

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041420\
 Data File : VN060948.D
 Acq On : 14 Apr 2020 20:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 15 07:50:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	141812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	244631	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	223582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	107861	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	98616	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
35) Dibromofluoromethane	7.56	113	74583	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	10.08	98	293965	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
62) 4-Bromofluorobenzene	12.40	95	110851	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	54306	39.577	ug/l	100
3) Chloromethane	2.04	50	102057	39.823	ug/l	99
4) Vinyl Chloride	2.17	62	81627	40.723	ug/l	98
5) Bromomethane	2.54	94	41113	47.513	ug/l	99
6) Chloroethane	2.68	64	52366	45.352	ug/l	99
7) Trichlorofluoromethane	3.00	101	110994	44.951	ug/l	96
8) Diethyl Ether	3.38	74	48765	49.162	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	66435	46.433	ug/l	100
10) Methyl Iodide	3.93	142	51766	40.660	ug/l	98
11) Tert butyl alcohol	4.72	59	71645	250.239	ug/l #	88
12) 1,1-Dichloroethene	3.72	96	68522	44.629	ug/l	98
13) Acrolein	3.57	56	93934	296.030	ug/l	100
14) Allyl chloride	4.29	41	126638	46.896	ug/l	98
15) Acrylonitrile	4.94	53	222035	263.728	ug/l	99
16) Acetone	3.78	43	177148	256.892	ug/l	100
17) Carbon Disulfide	4.03	76	180825	38.724	ug/l	100
18) Methyl Acetate	4.28	43	106554	54.897	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	255632	48.426	ug/l	98
20) Methylene Chloride	4.52	84	78890	46.506	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	72680	44.415	ug/l	93
22) Diisopropyl ether	5.91	45	296386	51.951	ug/l	97
23) Vinyl Acetate	5.86	43	1215262	261.071	ug/l	98
24) 1,1-Dichloroethane	5.81	63	153799	49.451	ug/l	99
25) 2-Butanone	6.79	43	293602	263.117	ug/l	98
26) 2,2-Dichloropropane	6.79	77	114923	46.964	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	87048	46.811	ug/l	97
28) Bromochloromethane	7.17	49	79818	53.640	ug/l	96
29) Tetrahydrofuran	7.17	42	201628	255.382	ug/l	98
30) Chloroform	7.34	83	144783	48.559	ug/l	100
31) Cyclohexane	7.63	56	136549	43.550	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	123504	48.050	ug/l	99
36) 1,1-Dichloropropene	7.77	75	108493	45.801	ug/l	100
37) Ethyl Acetate	6.89	43	126656	49.484	ug/l	99
38) Carbon Tetrachloride	7.75	117	96870	45.628	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	124922	44.377	ug/l	97
40) Benzene	8.02	78	328558	45.947	ug/l	100
41) Methacrylonitrile	7.17	41	180468	165.213	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	115254	47.162	ug/l	100
43) Isopropyl Acetate	8.14	43	212585	50.362	ug/l	99
44) Trichloroethene	8.82	130	81347	45.127	ug/l	98
45) 1,2-Dichloropropane	9.10	63	92576	49.063	ug/l	97
46) Dibromomethane	9.19	93	54642	47.901	ug/l	98
47) Bromodichloromethane	9.38	83	115665	48.795	ug/l	99
48) Methyl methacrylate	9.18	41	93561	49.783	ug/l	98
49) 1,4-Dioxane	9.18	88	22755	1018.641	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	628274	261.561	ug/l	99
52) Toluene	10.14	92	200291	46.379	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	133606	49.068	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	141948	47.520	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	80264	48.310	ug/l	99
56) Ethyl methacrylate	10.42	69	132657	51.208	ug/l	98
57) 1,3-Dichloropropane	10.70	76	140512	48.737	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	308945	239.952	ug/l	99
59) 2-Hexanone	10.74	43	458020	264.705	ug/l	98
60) Dibromochloromethane	10.89	129	85012	49.536	ug/l	100
61) 1,2-Dibromoethane	10.99	107	80582	48.234	ug/l	99
64) Tetrachloroethene	10.62	164	71775	40.795	ug/l	99
65) Chlorobenzene	11.42	112	205723	46.415	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	77254	48.140	ug/l	98
67) Ethyl Benzene	11.50	91	388601	47.146	ug/l	100
68) m/p-Xylenes	11.61	106	284719	92.955	ug/l	99
69) o-Xylene	11.94	106	136086	46.542	ug/l	98
70) Styrene	11.96	104	229883	48.071	ug/l	100
71) Bromoform	12.12	173	59899	45.080	ug/l #	99
73) Isopropylbenzene	12.24	105	370499	45.772	ug/l	100
74) N-amyl acetate	12.06	43	184993	49.458	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	119583	48.852	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	160801	69.090	ug/l #	100
77) Bromobenzene	12.52	156	86806	44.504	ug/l	96
78) n-propylbenzene	12.59	91	438234	45.825	ug/l	99
79) 2-Chlorotoluene	12.67	91	258468	45.234	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	311831	45.395	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	42162	46.526	ug/l	99
82) 4-Chlorotoluene	12.77	91	267875	46.030	ug/l	99
83) tert-Butylbenzene	12.99	119	262386	46.078	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	315460	46.420	ug/l	98
85) sec-Butylbenzene	13.17	105	356892	46.608	ug/l	100
86) p-Isopropyltoluene	13.28	119	319078	46.340	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	157759	45.859	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	159124	46.040	ug/l	98
89) n-Butylbenzene	13.61	91	296929	47.763	ug/l	99
90) Hexachloroethane	13.87	117	51132	51.087	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	152514	46.365	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	25168	49.083	ug/l	93

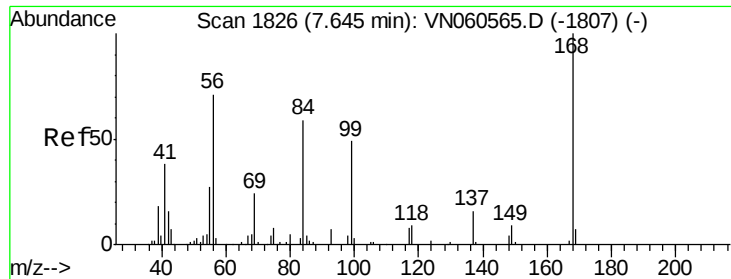
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	95768	47.410	ug/l	99
94) Hexachlorobutadiene	15.01	225	42847	43.269	ug/l	99
95) Naphthalene	15.13	128	286342	47.129	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	92196	46.337	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

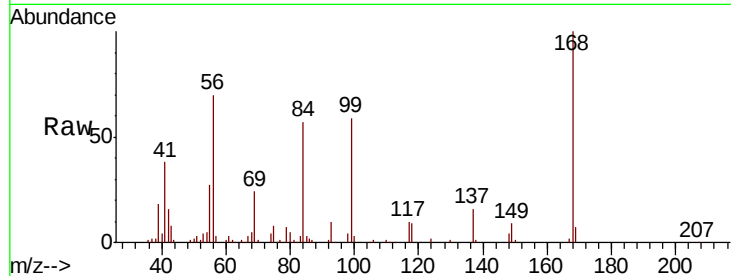
VSTDCCC050EC

Tot Ion:168 Resp: 141812

Ion Ratio Lower Upper

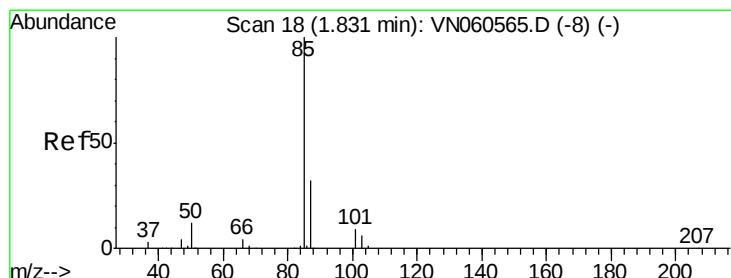
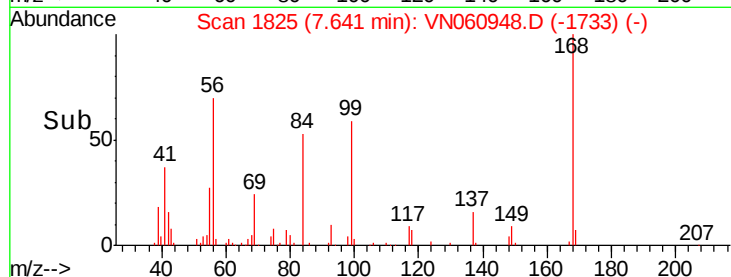
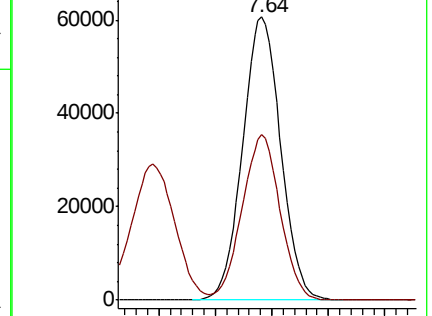
168 100

99 58.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 39.577 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060948.D

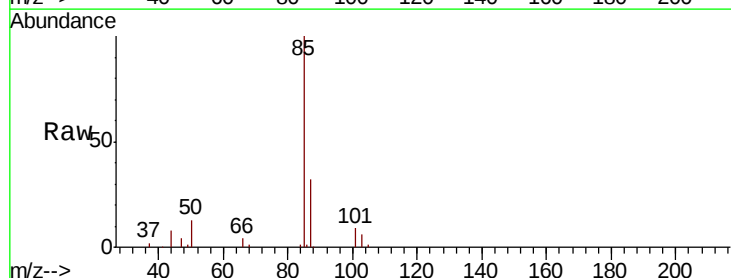
Acq: 14 Apr 2020 20:46

Tgt Ion: 85 Resp: 54306

Ion Ratio Lower Upper

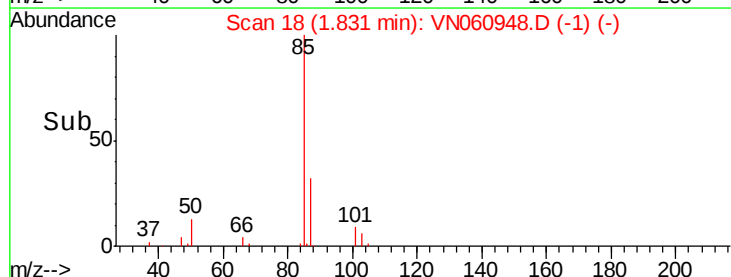
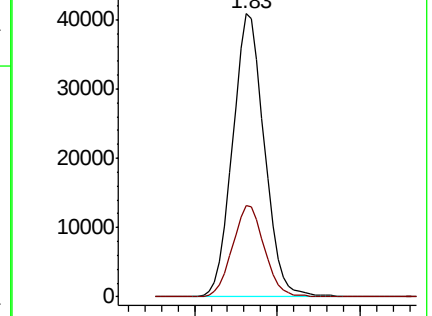
85 100

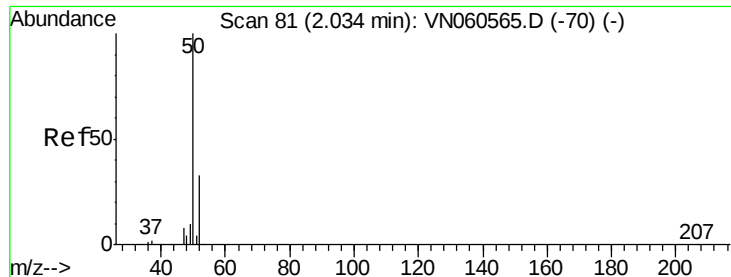
87 32.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 39.823 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

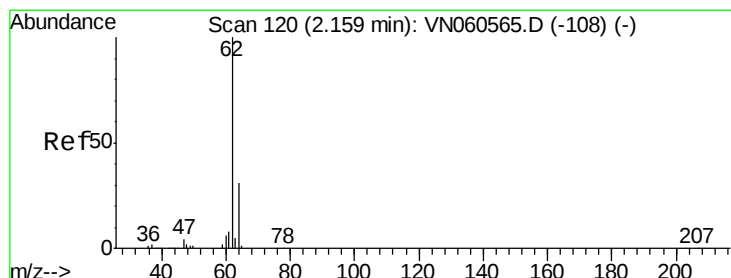
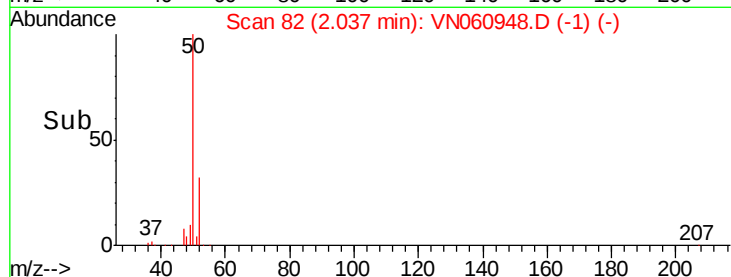
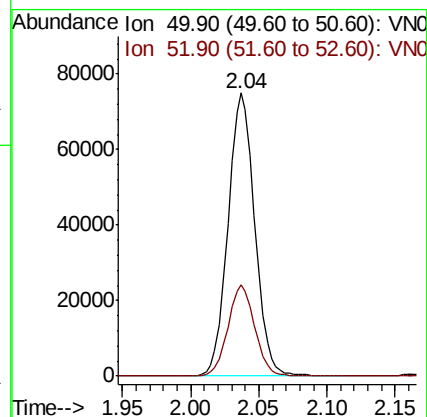
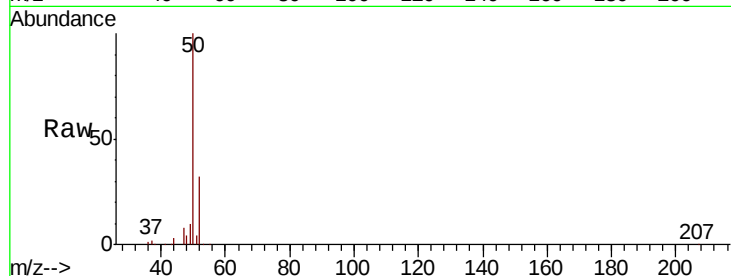
VSTDCCC050EC

Tot Ion: 50 Resp: 102057

Ion Ratio Lower Upper

50 100

52 32.2 26.2 39.2



#4

Vinyl Chloride

Concen: 40.723 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060948.D

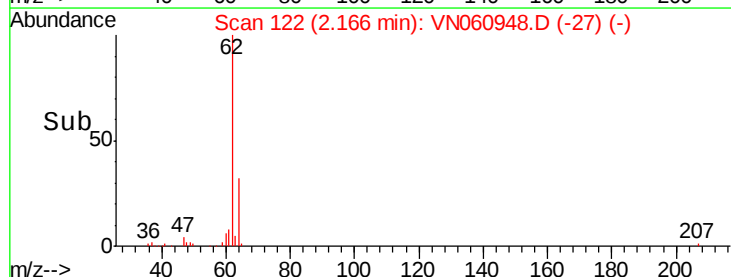
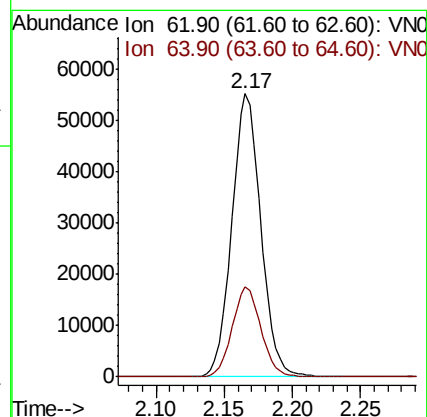
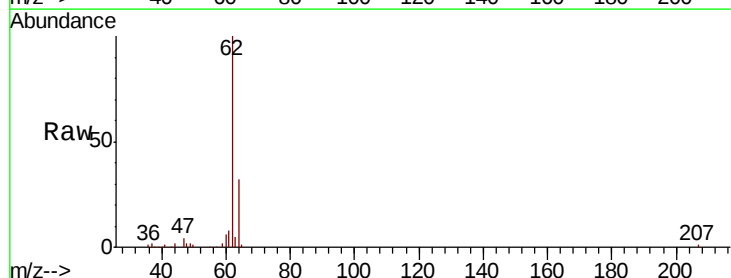
Acq: 14 Apr 2020 20:46

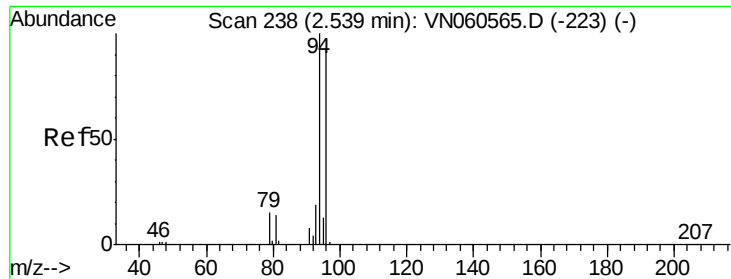
Tgt Ion: 62 Resp: 81627

Ion Ratio Lower Upper

62 100

64 31.8 24.7 37.1





#5

Bromomethane

Concen: 47.513 ug/l

RT: 2.54 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

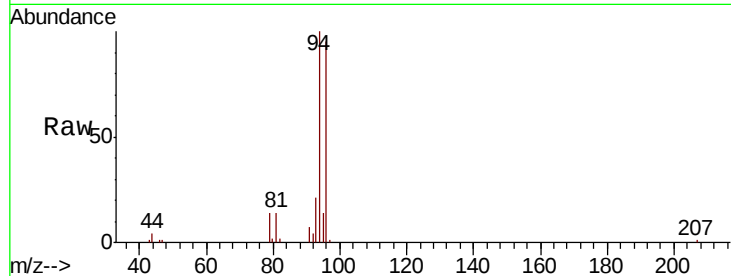
VSTDCCC050EC

Tot Ion: 94 Resp: 41113

Ion Ratio Lower Upper

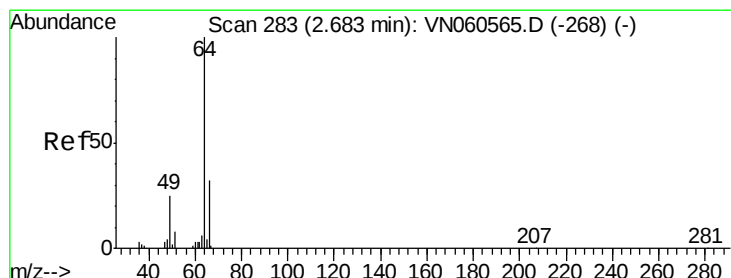
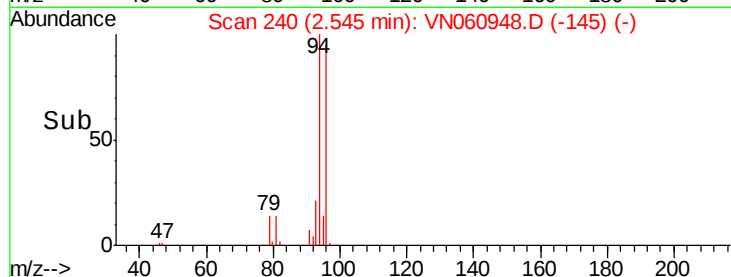
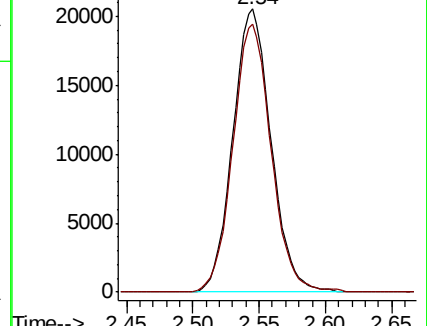
94 100

96 94.5 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN060948.D (-145) (-)

Ion 95.90 (95.60 to 96.60): VN060948.D (-145) (-)



#6

Chloroethane

Concen: 45.352 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN060948.D

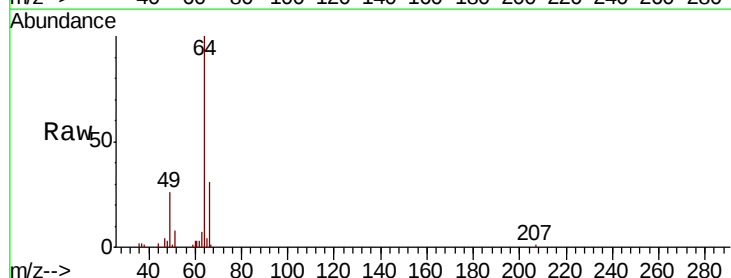
Acq: 14 Apr 2020 20:46

Tgt Ion: 64 Resp: 52366

Ion Ratio Lower Upper

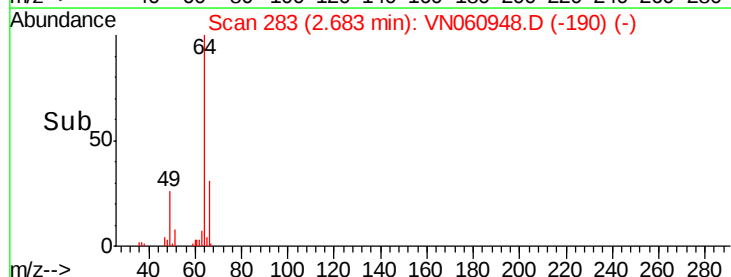
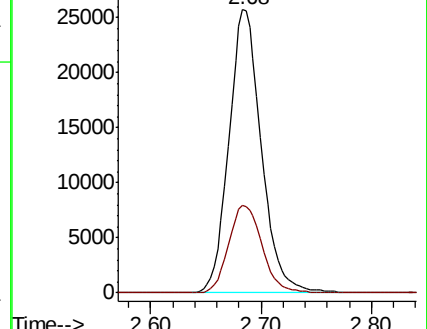
64 100

66 31.0 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN060948.D (-190) (-)

Ion 65.90 (65.60 to 66.60): VN060948.D (-190) (-)



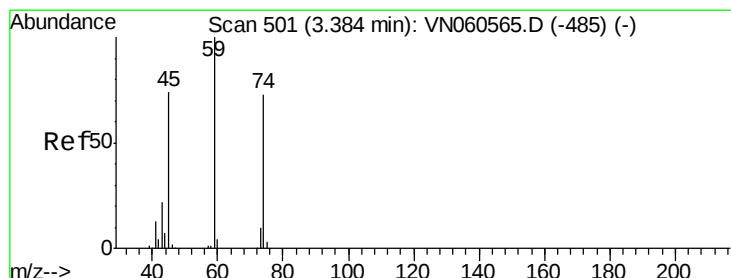
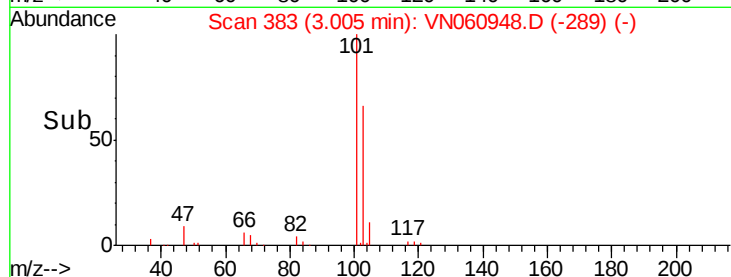
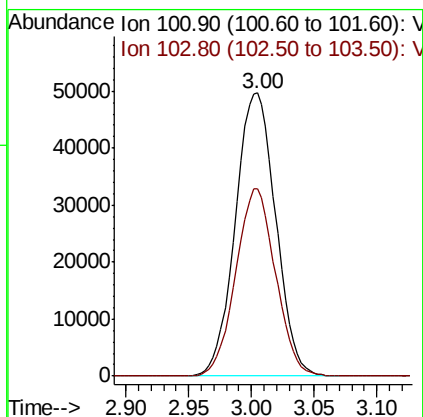
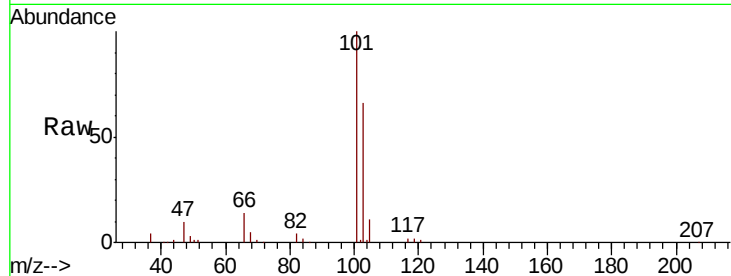


#7

Trichlorofluoromethane
Concen: 44.951 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

Instrument :
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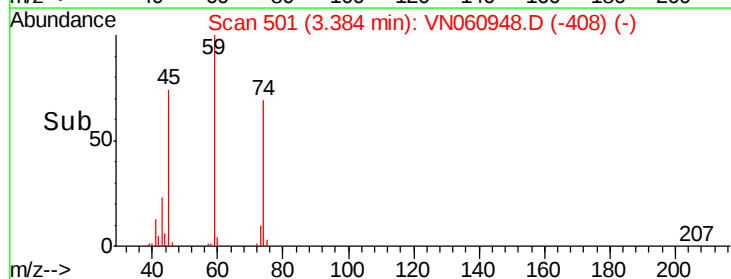
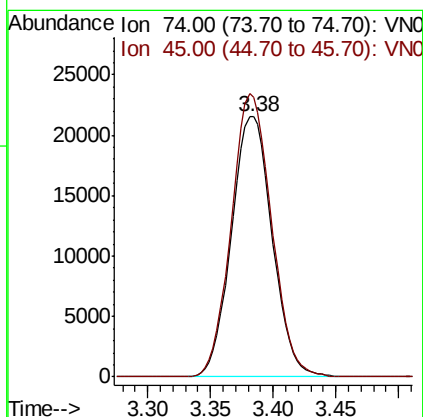
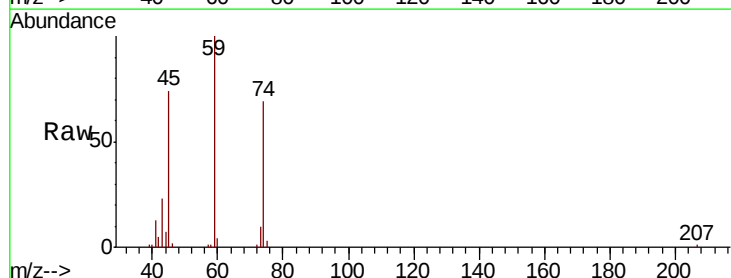
Tot Ion:101 Resp: 110994
Ion Ratio Lower Upper
101 100
103 66.4 50.6 76.0



#8

Diethyl Ether
Concen: 49.162 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

Tgt Ion: 74 Resp: 48765
Ion Ratio Lower Upper
74 100
45 107.3 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.433 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

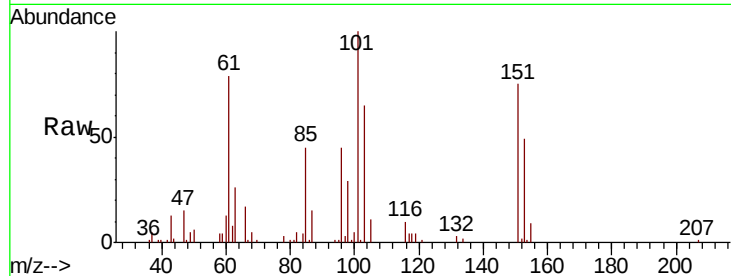
Tot Ion:101 Resp: 66435

Ion Ratio Lower Upper

101 100

85 44.7 35.6 53.4

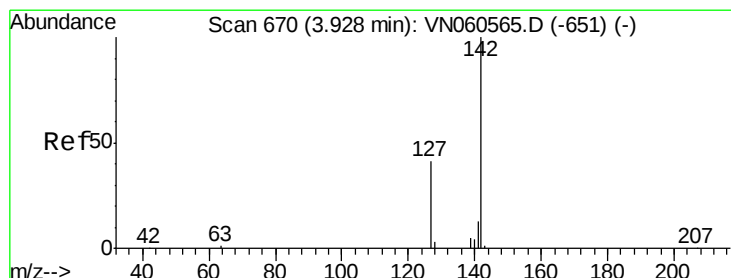
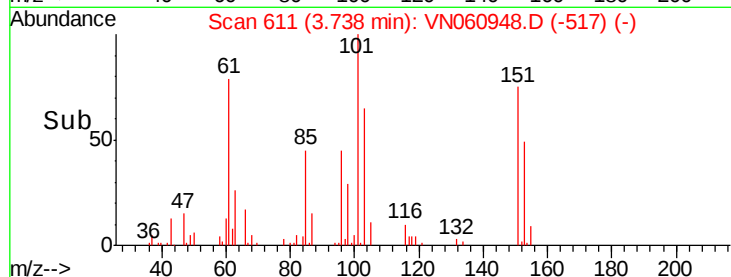
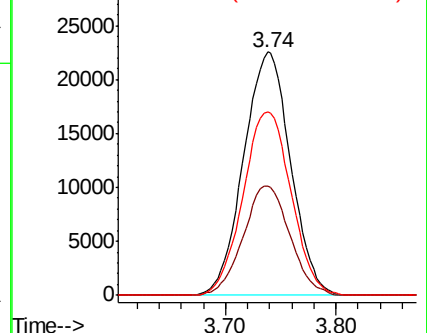
151 77.3 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.660 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

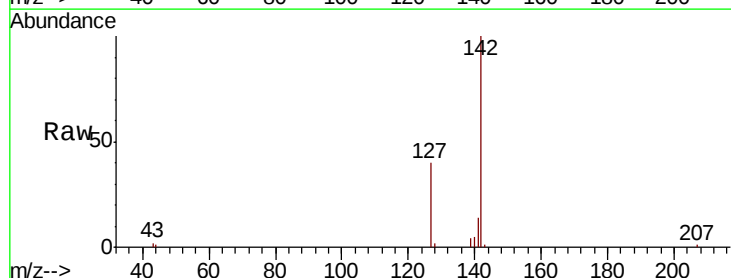
Tgt Ion:142 Resp: 51766

Ion Ratio Lower Upper

142 100

127 40.6 33.5 50.3

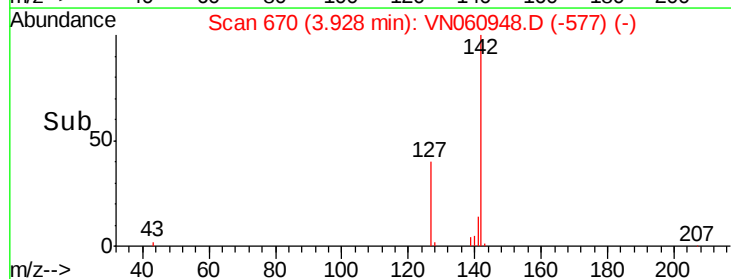
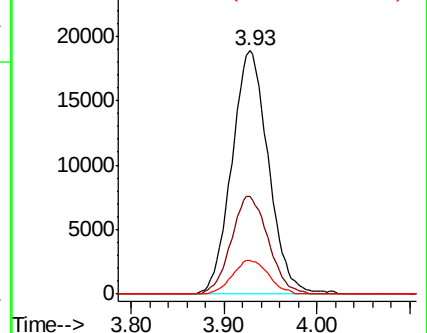
141 13.7 11.0 16.6

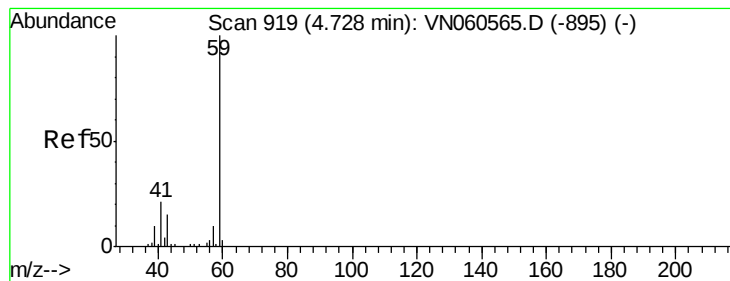


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



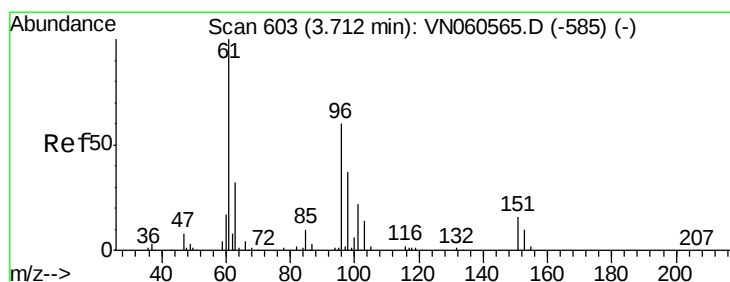
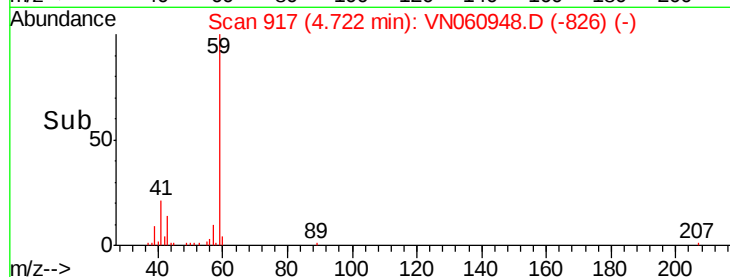
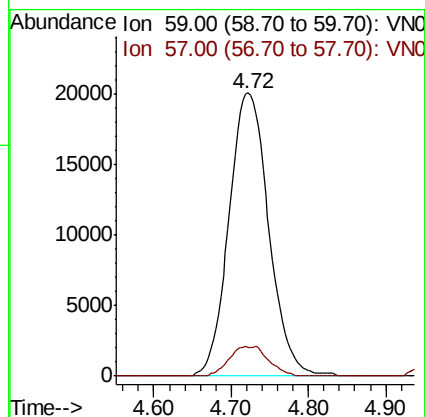
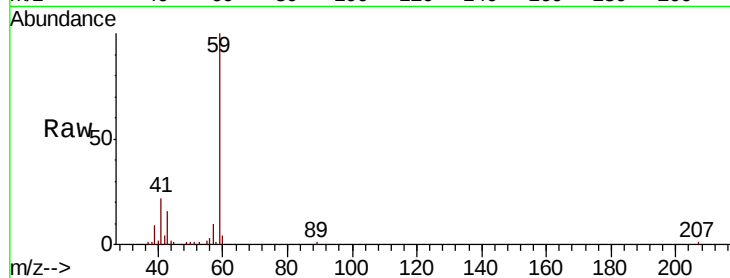


#11

Tert butyl alcohol
Concen: 250.239 ug/l
RT: 4.72 min Scan# 917
Delta R.T. -0.01 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

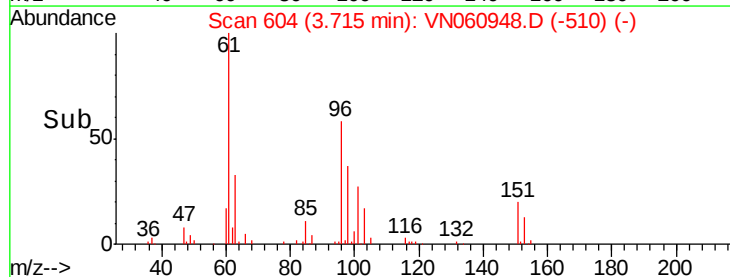
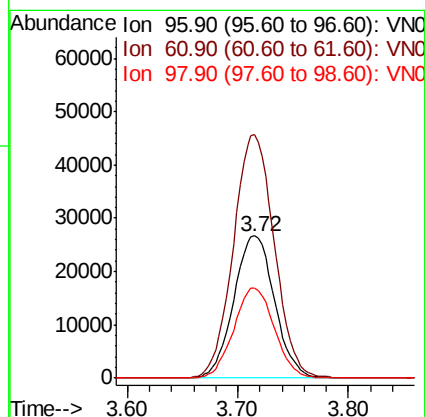
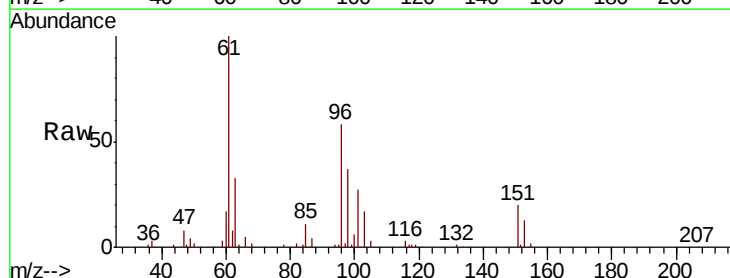
Tot Ion: 59 Resp: 71645
Ion Ratio Lower Upper
59 100
57 5.7 8.2 12.4#

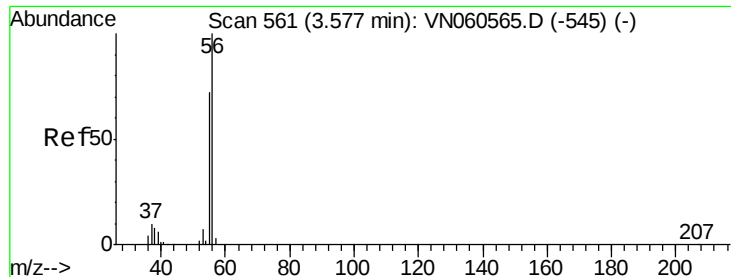


#12

1,1-Dichloroethene
Concen: 44.629 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

Tgt Ion: 96 Resp: 68522
Ion Ratio Lower Upper
96 100
61 171.1 134.1 201.1
98 63.4 49.9 74.9





#13

Acrolein

Concen: 296.030 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

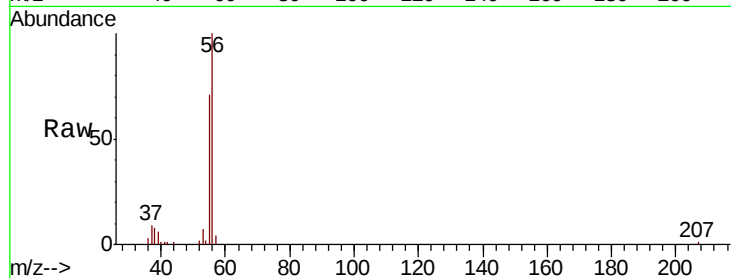
VSTDCCC050EC

Tot Ion: 56 Resp: 93934

Ion Ratio Lower Upper

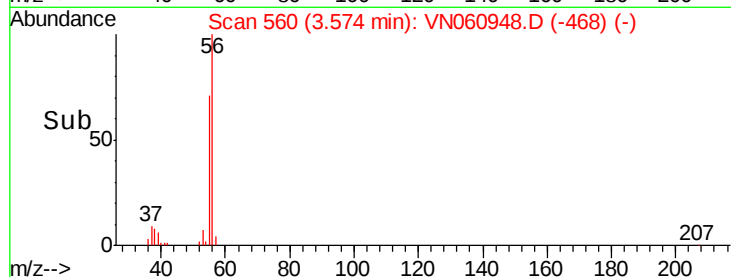
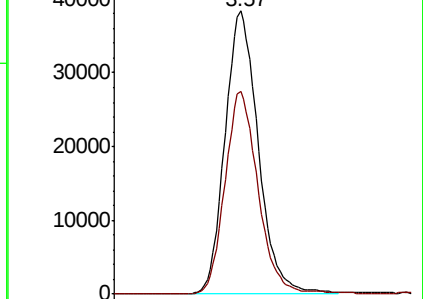
56 100

55 71.1 56.7 85.1

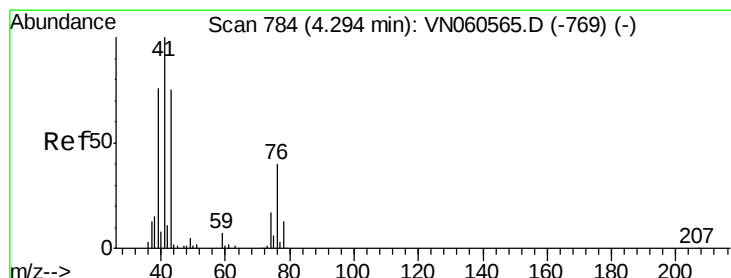


Abundance Ion 56.00 (55.70 to 56.70): VN060948.D (-468) (-)

Ion 55.00 (54.70 to 55.70): VN060948.D (-468) (-)



Time-->



#14

Allyl chloride

Concen: 46.896 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

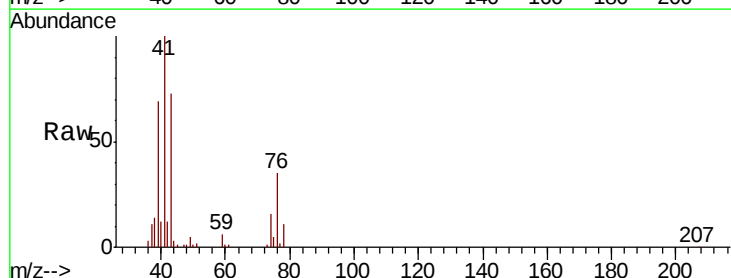
Tgt Ion: 41 Resp: 126638

Ion Ratio Lower Upper

41 100

39 71.5 57.8 86.8

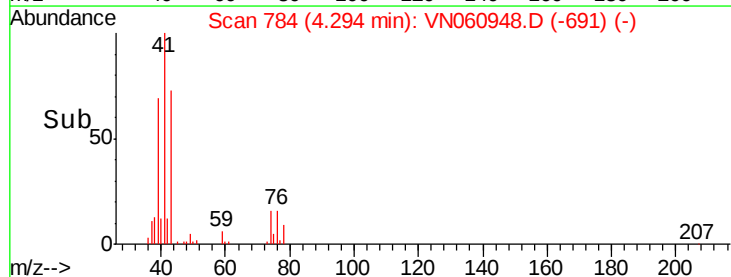
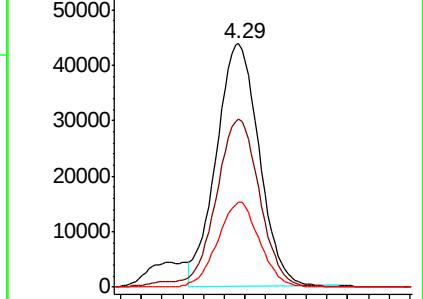
76 34.1 28.6 43.0



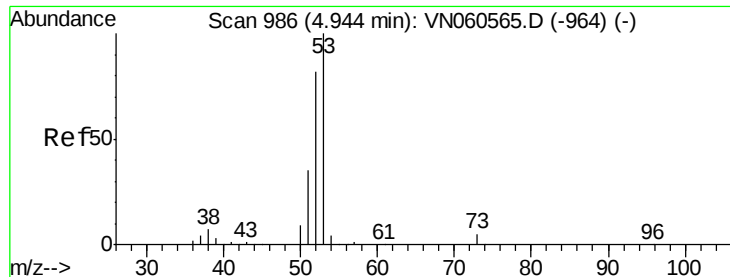
Abundance Ion 41.00 (40.70 to 41.70): VN060948.D (-691) (-)

Ion 39.00 (38.70 to 39.70): VN060948.D (-691) (-)

Ion 75.90 (75.60 to 76.60): VN060948.D (-691) (-)



Time-->



#15

Acrylonitrile

Concen: 263.728 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

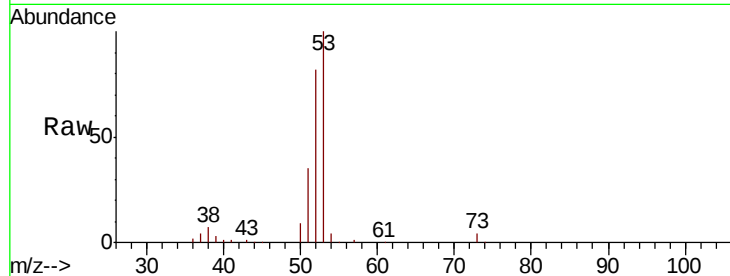
Tot Ion: 53 Resp: 222035

Ion Ratio Lower Upper

53 100

52 81.6 66.2 99.4

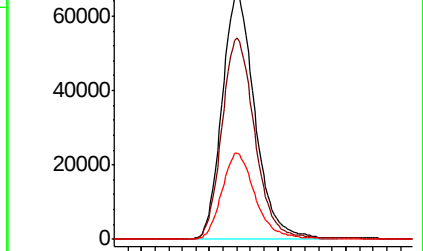
51 35.7 28.7 43.1



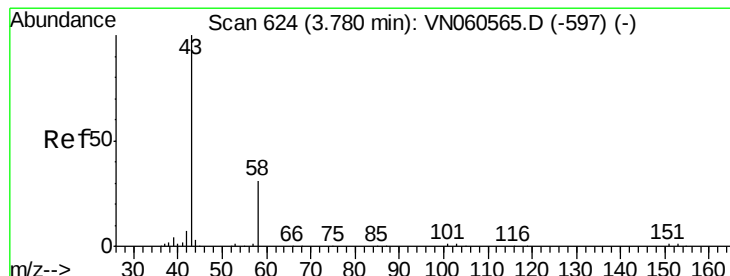
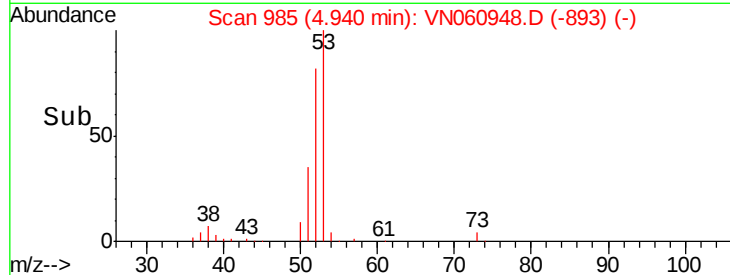
Abundance Ion 53.00 (52.70 to 53.70): VN060948.D (-893) (-)

Ion 52.00 (51.70 to 52.70): VN060948.D (-893) (-)

Ion 51.00 (50.70 to 51.70): VN060948.D (-893) (-)



Time-->



#16

Acetone

Concen: 256.892 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060948.D

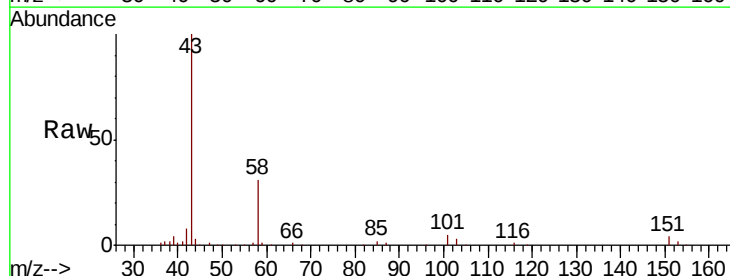
Acq: 14 Apr 2020 20:46

Tgt Ion: 43 Resp: 177148

Ion Ratio Lower Upper

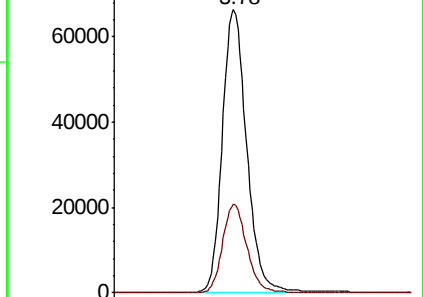
43 100

58 31.3 25.1 37.7

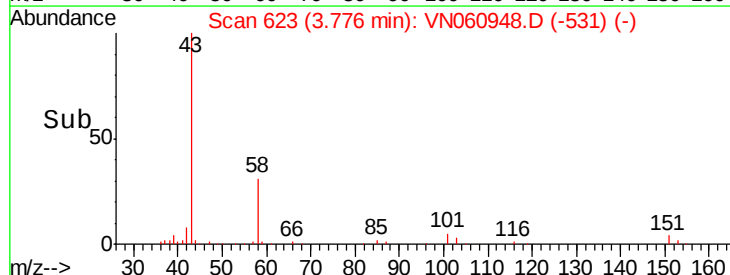


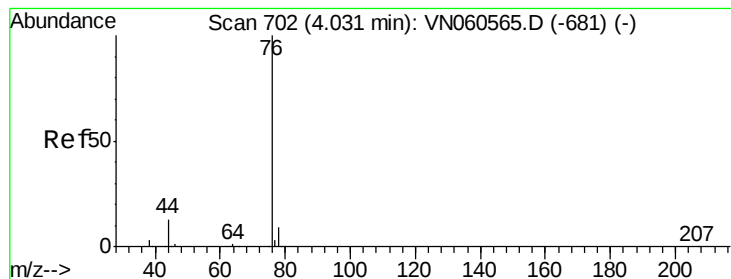
Abundance Ion 43.00 (42.70 to 43.70): VN060948.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060948.D (-531) (-)



Time-->





#17

Carbon Disulfide

Concen: 38.724 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

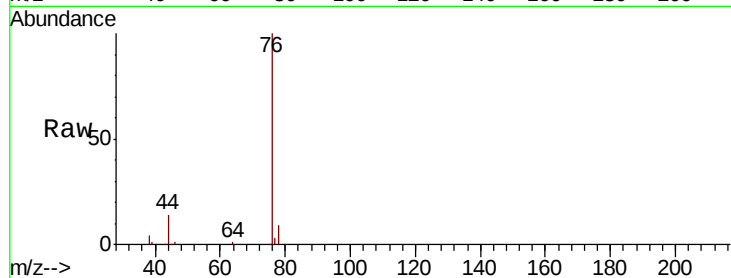
VSTDCCC050EC

Tot Ion: 76 Resp: 180825

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN060948.D (-609) (-)

Ion 77.90 (77.60 to 78.60): VN060948.D (-609) (-)

4.03

60000

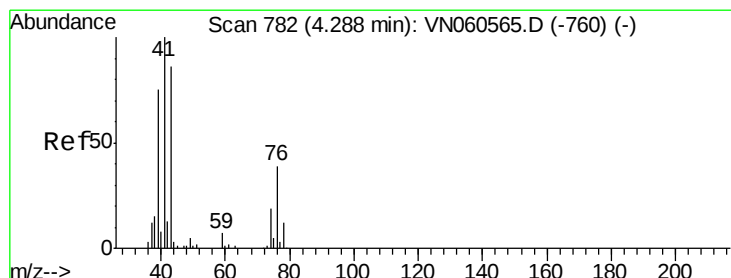
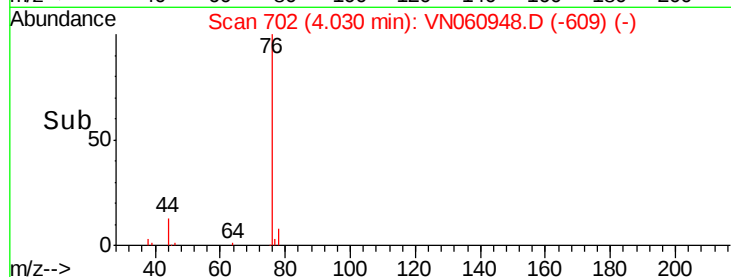
40000

20000

0

Time-->

3.90 4.00 4.10 4.20



#18

Methyl Acetate

Concen: 54.897 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060948.D

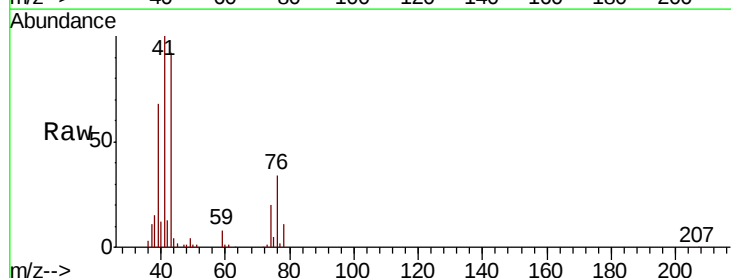
Acq: 14 Apr 2020 20:46

Tgt Ion: 43 Resp: 106554

Ion Ratio Lower Upper

43 100

74 21.5 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN060948.D (-689) (-)

Ion 74.00 (73.70 to 74.70): VN060948.D (-689) (-)

4.28

40000

30000

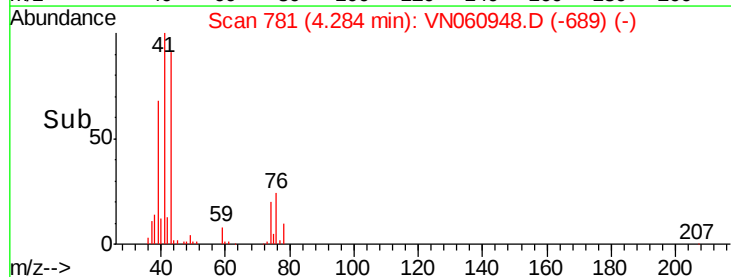
20000

10000

0

Time-->

4.20 4.30 4.40

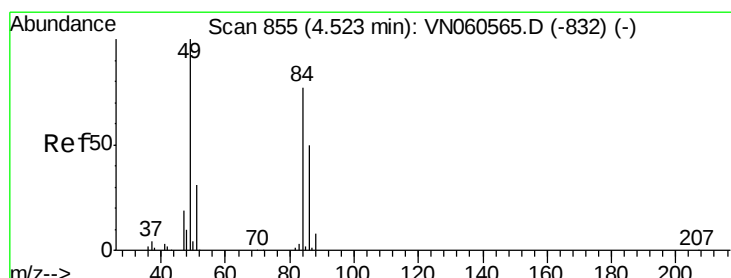
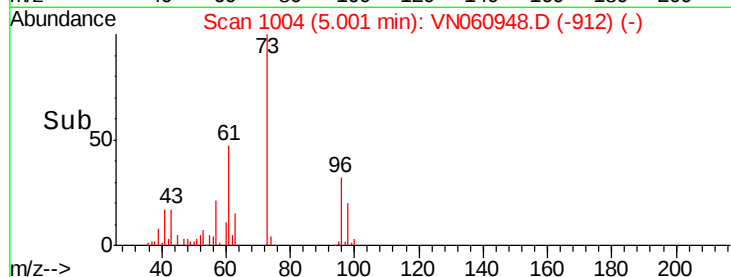
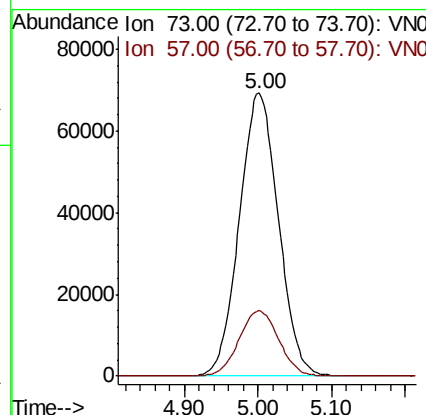
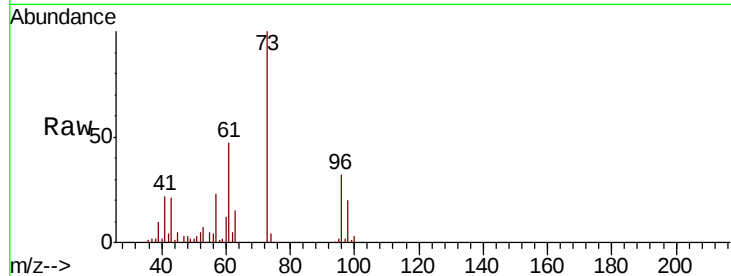




#19
Methvl tert-butvl Ether
Concen: 48.426 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

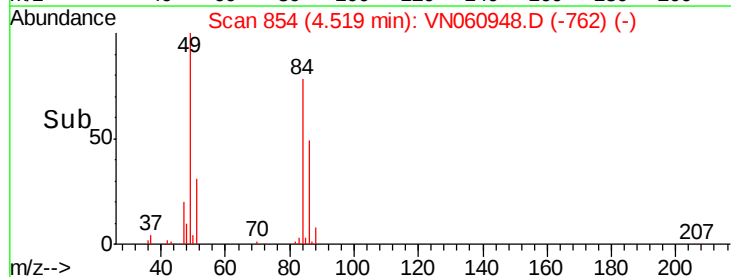
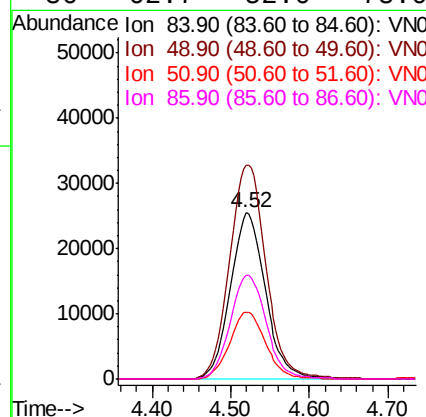
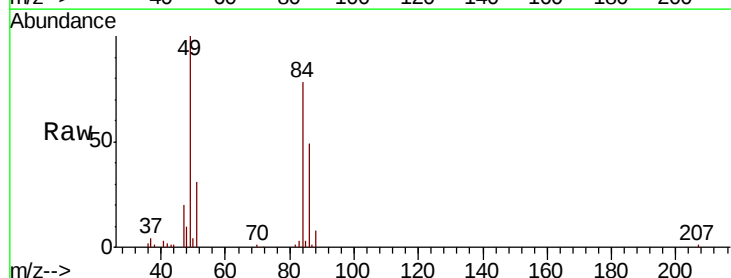
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 255632
Ion Ratio Lower Upper
73 100
57 23.1 17.5 26.3



#20
Methylene Chloride
Concen: 46.506 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

Tgt Ion: 84 Resp: 78890
Ion Ratio Lower Upper
84 100
49 128.5 103.3 154.9
51 40.4 31.6 47.4
86 62.7 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 44.415 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

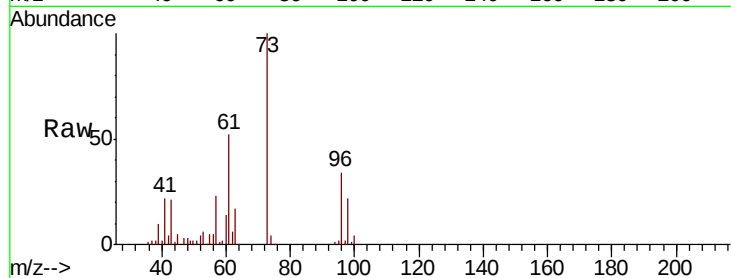
Tot Ion: 96 Resp: 72680

Ion Ratio Lower Upper

96 100

61 151.9 114.4 171.6

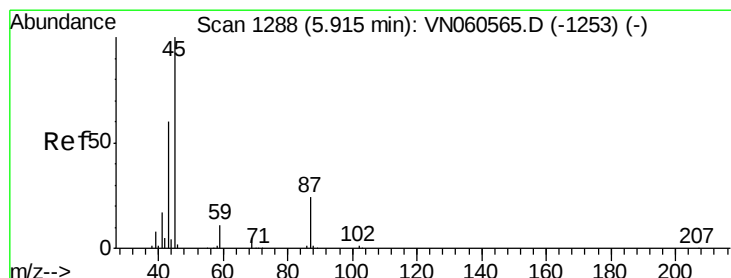
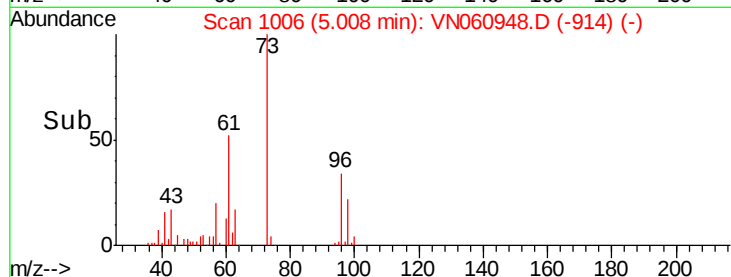
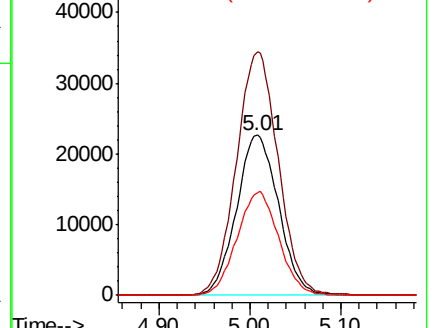
98 64.5 48.4 72.6



Abundance Ion 95.90 (95.60 to 96.60): VN060948.D (-914) (-)

Ion 60.90 (60.60 to 61.60): VN060948.D (-914) (-)

Ion 97.90 (97.60 to 98.60): VN060948.D (-914) (-)



#22

Diisopropyl ether

Concen: 51.951 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Tgt Ion: 45 Resp: 296386

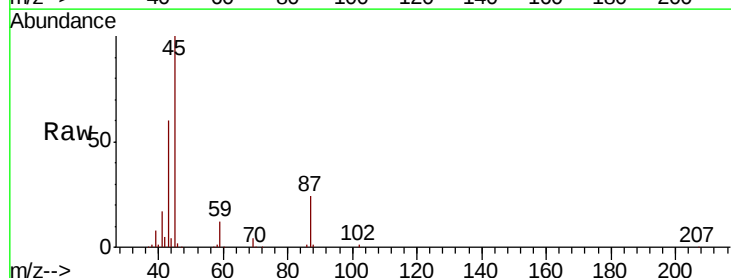
Ion Ratio Lower Upper

45 100

43 58.7 49.8 74.8

87 24.1 20.1 30.1

59 11.4 9.2 13.8

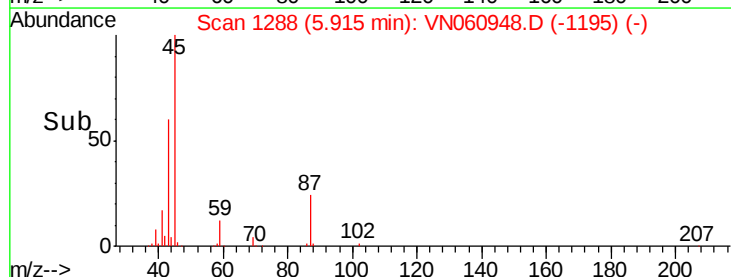
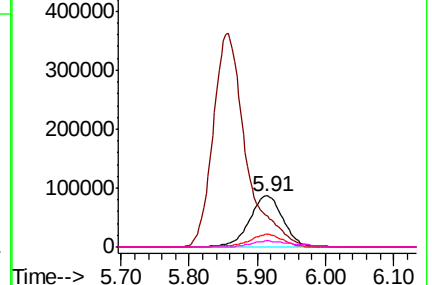


Abundance Ion 45.00 (44.70 to 45.70): VN060948.D (-1195) (-)

Ion 43.00 (42.70 to 43.70): VN060948.D (-1195) (-)

Ion 87.00 (86.70 to 87.70): VN060948.D (-1195) (-)

Ion 59.00 (58.70 to 59.70): VN060948.D (-1195) (-)

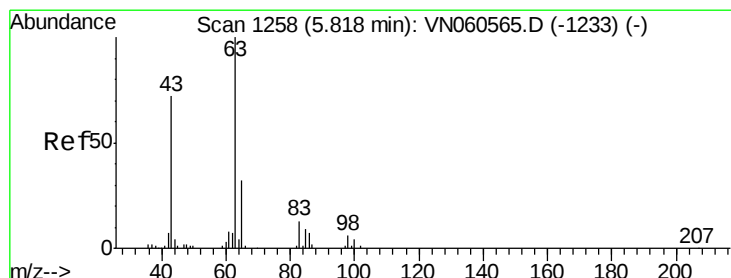
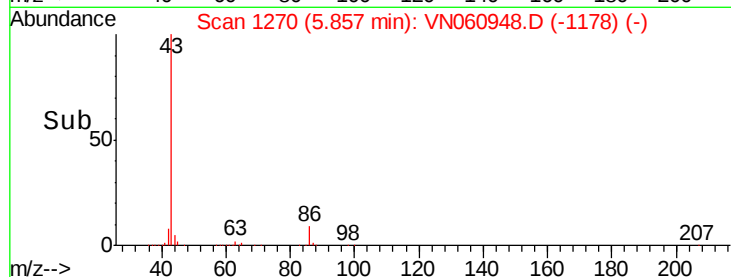
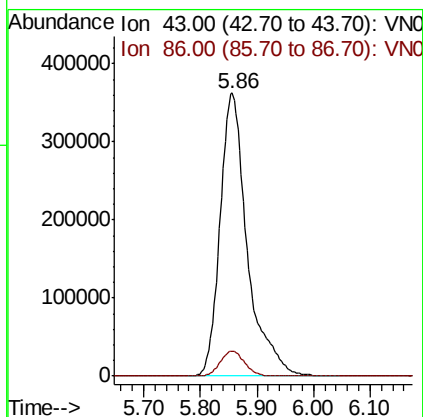
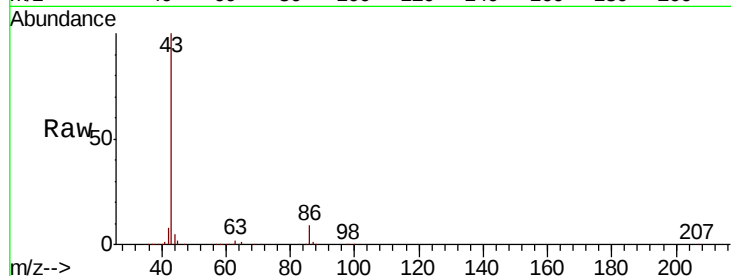




#23
 Vinyl Acetate
 Concen: 261.071 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN060948.D
 Acq: 14 Apr 2020 20:46

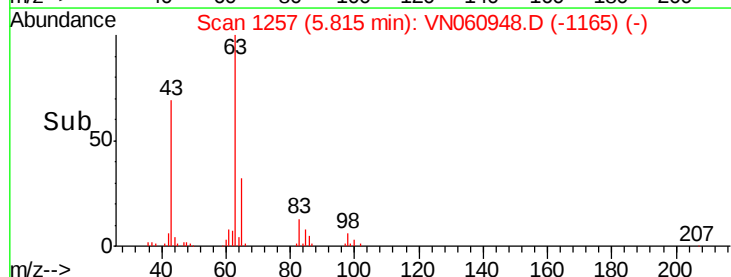
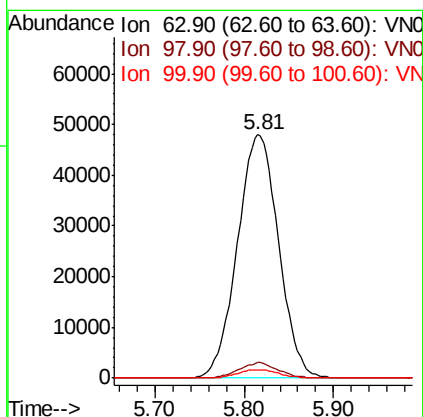
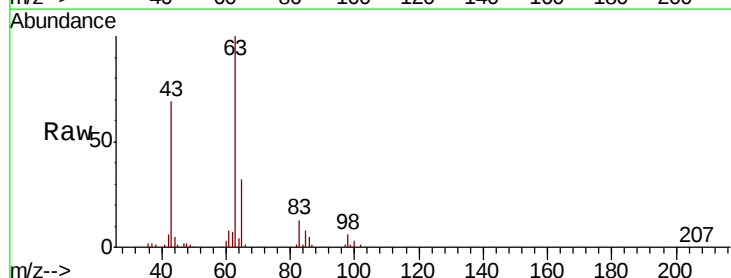
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

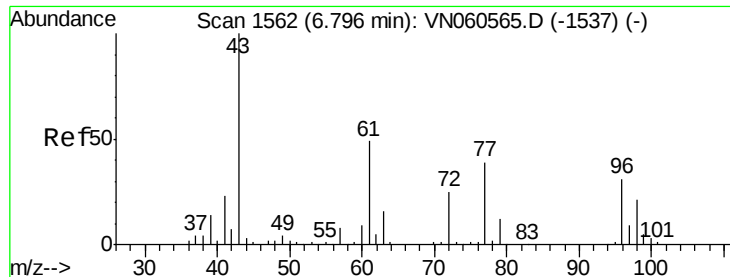
Tot Ion: 43 Resp: 1215262
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 49.451 ug/l
 RT: 5.81 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN060948.D
 Acq: 14 Apr 2020 20:46

Tgt Ion: 63 Resp: 153799
 Ion Ratio Lower Upper
 63 100
 98 6.4 2.9 8.7
 100 3.5 1.8 5.5

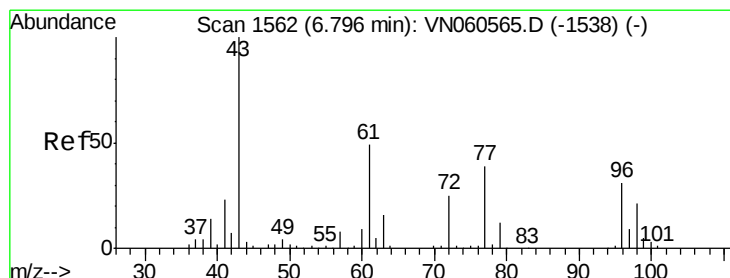
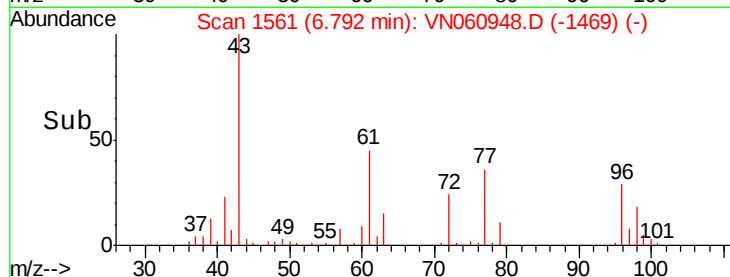
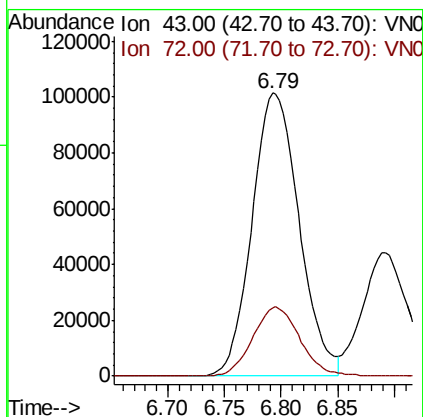
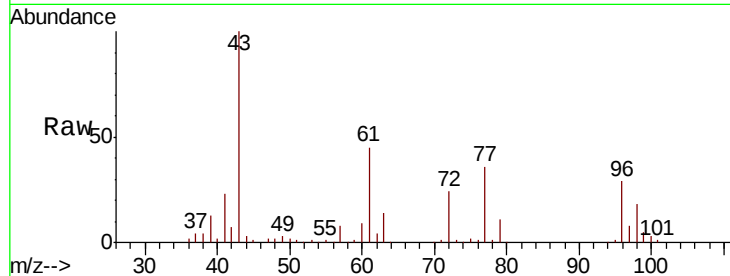




#25
2-Butanone
Concen: 263.117 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

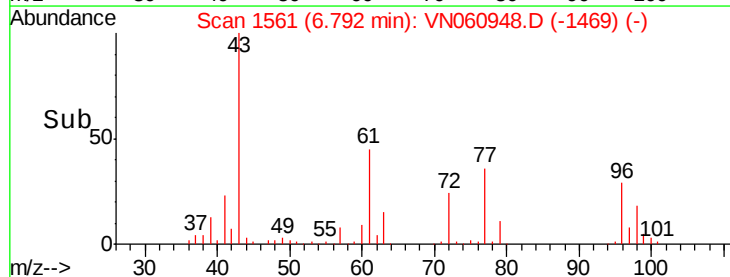
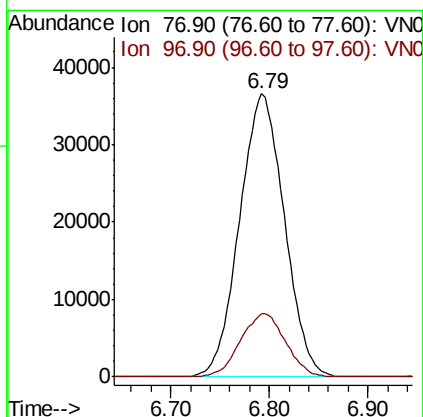
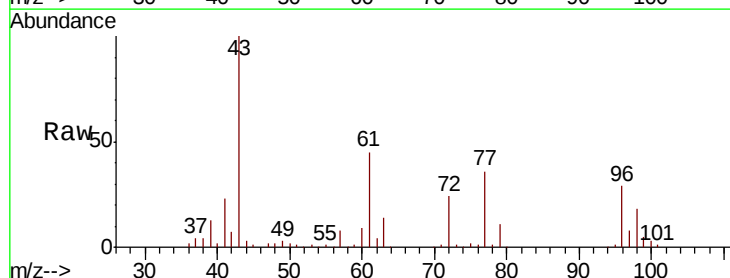
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

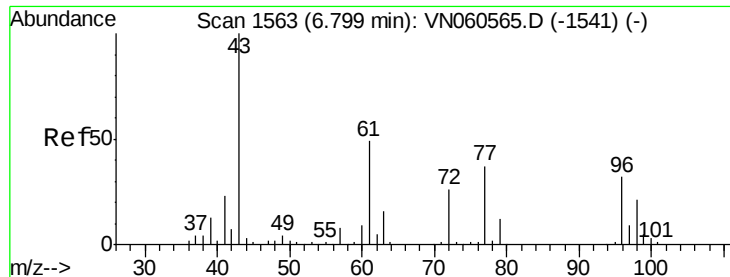
Tot Ion: 43 Resp: 293602
Ion Ratio Lower Upper
43 100
72 24.3 20.4 30.6



#26
2,2-Dichloropropane
Concen: 46.964 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

Tgt Ion: 77 Resp: 114923
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 46.811 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

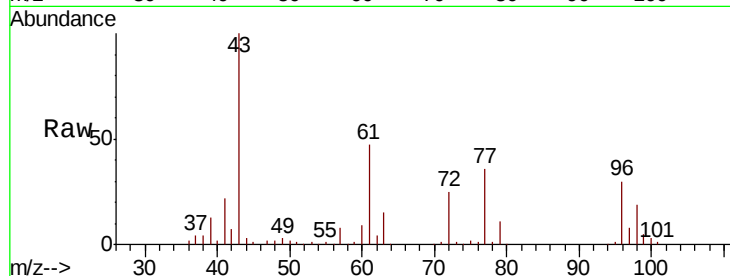
Tot Ion: 96 Resp: 87048

Ion Ratio Lower Upper

96 100

61 157.4 0.0 305.6

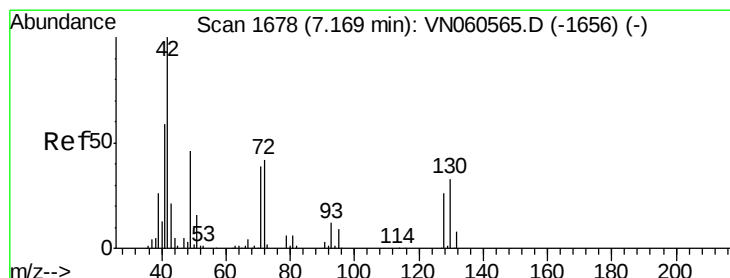
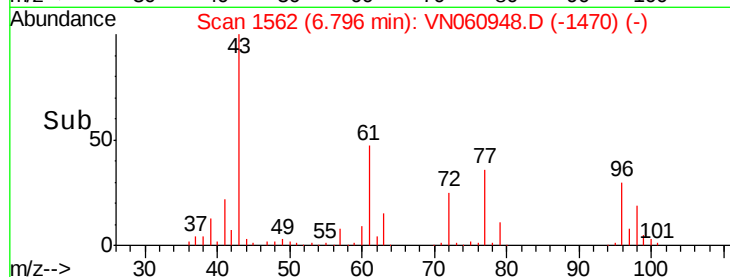
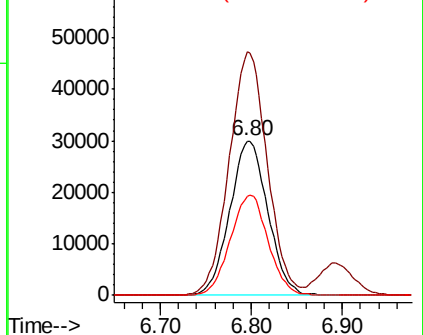
98 64.6 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VN060565.D (-1541) (-)

Ion 60.90 (60.60 to 61.60): VN060565.D (-1541) (-)

Ion 97.90 (97.60 to 98.60): VN060565.D (-1541) (-)



#28

Bromochloromethane

Concen: 53.640 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

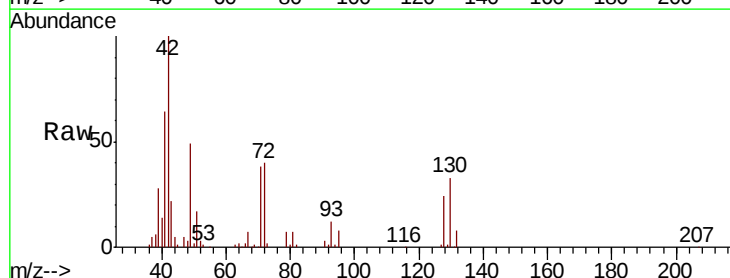
Tgt Ion: 49 Resp: 79818

Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.4

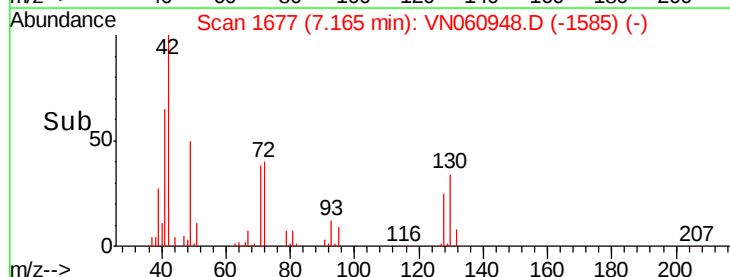
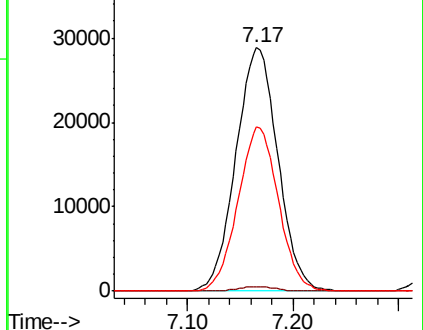
130 65.0 55.0 82.4



Abundance Ion 48.90 (48.60 to 49.60): VN060565.D (-1656) (-)

Ion 128.80 (128.50 to 129.50): VN060565.D (-1656) (-)

Ion 129.80 (129.50 to 130.50): VN060565.D (-1656) (-)

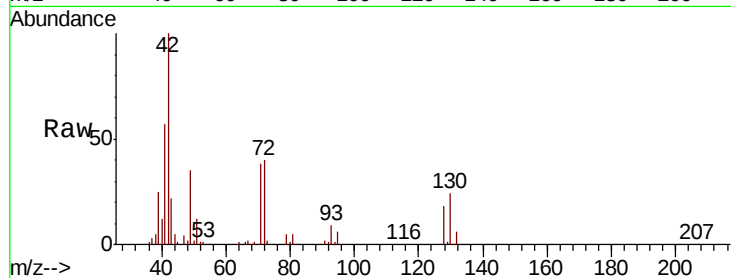




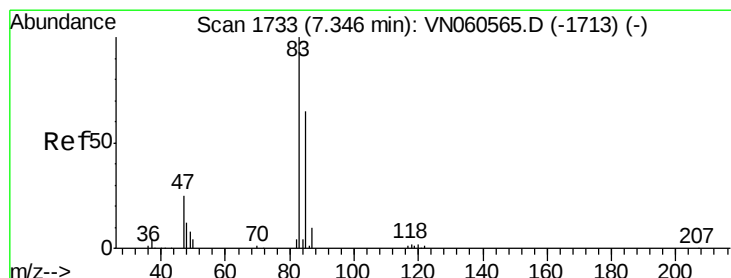
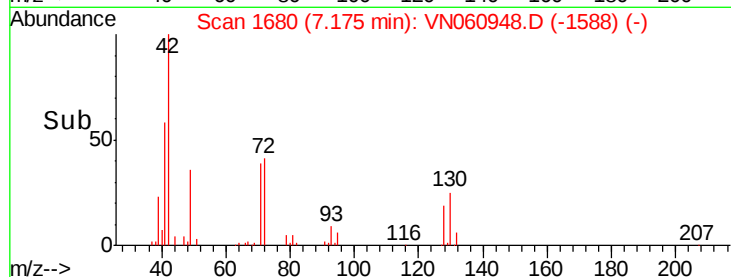
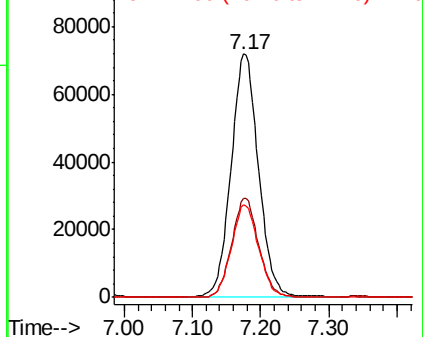
#29
Tetrahydrofuran
Concen: 255.382 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 201628
Ion Ratio Lower Upper
42 100
72 39.9 33.2 49.8
71 37.4 31.1 46.7

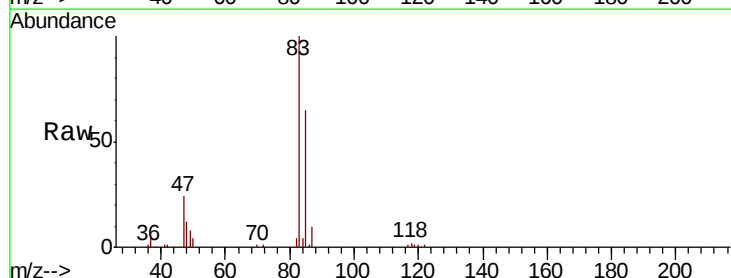


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

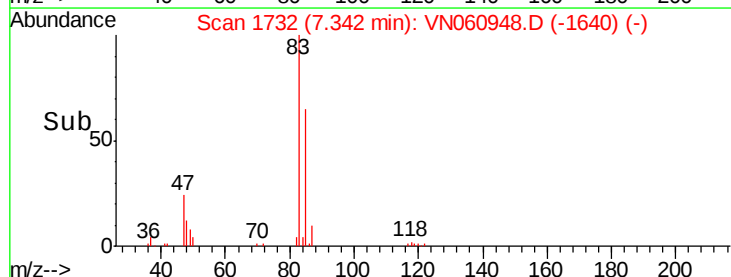
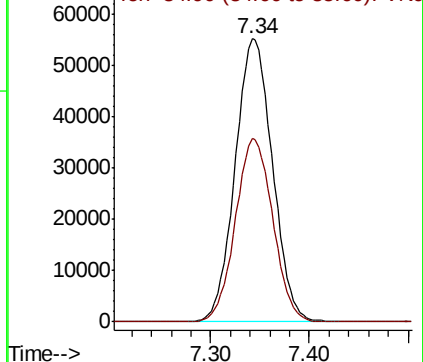


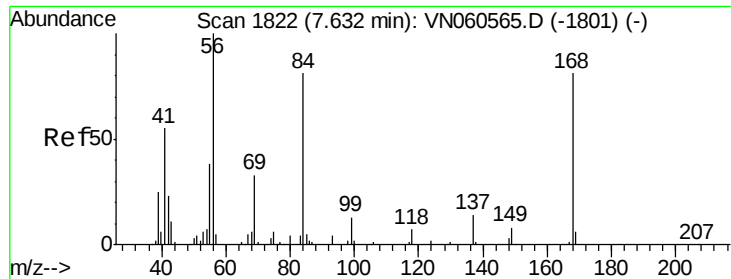
#30
Chloroform
Concen: 48.559 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

Tgt Ion: 83 Resp: 144783
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.8



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





#31

Cyclohexane

Concen: 43.550 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

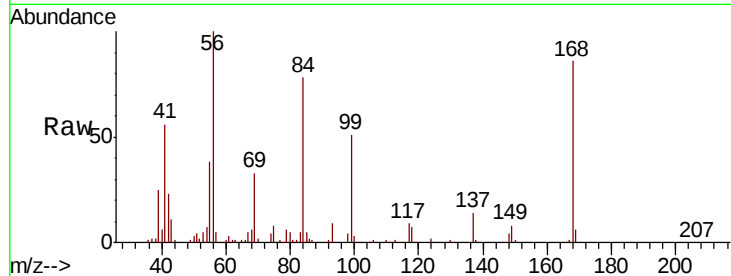
Tot Ion: 56 Resp: 136549

Ion Ratio Lower Upper

56 100

69 32.6 26.6 40.0

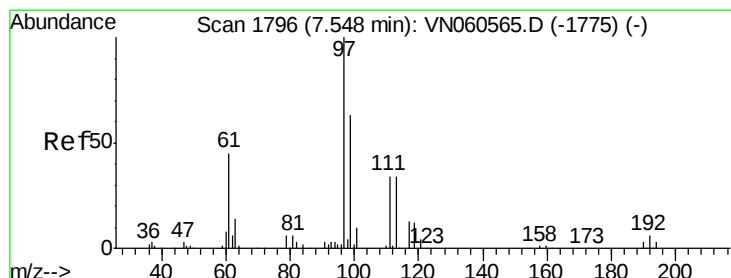
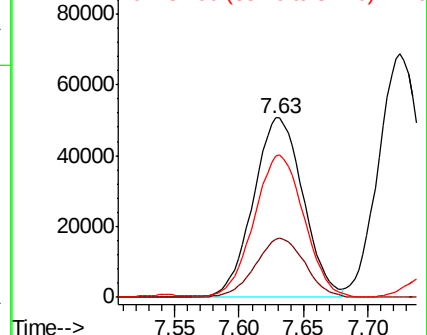
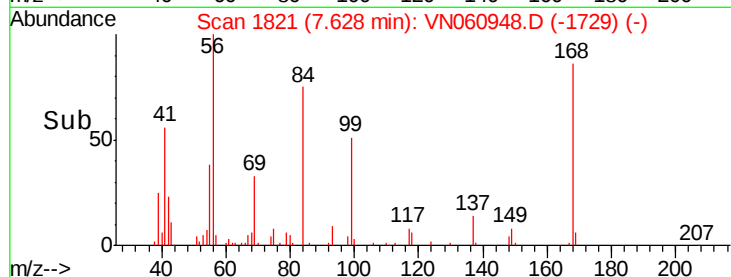
84 77.5 64.3 96.5



Abundance Ion 56.00 (55.70 to 56.70): VN060948.D (-1729) (-)

Ion 69.00 (68.70 to 69.70): VN060948.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN060948.D (-1729) (-)



#32

1,1,1-Trichloroethane

Concen: 48.050 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

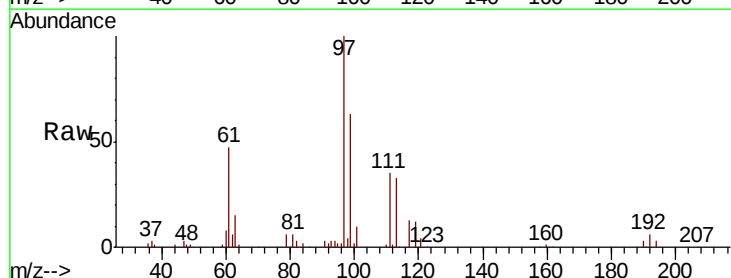
Tgt Ion: 97 Resp: 123504

Ion Ratio Lower Upper

97 100

99 63.4 50.6 75.8

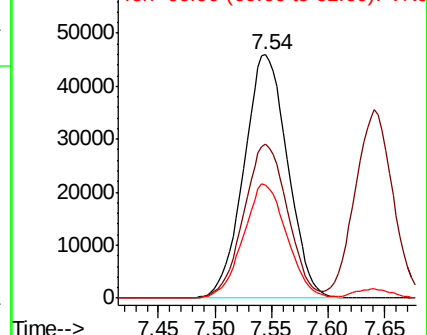
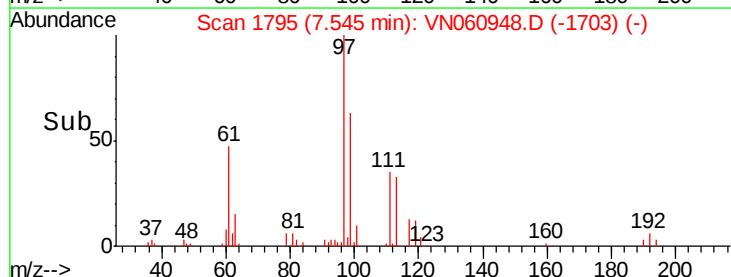
61 46.5 36.2 54.4

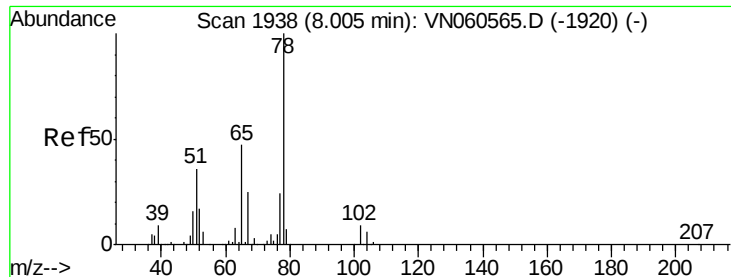


Abundance Ion 96.90 (96.60 to 97.60): VN060948.D (-1703) (-)

Ion 98.90 (98.60 to 99.60): VN060948.D (-1703) (-)

Ion 60.90 (60.60 to 61.60): VN060948.D (-1703) (-)





#33

1,2-Dichloroethane-d4

Concen: 50.657 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

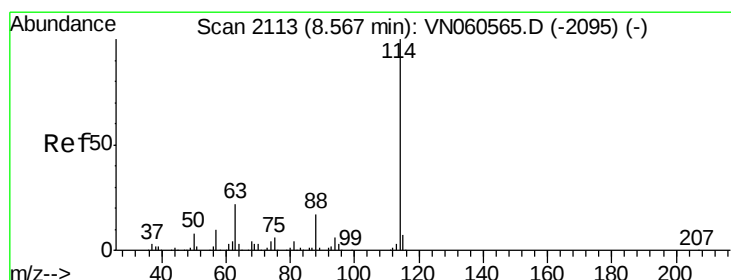
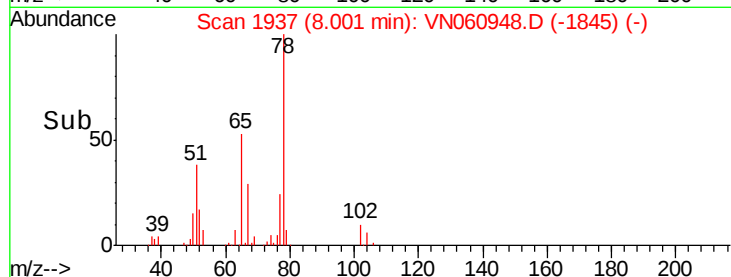
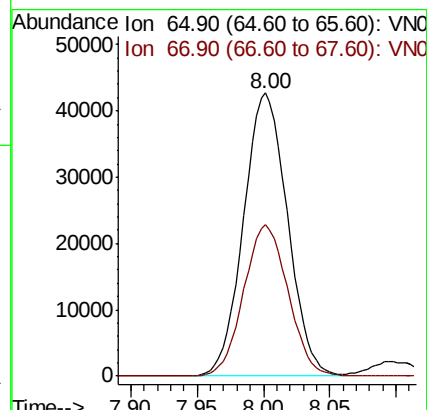
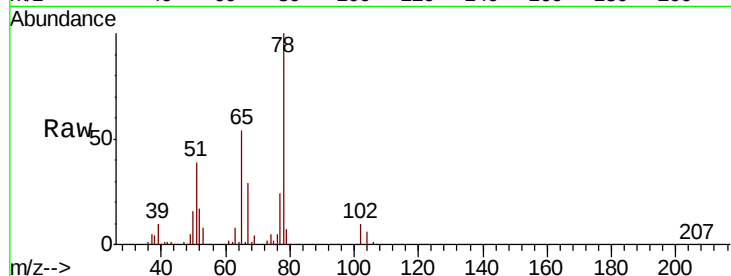
VSTDCCC050EC

Tot Ion: 65 Resp: 98616

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

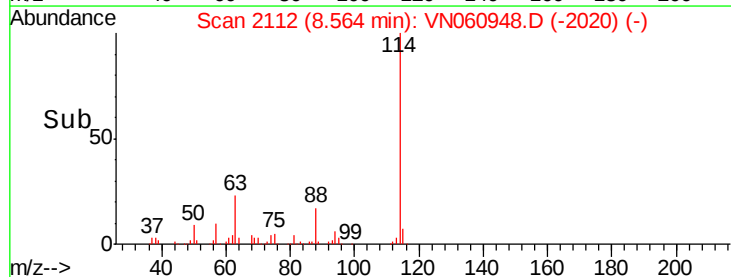
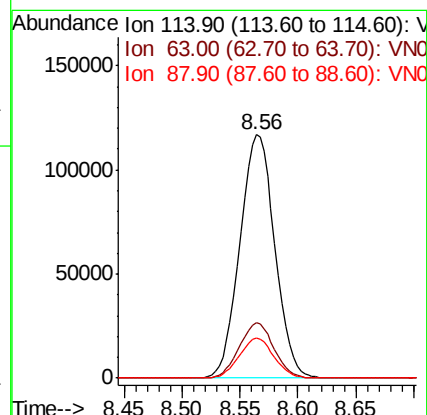
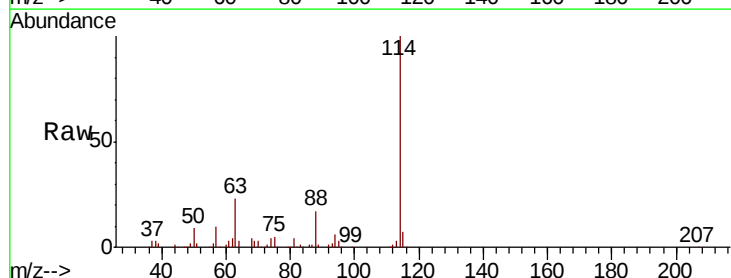
Tgt Ion: 114 Resp: 244631

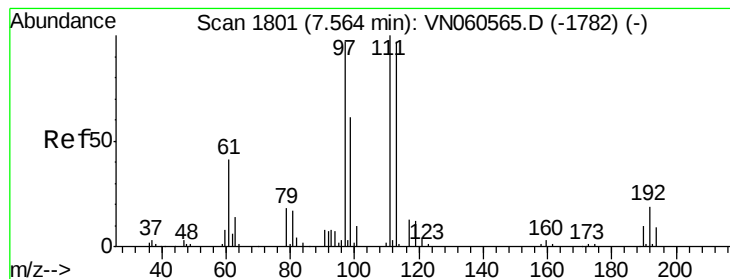
Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.8

88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.421 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

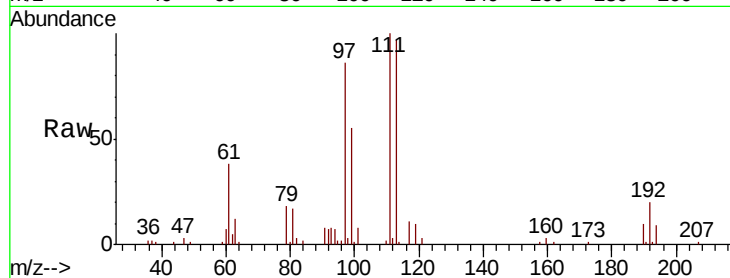
Tot Ion:113 Resp: 74583

Ion Ratio Lower Upper

113 100

111 103.5 82.9 124.3

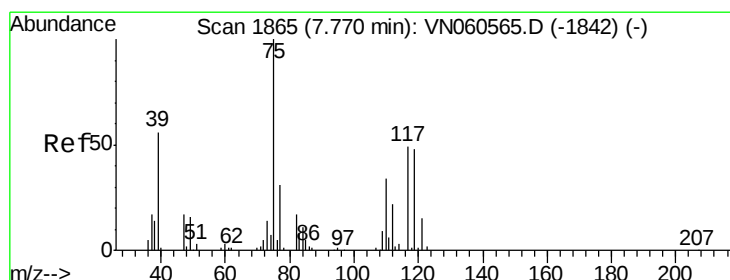
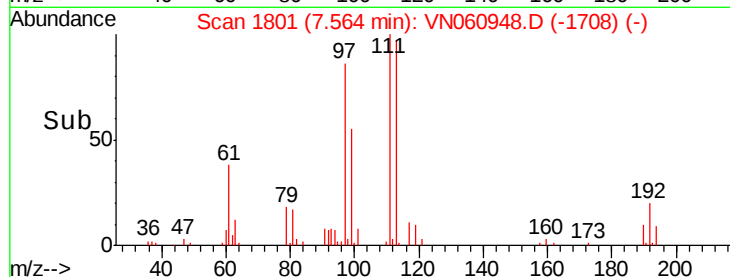
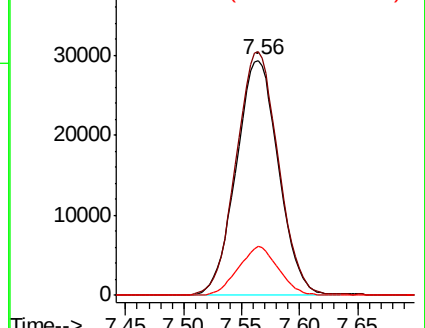
192 19.7 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.801 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

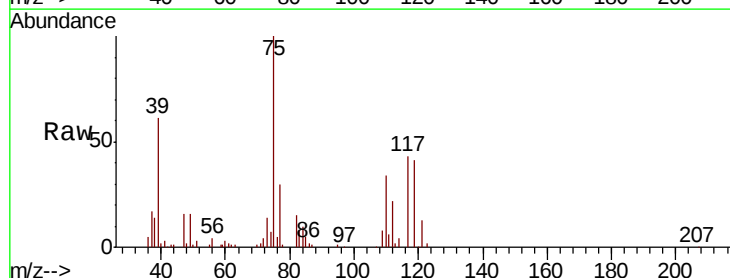
Tgt Ion: 75 Resp: 108493

Ion Ratio Lower Upper

75 100

110 34.0 16.9 50.6

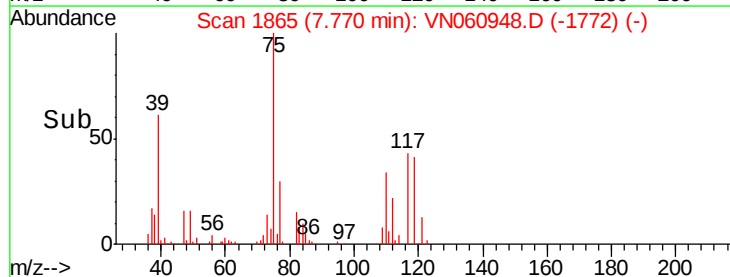
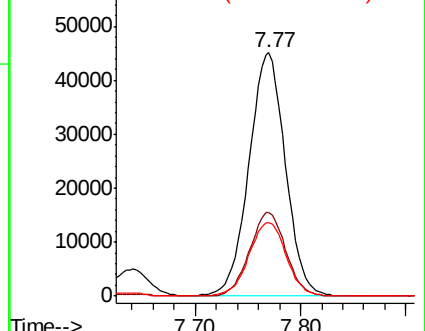
77 30.9 24.6 36.8

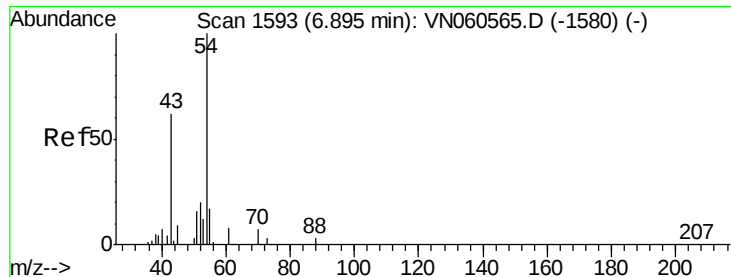


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

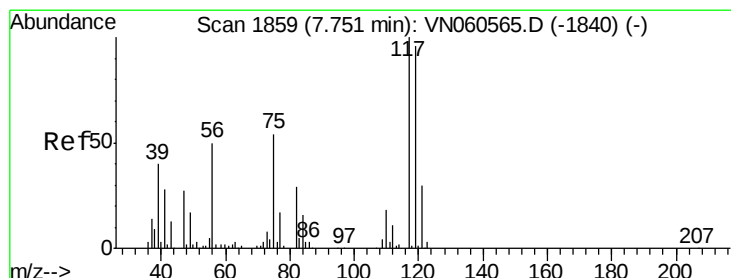
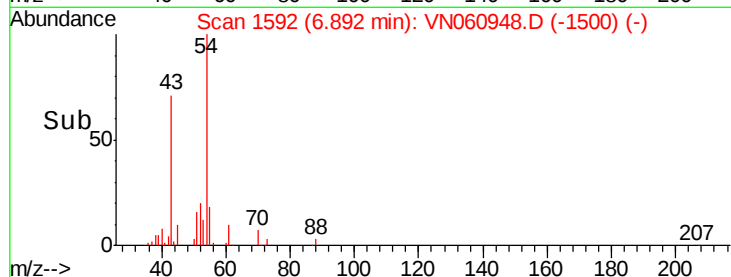
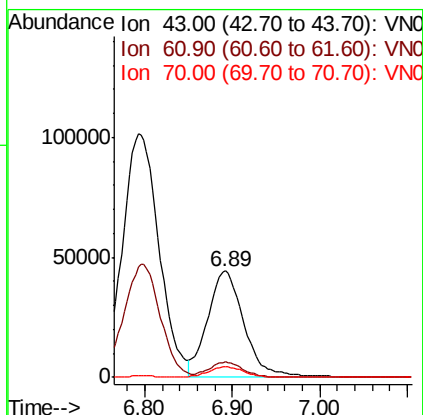
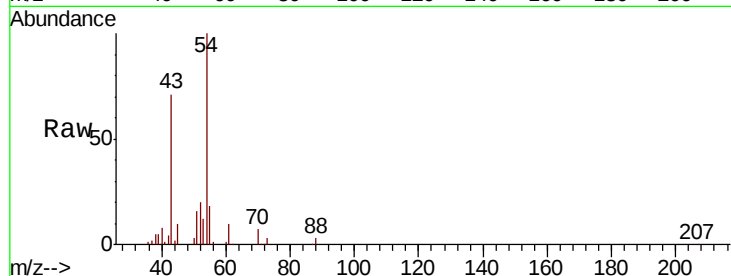




#37
Ethyl Acetate
Concen: 49.484 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

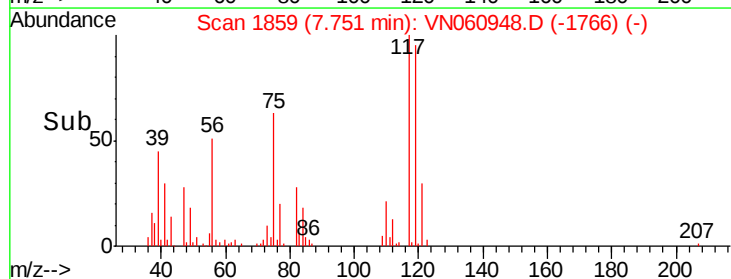
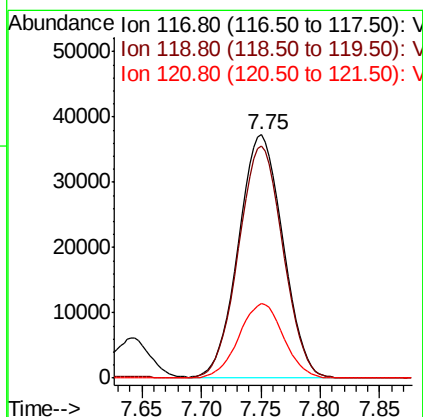
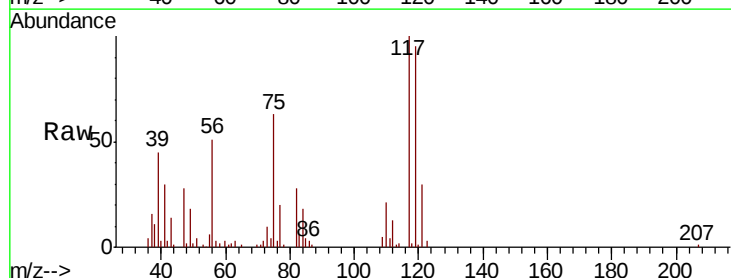
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

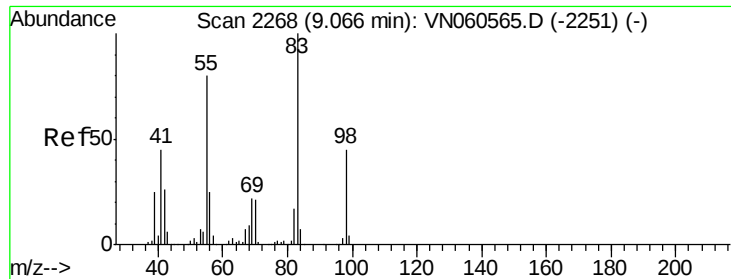
Tot Ion: 43 Resp: 126656
Ion Ratio Lower Upper
43 100
61 13.6 10.6 15.8
70 9.8 7.9 11.9



#38
Carbon Tetrachloride
Concen: 45.628 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

Tgt Ion: 117 Resp: 96870
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.2
121 30.5 23.7 35.5

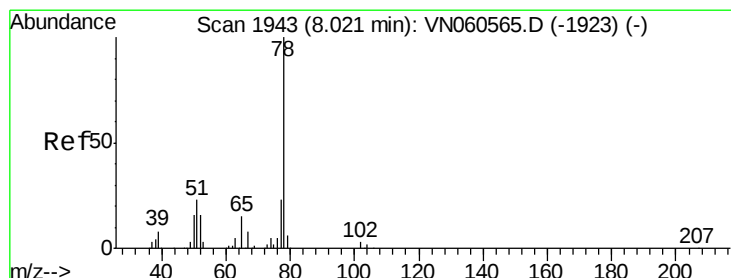
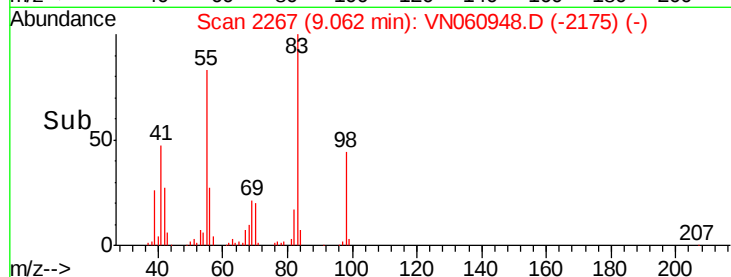
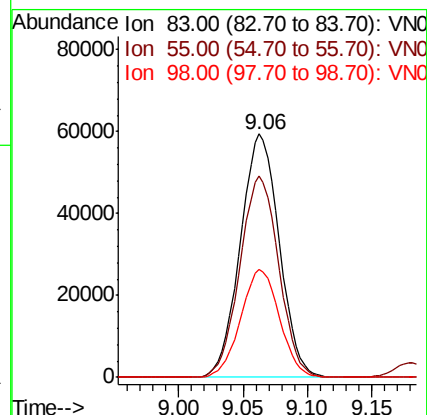
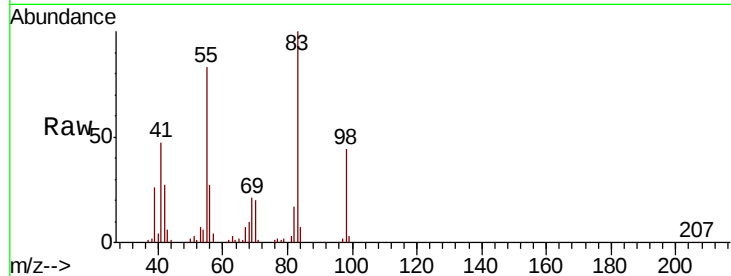




#39
Methvlcvclohexane
Concen: 44.377 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

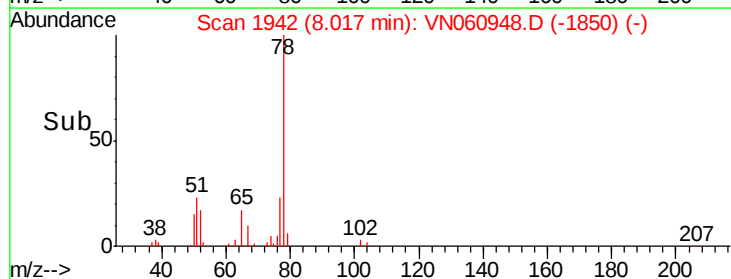
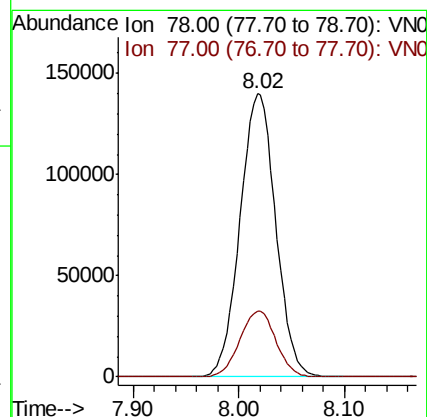
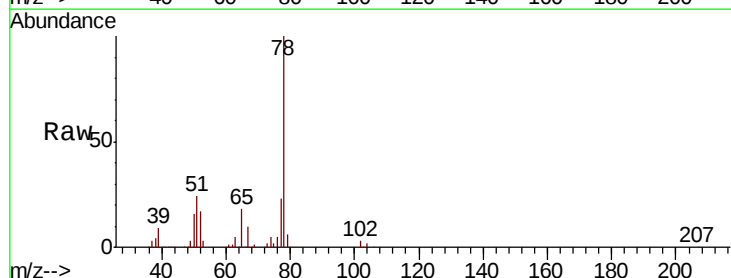
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

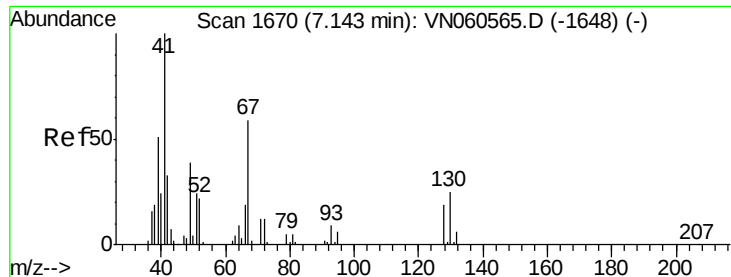
Tot Ion: 83 Resp: 124922
Ion Ratio Lower Upper
83 100
55 82.7 63.6 95.4
98 44.4 36.0 54.0



#40
Benzene
Concen: 45.947 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

Tgt Ion: 78 Resp: 328558
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0

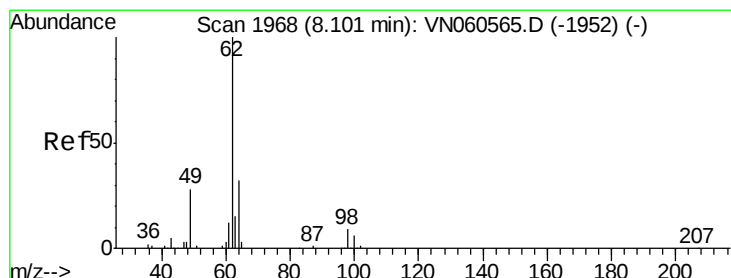
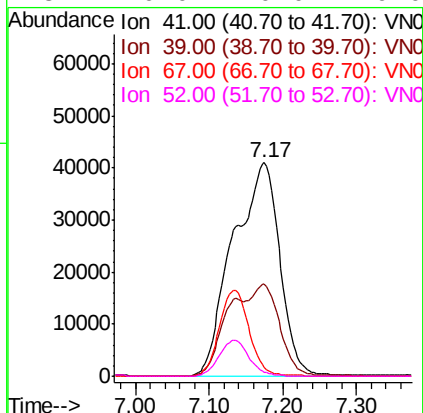
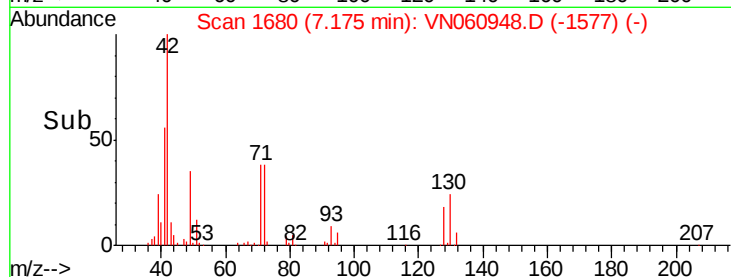
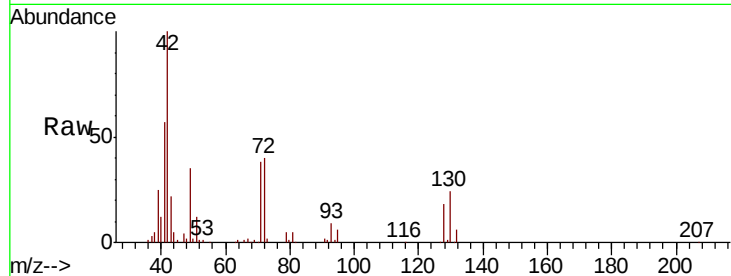




#41
Methacrylonitrile
Concen: 165.213 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

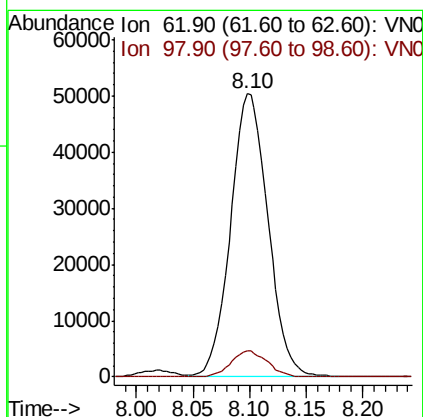
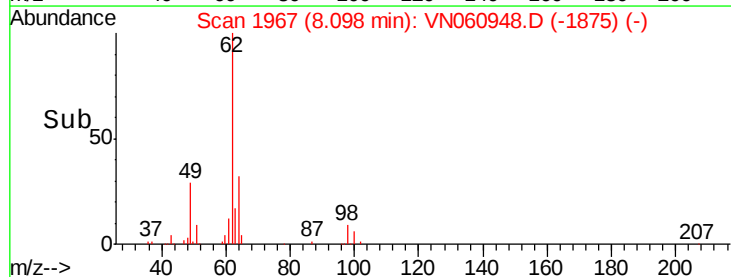
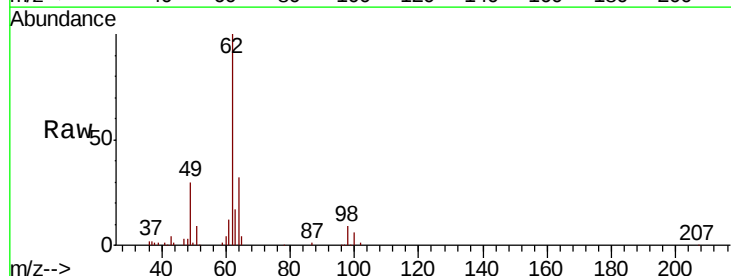
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

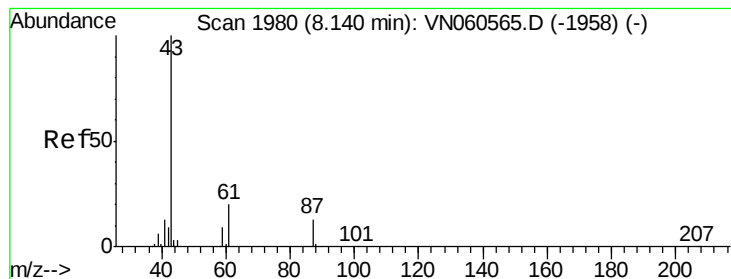
Tot Ion:	41	Resp:	180468
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 47.162 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

Tgt Ion:	62	Resp:	115254
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8





#43

Isopropyl Acetate

Concen: 50.362 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

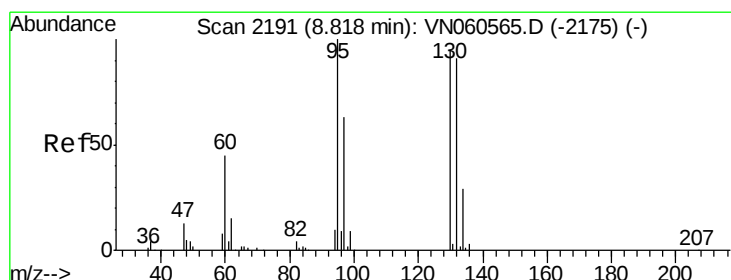
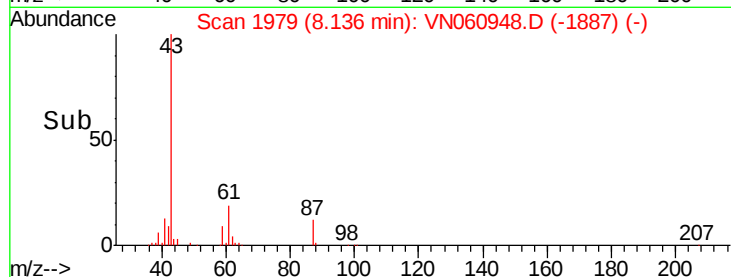
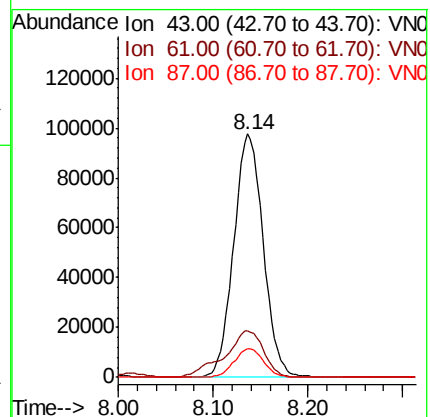
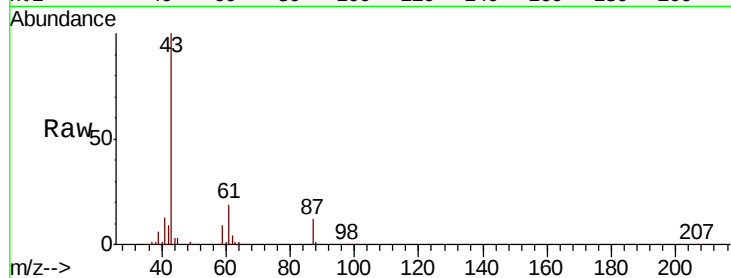
Tot Ion: 43 Resp: 212585

Ion Ratio Lower Upper

43 100

61 25.3 20.7 31.1

87 11.8 9.8 14.8



#44

Trichloroethene

Concen: 45.127 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060948.D

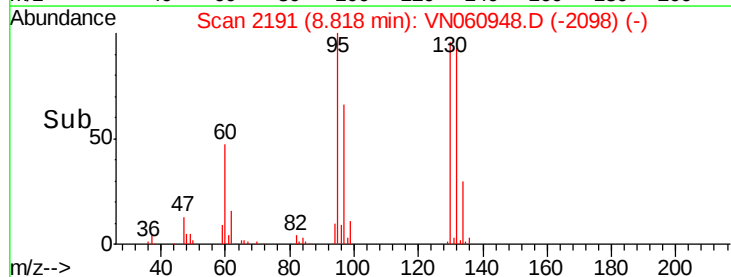
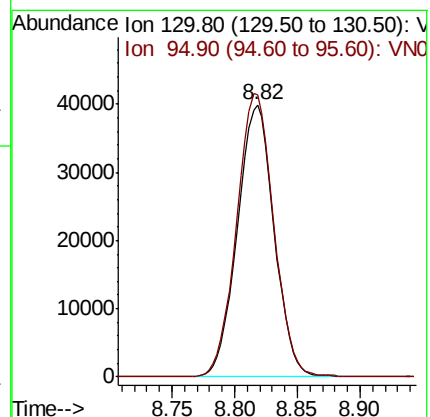
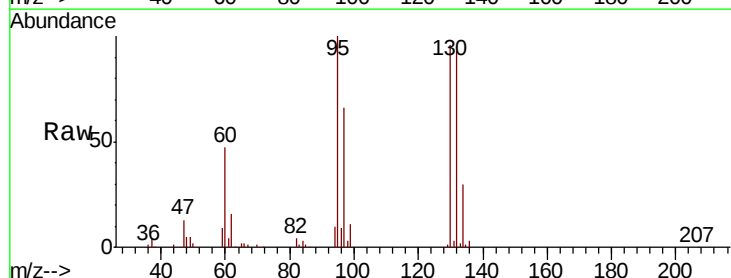
Acq: 14 Apr 2020 20:46

Tgt Ion: 130 Resp: 81347

Ion Ratio Lower Upper

130 100

95 103.6 0.0 211.2





#45

1,2-Dichloropropane

Concen: 49.063 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

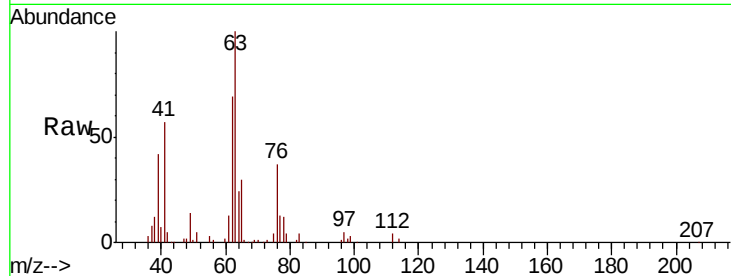
VSTDCCC050EC

Tot Ion: 63 Resp: 92576

Ion Ratio Lower Upper

63 100

65 30.1 25.4 38.0

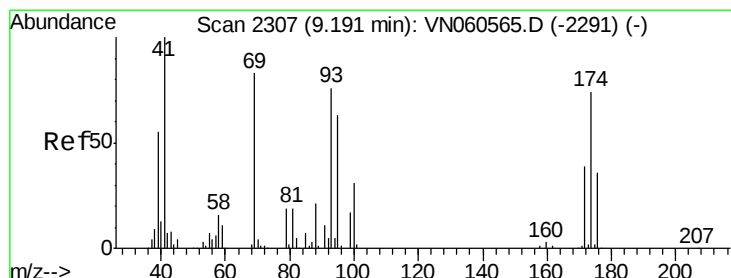
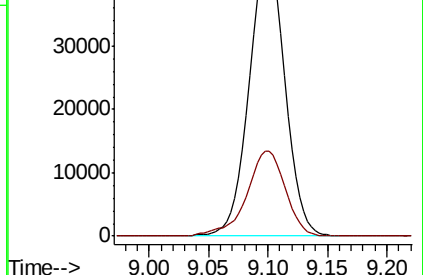
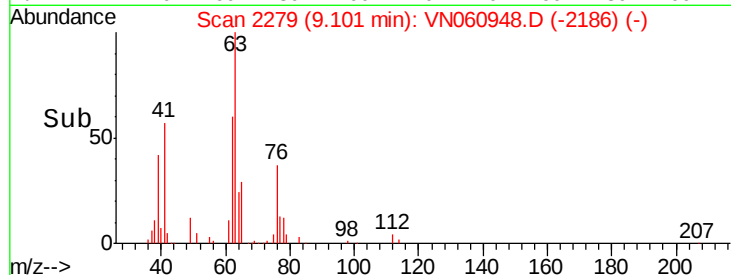


Abundance Ion 62.90 (62.60 to 63.60): VN060948.D (-2186) (-)

Ion 64.90 (64.60 to 65.60): VN060948.D (-2186) (-)

9.10

Time-->



#46

Dibromomethane

Concen: 47.901 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

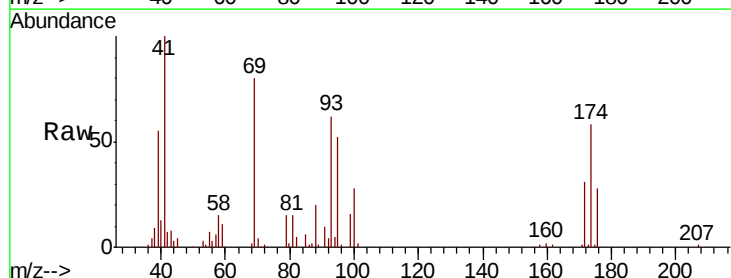
Tgt Ion: 93 Resp: 54642

Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.4

174 94.7 77.9 116.9



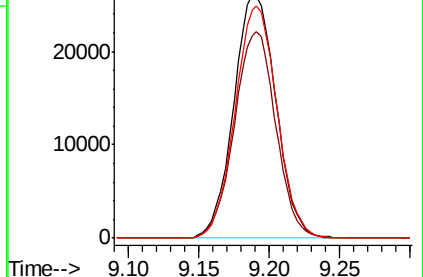
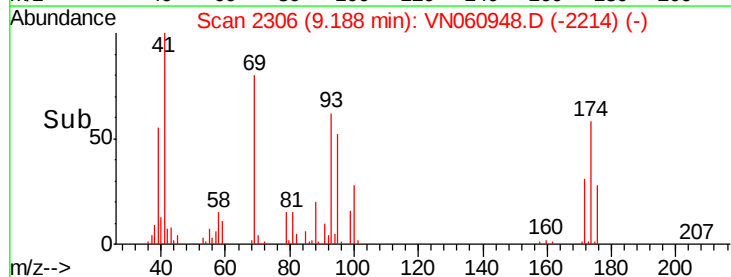
Abundance Ion 92.80 (92.50 to 93.50): VN060948.D (-2214) (-)

Ion 94.80 (94.50 to 95.50): VN060948.D (-2214) (-)

Ion 173.70 (173.40 to 174.40): VN060948.D (-2214) (-)

9.19

Time-->





#47

Bromodichloromethane

Concen: 48.795 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

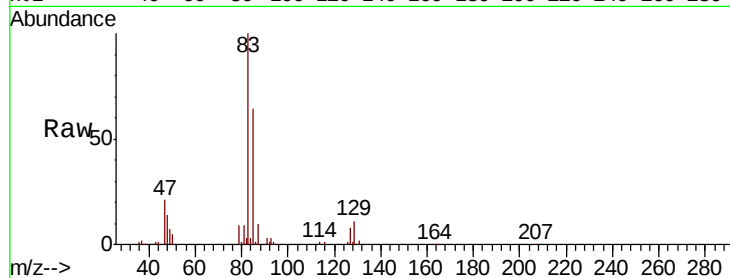
Tot Ion: 83 Resp: 115665

Ion Ratio Lower Upper

83 100

85 64.0 51.8 77.6

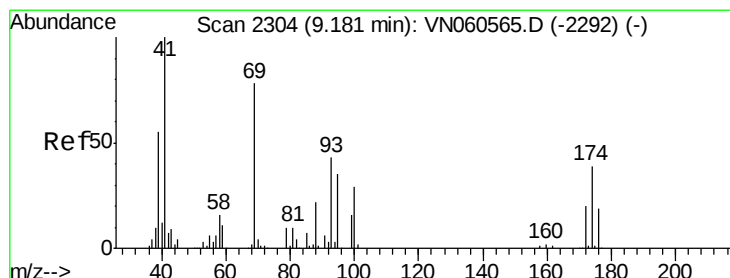
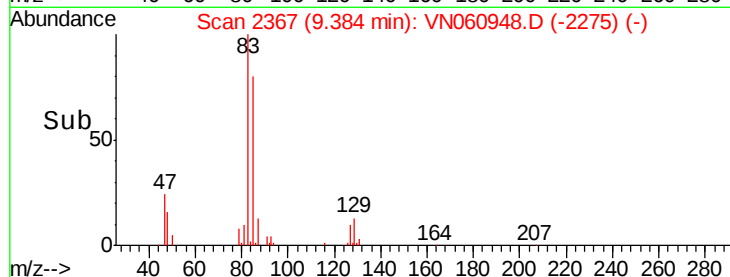
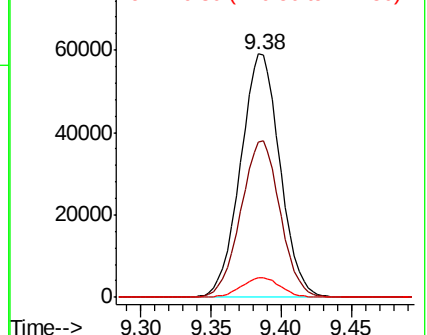
127 8.1 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060948.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060948.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060948.D (-2275) (-)



#48

Methyl methacrylate

Concen: 49.783 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

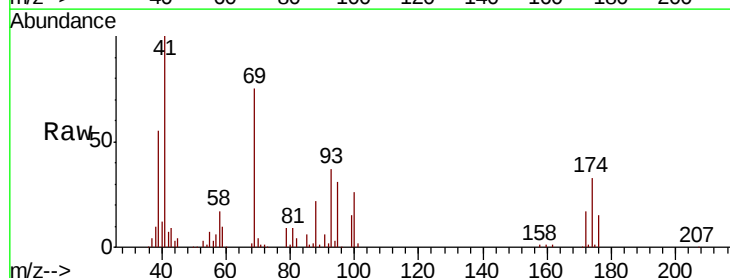
Tgt Ion: 41 Resp: 93561

Ion Ratio Lower Upper

41 100

69 80.8 65.4 98.0

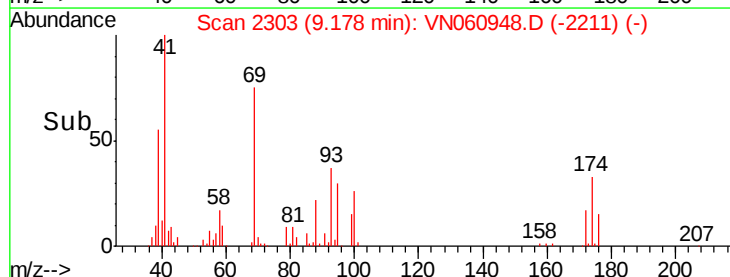
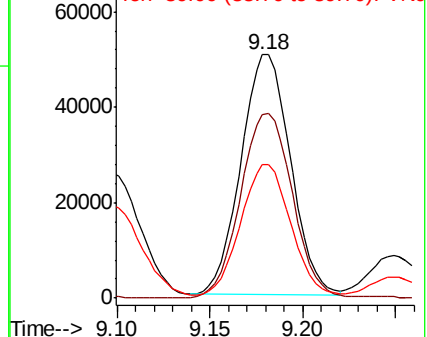
39 57.2 44.0 66.0

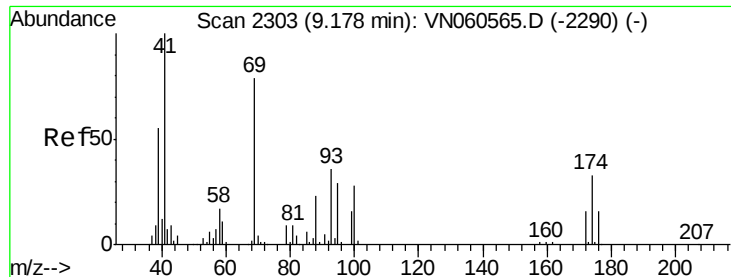


Abundance Ion 41.00 (40.70 to 41.70): VN060948.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060948.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060948.D (-2211) (-)

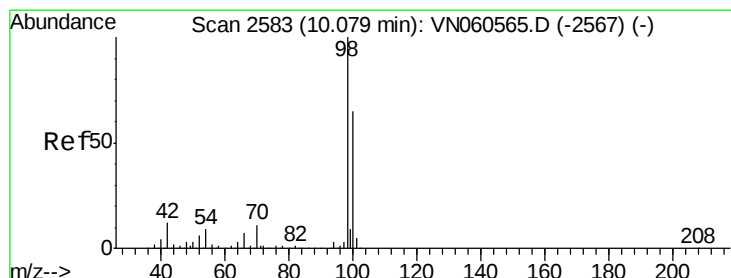
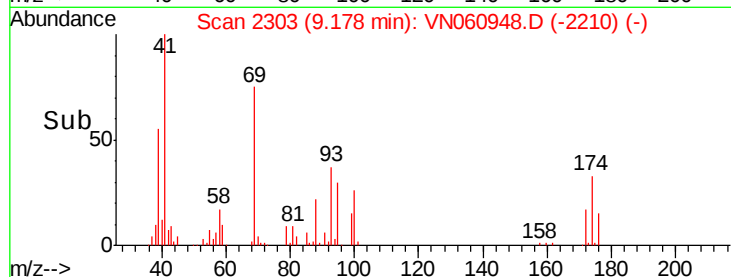
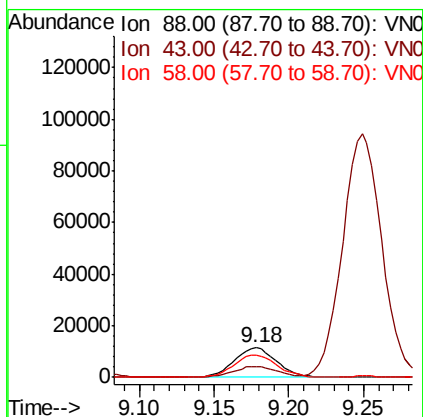
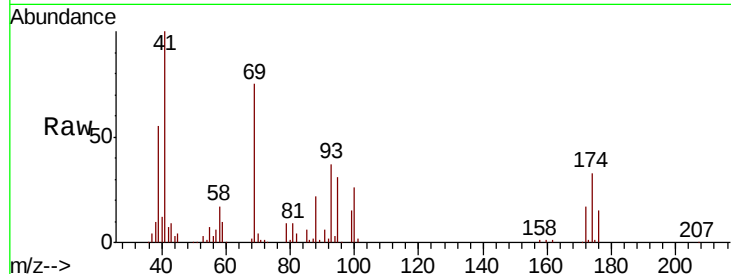




#49
1,4-Dioxane
Concen: 1018.641 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

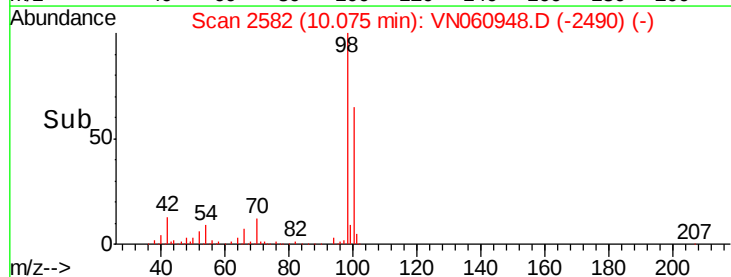
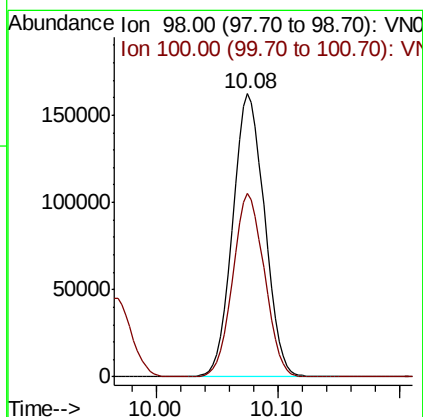
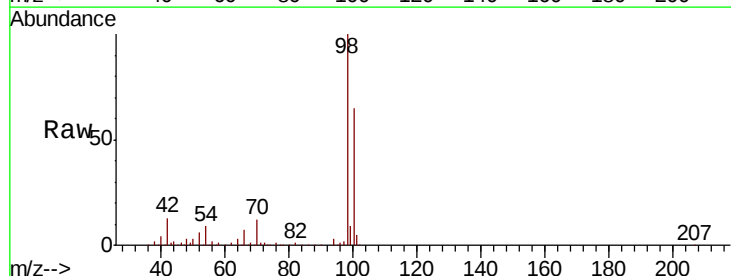
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 22755
Ion Ratio Lower Upper
88 100
43 38.6 30.8 46.2
58 76.4 59.8 89.8



#50
Toluene-d8
Concen: 48.654 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

Tgt Ion: 98 Resp: 293965
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 261.561 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

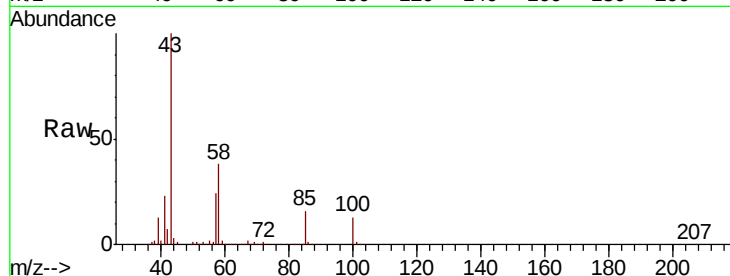
VSTDCCC050EC

Tot Ion: 43 Resp: 628274

Ion Ratio Lower Upper

43 100

58 38.1 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-2529) (-)

Ion 58.00 (57.70 to 58.70): VN060565.D (-2529) (-)

9.97

400000

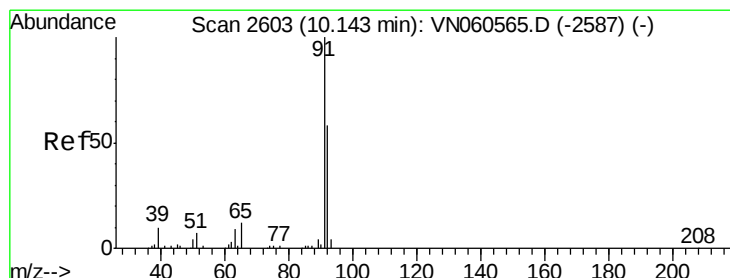
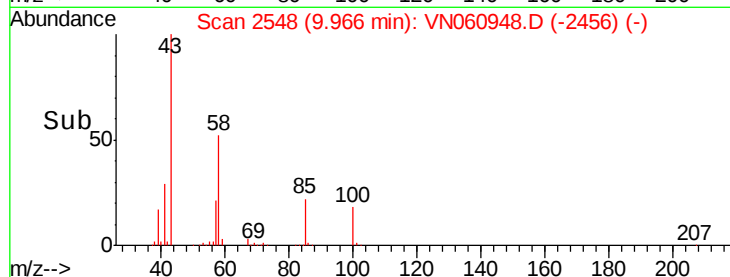
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 46.379 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060948.D

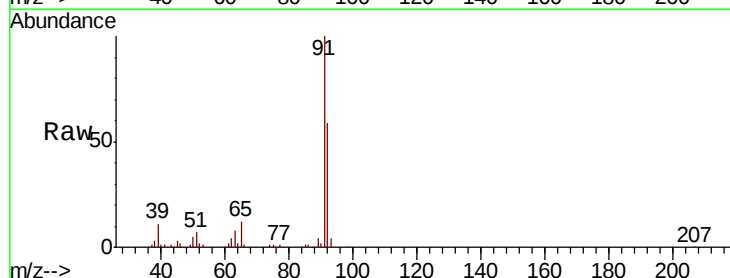
Acq: 14 Apr 2020 20:46

Tgt Ion: 92 Resp: 200291

Ion Ratio Lower Upper

92 100

91 171.9 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VN060565.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN060565.D (-2587) (-)

10.14

200000

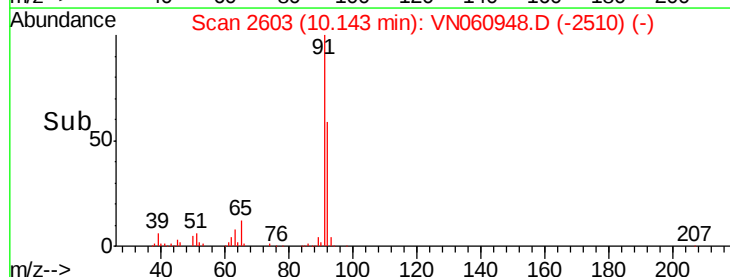
150000

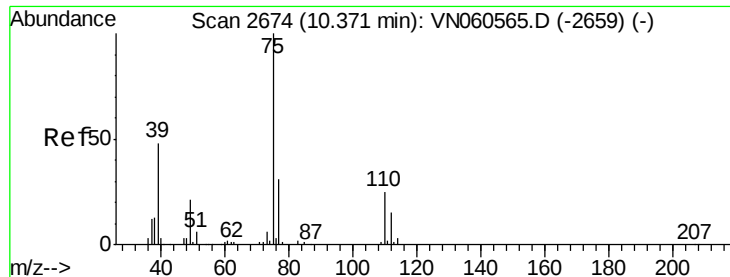
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.068 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

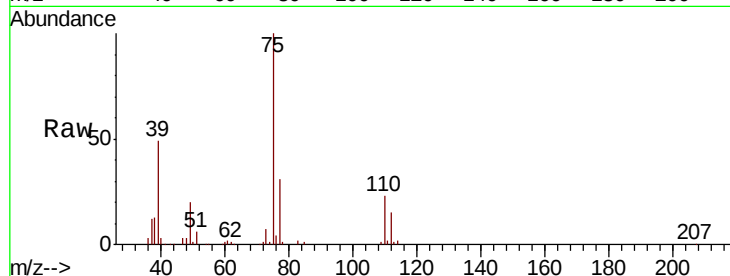
VSTDCCC050EC

Tot Ion: 75 Resp: 133606

Ion Ratio Lower Upper

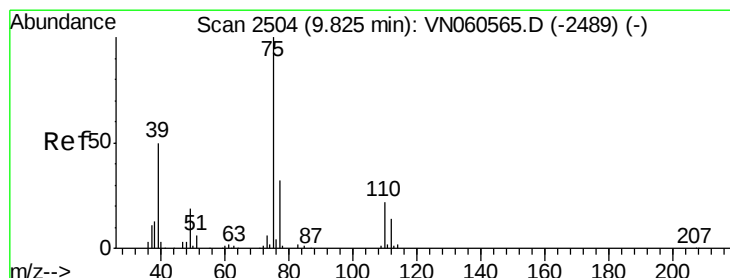
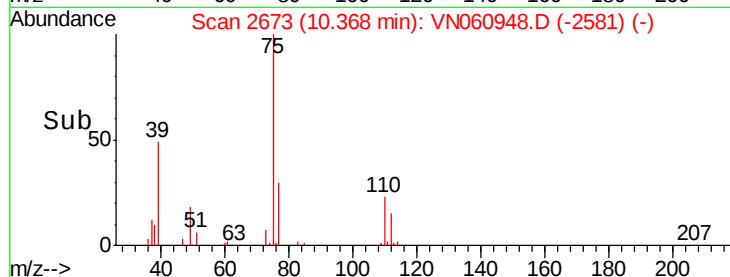
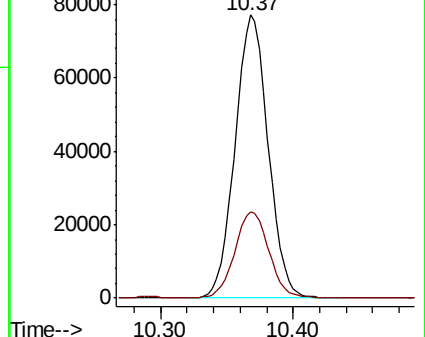
75 100

77 30.4 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN060565.D (-2659) (-)

Ion 76.90 (76.60 to 77.60): VN060565.D (-2659) (-)



#54

cis-1,3-Dichloropropene

Concen: 47.520 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

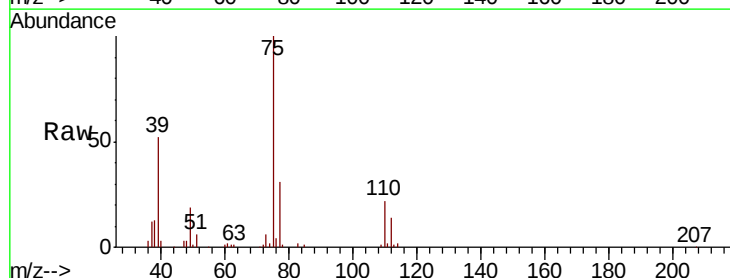
Tgt Ion: 75 Resp: 141948

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

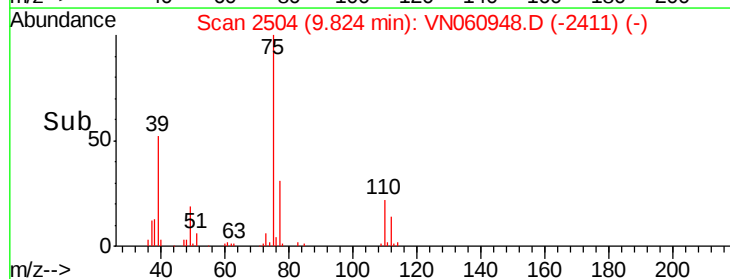
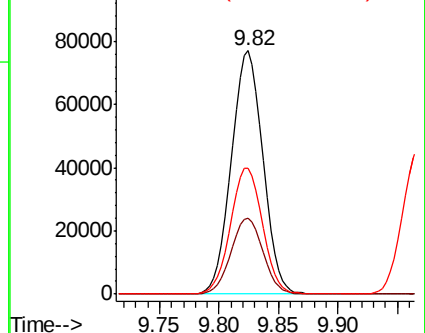
39 51.9 40.2 60.4

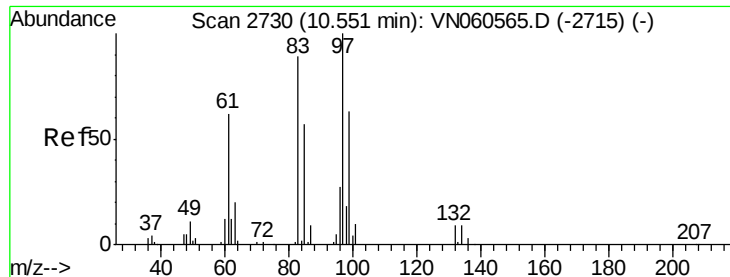


Abundance Ion 74.90 (74.60 to 75.60): VN060565.D (-2489) (-)

Ion 76.90 (76.60 to 77.60): VN060565.D (-2489) (-)

Ion 39.00 (38.70 to 39.70): VN060565.D (-2489) (-)





#55

1,1,2-Trichloroethane

Concen: 48.310 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 80264

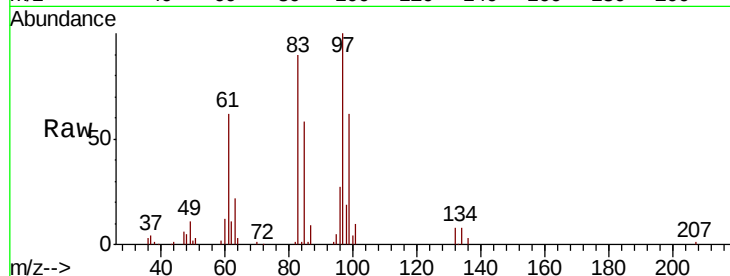
Ion Ratio Lower Upper

97 100

83 89.6 71.3 106.9

85 58.0 45.2 67.8

99 61.9 50.1 75.1

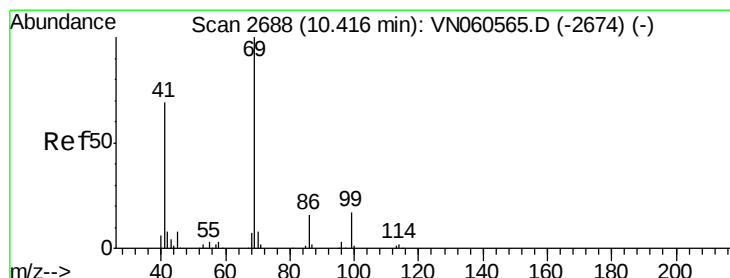
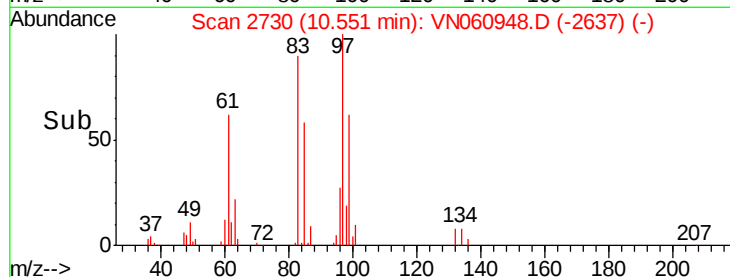
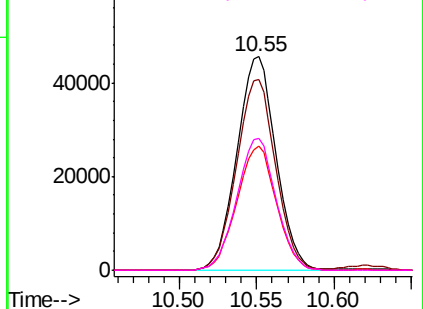


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 51.208 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

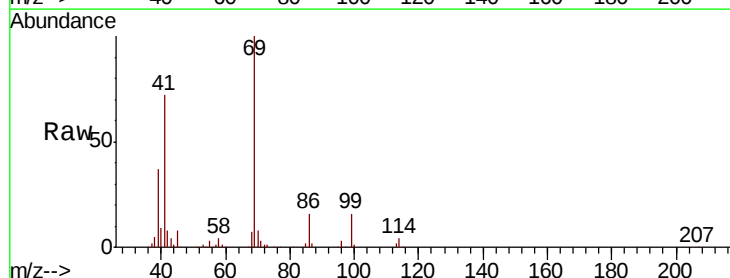
Tgt Ion: 69 Resp: 132657

Ion Ratio Lower Upper

69 100

41 71.9 55.4 83.2

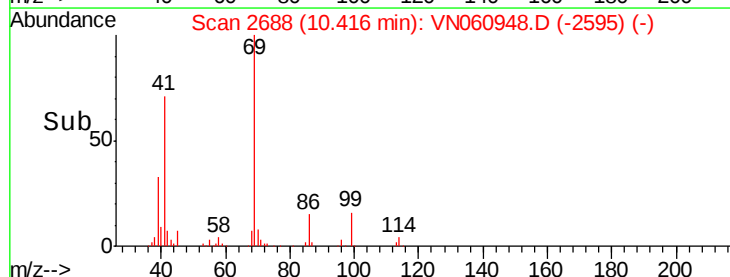
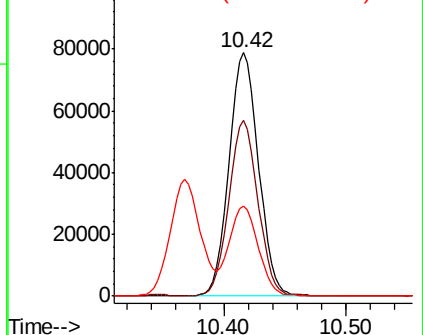
39 37.3 29.4 44.0



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: 48.737 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

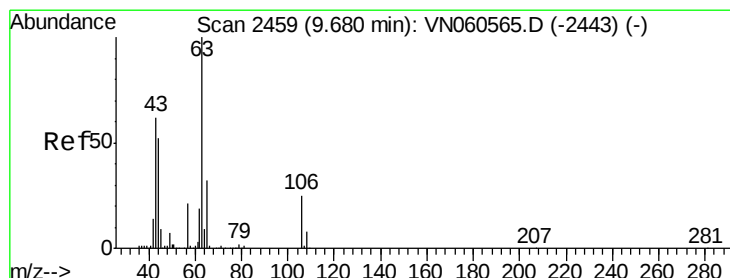
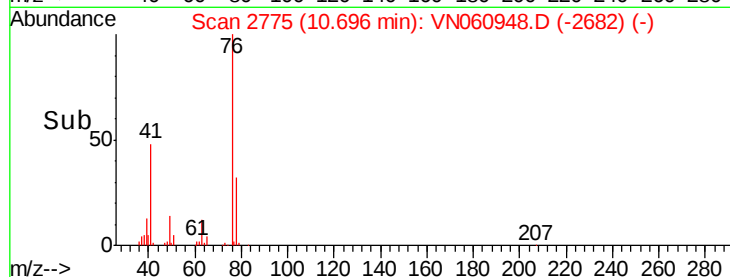
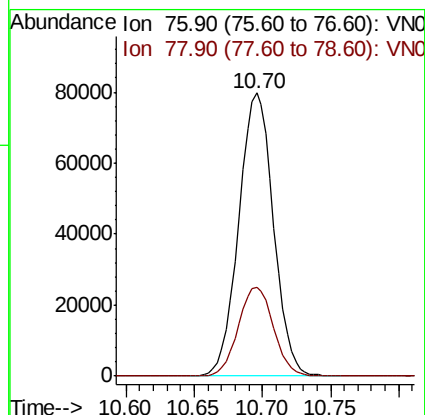
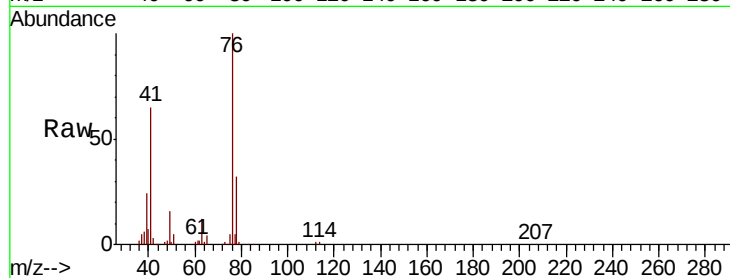
VSTDCCC050EC

Tot Ion: 76 Resp: 140512

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 239.952 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060948.D

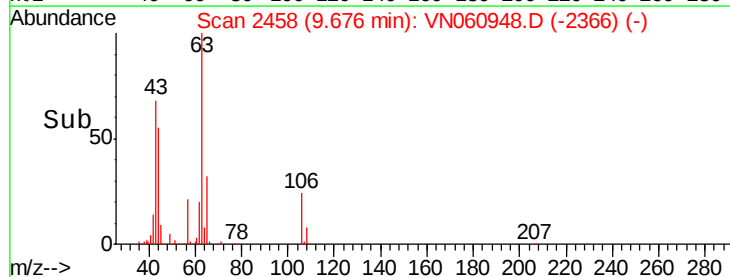
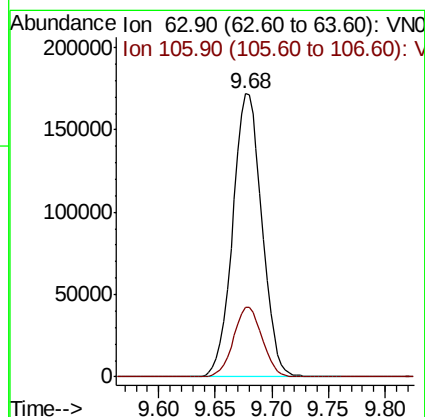
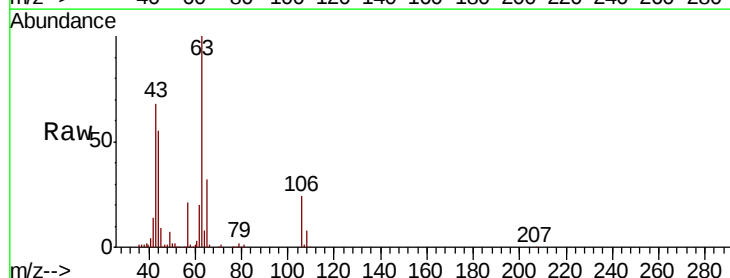
Acq: 14 Apr 2020 20:46

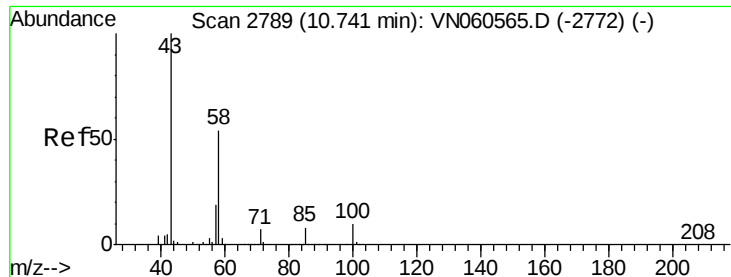
Tgt Ion: 63 Resp: 308945

Ion Ratio Lower Upper

63 100

106 24.3 20.0 30.0

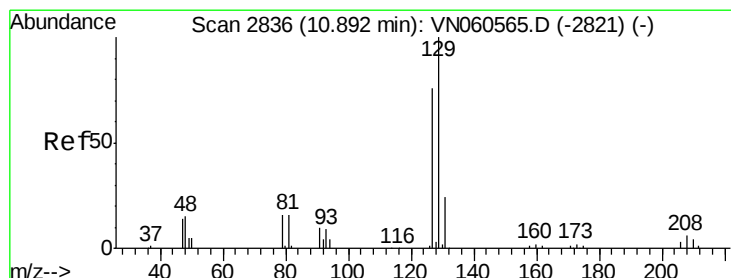
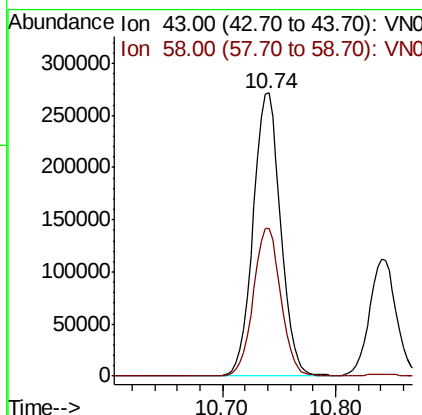
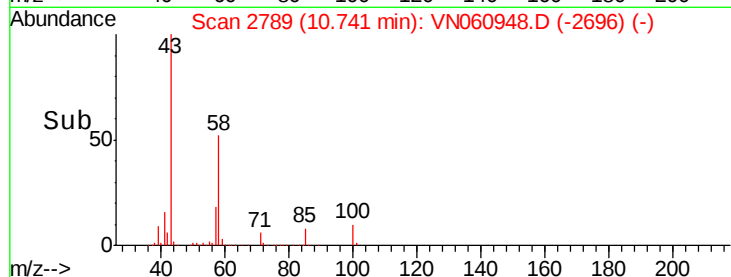
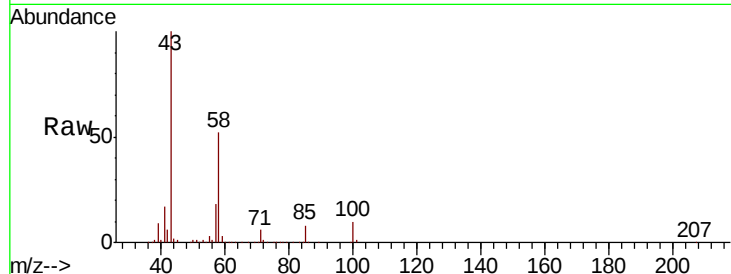




#59
2-Hexanone
Concen: 264.705 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

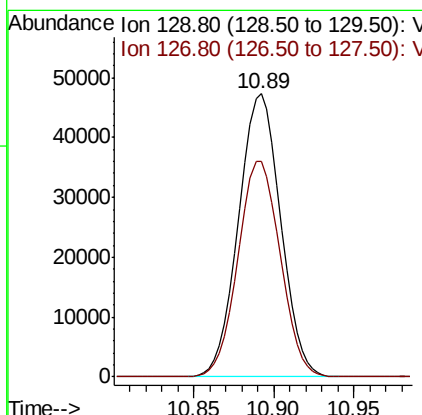
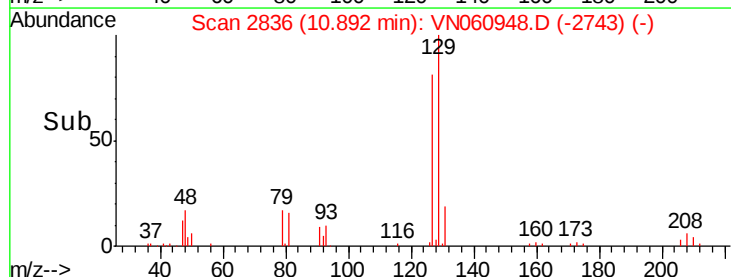
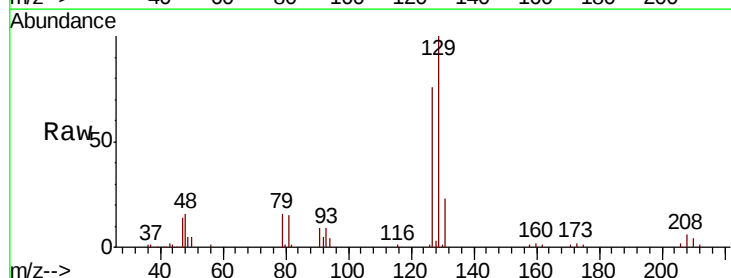
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

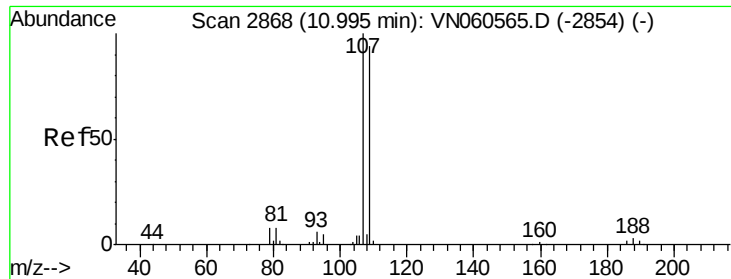
Tot Ion: 43 Resp: 458020
Ion Ratio Lower Upper
43 100
58 52.3 26.7 80.1



#60
Dibromochloromethane
Concen: 49.536 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

Tgt Ion: 129 Resp: 85012
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

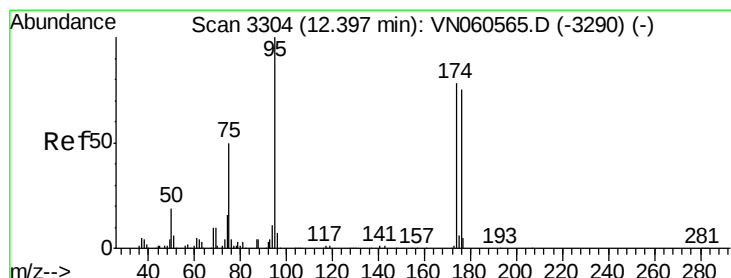
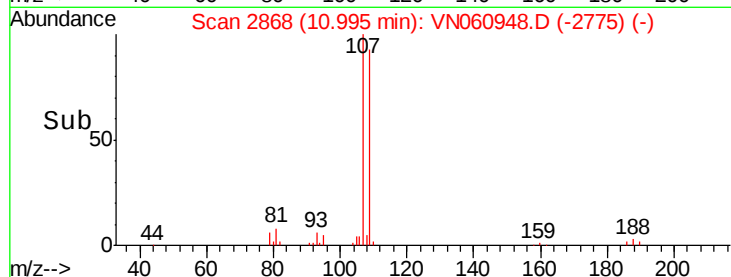
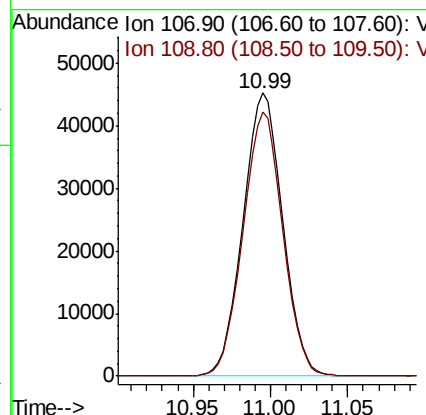
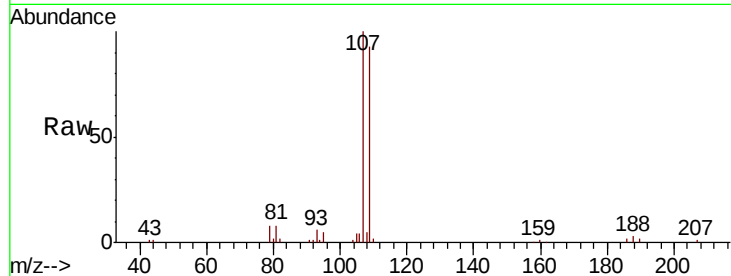




#61
 1,2-Dibromoethane
 Concen: 48.234 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060948.D
 Acq: 14 Apr 2020 20:46

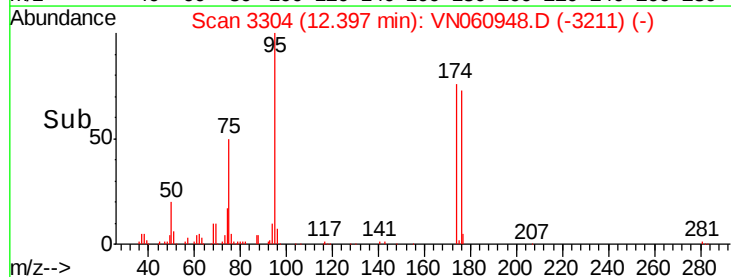
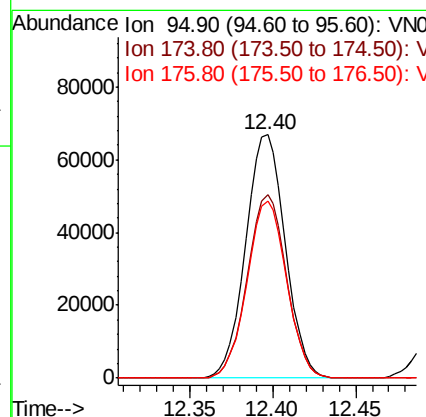
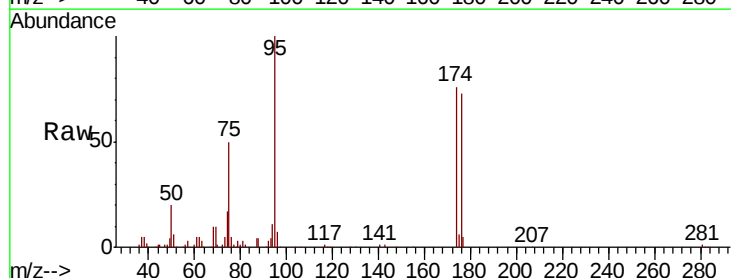
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:107 Resp: 80582
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 50.061 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060948.D
 Acq: 14 Apr 2020 20:46

Tgt Ion: 95 Resp: 110851
 Ion Ratio Lower Upper
 95 100
 174 74.8 0.0 157.6
 176 72.7 0.0 150.6

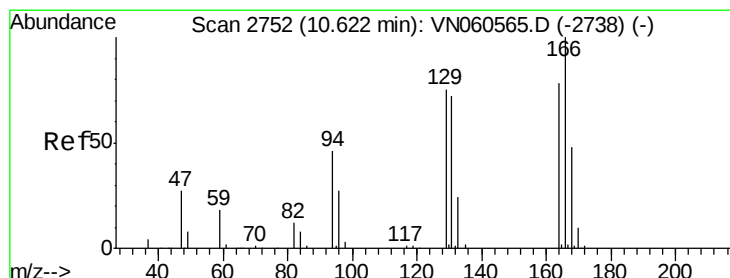
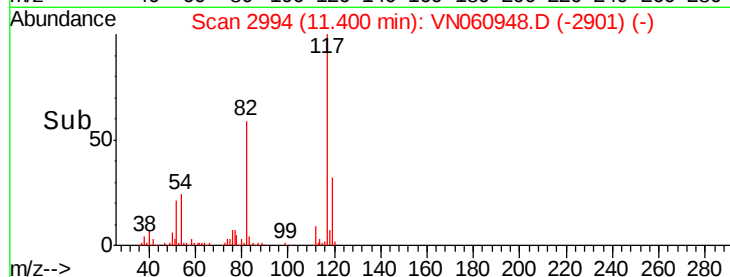
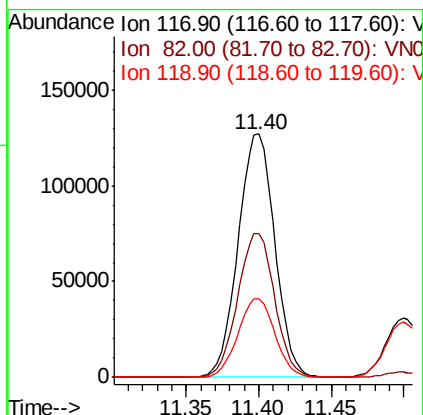
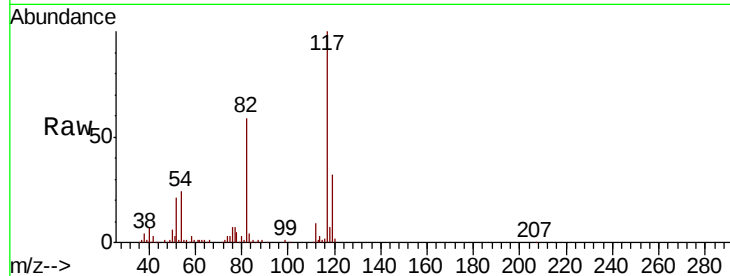




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

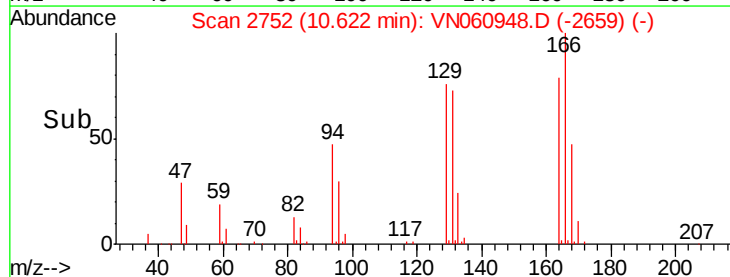
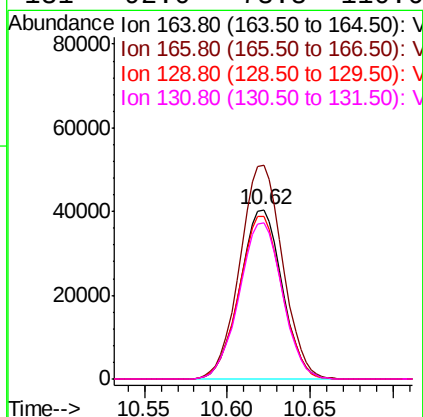
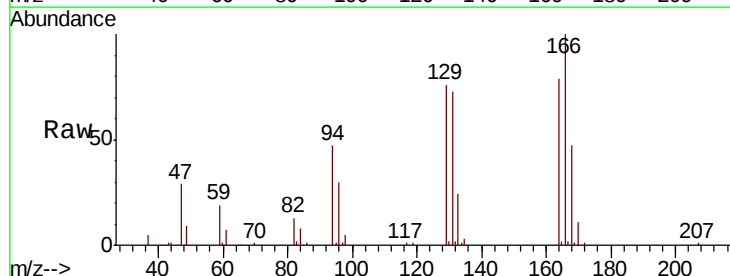
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 223582
Ion Ratio Lower Upper
117 100
82 58.9 46.7 70.1
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 40.795 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

Tgt Ion:164 Resp: 71775
Ion Ratio Lower Upper
164 100
166 126.1 102.7 154.1
129 95.6 77.2 115.8
131 92.0 73.8 110.6

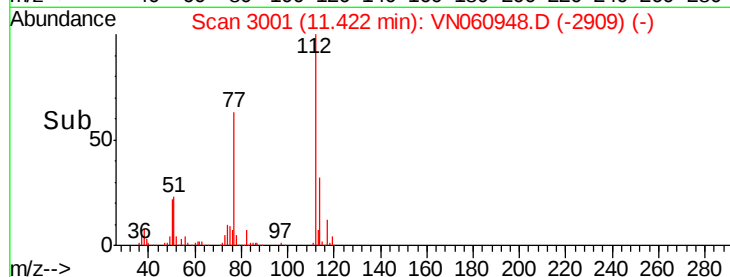
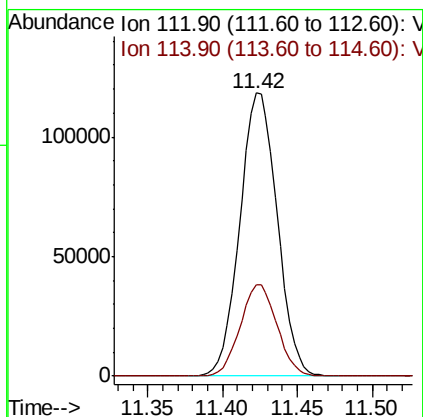
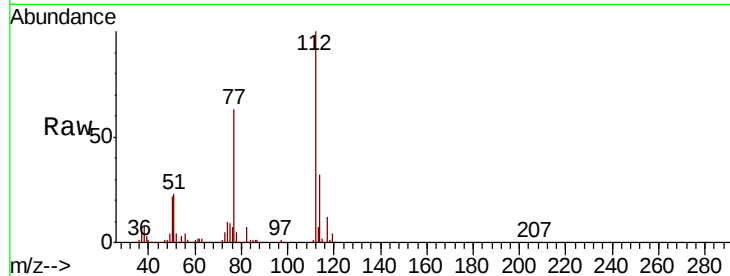




#65
Chlorobenzene
Concen: 46.415 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

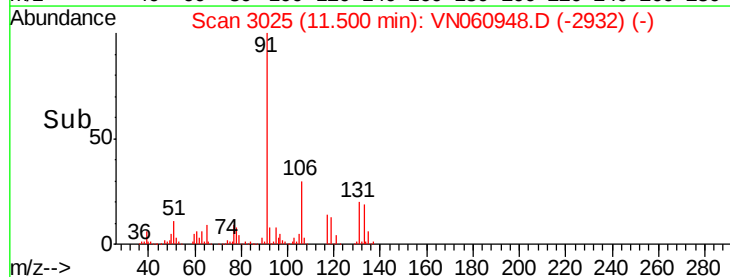
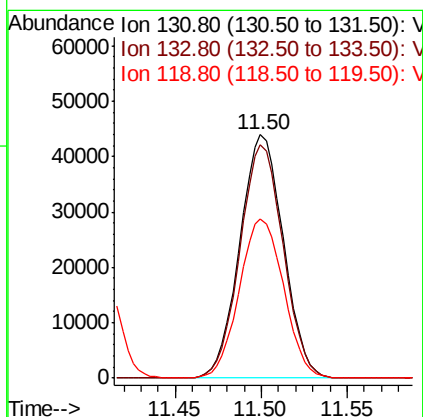
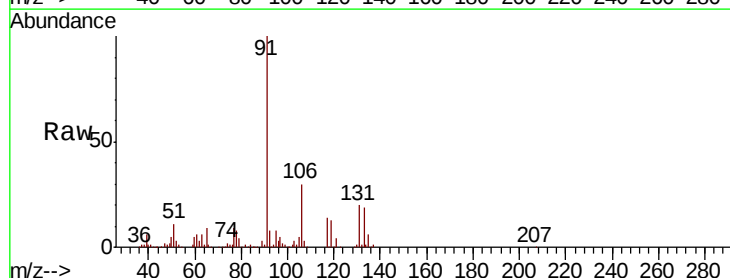
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 205723
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.140 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

Tgt Ion:131 Resp: 77254
Ion Ratio Lower Upper
131 100
133 95.2 48.9 146.8
119 66.4 33.9 101.7





#67

Ethyl Benzene

Concen: 47.146 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

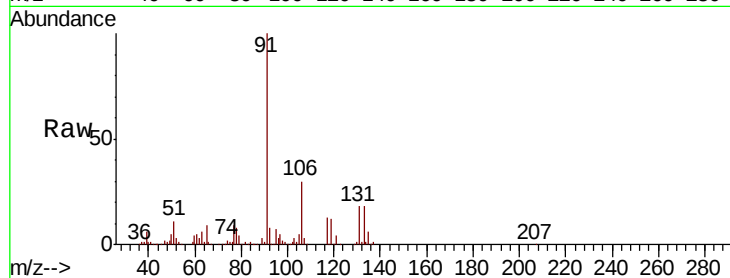
VSTDCCC050EC

Tot Ion: 91 Resp: 388601

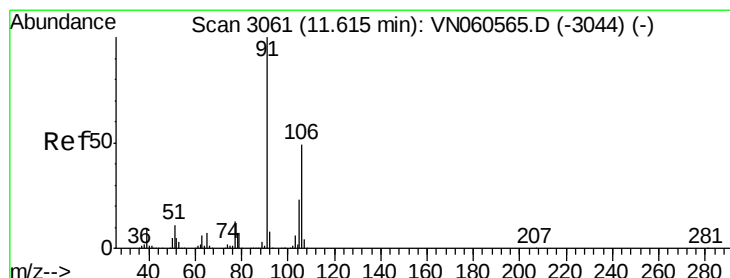
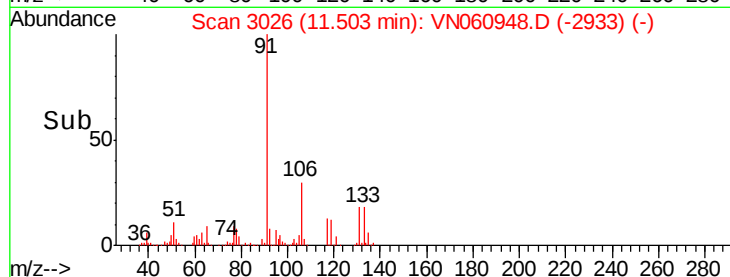
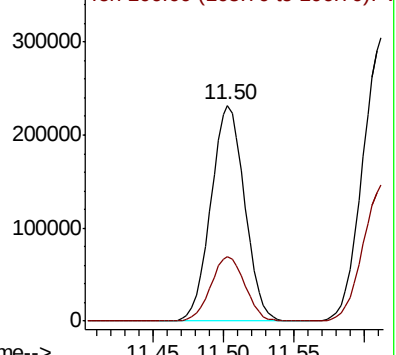
Ion Ratio Lower Upper

91 100

106 30.1 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VN060565.D (-3011) (-)



#68

m/p-Xylenes

Concen: 92.955 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060948.D

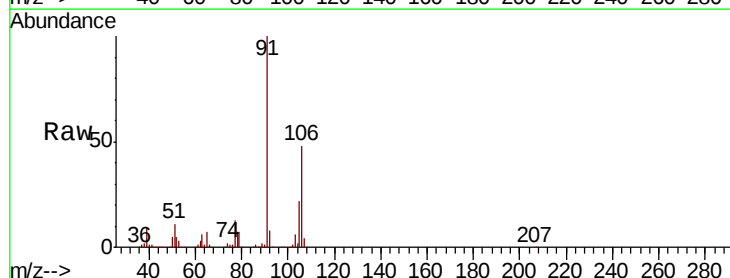
Acq: 14 Apr 2020 20:46

Tgt Ion: 106 Resp: 284719

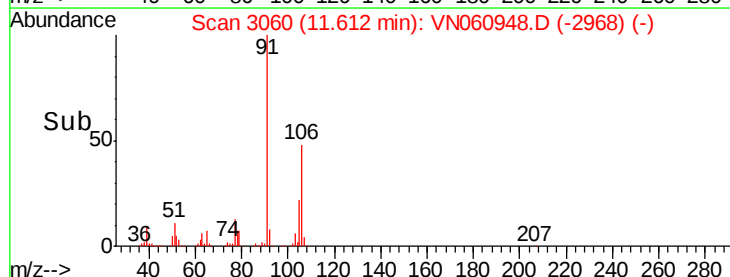
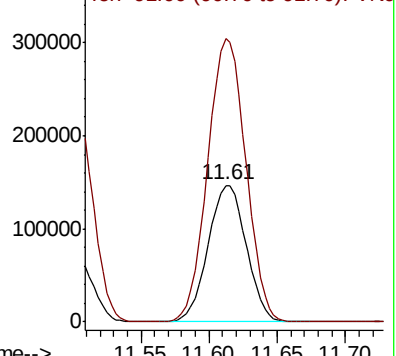
Ion Ratio Lower Upper

106 100

91 208.0 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): VN060565.D (-3044) (-)

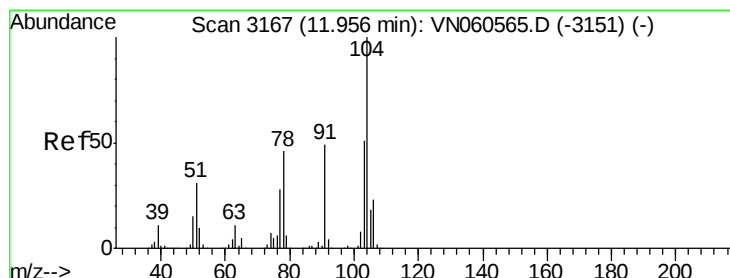
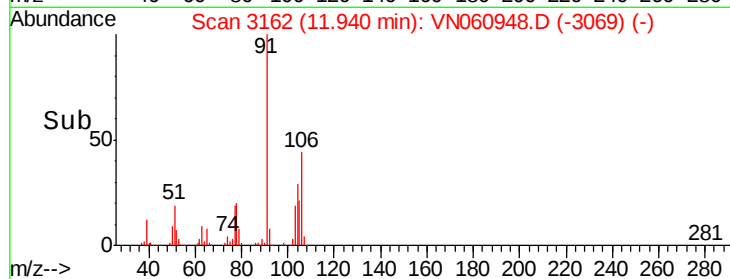
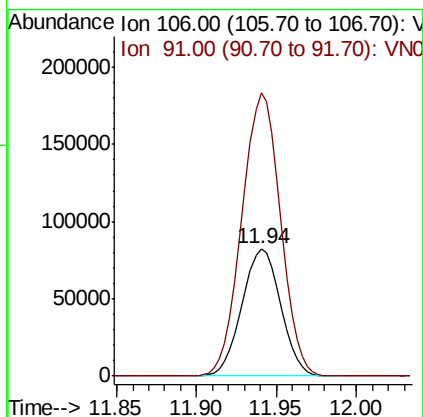
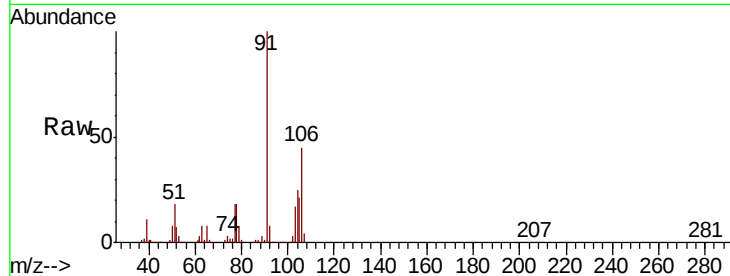




#69
o-Xylene
Concen: 46.542 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

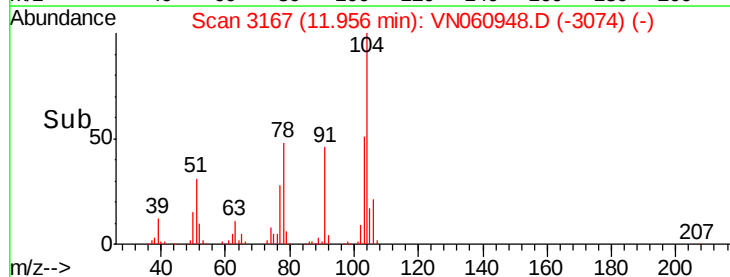
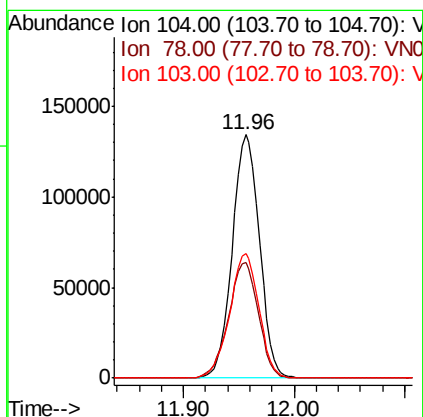
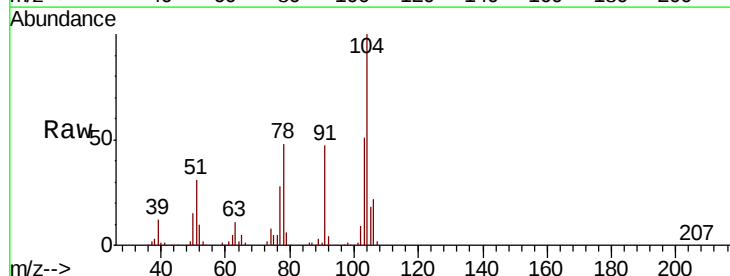
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

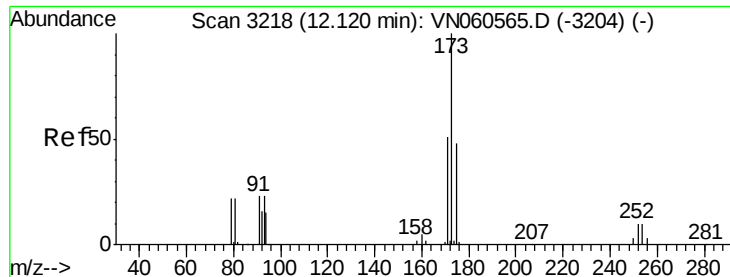
Tot Ion:106 Resp: 136086
Ion Ratio Lower Upper
106 100
91 221.9 109.5 328.4



#70
Styrene
Concen: 48.071 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

Tgt Ion:104 Resp: 229883
Ion Ratio Lower Upper
104 100
78 52.1 41.2 61.8
103 55.0 44.0 66.0

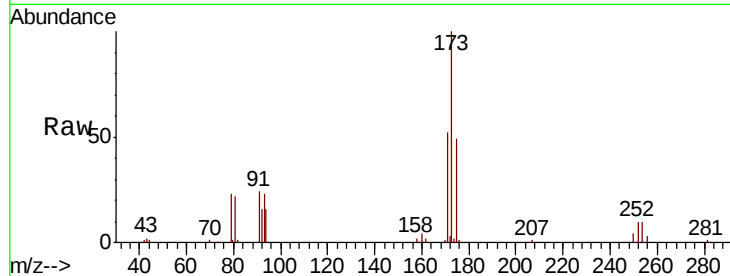




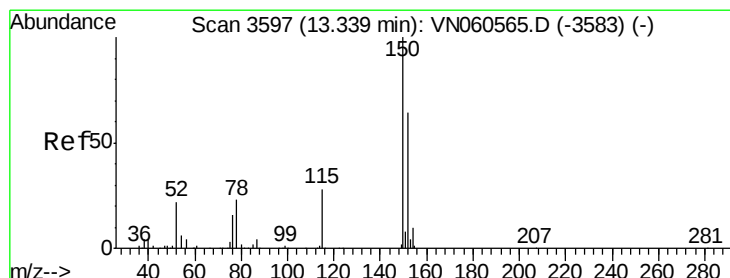
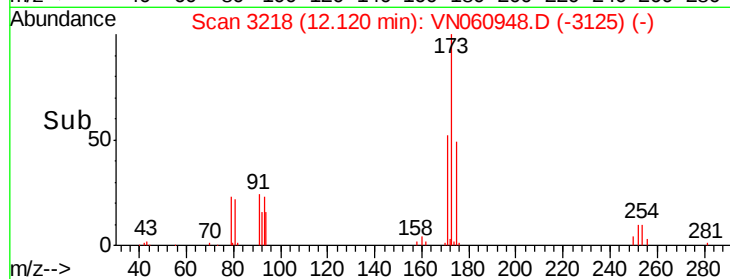
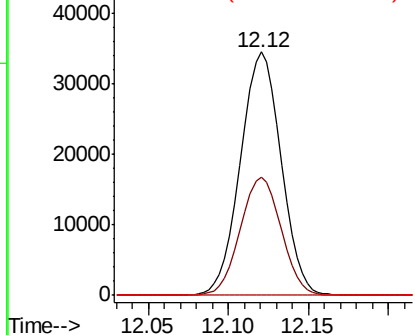
#71
Bromoform
Concen: 45.080 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 59899
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.4
254 0.0 0.0 0.0

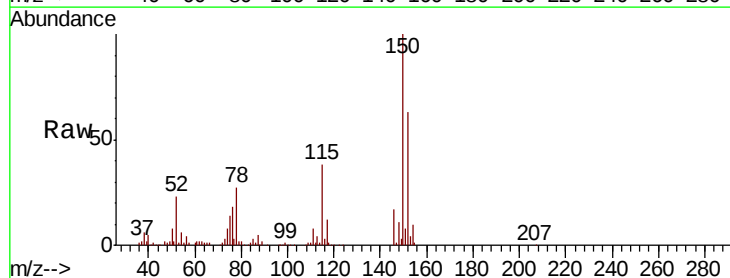


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

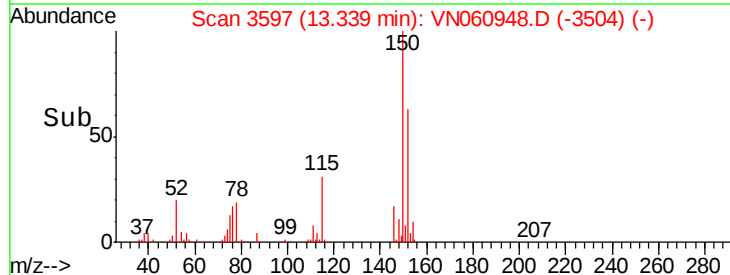
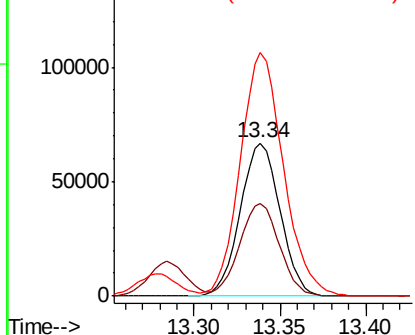


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

Tgt Ion:152 Resp: 107861
Ion Ratio Lower Upper
152 100
115 60.3 30.2 90.6
150 172.4 0.0 350.2



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: 45.772 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

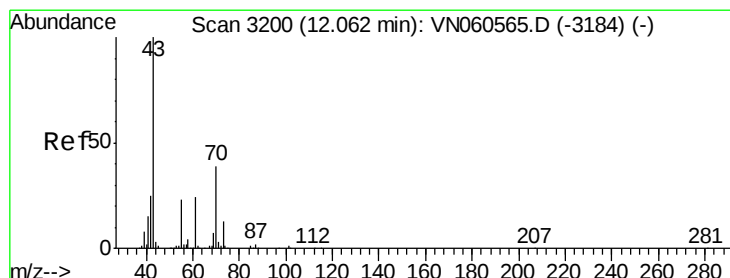
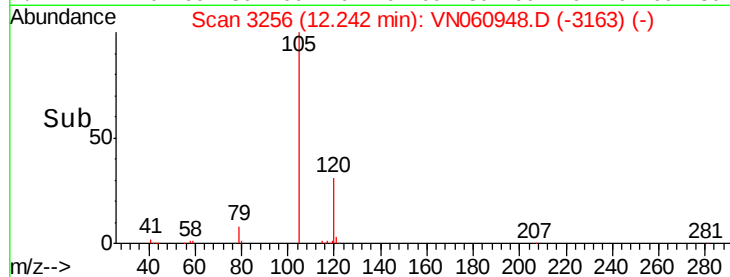
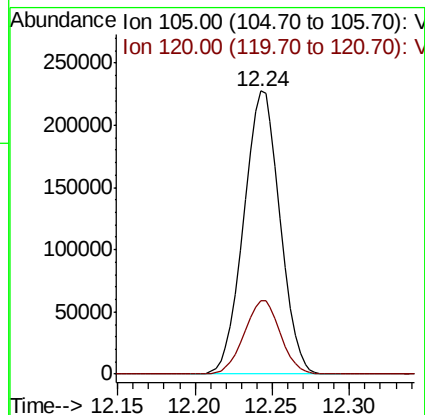
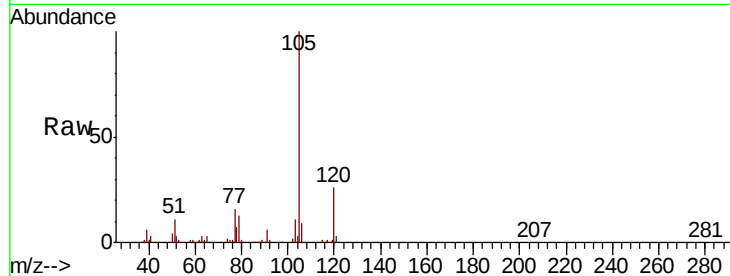
VSTDCCC050EC

Tot Ion:105 Resp: 370499

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.1



#74

N-ethyl acetate

Concen: 49.458 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Tgt Ion: 43 Resp: 184993

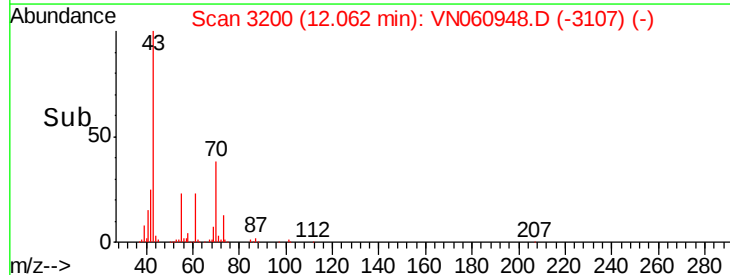
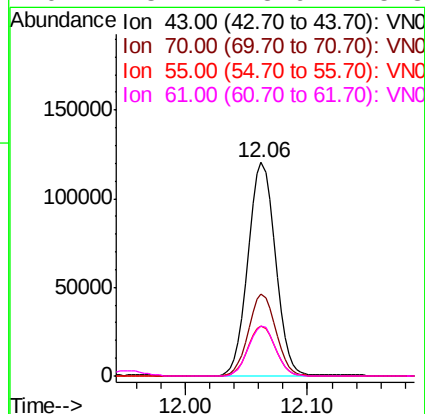
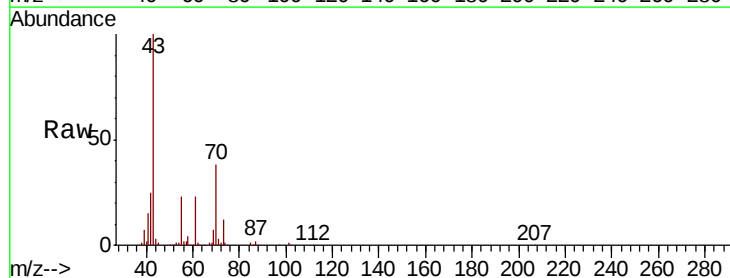
Ion Ratio Lower Upper

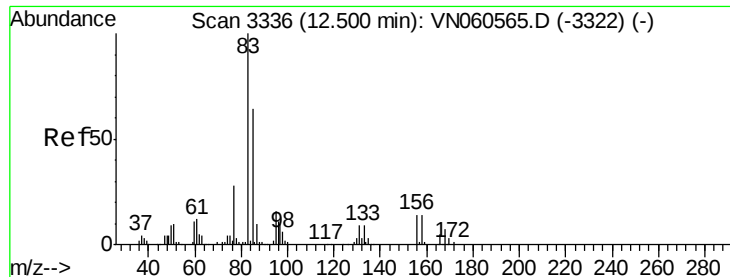
43 100

70 38.5 31.1 46.7

55 23.5 18.6 27.8

61 23.1 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.852 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

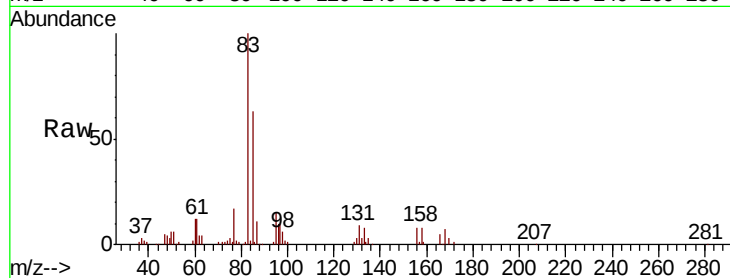
Tot Ion: 83 Resp: 119583

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

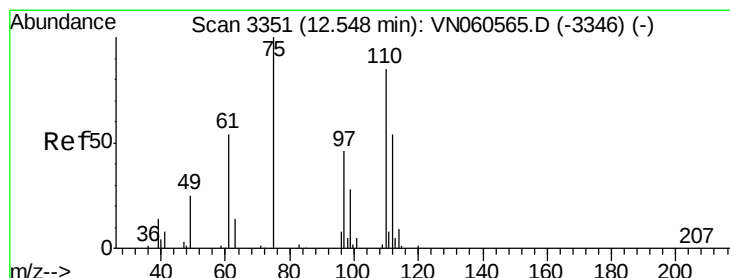
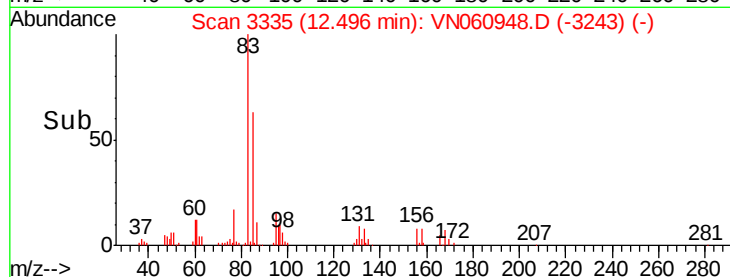
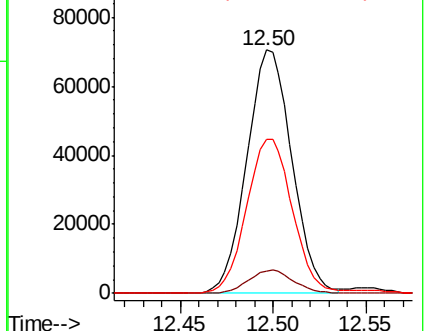
85 64.4 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060948.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN060948.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN060948.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 69.090 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060948.D

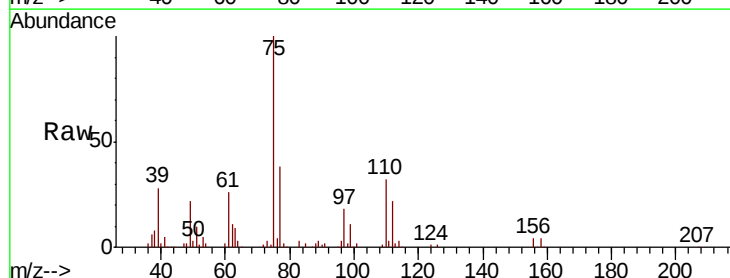
Acq: 14 Apr 2020 20:46

Tgt Ion: 75 Resp: 160801

Ion Ratio Lower Upper

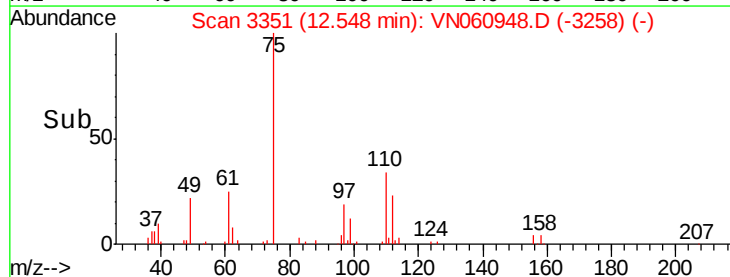
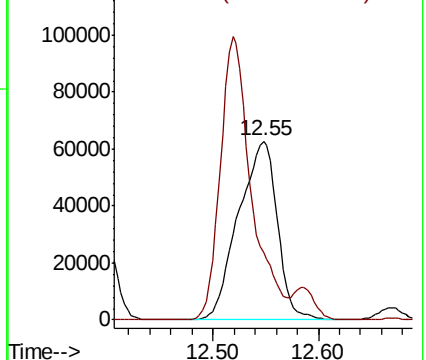
75 100

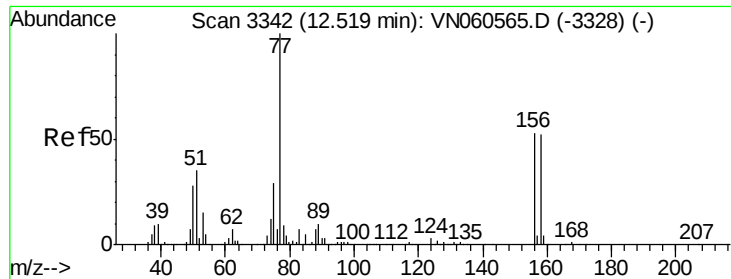
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060948.D (-3351) (-)

Ion 77.00 (76.70 to 77.70): VN060948.D (-3351) (-)





#77

Bromobenzene

Concen: 44.504 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

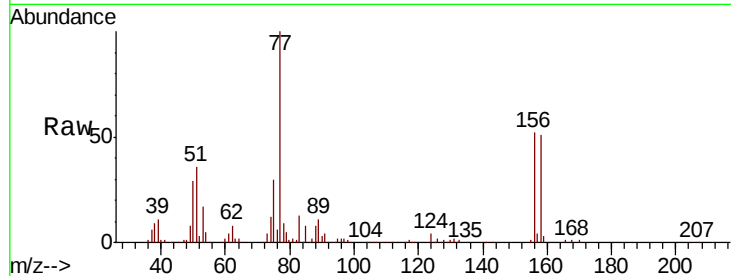
Tot Ion:156 Resp: 86806

Ion Ratio Lower Upper

156 100

77 233.3 112.3 337.0

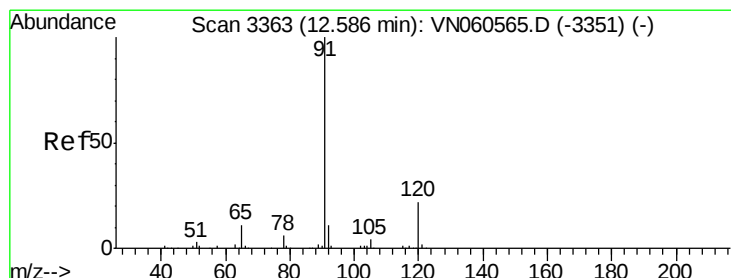
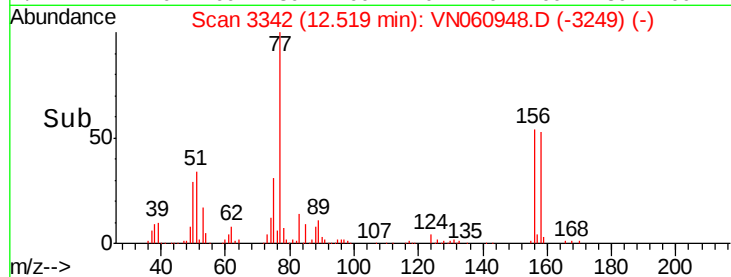
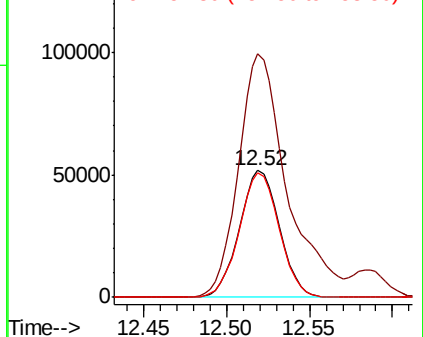
158 98.0 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.825 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060948.D

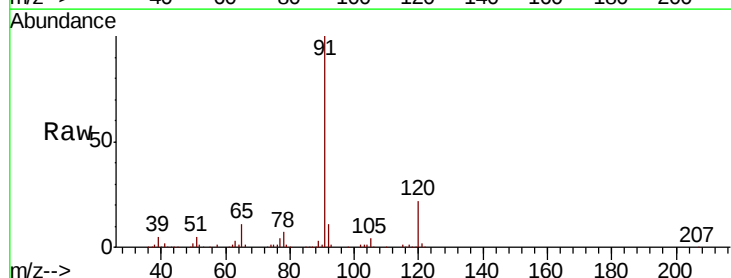
Acq: 14 Apr 2020 20:46

Tgt Ion: 91 Resp: 438234

Ion Ratio Lower Upper

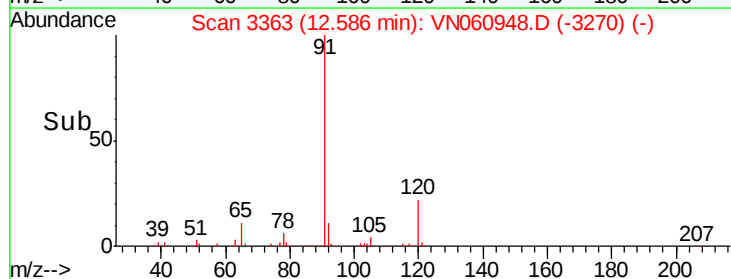
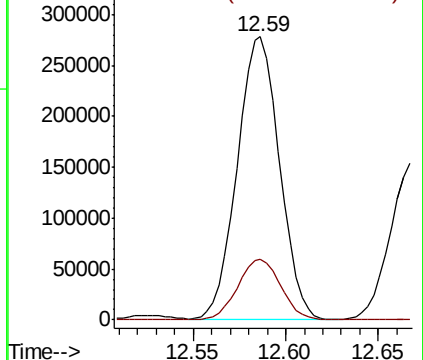
91 100

120 21.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

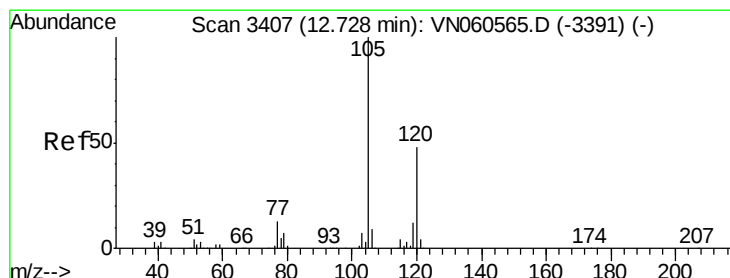
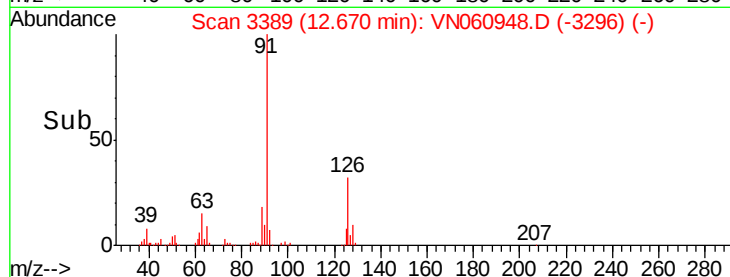
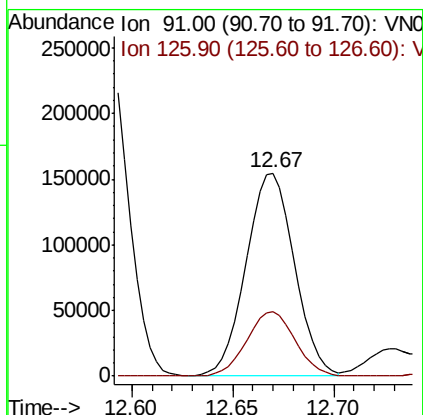
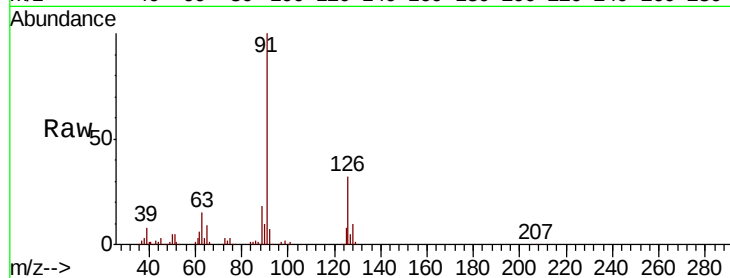




#79
 2-Chlorotoluene
 Concen: 45.234 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VN060948.D
 Acq: 14 Apr 2020 20:46

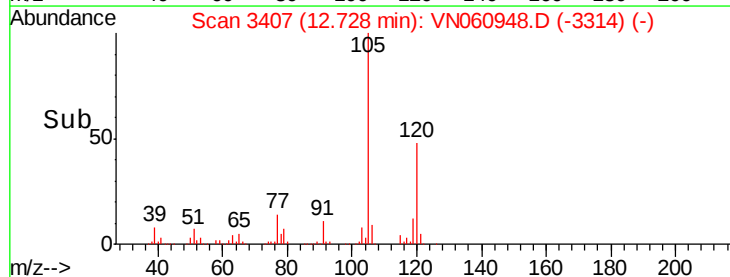
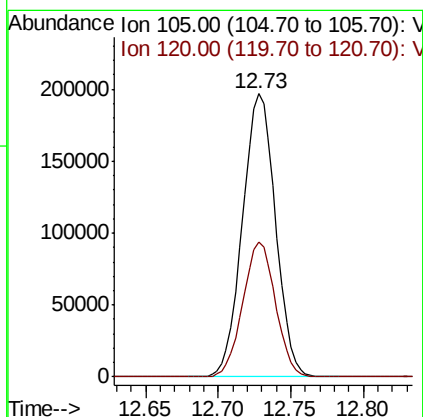
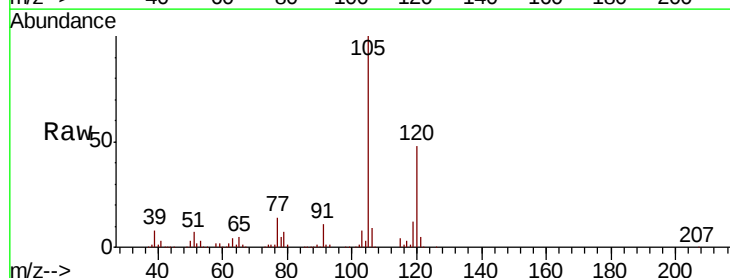
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 258468
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 45.395 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN060948.D
 Acq: 14 Apr 2020 20:46

Tgt Ion: 105 Resp: 311831
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.9 71.7

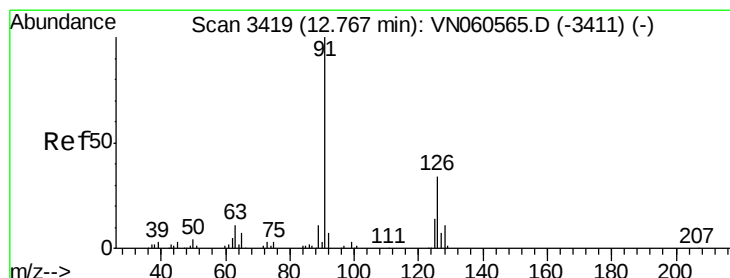
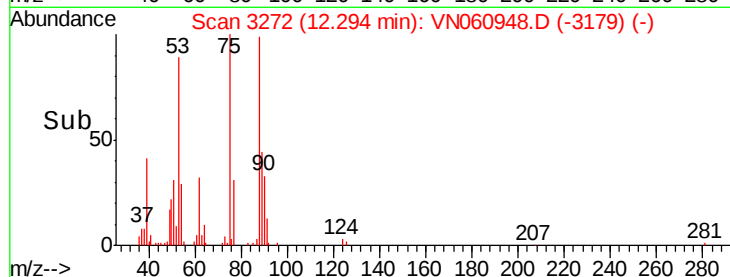
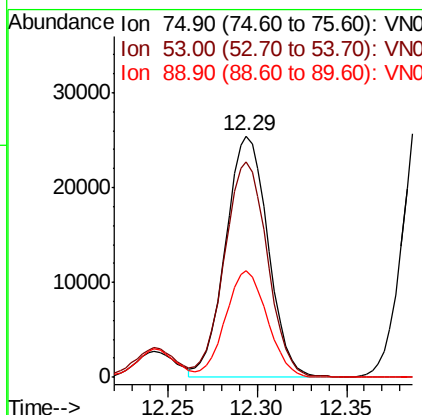
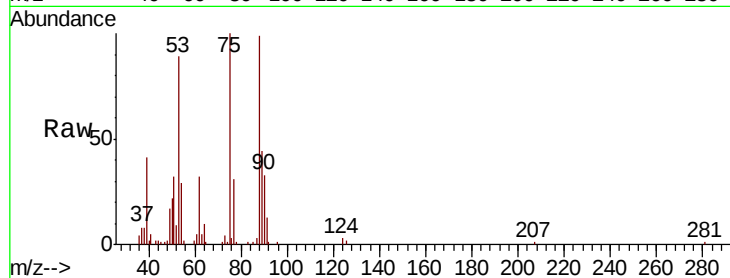




#81
trans-1,4-Dichloro-2-butene
Concen: 46.526 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

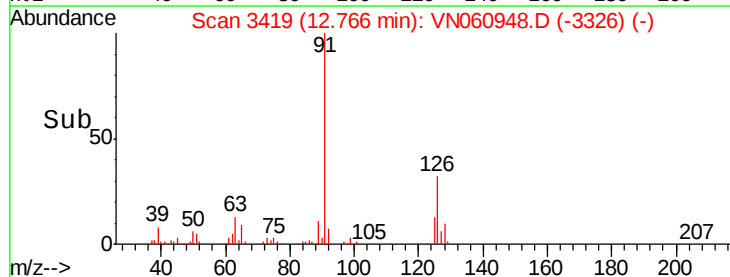
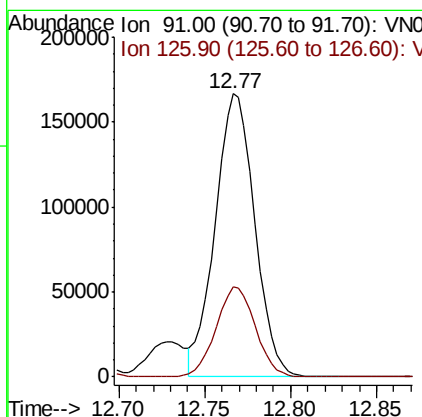
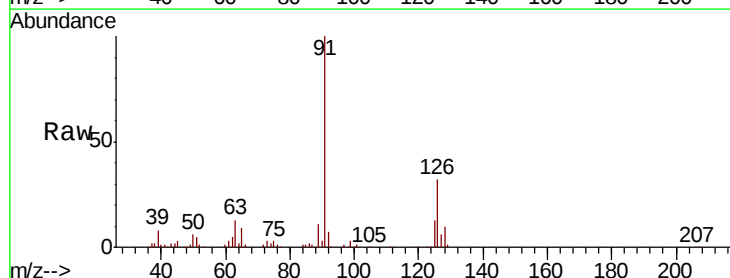
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

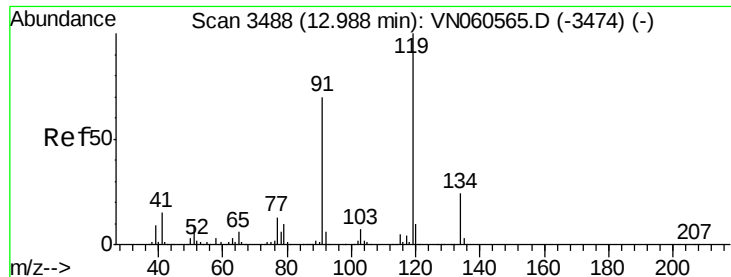
Tot Ion: 75 Resp: 42162
Ion Ratio Lower Upper
75 100
53 90.5 73.0 109.4
89 43.4 34.8 52.2



#82
4-Chlorotoluene
Concen: 46.030 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

Tgt Ion: 91 Resp: 267875
Ion Ratio Lower Upper
91 100
126 31.8 16.2 48.5

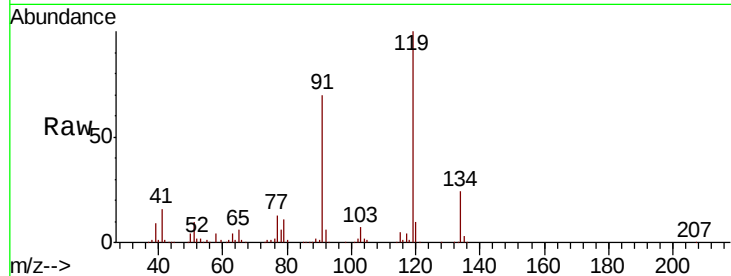




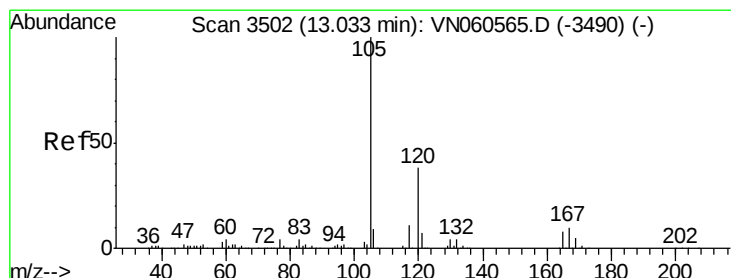
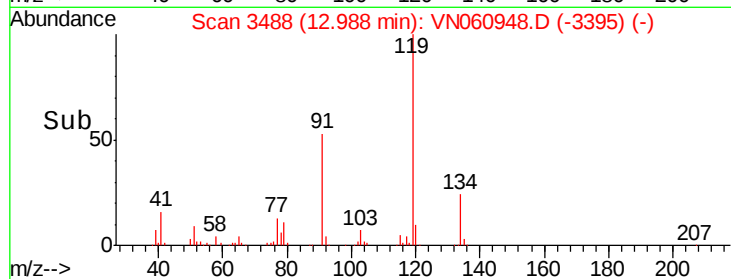
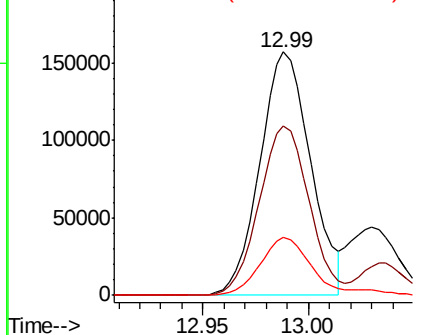
#83
 tert-Butylbenzene
 Concen: 46.078 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060948.D
 Acq: 14 Apr 2020 20:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 262386
 Ion Ratio Lower Upper
 119 100
 91 68.4 34.0 101.8
 134 23.5 12.7 38.0

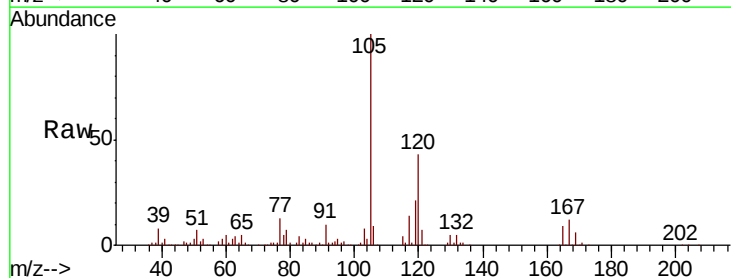


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

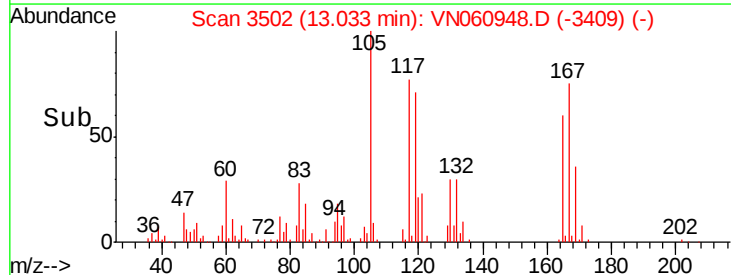
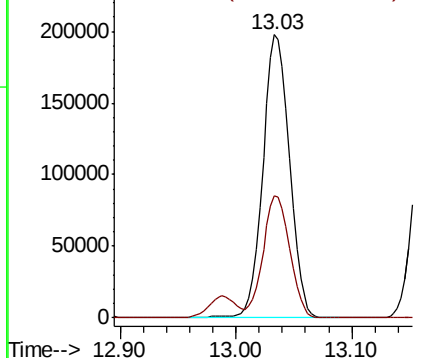


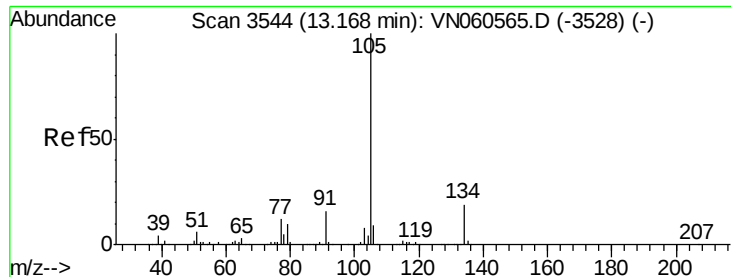
#84
 1,2,4-Trimethylbenzene
 Concen: 46.420 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN060948.D
 Acq: 14 Apr 2020 20:46

Tgt Ion:105 Resp: 315460
 Ion Ratio Lower Upper
 105 100
 120 43.2 22.1 66.5



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





#85

sec-Butylbenzene

Concen: 46.608 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

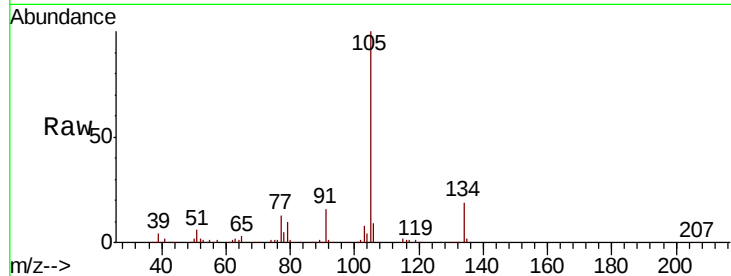
VSTDCCC050EC

Tot Ion:105 Resp: 356892

Ion Ratio Lower Upper

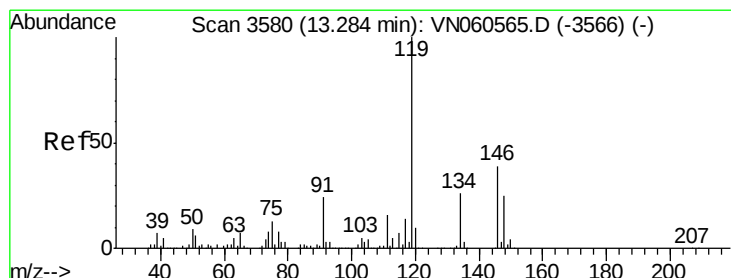
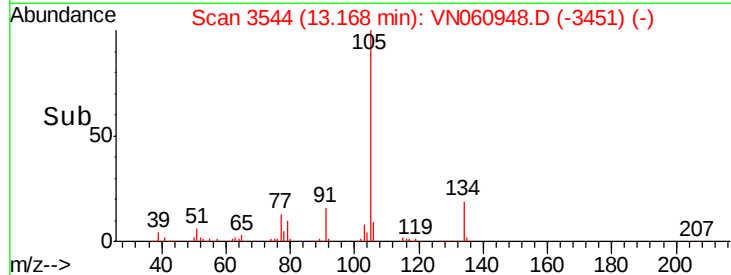
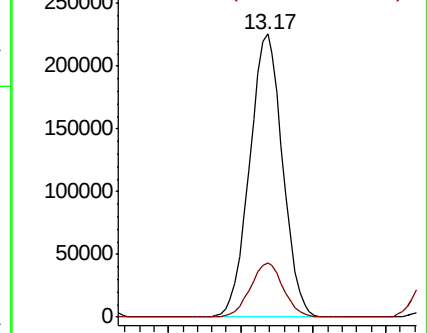
105 100

134 19.2 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.340 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060948.D

Acq: 14 Apr 2020 20:46

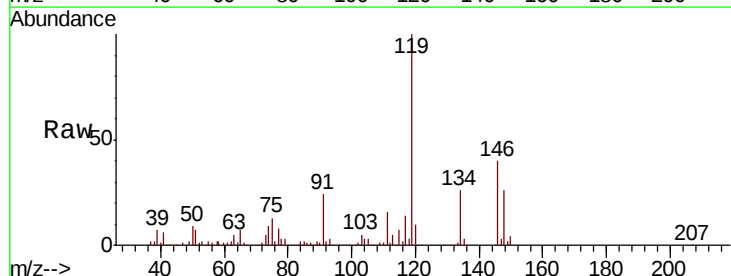
Tgt Ion:119 Resp: 319078

Ion Ratio Lower Upper

119 100

134 25.7 13.0 39.0

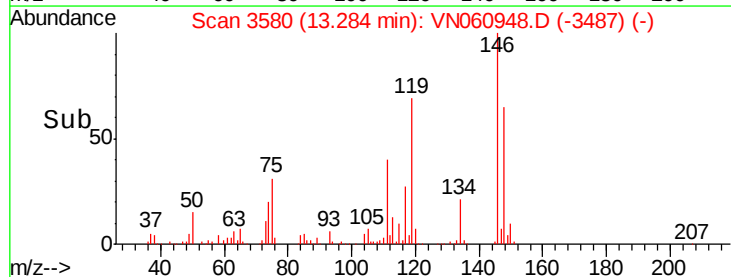
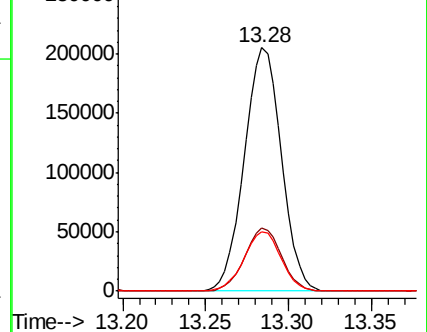
91 24.4 12.0 36.0

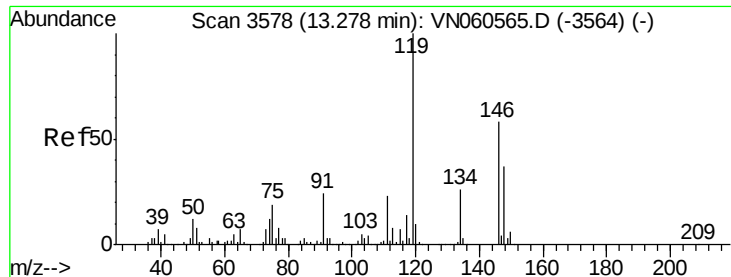


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

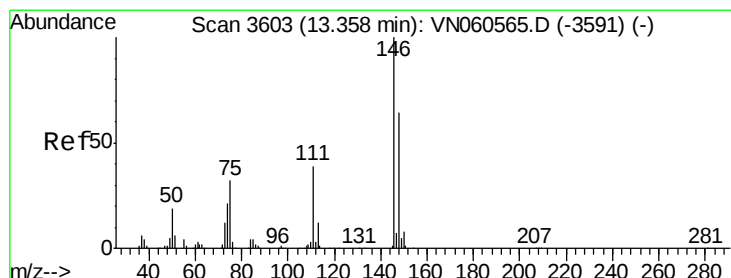
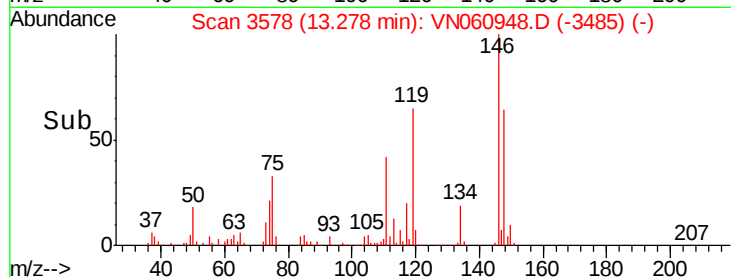
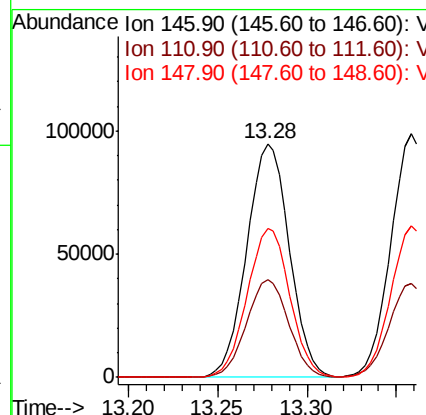
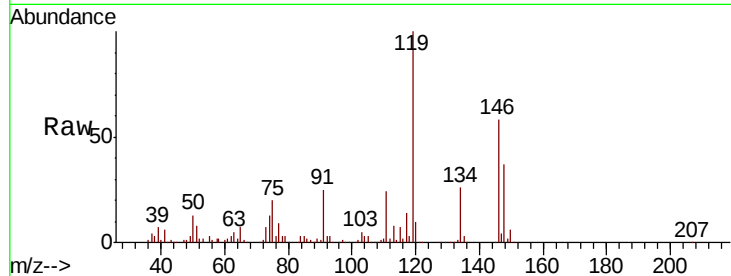




#87
 1,3-Dichlorobenzene
 Concen: 45.859 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060948.D
 Acq: 14 Apr 2020 20:46

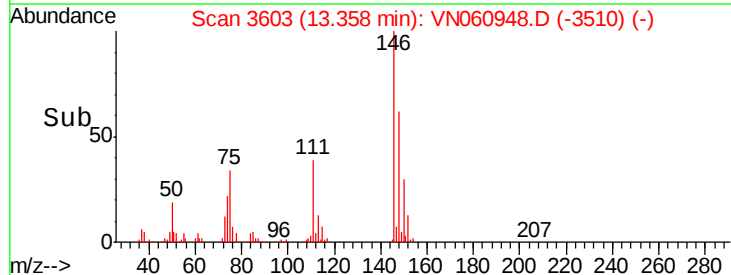
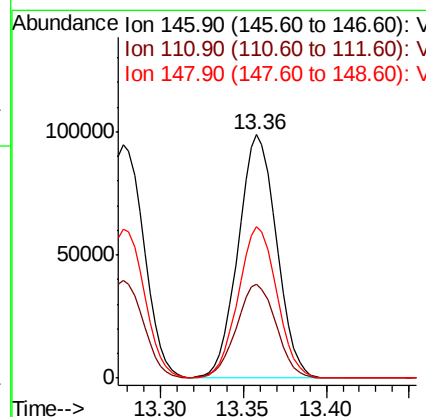
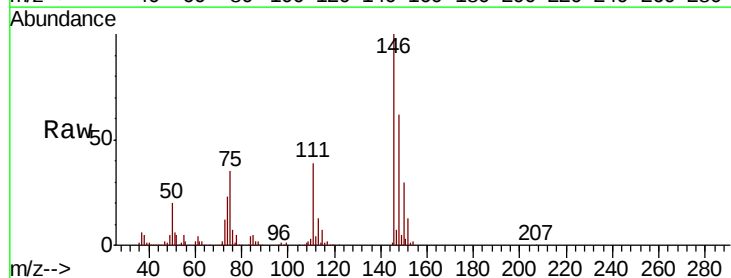
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

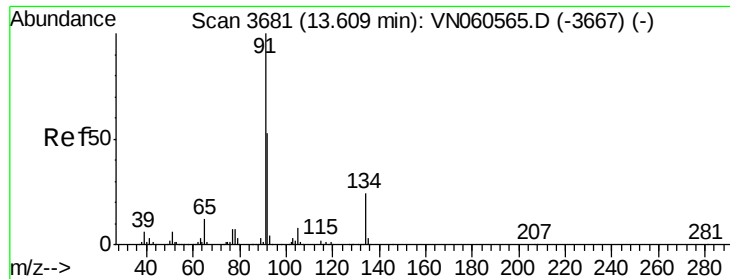
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.3	60.8
148	63.9	32.5	97.4



#88
 1,4-Dichlorobenzene
 Concen: 46.040 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060948.D
 Acq: 14 Apr 2020 20:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.6	58.7
148	62.6	32.1	96.3

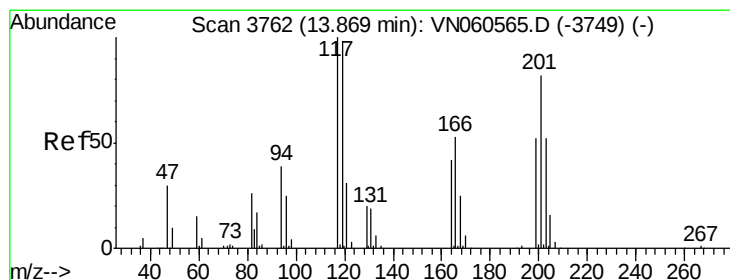
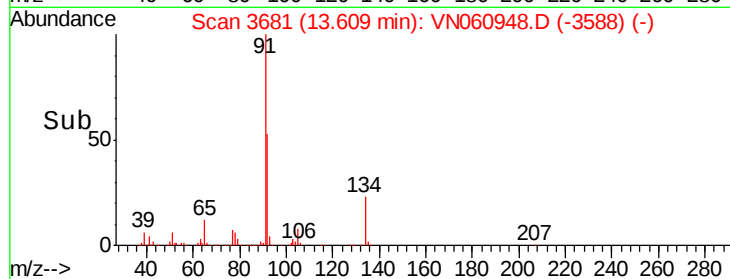
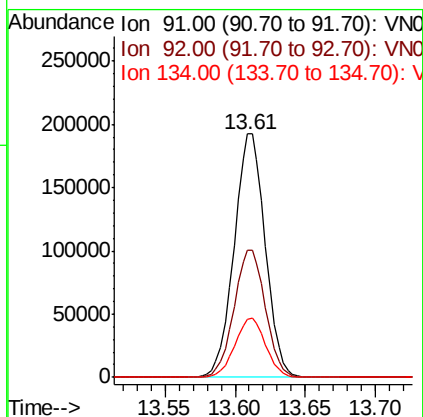
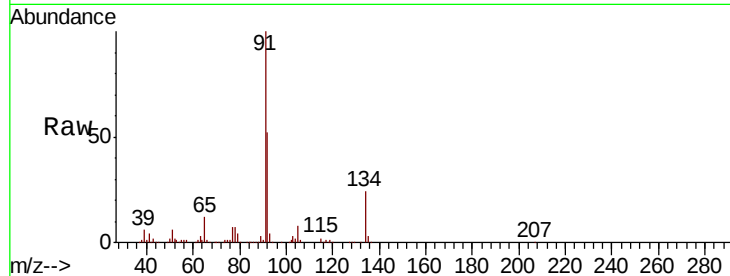




#89
n-Butylbenzene
Concen: 47.763 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

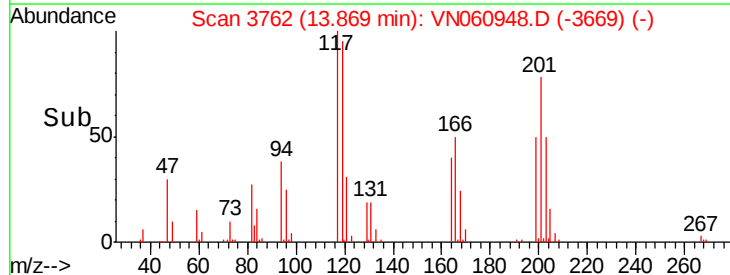
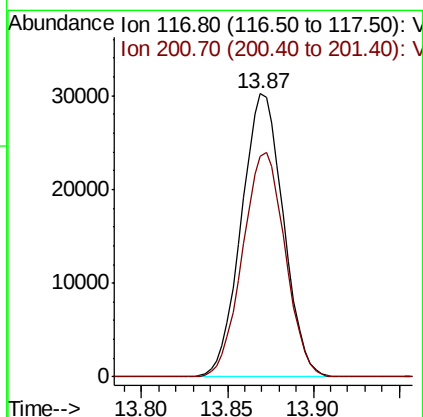
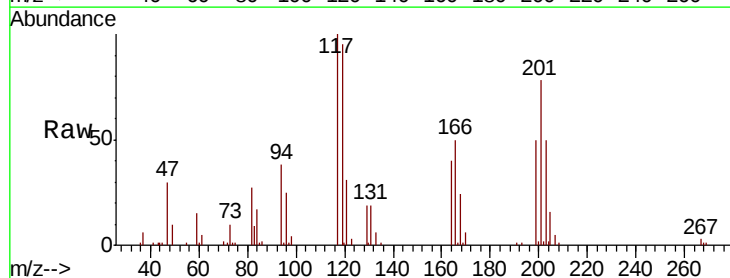
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 296929
Ion Ratio Lower Upper
91 100
92 52.6 26.2 78.5
134 24.2 12.3 36.9



#90
Hexachloroethane
Concen: 51.087 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

Tgt Ion: 117 Resp: 51132
Ion Ratio Lower Upper
117 100
201 80.2 40.8 122.5

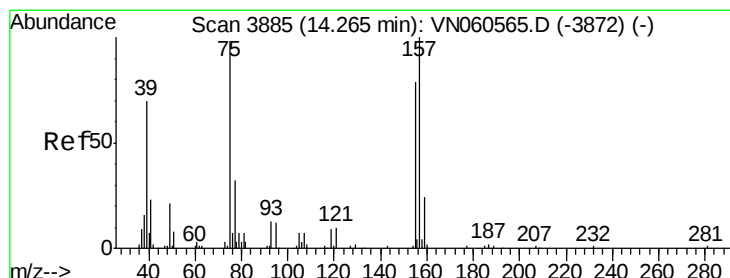
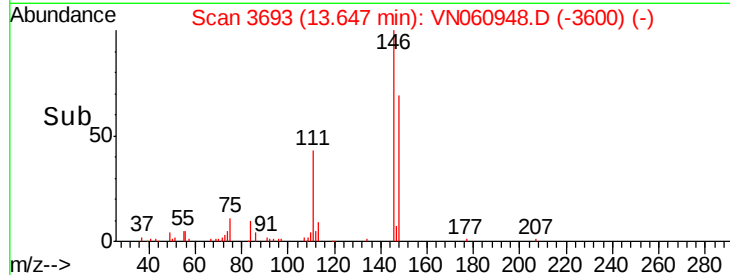
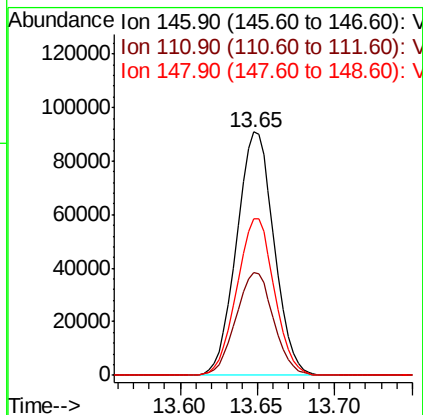
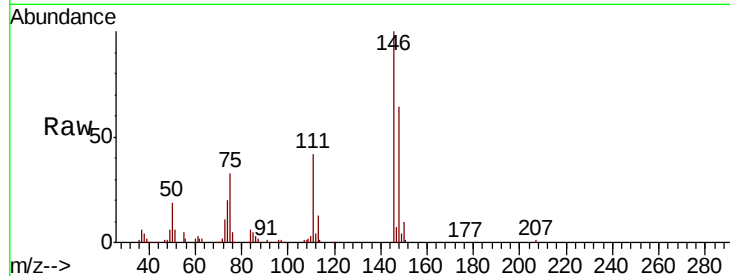




#91
 1,2-Dichlorobenzene
 Concen: 46.365 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN060948.D
 Acq: 14 Apr 2020 20:46

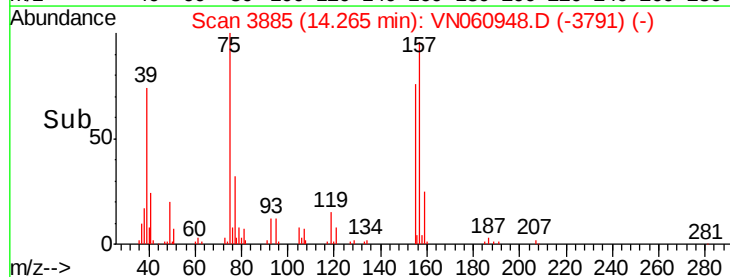
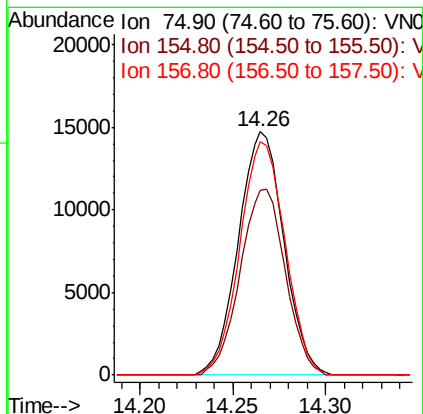
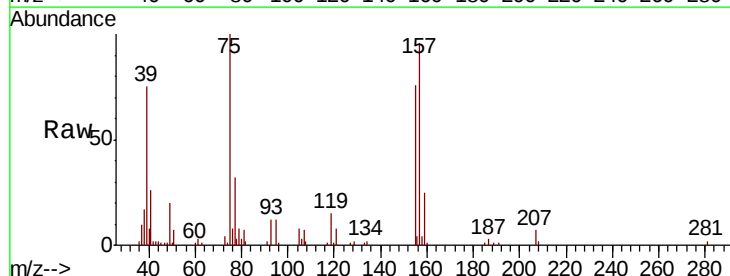
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

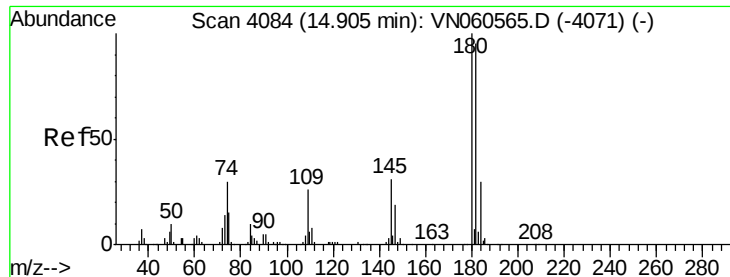
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.0	63.0
148	64.7	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.083 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060948.D
 Acq: 14 Apr 2020 20:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.8	40.7	122.1
157	95.6	51.5	154.7

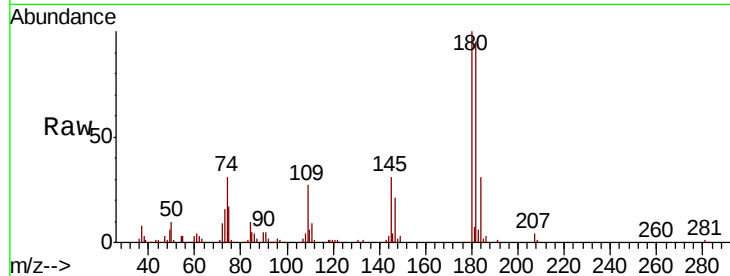




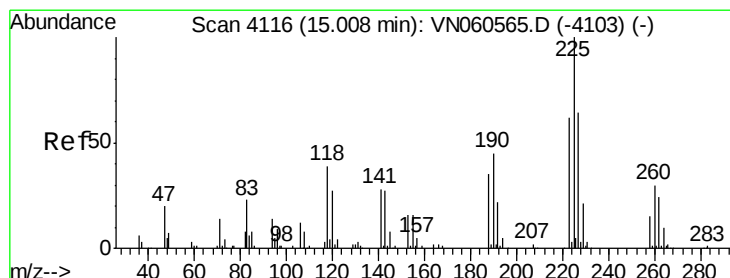
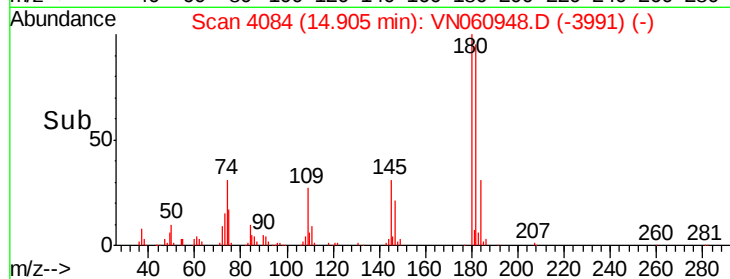
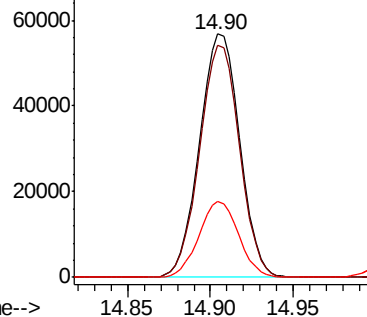
#93
 1,2,4-Trichlorobenzene
 Concen: 47.410 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060948.D
 Acq: 14 Apr 2020 20:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 95768
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.9 143.8
 145 30.8 15.4 46.2

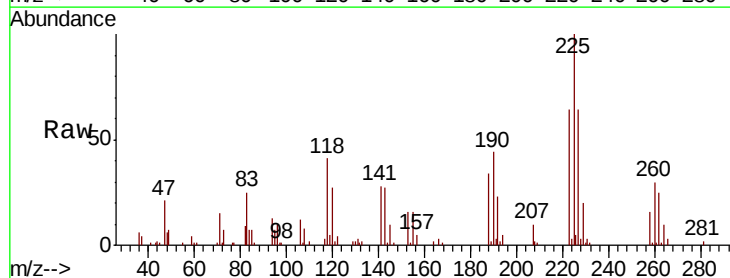


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

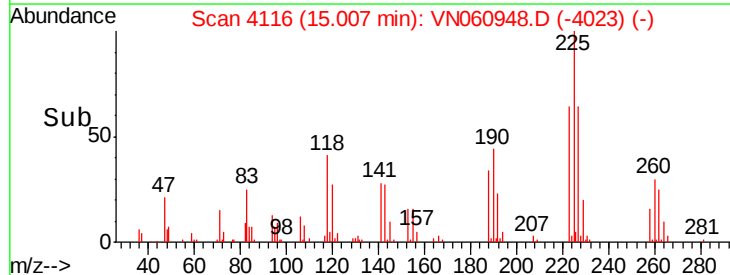
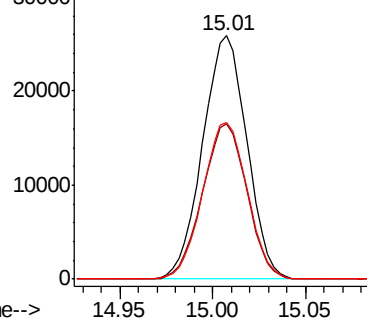


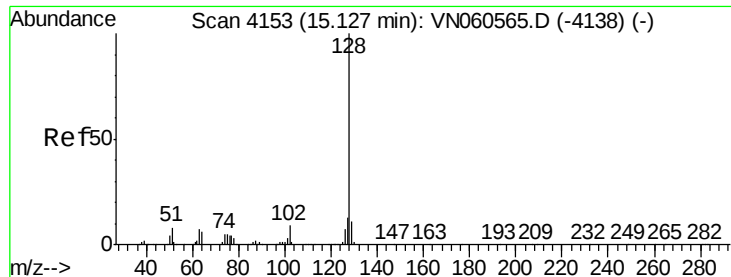
#94
 Hexachlorobutadiene
 Concen: 43.269 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060948.D
 Acq: 14 Apr 2020 20:46

Tgt Ion:225 Resp: 42847
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.6 95.0
 227 64.9 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

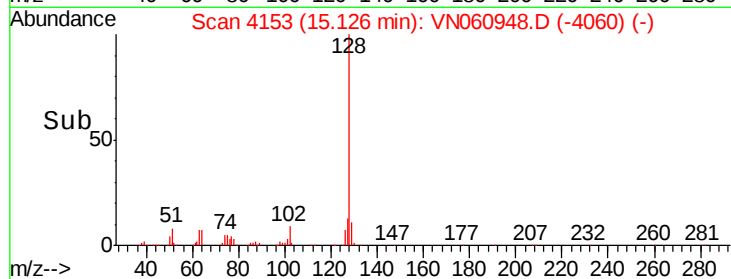
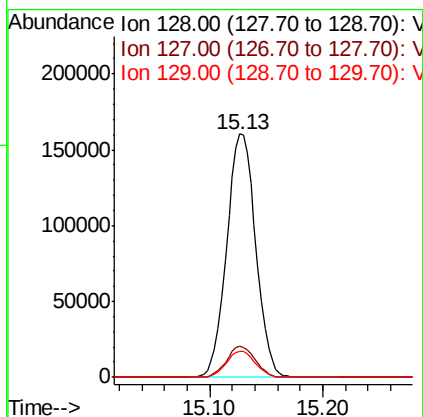
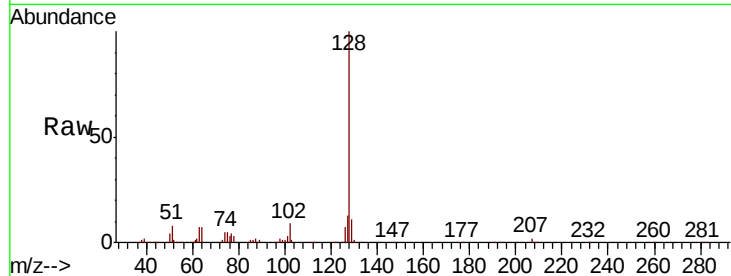




#95
Naphthalene
Concen: 47.129 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 286342
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 46.337 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060948.D
Acq: 14 Apr 2020 20:46

Tgt Ion:180 Resp: 92196
Ion Ratio Lower Upper
180 100
182 94.6 47.5 142.6
145 32.6 16.3 48.8

