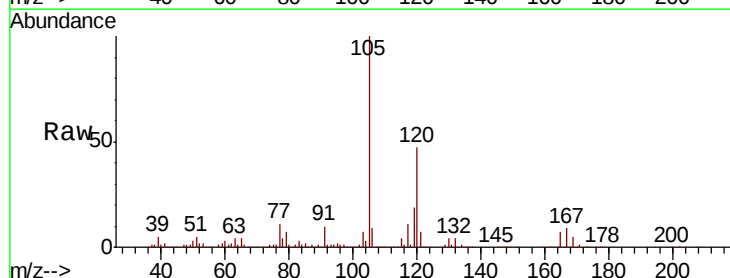


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

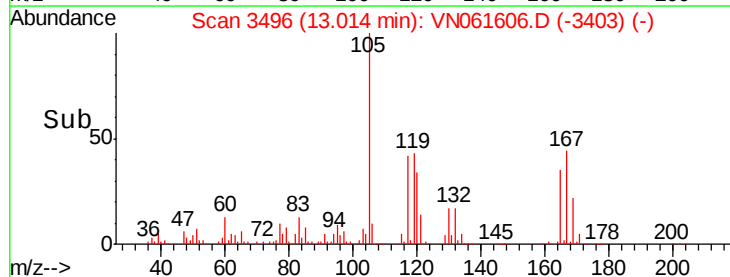
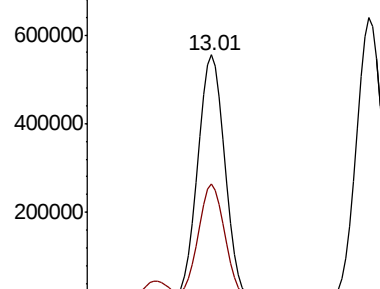


#84
1,2,4-Trimethylbenzene
Concen: 46.046 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion:105 Resp: 884836
Ion Ratio Lower Upper
105 100
120 47.4 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 45.525 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

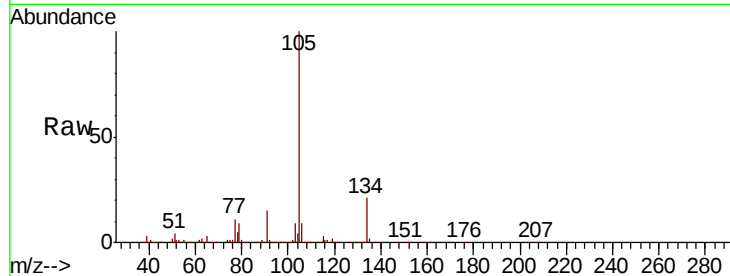
VSTDCCC050EC

Tot Ion:105 Resp: 1002605

Ion Ratio Lower Upper

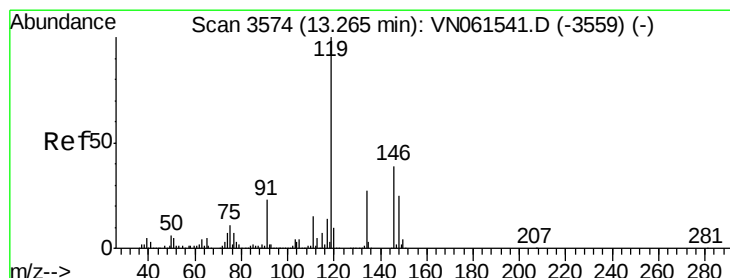
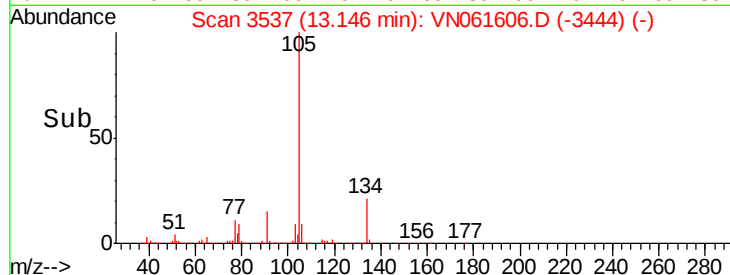
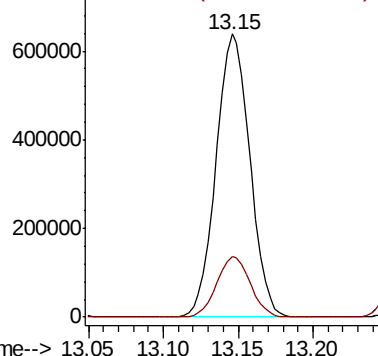
105 100

134 21.3 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.499 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

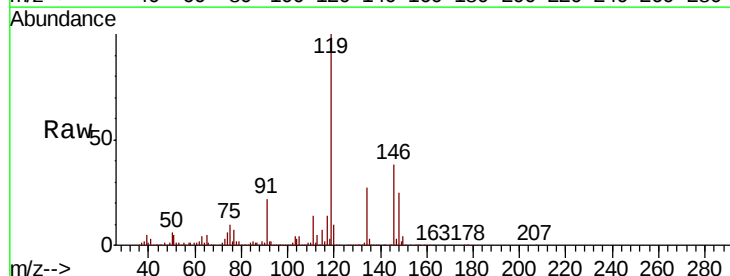
Tgt Ion:119 Resp: 943061

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

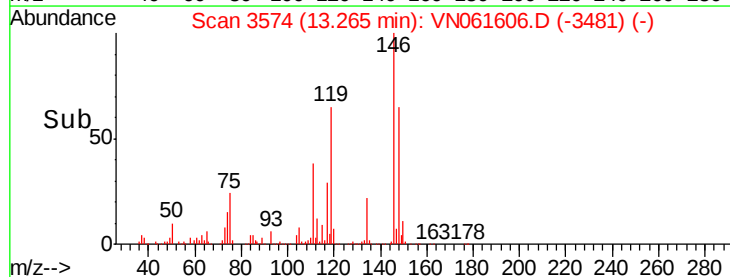
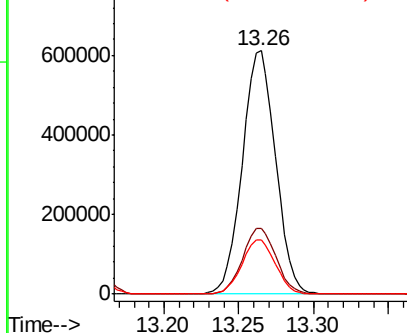
91 22.3 11.4 34.1

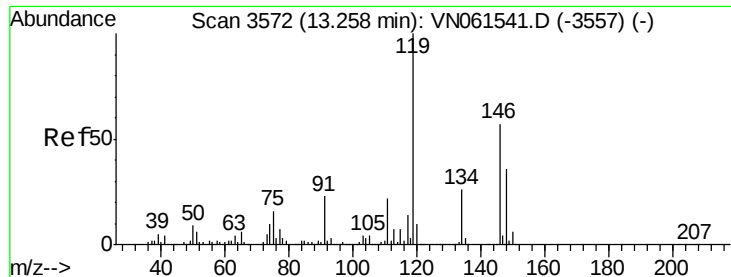


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

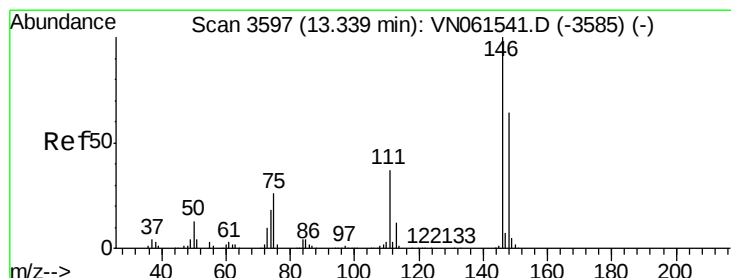
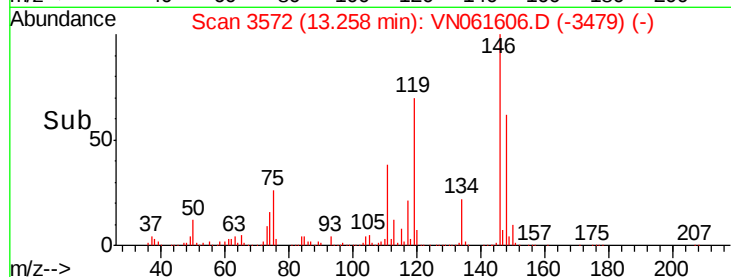
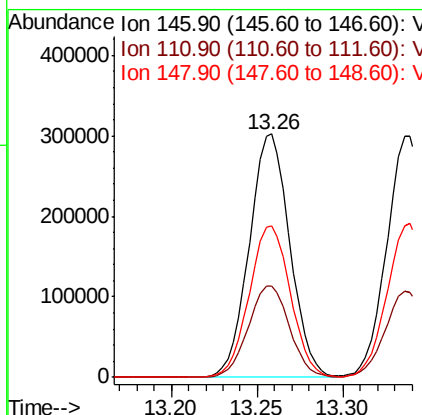
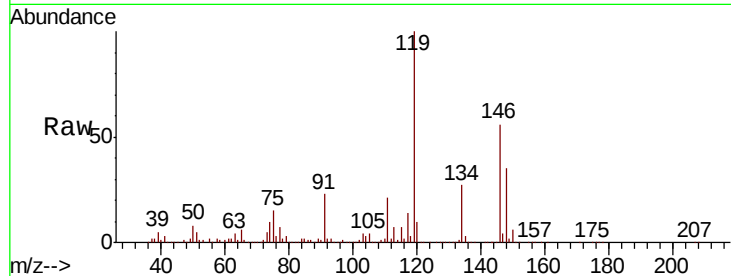




#87
 1,3-Dichlorobenzene
 Concen: 47.119 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

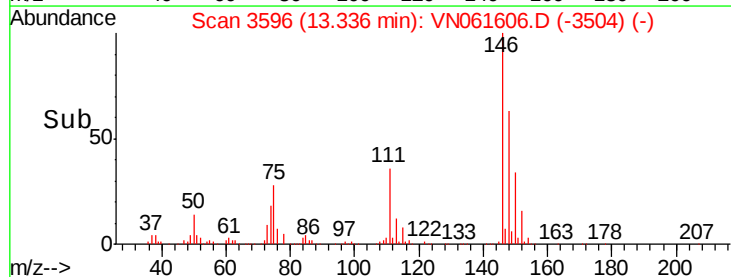
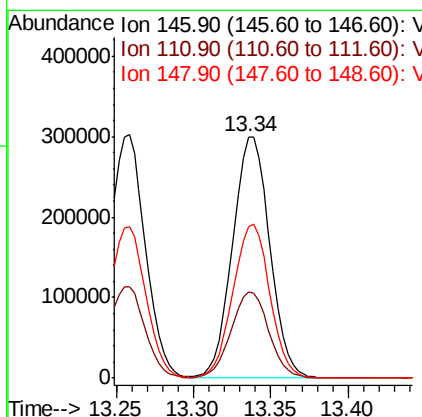
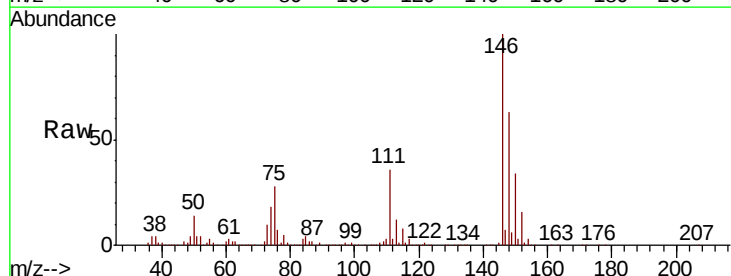
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

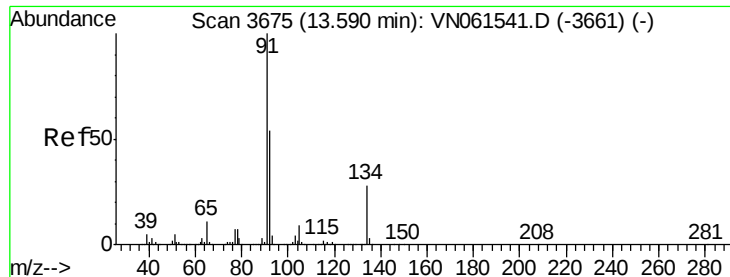
Tot Ion:146 Resp: 492916
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.2 57.6
 148 63.6 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 46.783 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

Tgt Ion:146 Resp: 498559
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.9 56.9
 148 63.5 31.8 95.3

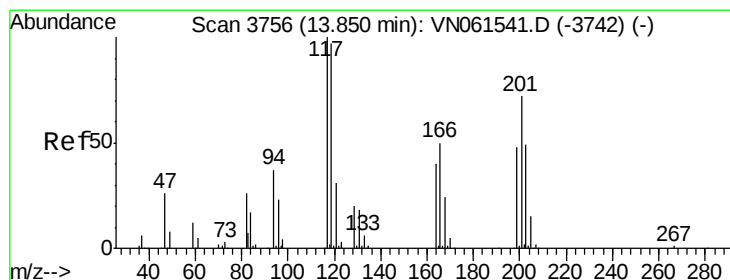
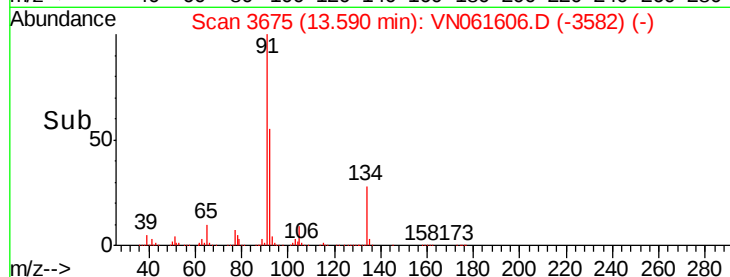
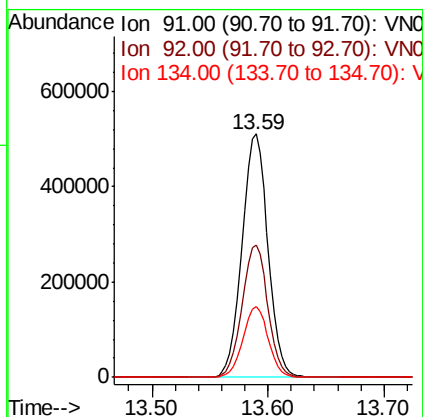
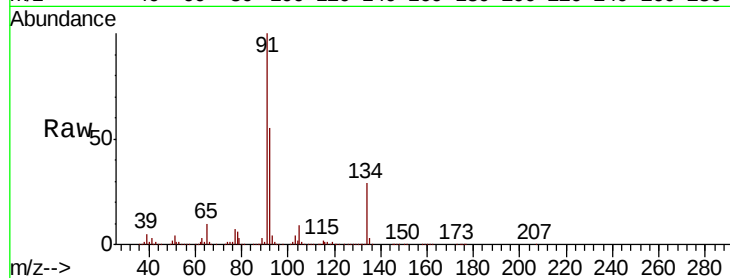




#89
n-Butylbenzene
Concen: 46.388 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

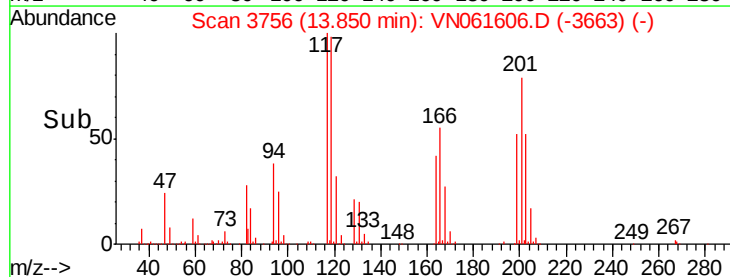
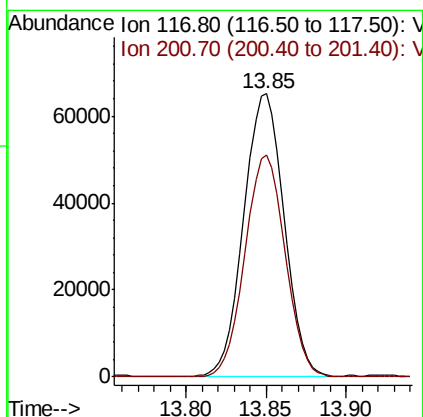
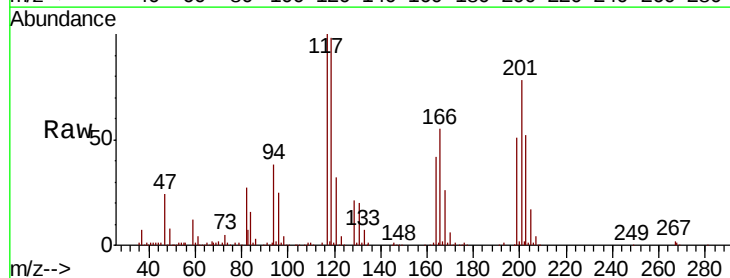
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 788010
Ion Ratio Lower Upper
91 100
92 54.3 27.2 81.6
134 28.5 14.0 42.0



#90
Hexachloroethane
Concen: 49.899 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061606.D
Acq: 1 Jun 2020 19:39

Tgt Ion: 117 Resp: 111921
Ion Ratio Lower Upper
117 100
201 78.2 36.7 110.1

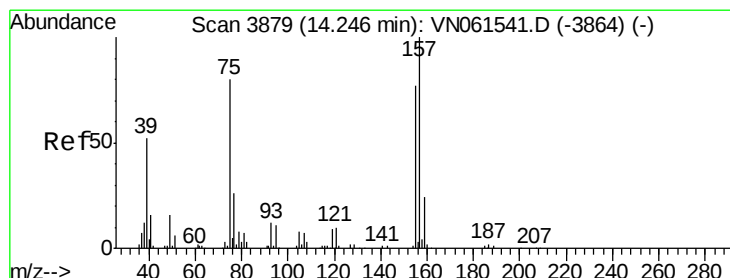
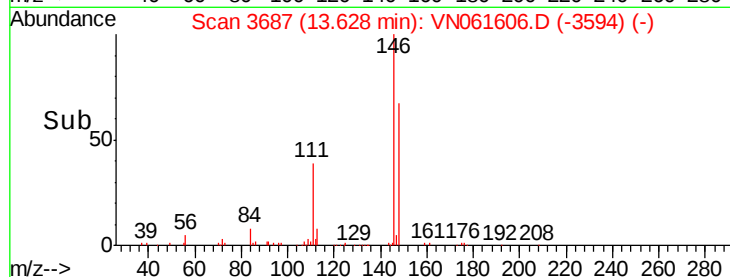
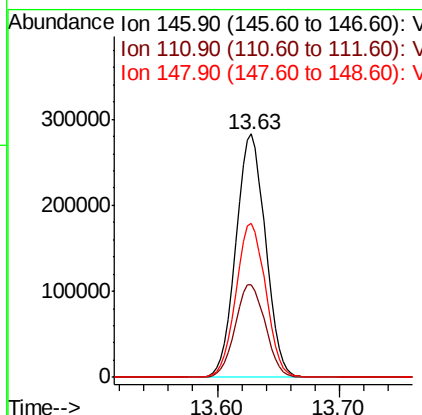
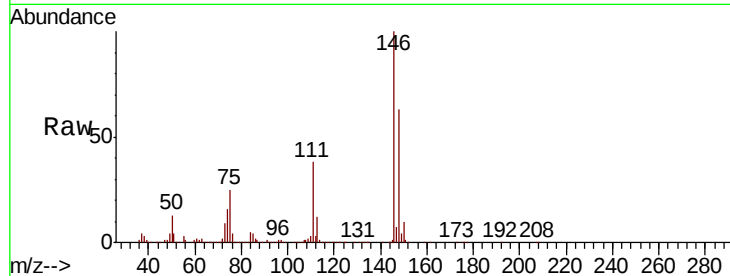




#91
 1,2-Dichlorobenzene
 Concen: 47.156 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

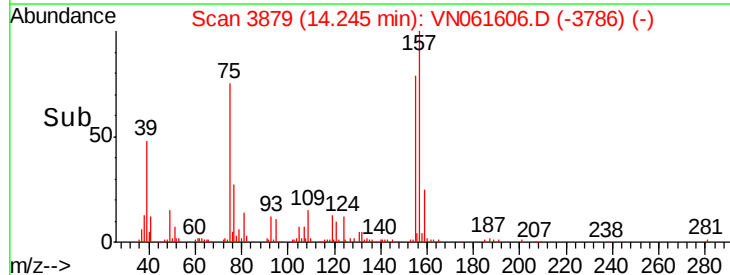
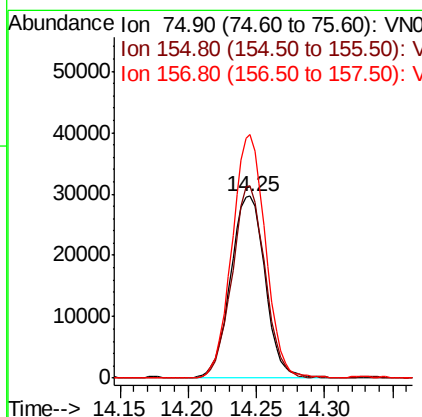
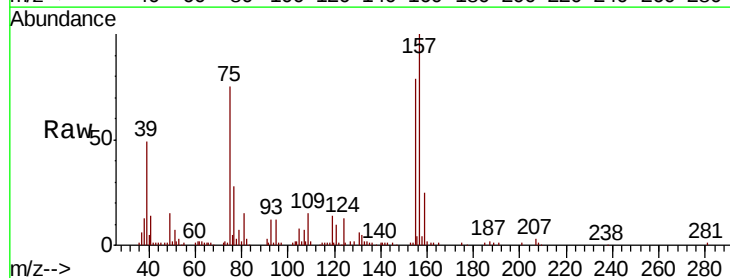
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.1	60.2
148	63.9	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 39.596 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.4	47.1	141.4
157	128.8	60.3	180.8

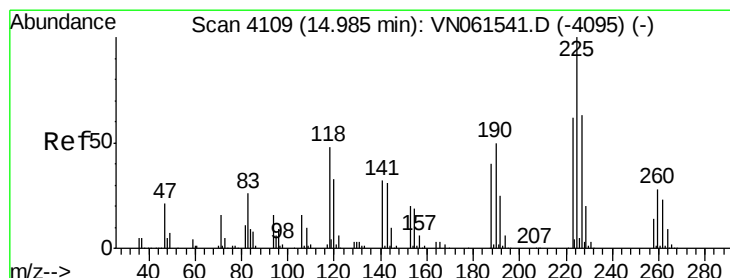
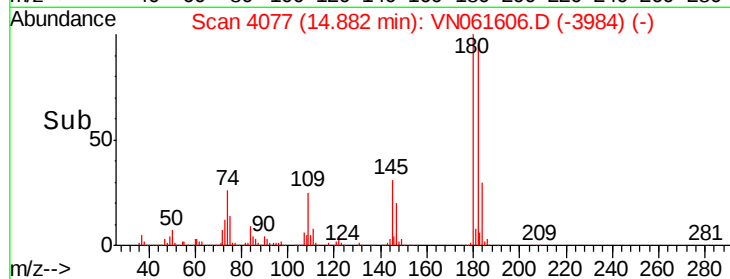
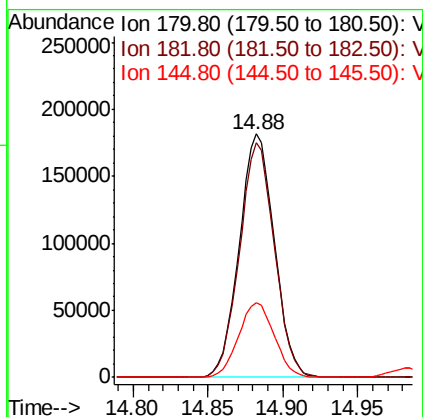
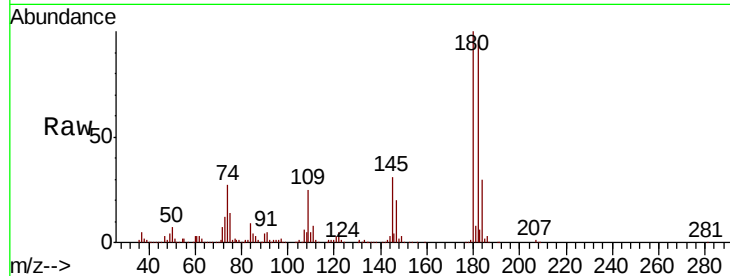




#93
 1,2,4-Trichlorobenzene
 Concen: 50.607 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

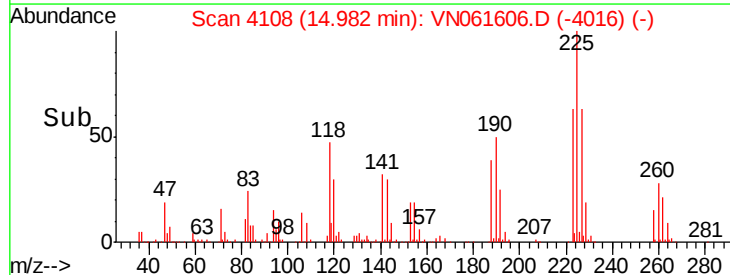
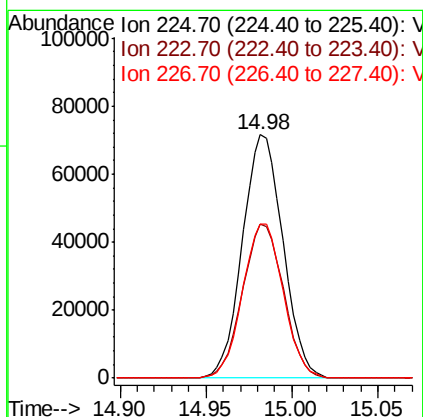
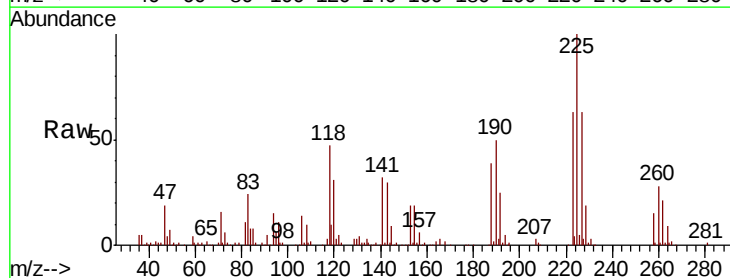
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 295886
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.8 143.3
 145 31.2 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 46.975 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061606.D
 Acq: 1 Jun 2020 19:39

Tgt Ion:225 Resp: 117135
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.9 95.5
 227 63.5 31.9 95.9





#95

Naphthalene

Concen: 48.472 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

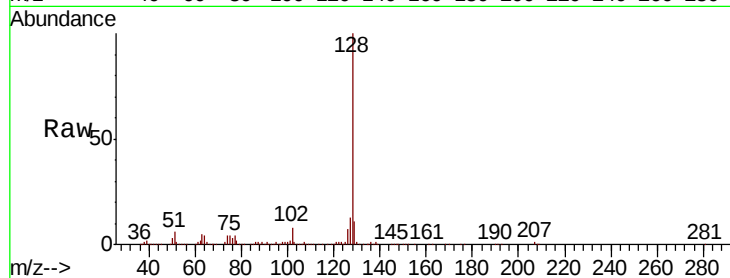
Tot Ion:128 Resp: 862605

Ion Ratio Lower Upper

128 100

127 12.5 10.0 15.0

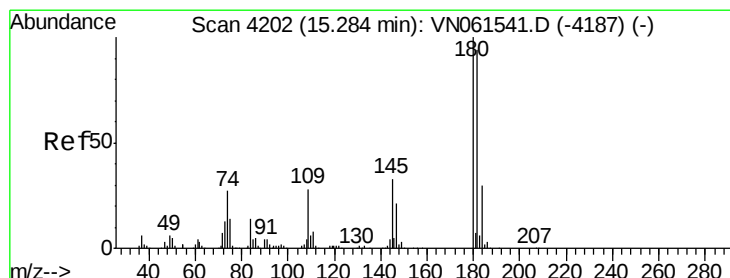
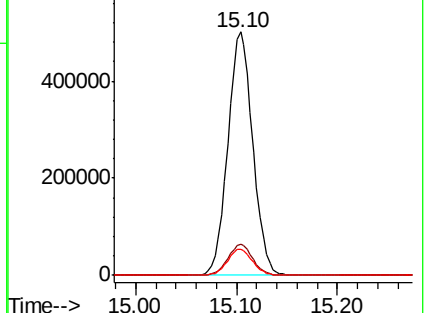
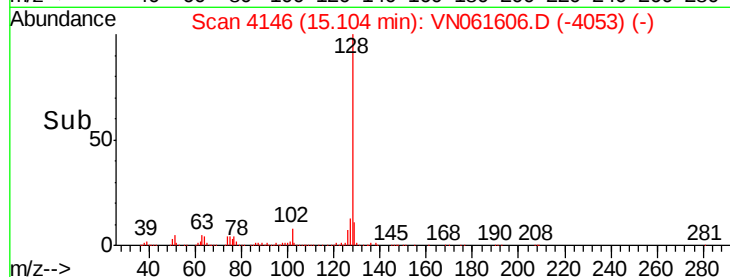
129 10.8 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.445 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN061606.D

Acq: 1 Jun 2020 19:39

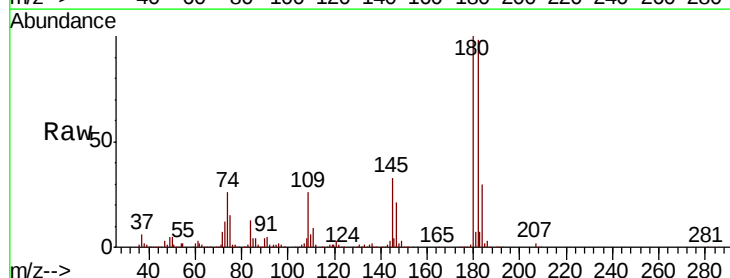
Tgt Ion:180 Resp: 284234

Ion Ratio Lower Upper

180 100

182 95.6 47.1 141.3

145 33.1 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

