

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041320\
 Data File : VN060910.D
 Acq On : 13 Apr 2020 19:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 14 07:22:07 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	146975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	243460	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	222095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	106053	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	105562	52.32	ug/l	0.00
Spiked Amount			Recovery	=	104.64%	
35) Dibromofluoromethane	7.56	113	79966	54.32	ug/l	0.00
Spiked Amount			Recovery	=	108.64%	
50) Toluene-d8	10.08	98	306115	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	12.40	95	115511	52.42	ug/l	0.00
Spiked Amount			Recovery	=	104.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	54696	38.461	ug/l	100
3) Chloromethane	2.04	50	110401	41.566	ug/l	99
4) Vinyl Chloride	2.17	62	86751	41.759	ug/l	98
5) Bromomethane	2.55	94	44166	49.249	ug/l	98
6) Chloroethane	2.69	64	56868	47.520	ug/l	99
7) Trichlorofluoromethane	3.00	101	114087	44.581	ug/l	100
8) Diethyl Ether	3.38	74	52888	51.445	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	67648	45.620	ug/l	99
10) Methyl Iodide	3.93	142	60167	45.599	ug/l	99
11) Tert butyl alcohol	4.72	59	68925	232.282	ug/l	99
12) 1,1-Dichloroethene	3.71	96	72368	45.478	ug/l	98
13) Acrolein	3.57	56	18237	55.454	ug/l	99
14) Allyl chloride	4.29	41	137230	49.033	ug/l	98
15) Acrylonitrile	4.94	53	224937	257.789	ug/l	100
16) Acetone	3.77	43	172574	241.468	ug/l	98
17) Carbon Disulfide	4.03	76	197324	40.773	ug/l	100
18) Methyl Acetate	4.28	43	108698	54.034	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	278819	50.963	ug/l	98
20) Methylene Chloride	4.52	84	88082	50.101	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	79060	46.617	ug/l	92
22) Diisopropyl ether	5.91	45	321868	54.436	ug/l	97
23) Vinyl Acetate	5.85	43	1294444	268.313	ug/l	99
24) 1,1-Dichloroethane	5.81	63	167160	51.859	ug/l	98
25) 2-Butanone	6.79	43	291373	251.947	ug/l	97
26) 2,2-Dichloropropane	6.79	77	128011	50.475	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	95584	49.596	ug/l	97
28) Bromochloromethane	7.17	49	83572	54.190	ug/l	96
29) Tetrahydrofuran	7.17	42	198899	243.075	ug/l	98
30) Chloroform	7.34	83	158291	51.225	ug/l	99
31) Cyclohexane	7.63	56	135800	41.789	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	129494	48.611	ug/l	98
36) 1,1-Dichloropropene	7.77	75	114681	48.646	ug/l	100
37) Ethyl Acetate	6.89	43	125809	49.390	ug/l	99
38) Carbon Tetrachloride	7.75	117	100832	47.723	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	126365	45.106	ug/l	98
40) Benzene	8.02	78	360789	50.697	ug/l	100
41) Methacrylonitrile	7.13	41	52476	48.271	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	127778	52.538	ug/l	100
43) Isopropyl Acetate	8.14	43	219477	52.245	ug/l	100
44) Trichloroethene	8.82	130	88259	49.197	ug/l	98
45) 1,2-Dichloropropane	9.10	63	101444	54.022	ug/l	98
46) Dibromomethane	9.19	93	59441	52.359	ug/l	99
47) Bromodichloromethane	9.38	83	126530	53.635	ug/l	99
48) Methyl methacrylate	9.18	41	98321	52.567	ug/l	98
49) 1,4-Dioxane	9.18	88	23019	1035.415	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	628465	262.899	ug/l	99
52) Toluene	10.14	92	214754	49.967	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	145116	53.552	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	156360	52.597	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	87366	52.838	ug/l	98
56) Ethyl methacrylate	10.42	69	139829	54.236	ug/l	99
57) 1,3-Dichloropropane	10.70	76	153272	53.418	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	301220	235.077	ug/l	99
59) 2-Hexanone	10.74	43	444634	258.205	ug/l	99
60) Dibromochloromethane	10.89	129	91824	53.763	ug/l	99
61) 1,2-Dibromoethane	10.99	107	86262	51.882	ug/l	100
64) Tetrachloroethene	10.62	164	79437	45.452	ug/l	98
65) Chlorobenzene	11.42	112	222893	50.625	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	83634	52.464	ug/l	98
67) Ethyl Benzene	11.50	91	411231	50.225	ug/l	100
68) m/p-Xylenes	11.61	106	302904	99.555	ug/l	98
69) o-Xylene	11.94	106	146463	50.426	ug/l	99
70) Styrene	11.96	104	246961	51.988	ug/l	100
71) Bromoform	12.12	173	64239	48.536	ug/l #	99
73) Isopropylbenzene	12.24	105	386961	48.620	ug/l	99
74) N-amyl acetate	12.06	43	187768	51.056	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	125692	52.223	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	168740	73.737	ug/l #	100
77) Bromobenzene	12.52	156	95147	49.612	ug/l	99
78) n-propylbenzene	12.59	91	460562	48.981	ug/l	98
79) 2-Chlorotoluene	12.67	91	275600	49.055	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	330186	48.887	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	44379	49.807	ug/l	100
82) 4-Chlorotoluene	12.77	91	289174	50.536	ug/l	98
83) tert-Butylbenzene	12.99	119	272778	48.720	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	332892	49.820	ug/l	100
85) sec-Butylbenzene	13.17	105	374164	49.697	ug/l	100
86) p-Isopropyltoluene	13.28	119	336975	49.773	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	170084	50.284	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	170656	50.218	ug/l	99
89) n-Butylbenzene	13.61	91	319056	52.197	ug/l	100
90) Hexachloroethane	13.87	117	53310	54.171	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	166337	51.429	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	24510	48.612	ug/l	94

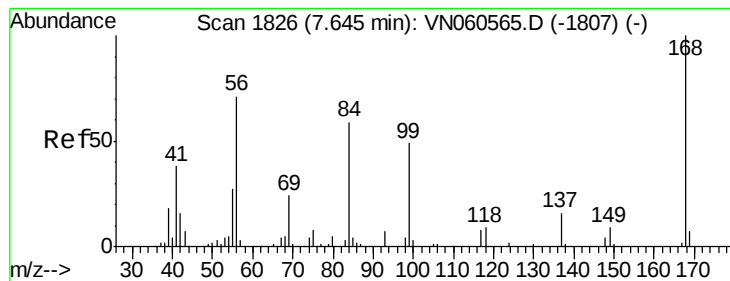
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	104320	52.524	ug/l	100
94) Hexachlorobutadiene	15.01	225	50170	51.528	ug/l	99
95) Naphthalene	15.13	128	295453	49.457	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	99706	50.966	ug/l	99

(#) = 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: VN060910.D

Acq: 13 Apr 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

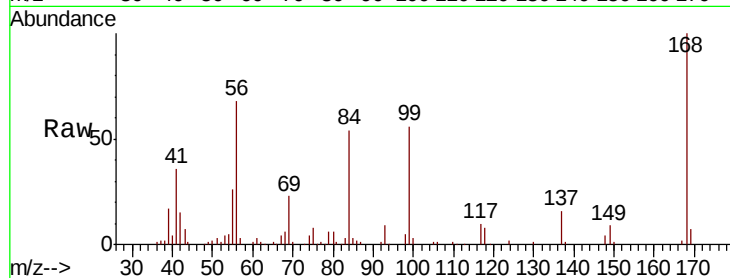
VSTDCCC050

Tot Ion:168 Resp: 146975

Ion Ratio Lower Upper

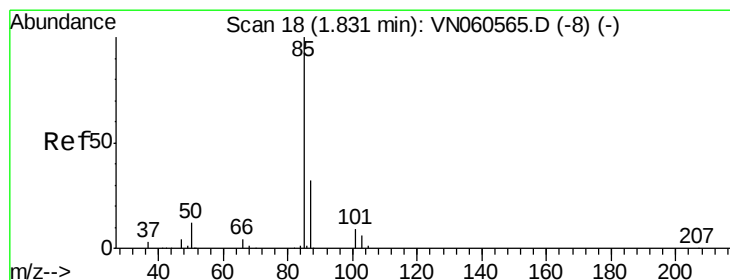
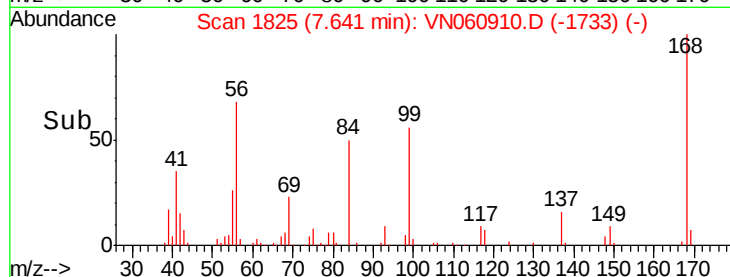
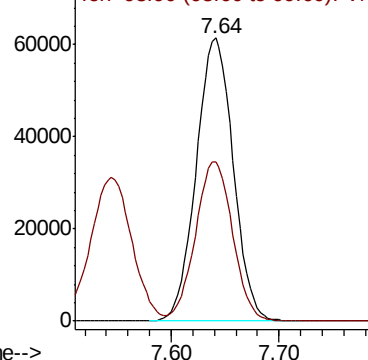
168 100

99 56.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 38.461 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060910.D

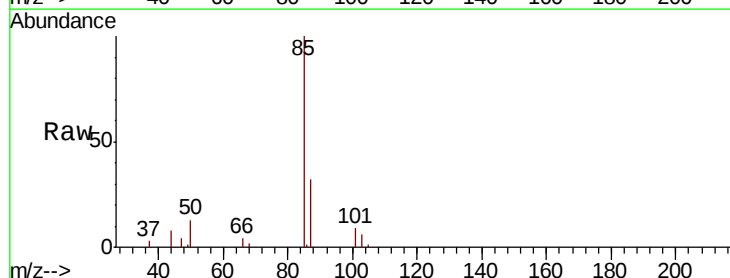
Acq: 13 Apr 2020 19:37

Tgt Ion: 85 Resp: 54696

Ion Ratio Lower Upper

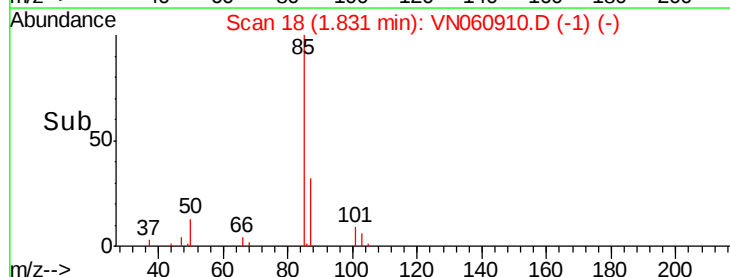
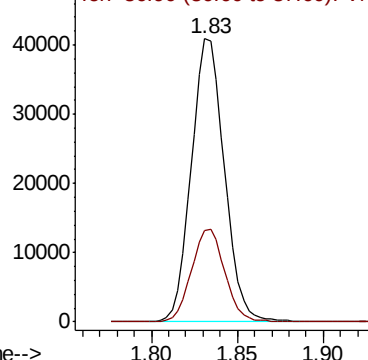
85 100

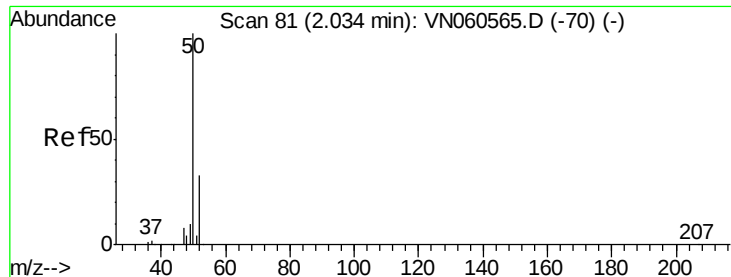
87 32.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 41.566 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

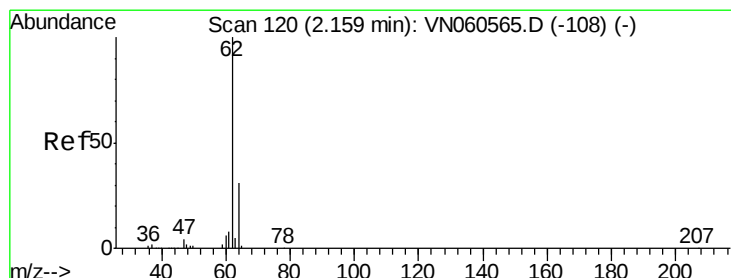
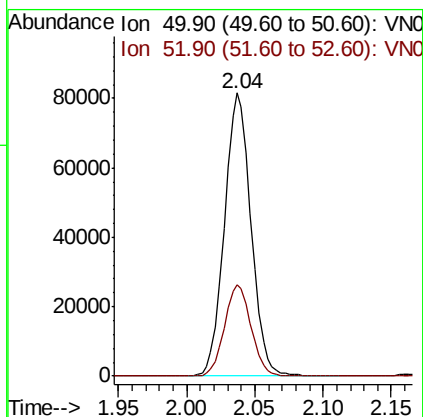
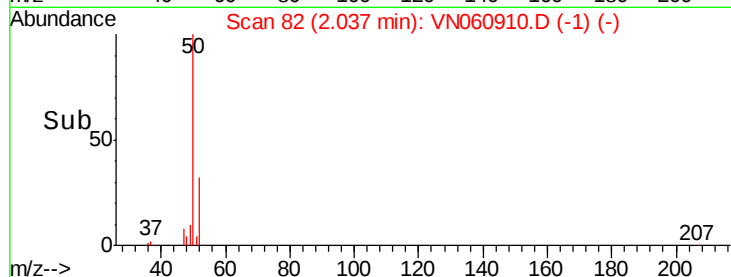
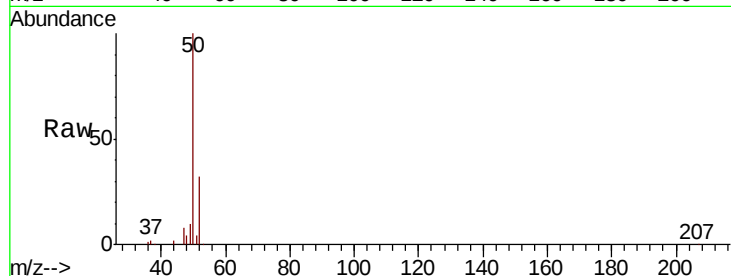
VSTDCCC050

Tot Ion: 50 Resp: 110401

Ion Ratio Lower Upper

50 100

52 32.4 26.2 39.2



#4

Vinyl Chloride

Concen: 41.759 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060910.D

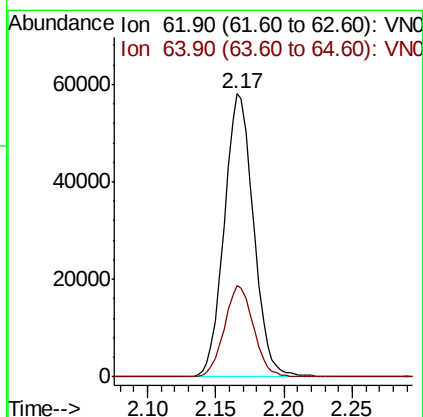
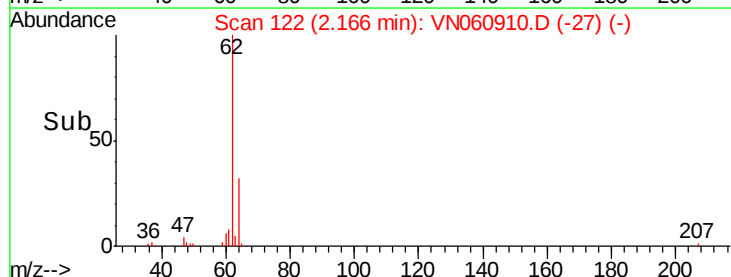
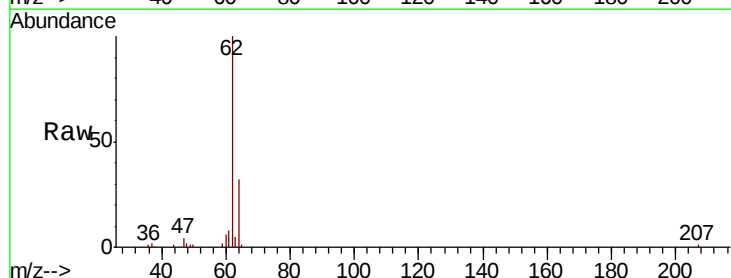
Acq: 13 Apr 2020 19:37

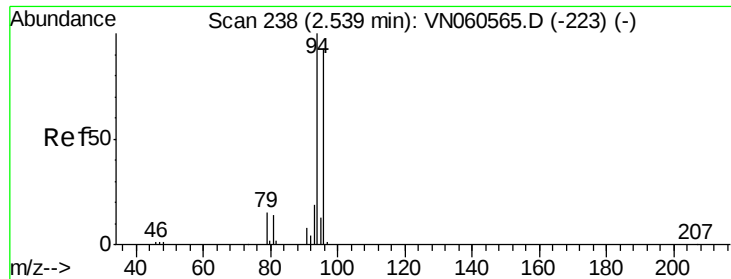
Tgt Ion: 62 Resp: 86751

Ion Ratio Lower Upper

62 100

64 32.1 24.7 37.1





#5

Bromomethane

Concen: 49.249 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

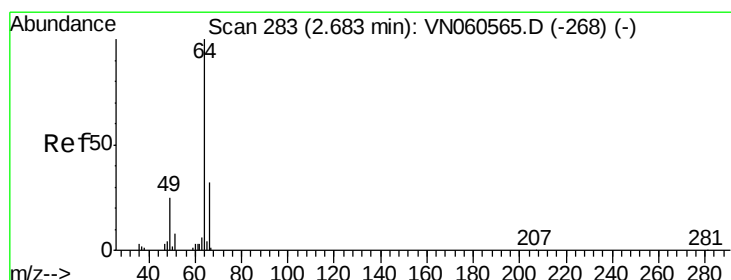
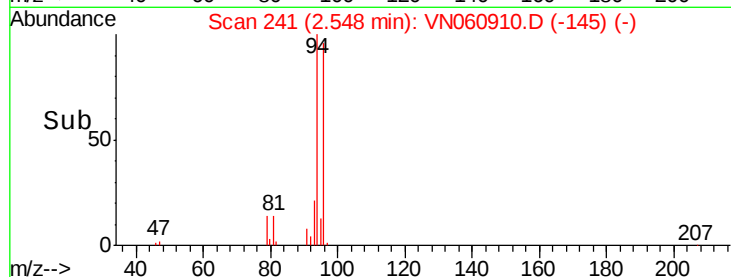
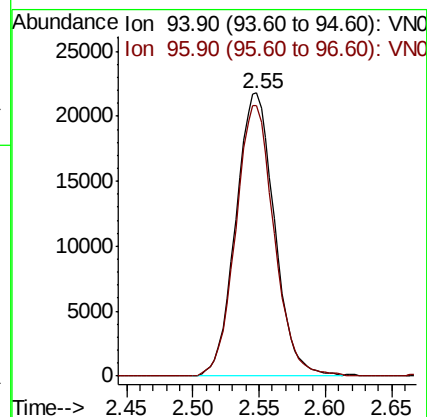
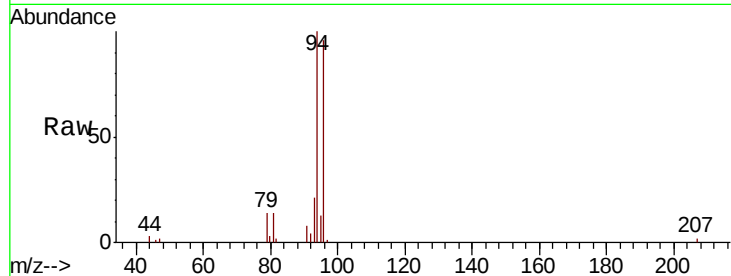
VSTDCCC050

Tot Ion: 94 Resp: 44166

Ion Ratio Lower Upper

94 100

96 95.6 74.6 112.0



#6

Chloroethane

Concen: 47.520 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060910.D

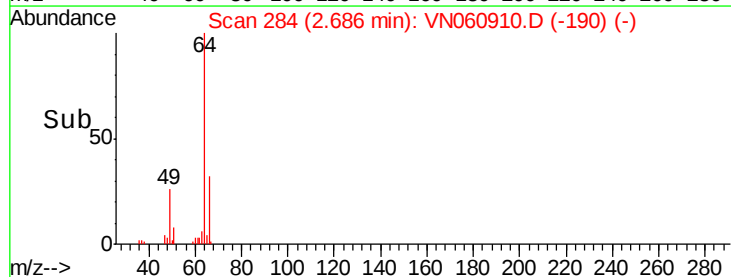
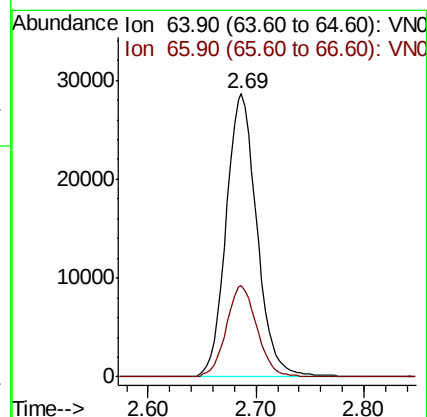
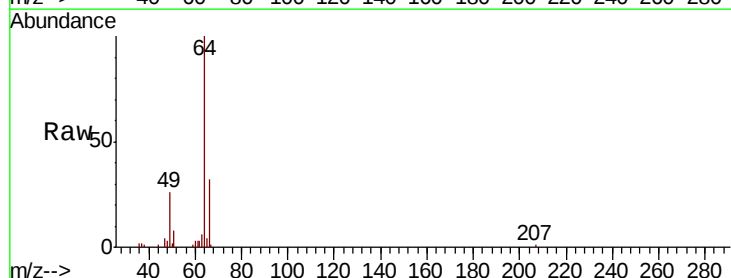
Acq: 13 Apr 2020 19:37

Tgt Ion: 64 Resp: 56868

Ion Ratio Lower Upper

64 100

66 32.1 25.3 37.9



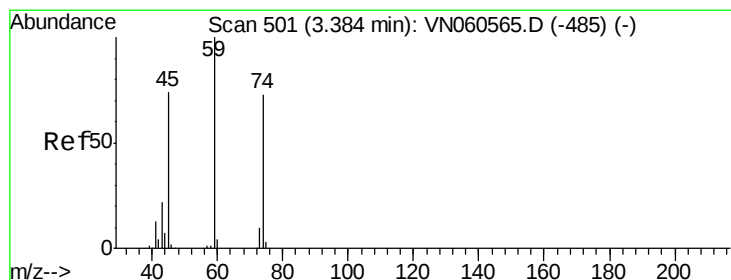
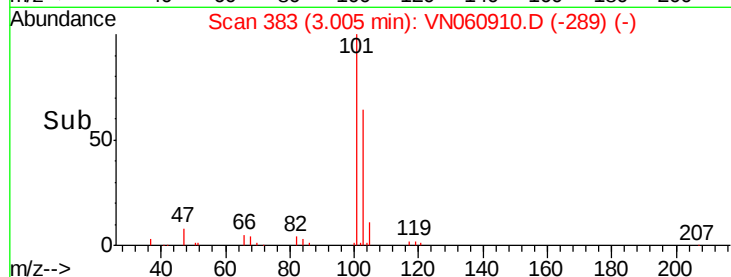
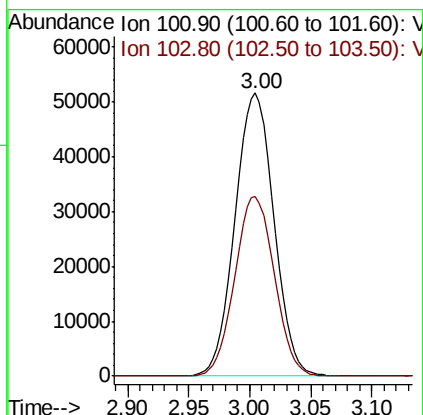
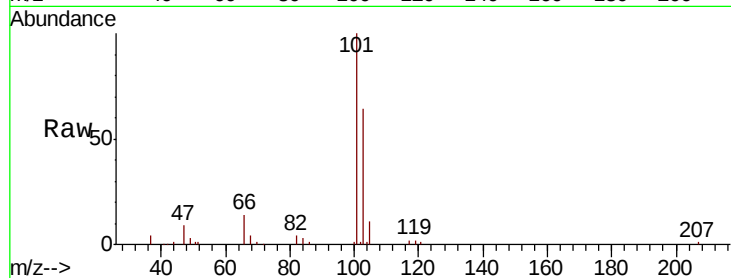


#7

Trichlorofluoromethane
 Concen: 44.581 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060910.D
 Acq: 13 Apr 2020 19:37

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 VSTDCCC050

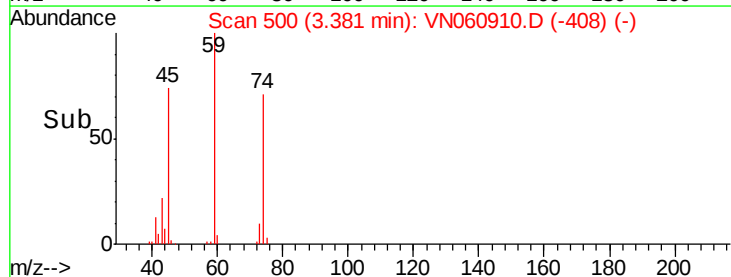
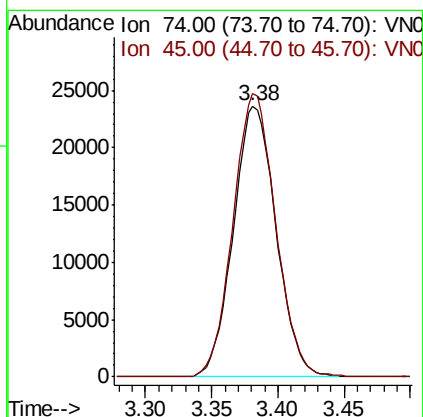
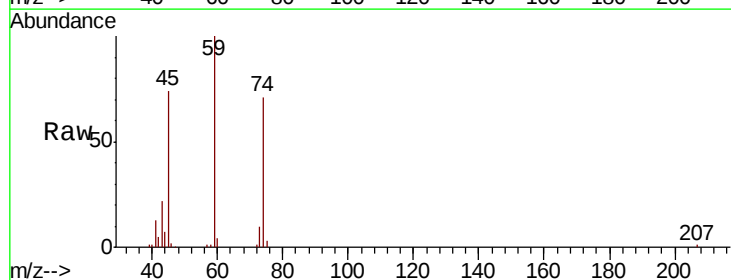
Tot Ion:101 Resp: 114087
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.6 76.0



#8

Diethyl Ether
 Concen: 51.445 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VN060910.D
 Acq: 13 Apr 2020 19:37

Tgt Ion: 74 Resp: 52888
 Ion Ratio Lower Upper
 74 100
 45 104.4 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.620 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

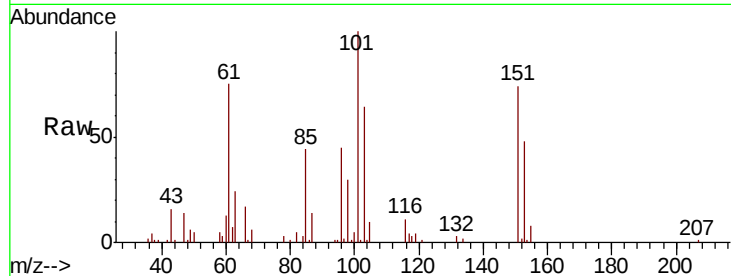
Tot Ion:101 Resp: 67648

Ion Ratio Lower Upper

101 100

85 44.2 35.6 53.4

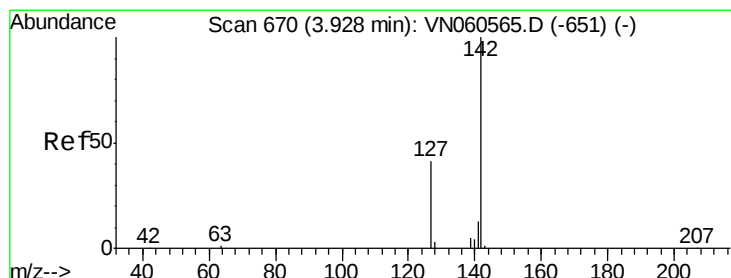
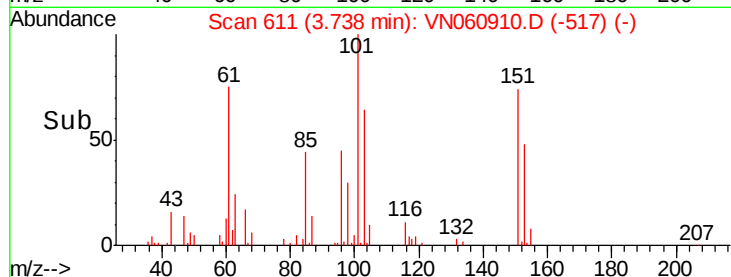
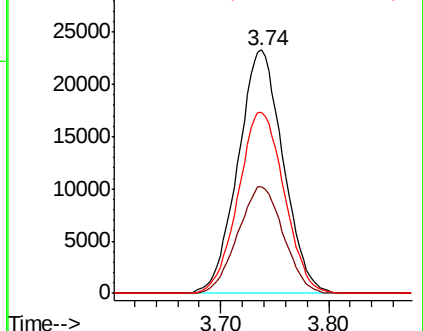
151 75.9 61.4 92.2



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: 45.599 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

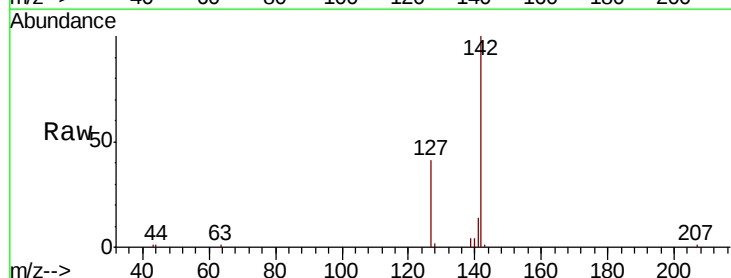
Tgt Ion:142 Resp: 60167

Ion Ratio Lower Upper

142 100

127 41.2 33.5 50.3

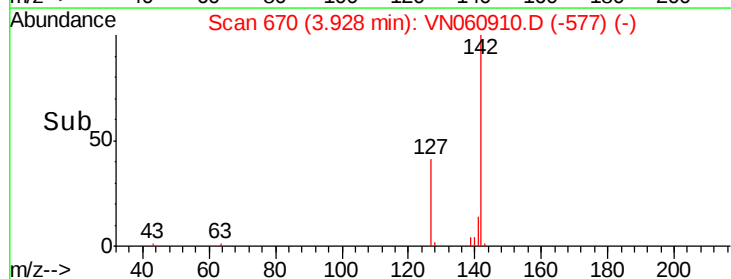
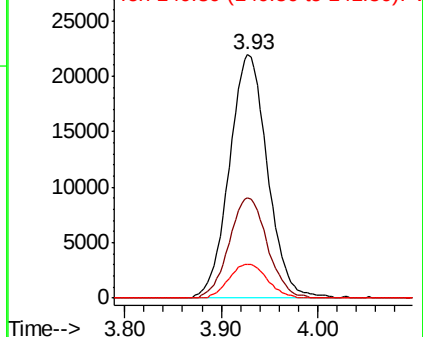
141 13.9 11.0 16.6

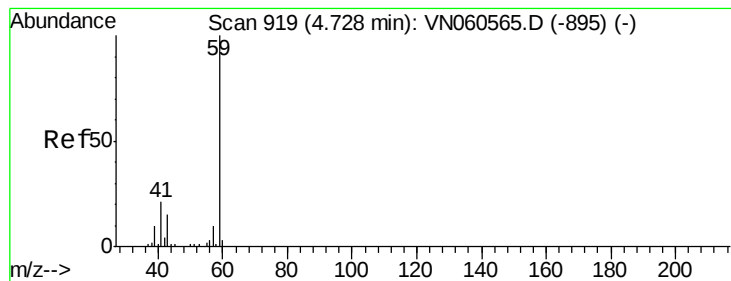


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



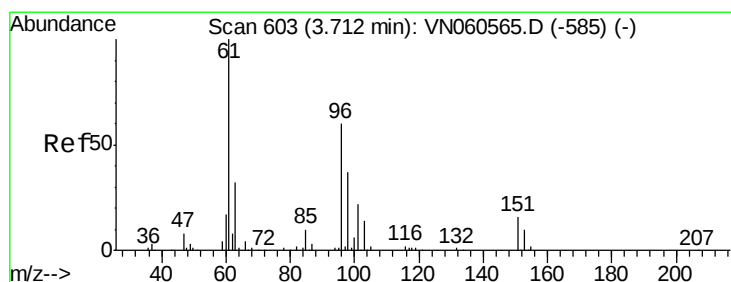
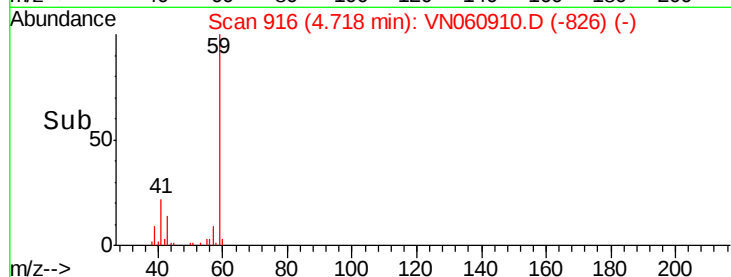
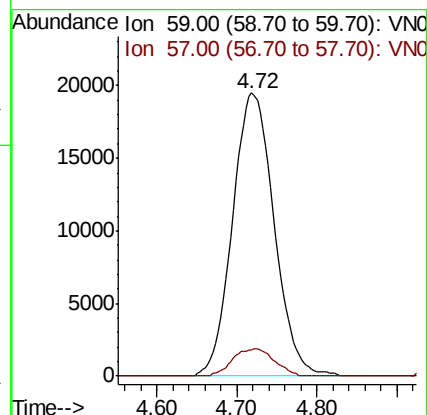
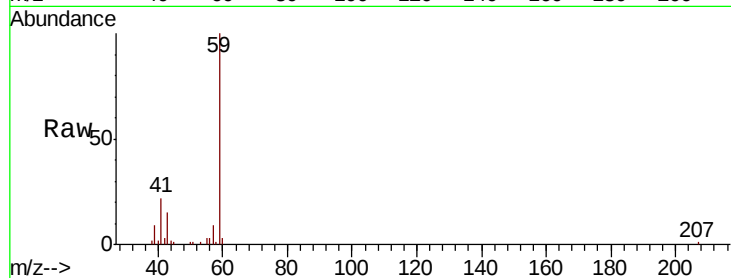


#11

Tert butyl alcohol
 Concen: 232.282 ug/l
 RT: 4.72 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: VN060910.D
 Acq: 13 Apr 2020 19:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

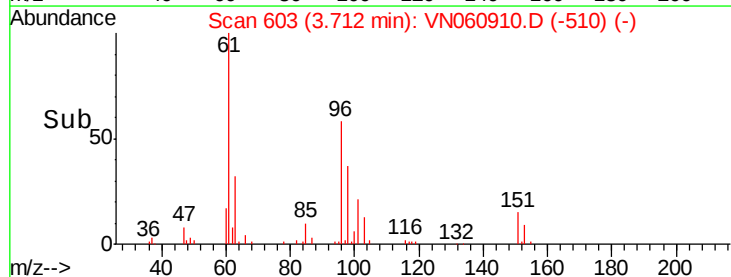
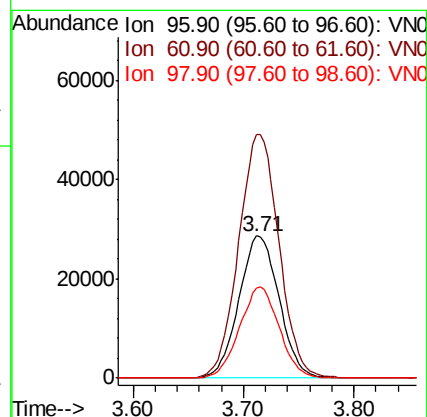
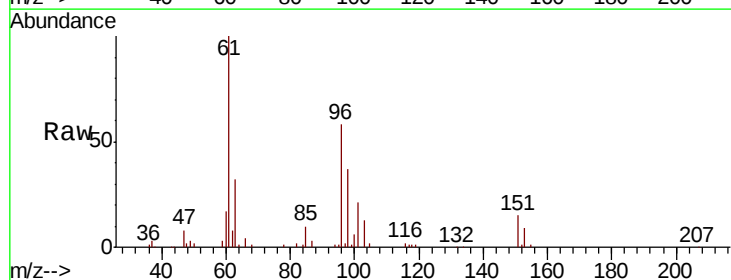
Tot Ion: 59 Resp: 68925
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.2 12.4

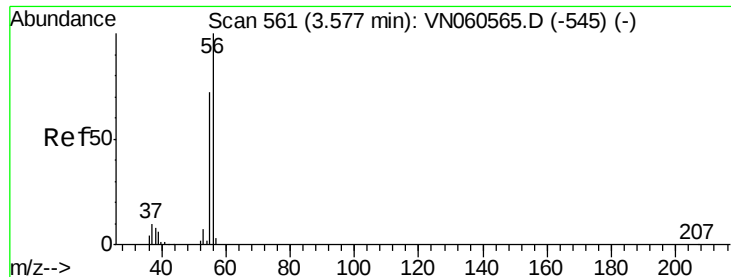


#12

1,1-Dichloroethene
 Concen: 45.478 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN060910.D
 Acq: 13 Apr 2020 19:37

Tgt Ion: 96 Resp: 72368
 Ion Ratio Lower Upper
 96 100
 61 171.3 134.1 201.1
 98 63.3 49.9 74.9





#13

Acrolein

Concen: 55.454 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

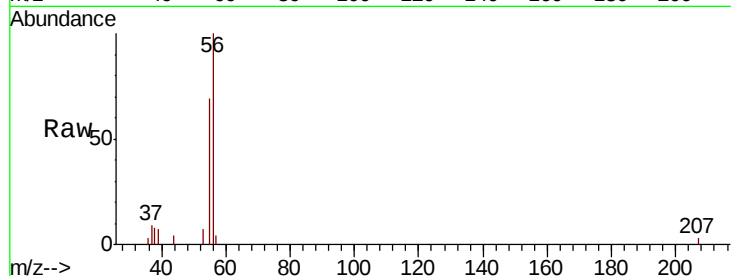
VSTDCCC050

Tot Ion: 56 Resp: 18237

Ion Ratio Lower Upper

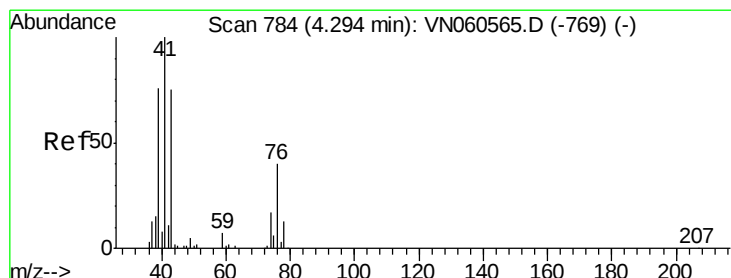
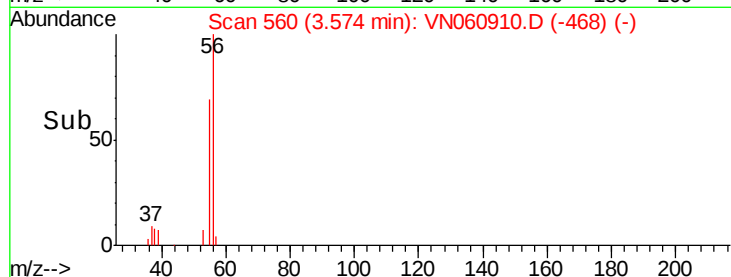
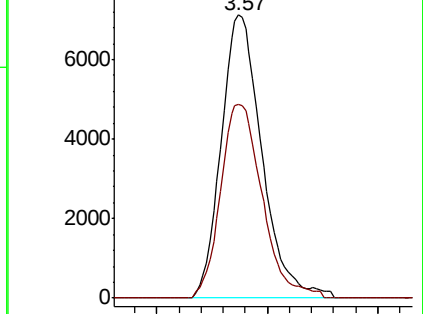
56 100

55 70.0 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN060910.D (-468) (-)

Ion 55.00 (54.70 to 55.70): VN060910.D (-468) (-)



#14

Allyl chloride

Concen: 49.033 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

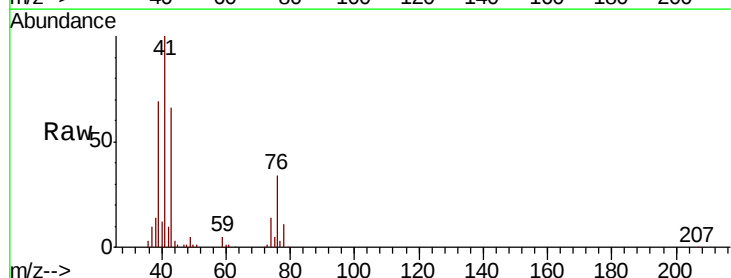
Tgt Ion: 41 Resp: 137230

Ion Ratio Lower Upper

41 100

39 71.0 57.8 86.8

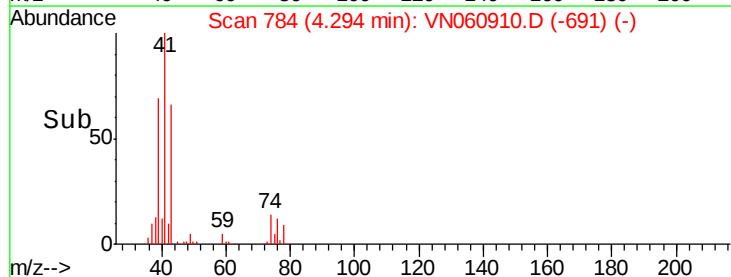
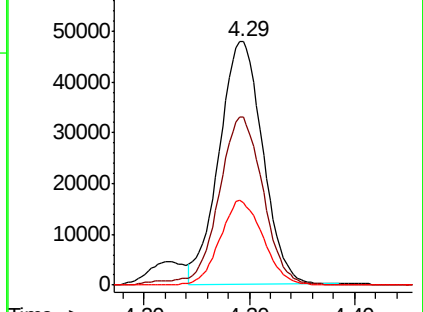
76 34.4 28.6 43.0

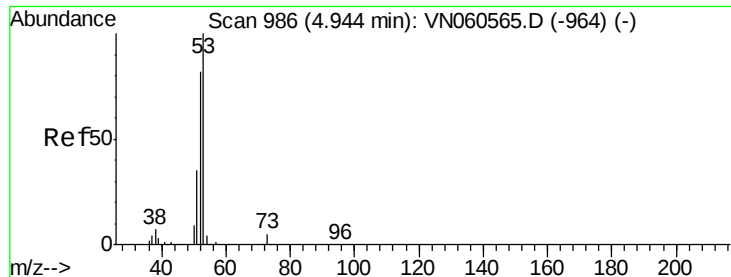


Abundance Ion 41.00 (40.70 to 41.70): VN060910.D (-691) (-)

Ion 39.00 (38.70 to 39.70): VN060910.D (-691) (-)

Ion 75.90 (75.60 to 76.60): VN060910.D (-691) (-)





#15

Acrylonitrile

Concen: 257.789 ug/l

RT: 4.94 min Scan# 984

Delta R.T. -0.01 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

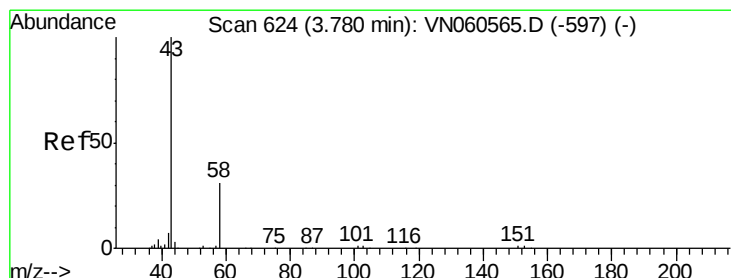
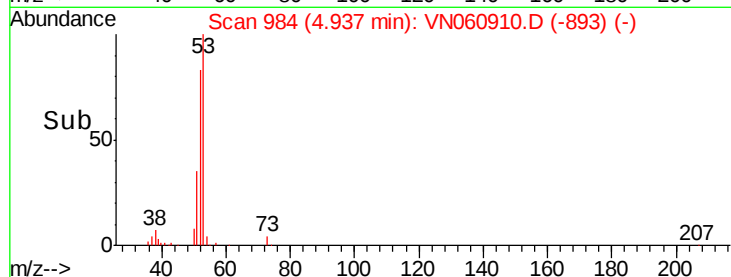
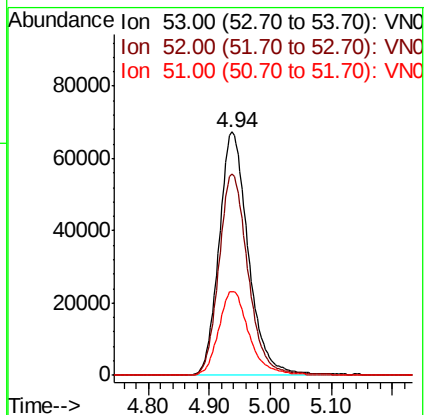
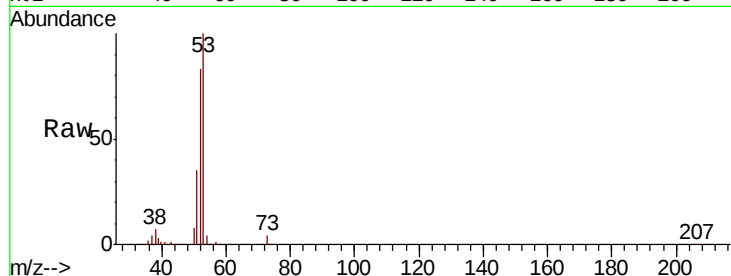
Tot Ion: 53 Resp: 224937

Ion Ratio Lower Upper

53 100

52 82.3 66.2 99.4

51 35.9 28.7 43.1



#16

Acetone

Concen: 241.468 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.01 min

Lab File: VN060910.D

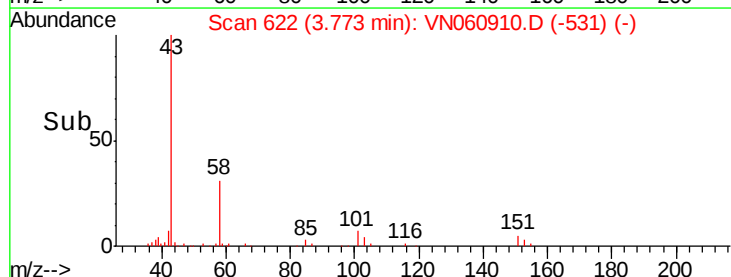
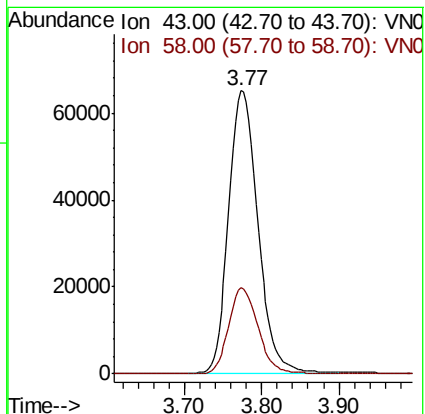
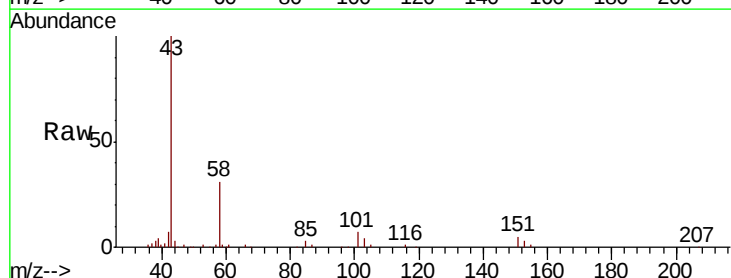
Acq: 13 Apr 2020 19:37

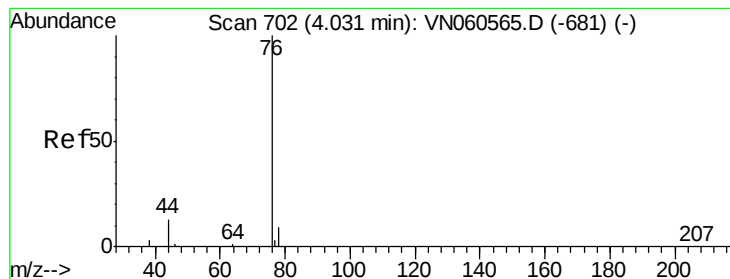
Tgt Ion: 43 Resp: 172574

Ion Ratio Lower Upper

43 100

58 30.5 25.1 37.7





#17

Carbon Disulfide

Concen: 40.773 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

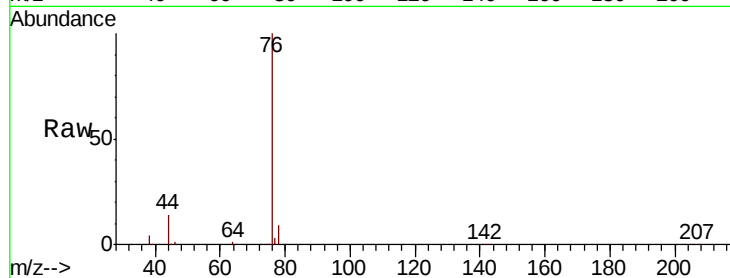
VSTDCCC050

Tot Ion: 76 Resp: 197324

Ion Ratio Lower Upper

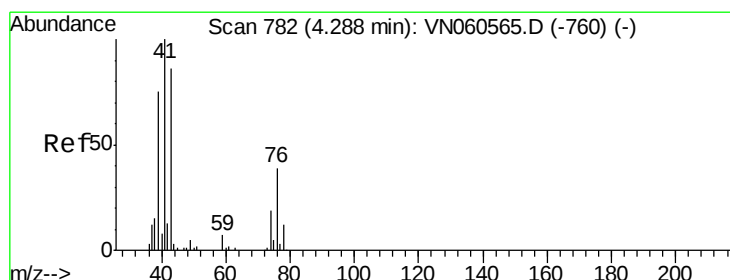
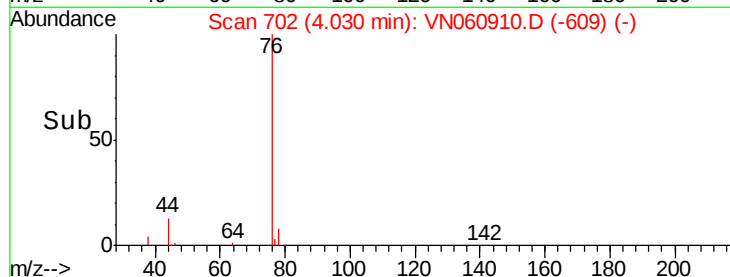
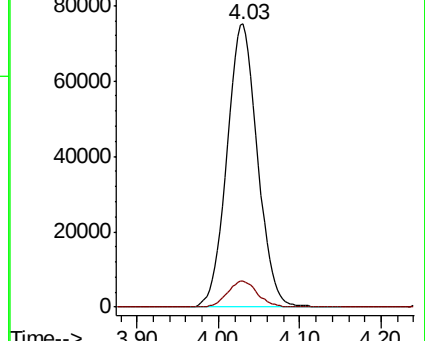
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN060910.D (-609) (-)

Ion 77.90 (77.60 to 78.60): VN060910.D (-609) (-)



#18

Methyl Acetate

Concen: 54.034 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060910.D

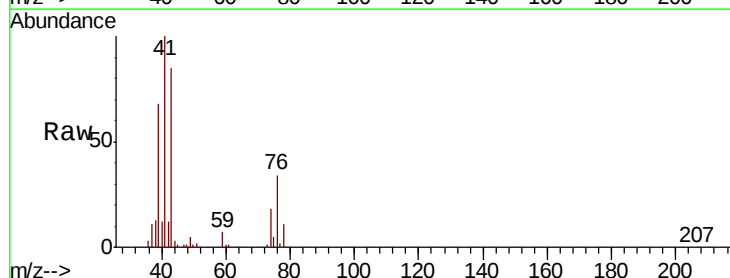
Acq: 13 Apr 2020 19:37

Tgt Ion: 43 Resp: 108698

Ion Ratio Lower Upper

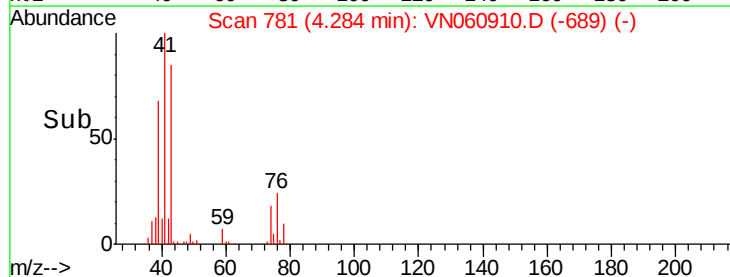
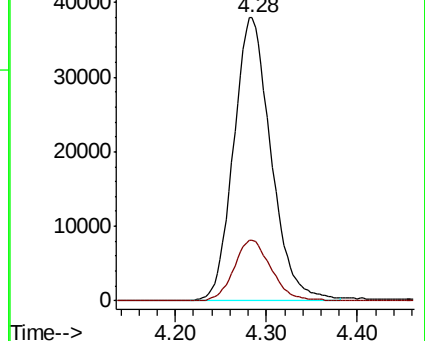
43 100

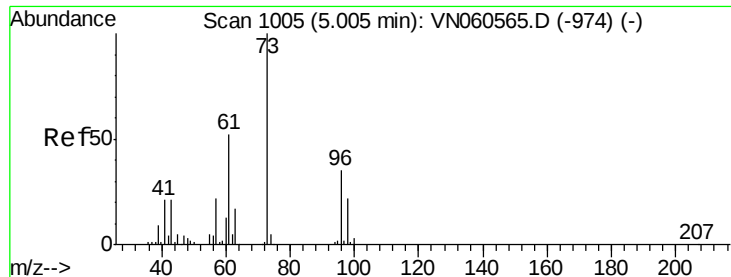
74 21.4 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN060910.D (-689) (-)

Ion 74.00 (73.70 to 74.70): VN060910.D (-689) (-)

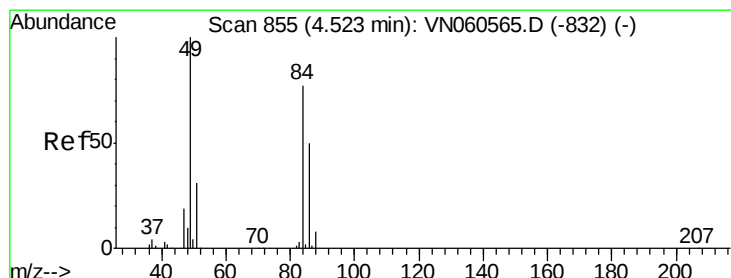
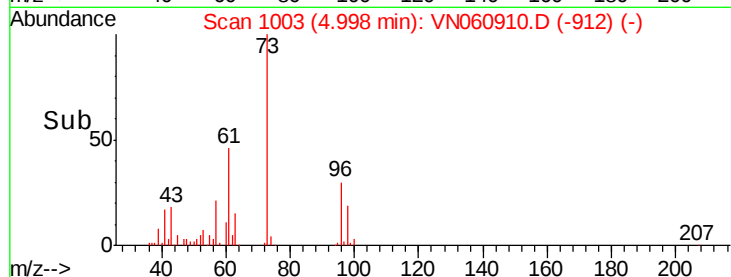
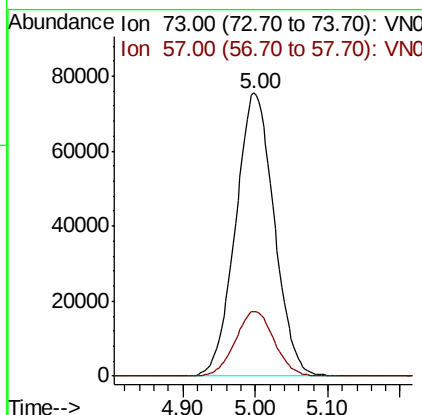
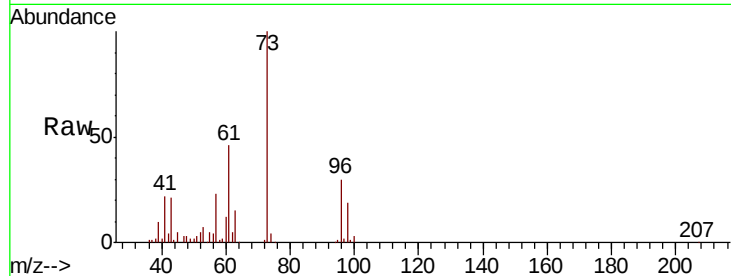




#19
Methyl tert-butyl Ether
Concen: 50.963 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. -0.01 min
Lab File: VN060910.D
Acq: 13 Apr 2020 19:37

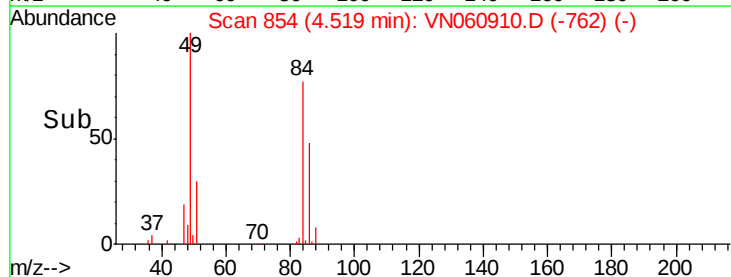
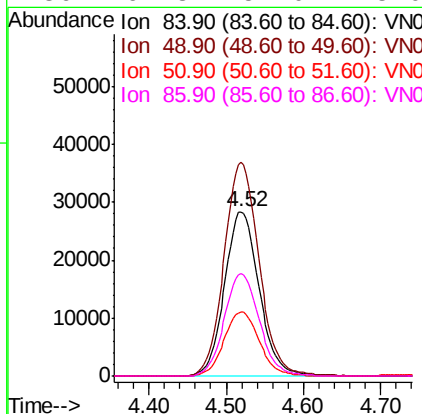
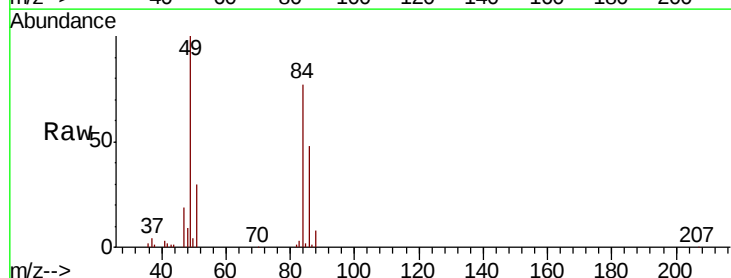
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

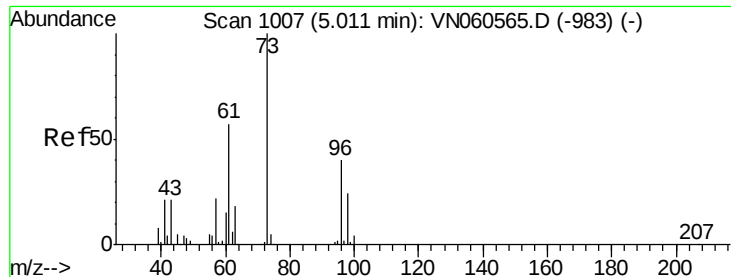
Tot Ion: 73 Resp: 278819
Ion Ratio Lower Upper
73 100
57 23.0 17.5 26.3



#20
Methylene Chloride
Concen: 50.101 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060910.D
Acq: 13 Apr 2020 19:37

Tgt Ion: 84 Resp: 88082
Ion Ratio Lower Upper
84 100
49 130.1 103.3 154.9
51 39.2 31.6 47.4
86 62.3 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 46.617 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

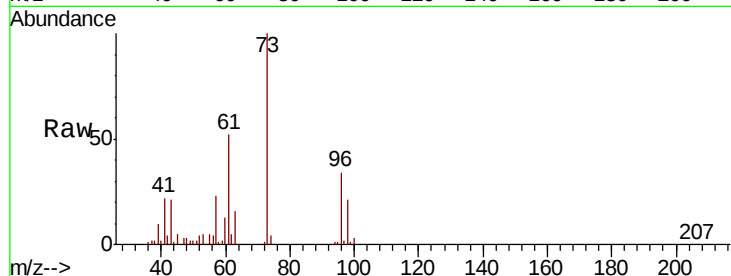
Tot Ion: 96 Resp: 79060

Ion Ratio Lower Upper

96 100

61 155.4 114.4 171.6

98 62.7 48.4 72.6

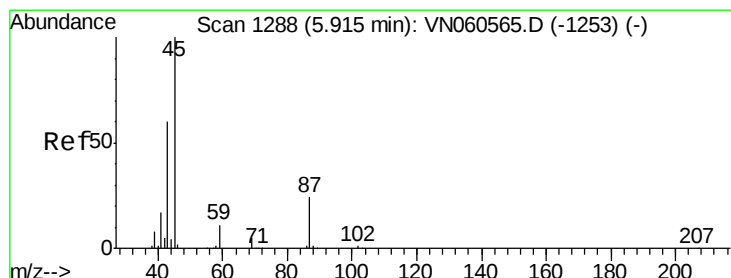
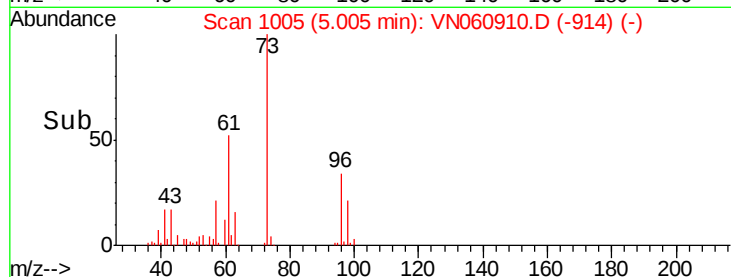
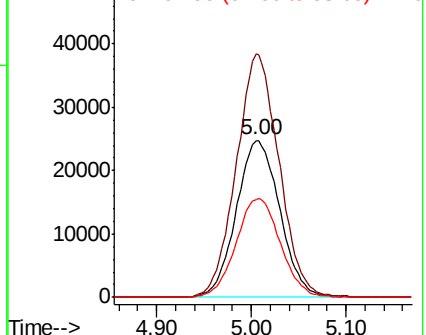


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 54.436 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Tgt Ion: 45 Resp: 321868

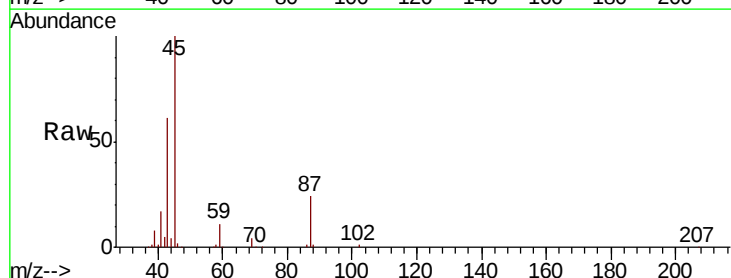
Ion Ratio Lower Upper

45 100

43 59.5 49.8 74.8

87 24.5 20.1 30.1

59 11.2 9.2 13.8



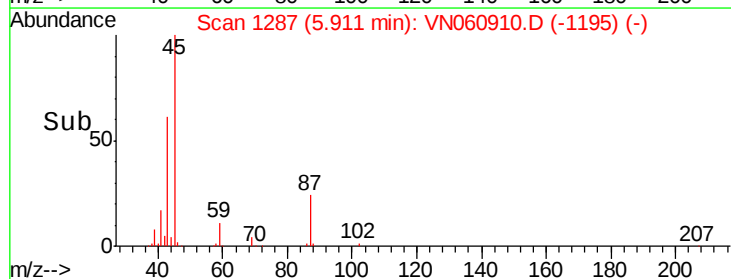
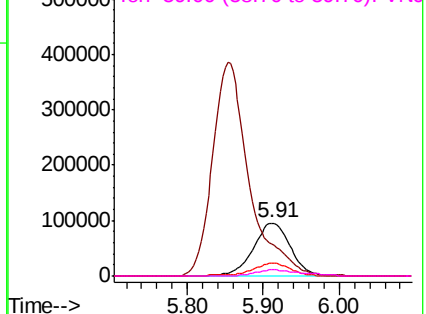
Abundance

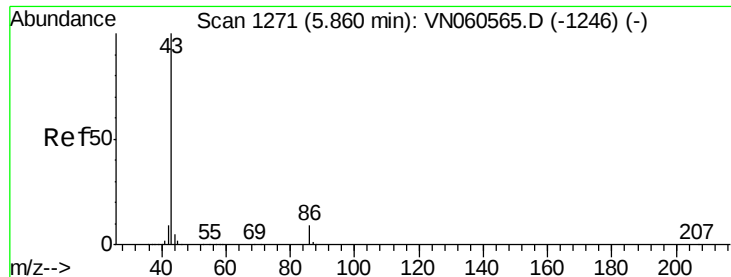
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 268.313 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

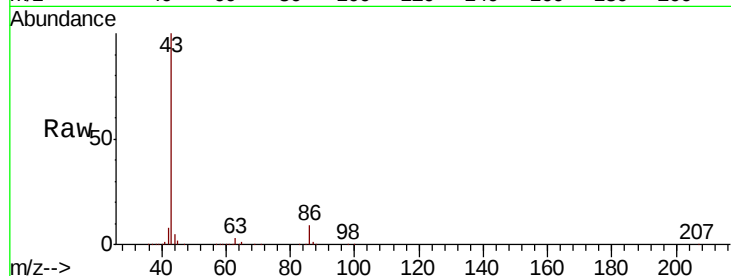
VSTDCCC050

Tot Ion: 43 Resp: 1294444

Ion Ratio Lower Upper

43 100

86 9.0 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN060910.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN060910.D (-1178) (-)

5.85

400000

300000

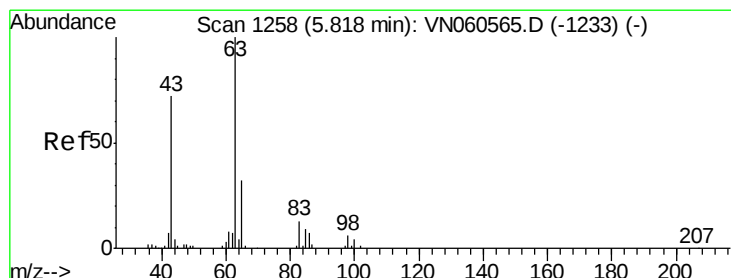
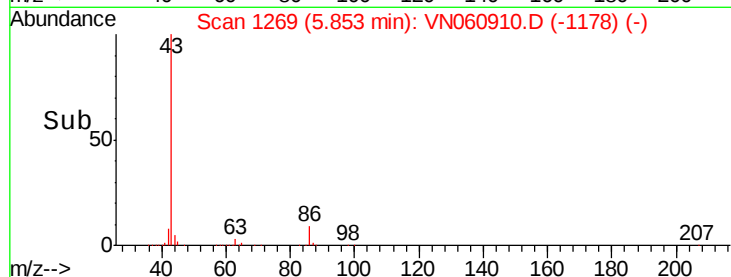
200000

100000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 51.859 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

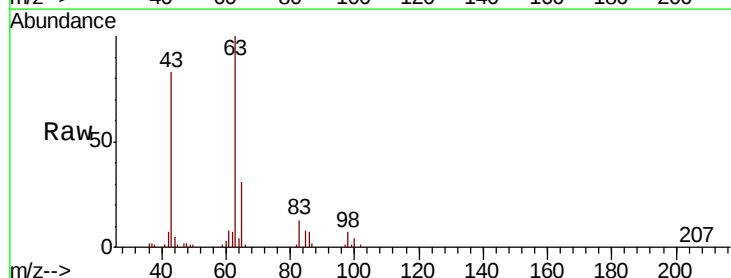
Tgt Ion: 63 Resp: 167160

Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.7

100 4.0 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN060910.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN060910.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN060910.D (-1165) (-)

5.81

60000

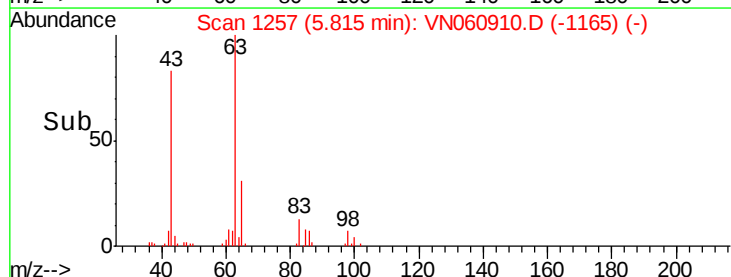
40000

20000

0

5.70 5.80 5.90

Time-->

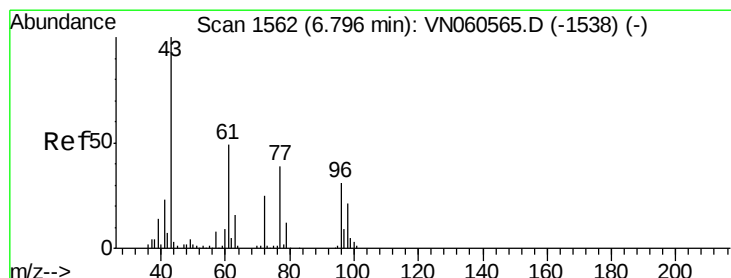
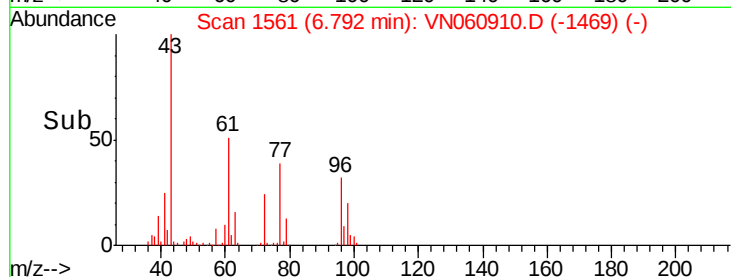
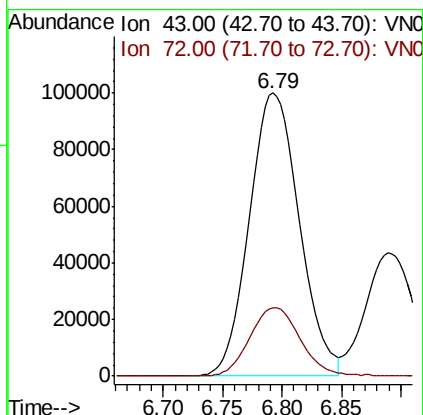
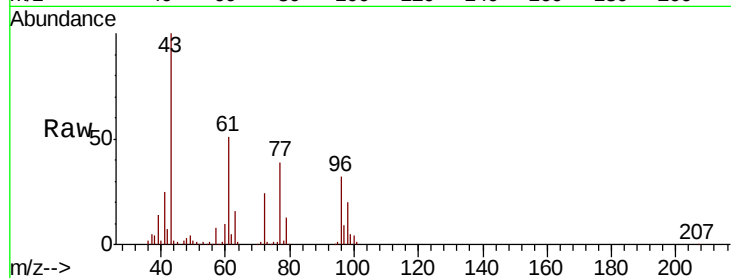




#25
2-Butanone
Concen: 251.947 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060910.D
Acq: 13 Apr 2020 19:37

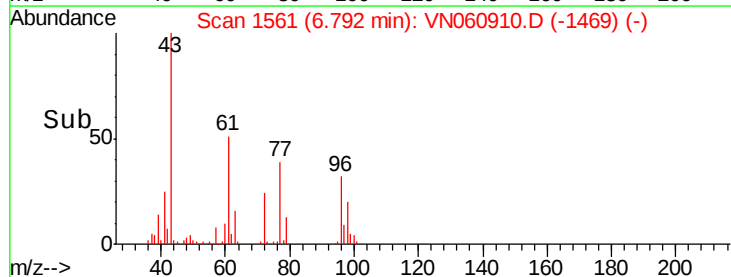
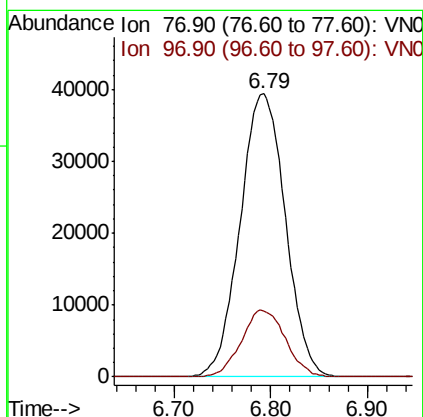
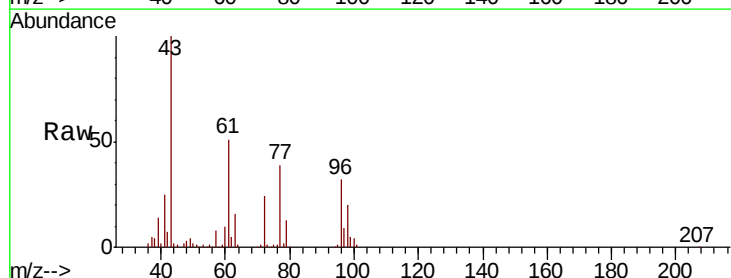
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 291373
Ion Ratio Lower Upper
43 100
72 24.2 20.4 30.6



#26
2,2-Dichloropropane
Concen: 50.475 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060910.D
Acq: 13 Apr 2020 19:37

Tgt Ion: 77 Resp: 128011
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 49.596 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

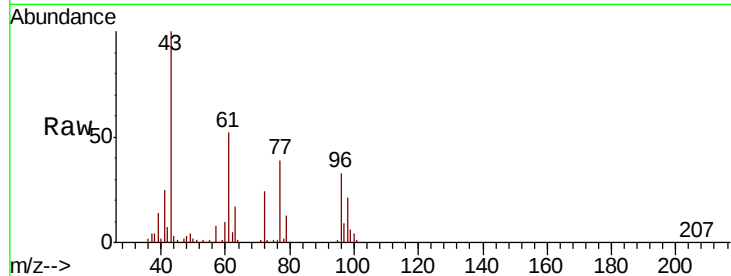
Tot Ion: 96 Resp: 95584

Ion Ratio Lower Upper

96 100

61 157.0 0.0 305.6

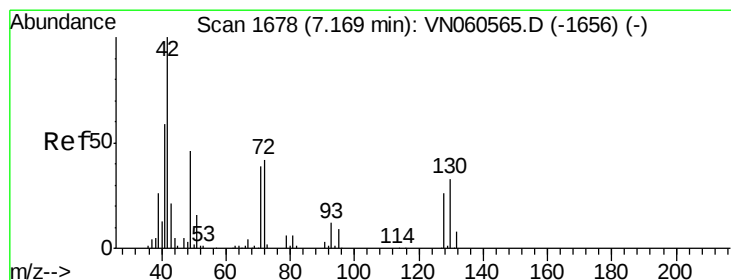
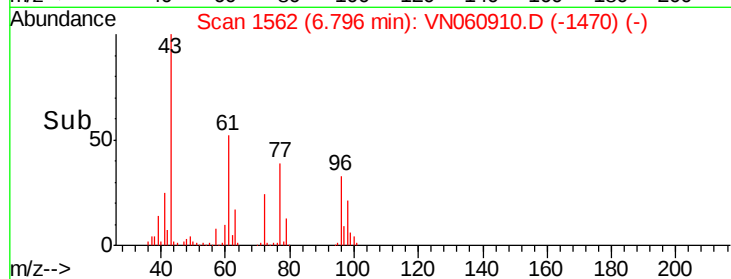
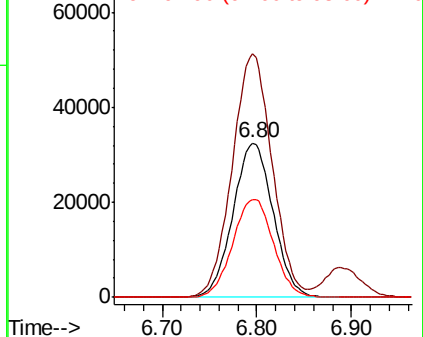
98 64.6 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VN060910.D (-1470) (-)

Ion 60.90 (60.60 to 61.60): VN060910.D (-1470) (-)

Ion 97.90 (97.60 to 98.60): VN060910.D (-1470) (-)



#28

Bromochloromethane

Concen: 54.190 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

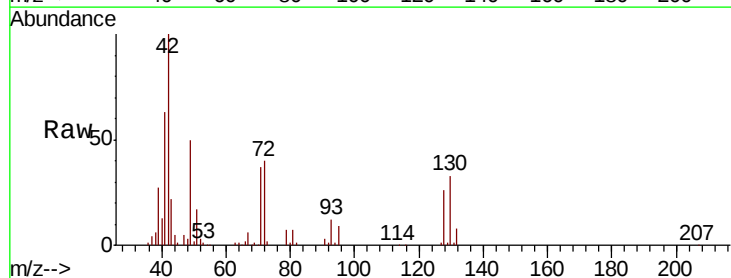
Tgt Ion: 49 Resp: 83572

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.4

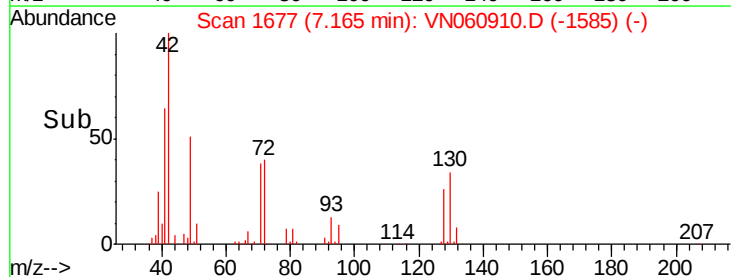
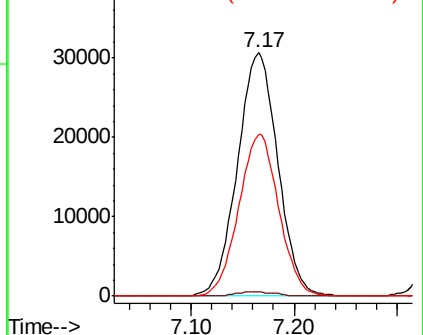
130 65.8 55.0 82.4



Abundance Ion 48.90 (48.60 to 49.60): VN060910.D (-1585) (-)

Ion 128.80 (128.50 to 129.50): VN060910.D (-1585) (-)

Ion 129.80 (129.50 to 130.50): VN060910.D (-1585) (-)

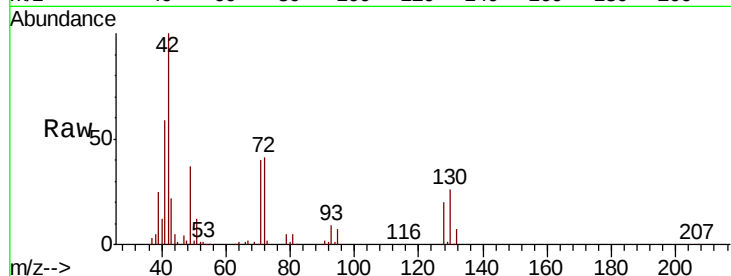




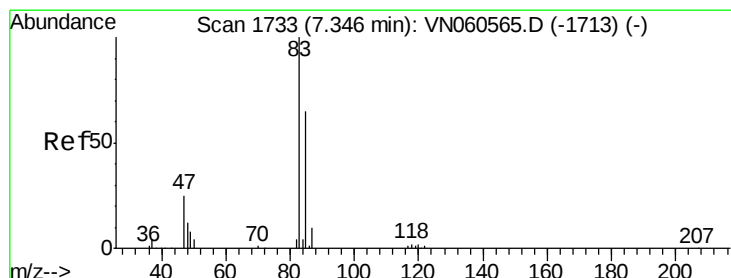
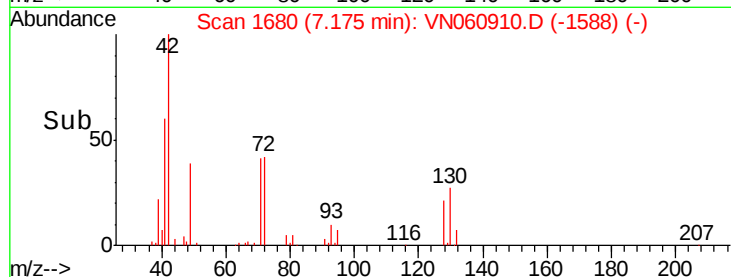
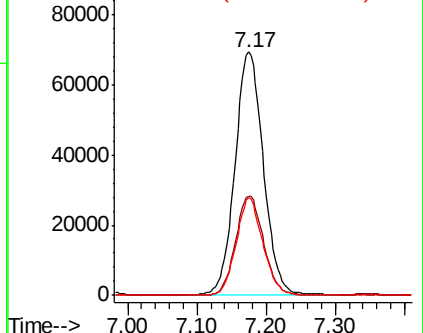
#29
Tetrahydrofuran
Concen: 243.075 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN060910.D
Acq: 13 Apr 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 198899
Ion Ratio Lower Upper
42 100
72 40.0 33.2 49.8
71 37.4 31.1 46.7

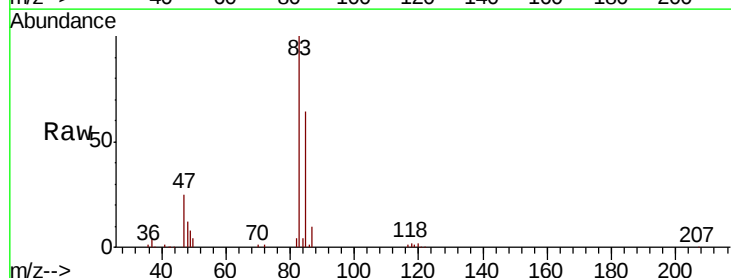


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

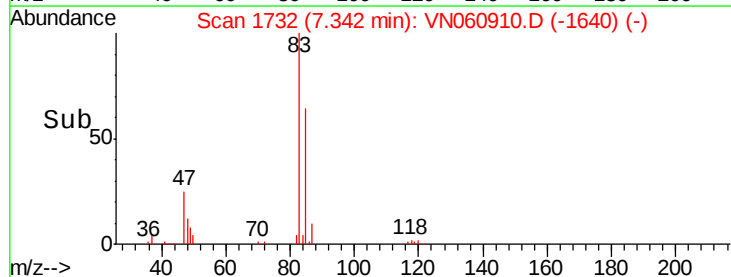
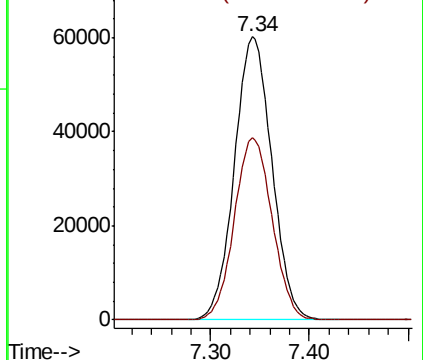


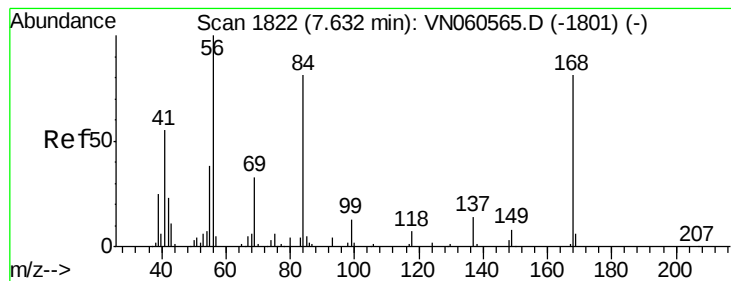
#30
Chloroform
Concen: 51.225 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060910.D
Acq: 13 Apr 2020 19:37

Tgt Ion: 83 Resp: 158291
Ion Ratio Lower Upper
83 100
85 64.3 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: 41.789 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

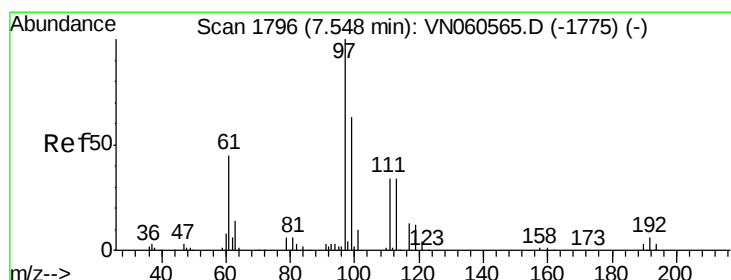
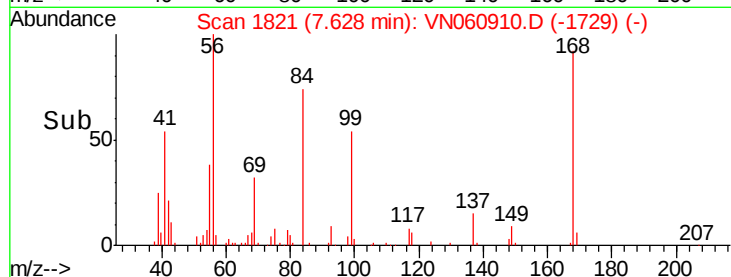
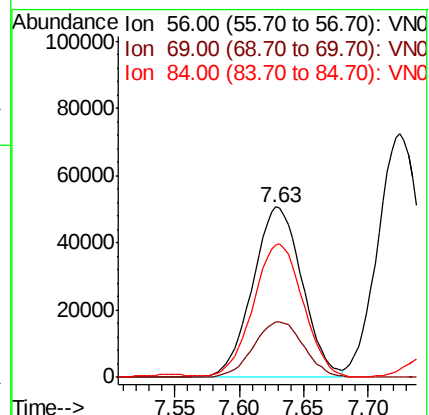
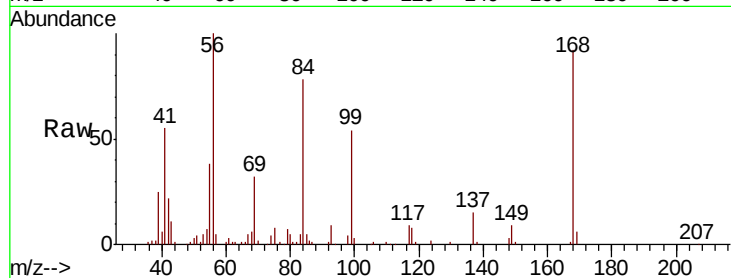
Tot Ion: 56 Resp: 135800

Ion Ratio Lower Upper

56 100

69 32.4 26.6 40.0

84 77.0 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 48.611 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

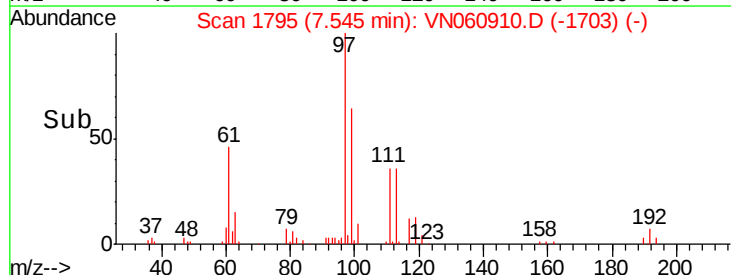
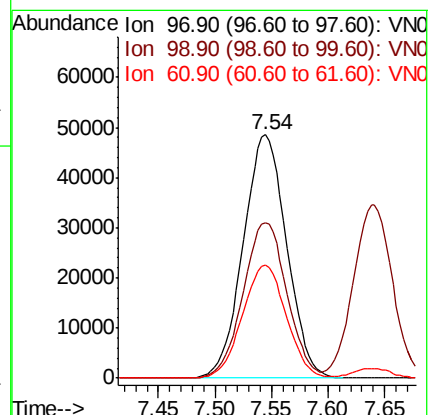
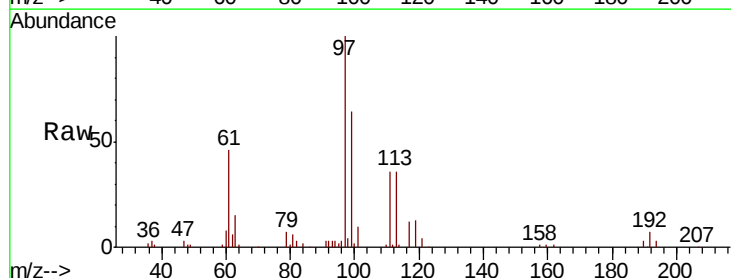
Tgt Ion: 97 Resp: 129494

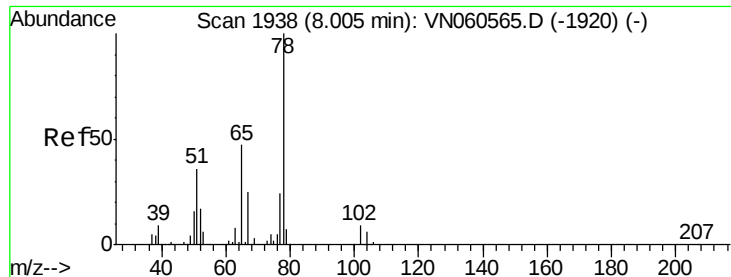
Ion Ratio Lower Upper

97 100

99 64.6 50.6 75.8

61 46.9 36.2 54.4

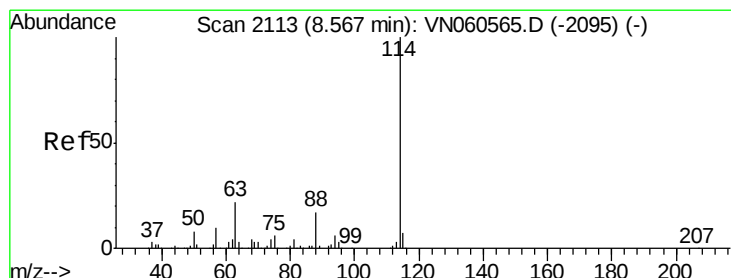
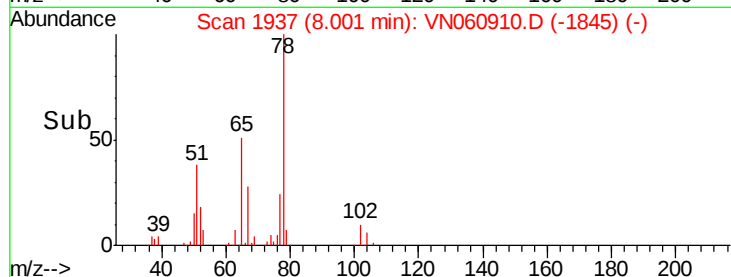
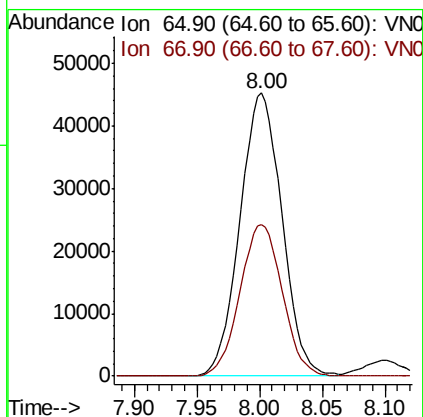
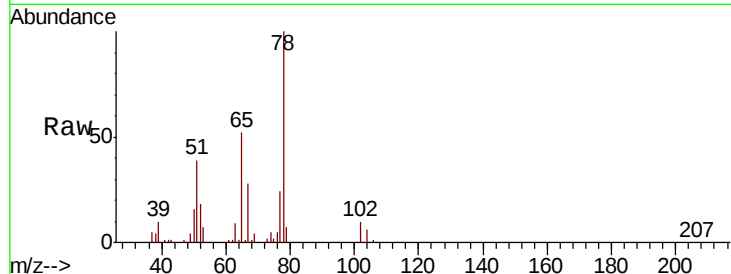




#33
 1,2-Dichloroethane-d4
 Concen: 52.320 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060910.D
 Acq: 13 Apr 2020 19:37

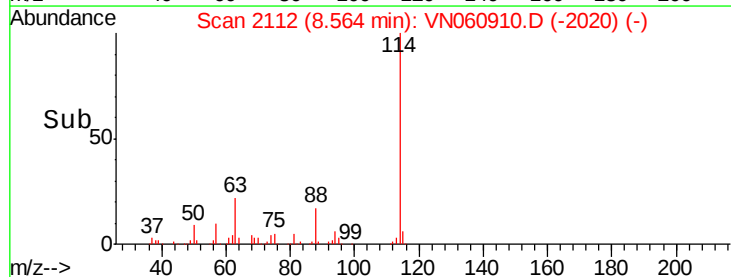
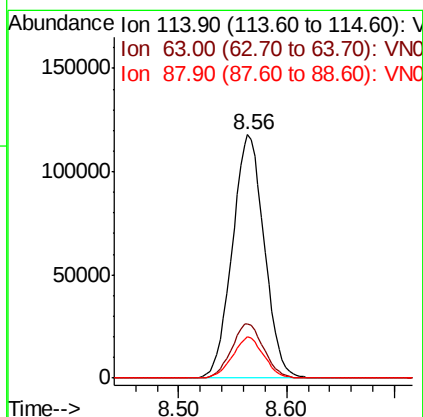
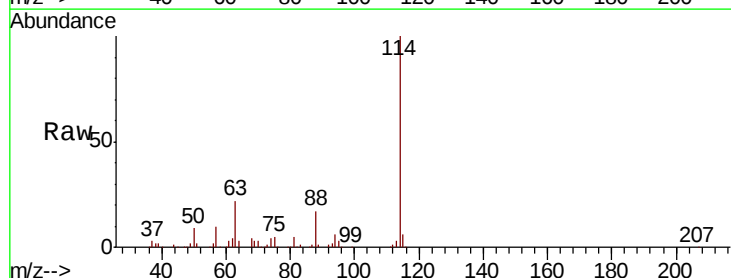
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

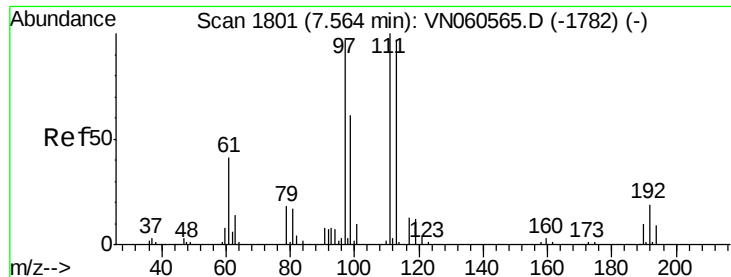
Tot Ion: 65 Resp: 105562
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060910.D
 Acq: 13 Apr 2020 19:37

Tgt Ion: 114 Resp: 243460
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.8
 88 16.8 0.0 33.0

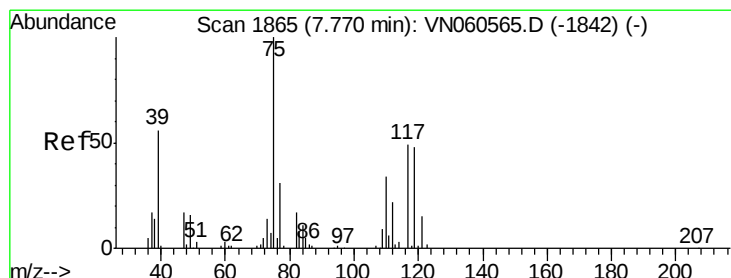
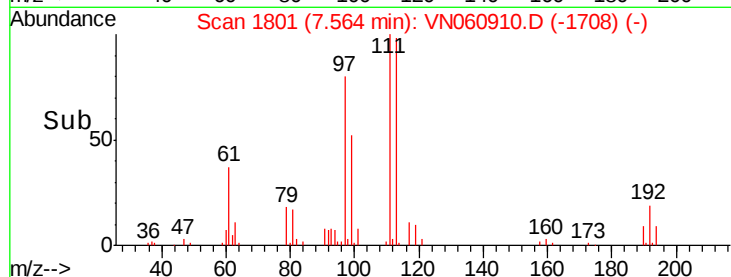
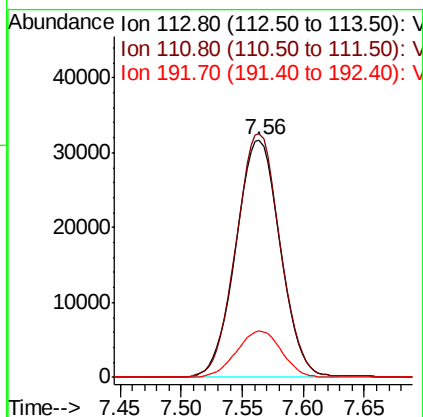
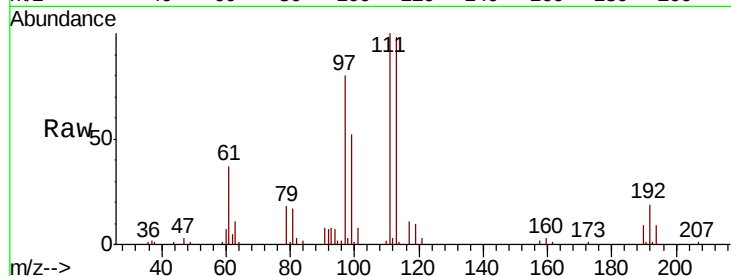




#35
 Dibromofluoromethane
 Concen: 54.320 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060910.D
 Acq: 13 Apr 2020 19:37

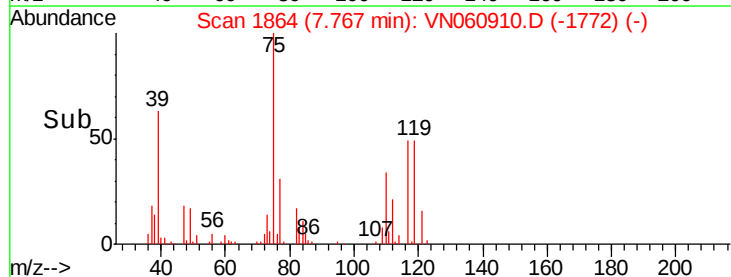
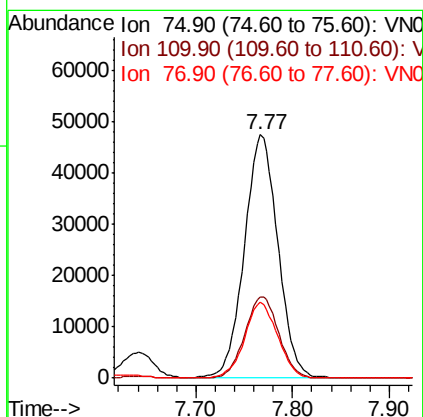
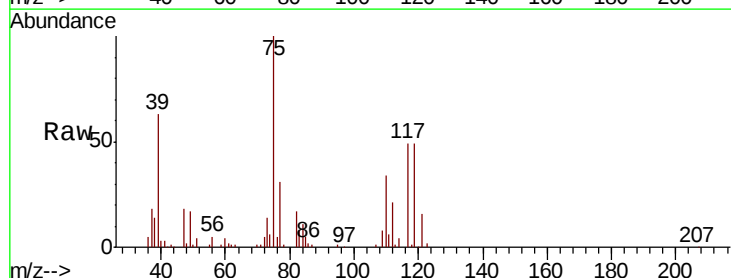
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

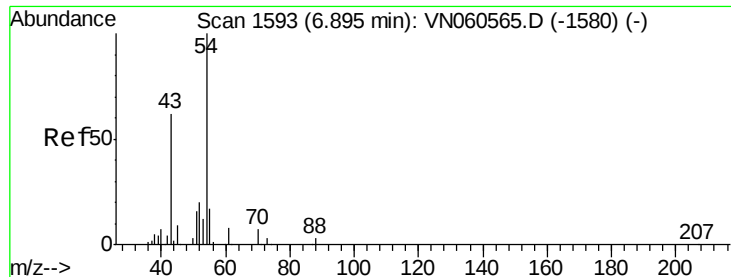
Tot Ion:113 Resp: 79966
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.9 124.3
 192 19.7 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 48.646 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060910.D
 Acq: 13 Apr 2020 19:37

Tgt Ion: 75 Resp: 114681
 Ion Ratio Lower Upper
 75 100
 110 33.5 16.9 50.6
 77 30.6 24.6 36.8

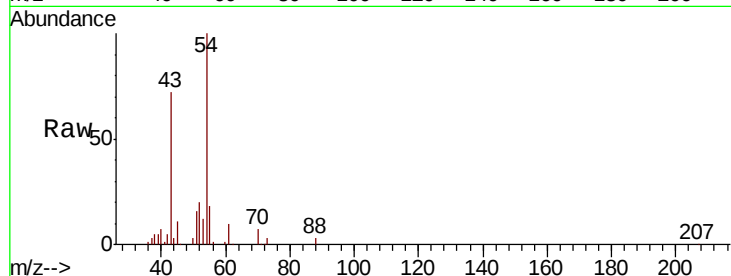




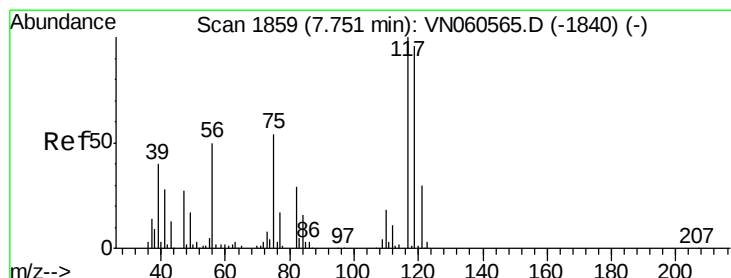
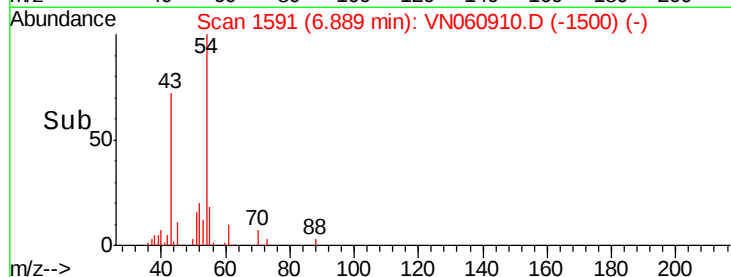
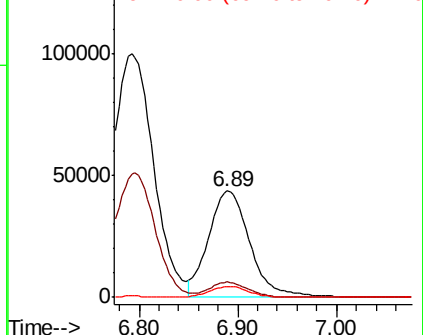
#37
Ethyl Acetate
Concen: 49.390 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VN060910.D
Acq: 13 Apr 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 125809
Ion Ratio Lower Upper
43 100
61 13.7 10.6 15.8
70 9.8 7.9 11.9

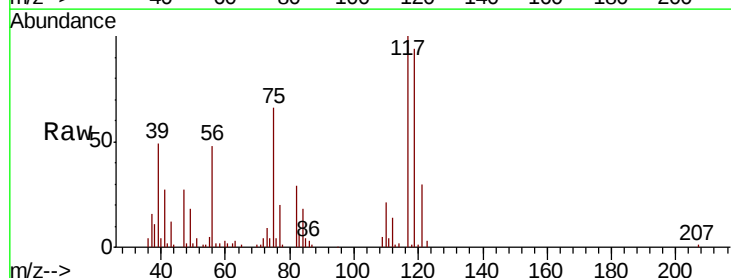


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

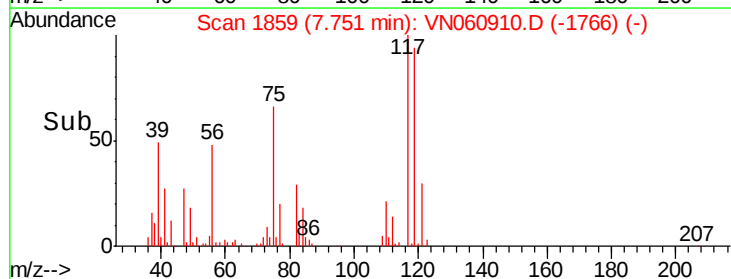
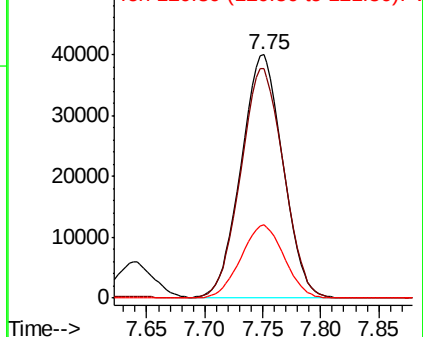


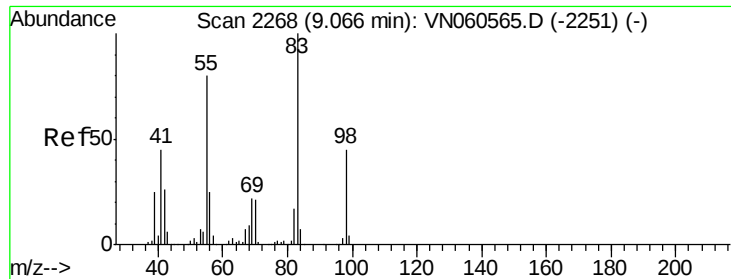
#38
Carbon Tetrachloride
Concen: 47.723 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060910.D
Acq: 13 Apr 2020 19:37

Tgt Ion: 117 Resp: 100832
Ion Ratio Lower Upper
117 100
119 94.2 76.2 114.2
121 30.0 23.7 35.5



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

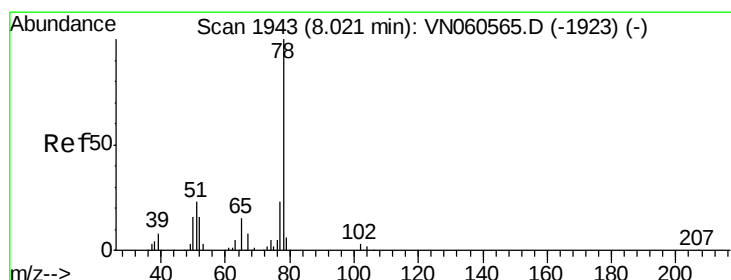
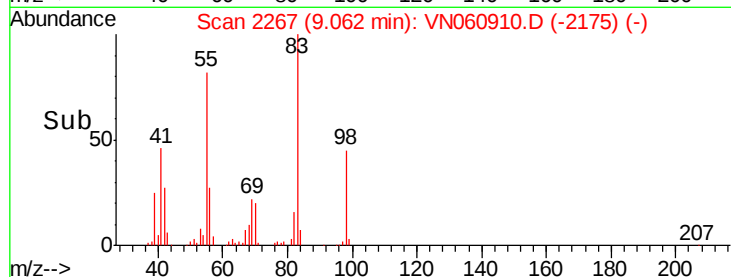
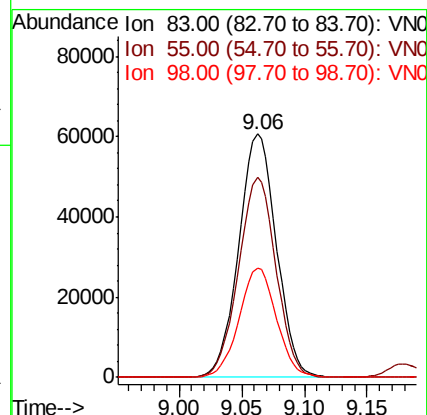
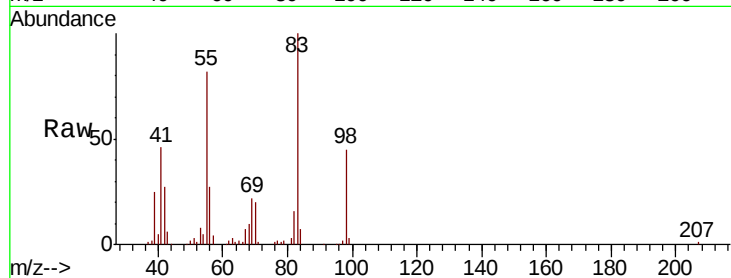




#39
Methvlcvclohexane
Concen: 45.106 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060910.D
Acq: 13 Apr 2020 19:37

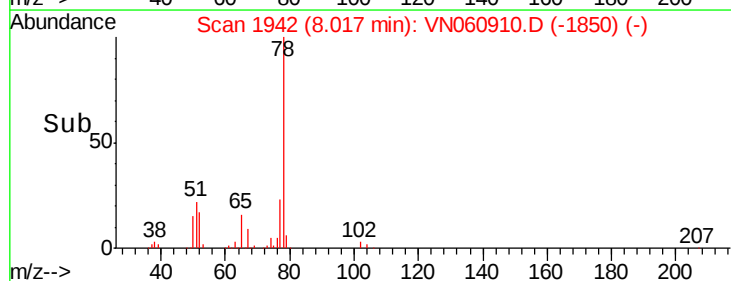
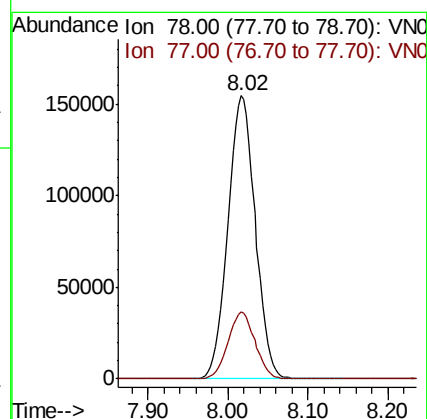
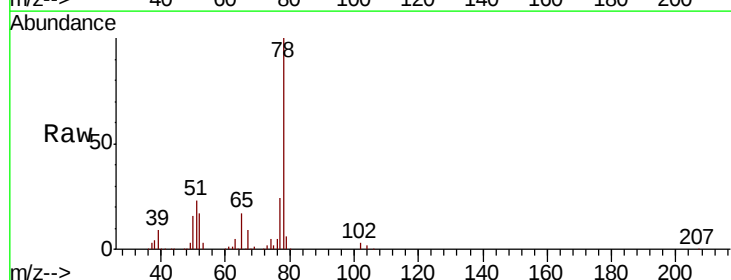
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

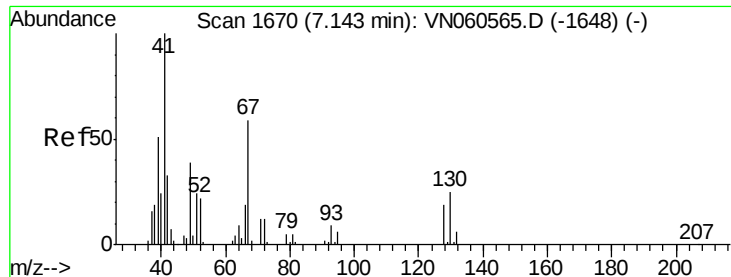
Tot Ion: 83 Resp: 126365
Ion Ratio Lower Upper
83 100
55 82.0 63.6 95.4
98 45.0 36.0 54.0



#40
Benzene
Concen: 50.697 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060910.D
Acq: 13 Apr 2020 19:37

Tgt Ion: 78 Resp: 360789
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0

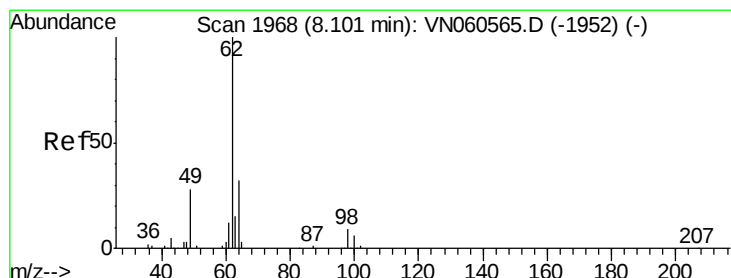
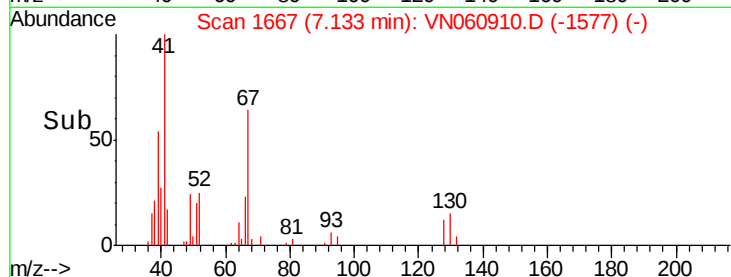
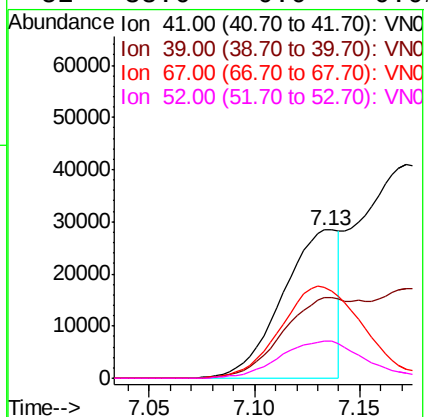
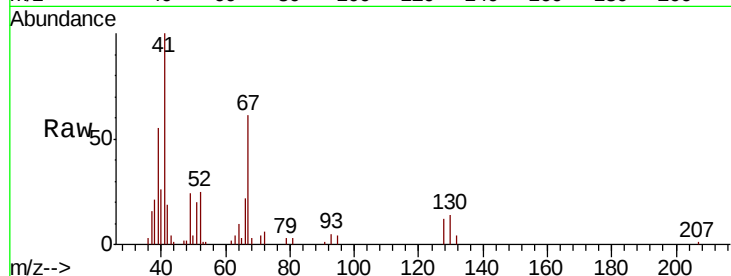




#41
Methacrylonitrile
Concen: 48.271 ug/l
RT: 7.13 min Scan# 1667
Delta R.T. -0.01 min
Lab File: VN060910.D
Acq: 13 Apr 2020 19:37

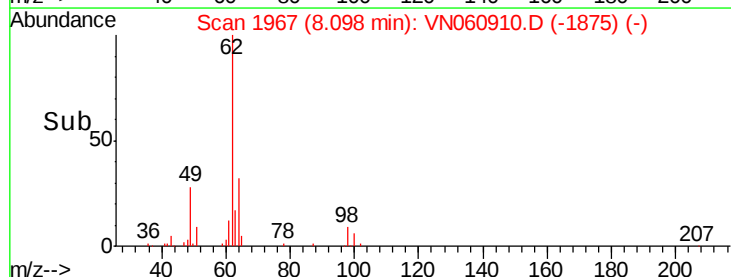
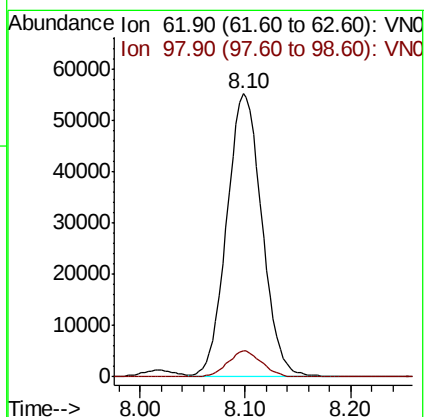
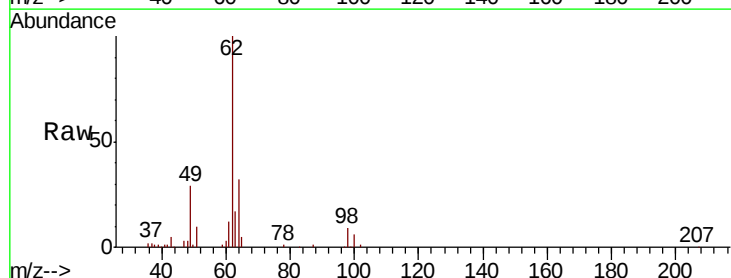
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

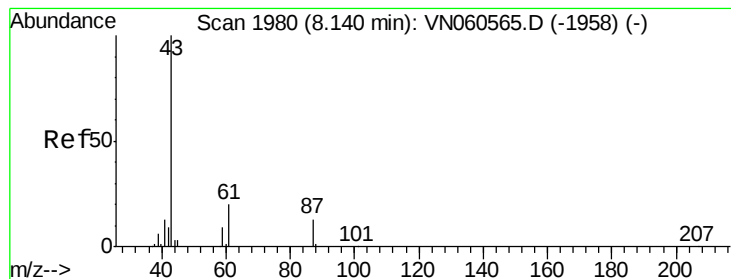
Tot Ion:	41	Resp:	52476
Ion	Ratio	Lower	Upper
41	100		
39	64.9	0.0	0.0#
67	92.4	0.0	0.0#
52	38.6	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 52.538 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060910.D
Acq: 13 Apr 2020 19:37

Tgt Ion:	62	Resp:	127778
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8





#43

Isopropyl Acetate

Concen: 52.245 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

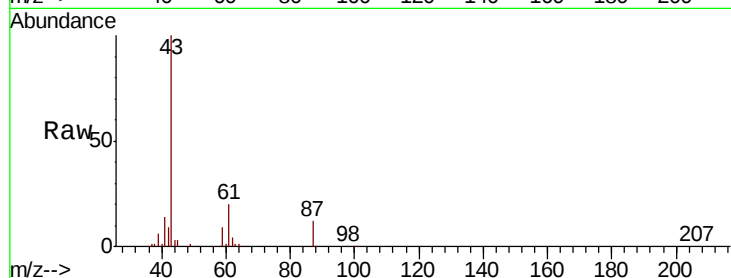
Tot Ion: 43 Resp: 219477

Ion Ratio Lower Upper

43 100

61 25.8 20.7 31.1

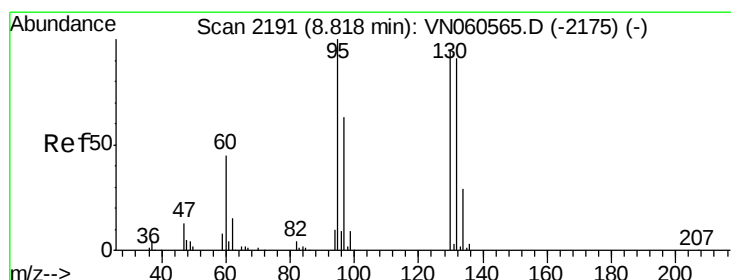
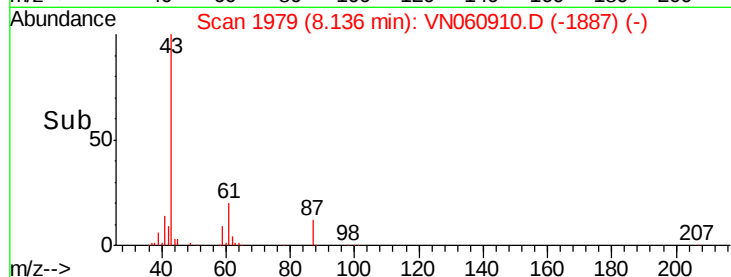
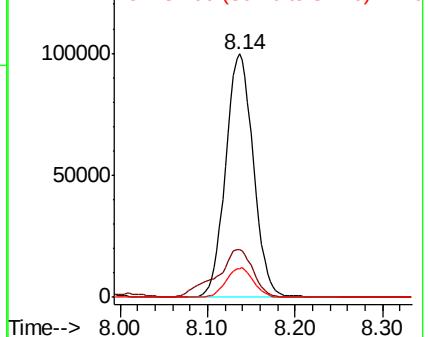
87 12.0 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060910.D (-1979) (-)

Ion 61.00 (60.70 to 61.70): VN060910.D (-1979) (-)

Ion 87.00 (86.70 to 87.70): VN060910.D (-1979) (-)



#44

Trichloroethene

Concen: 49.197 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060910.D

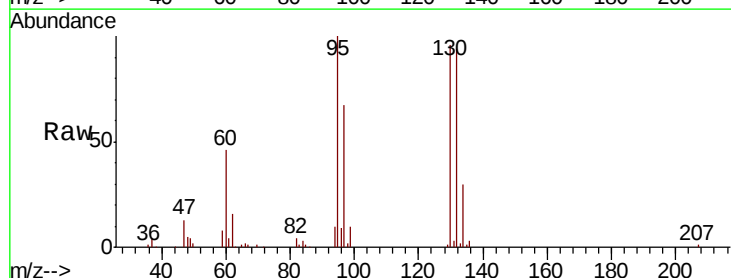
Acq: 13 Apr 2020 19:37

Tgt Ion: 130 Resp: 88259

Ion Ratio Lower Upper

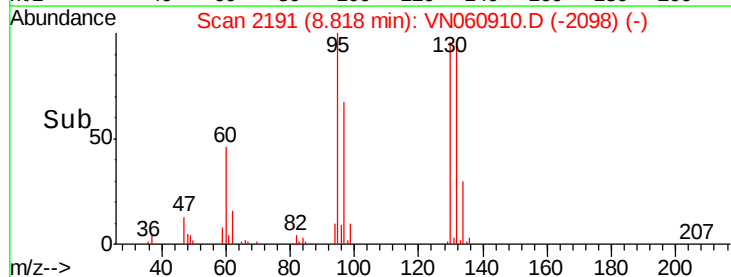
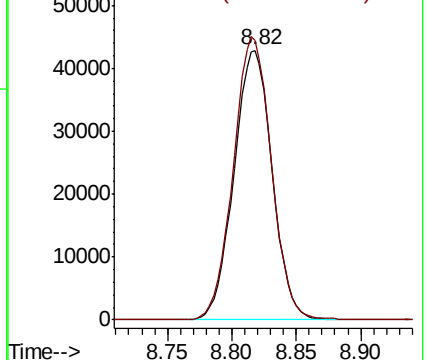
130 100

95 103.7 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): VN060910.D (-2191) (-)

Ion 94.90 (94.60 to 95.60): VN060910.D (-2191) (-)





#45

1,2-Dichloropropane

Concen: 54.022 ug/l

RT: 9.10 min Scan# 2278

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

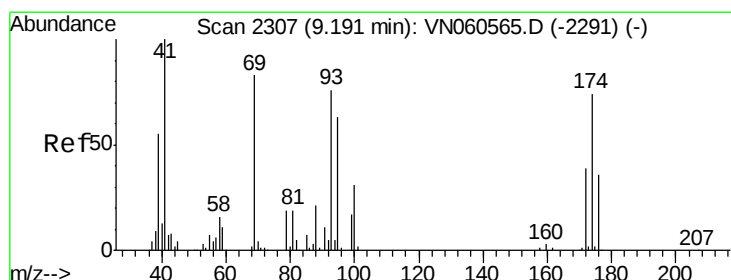
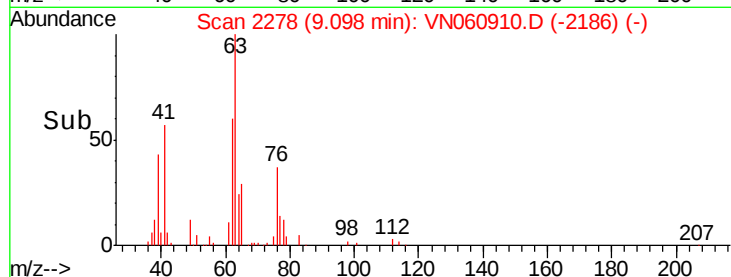
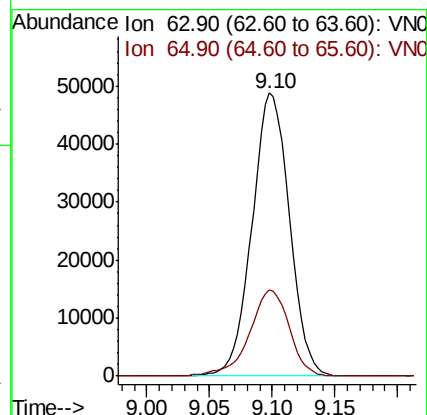
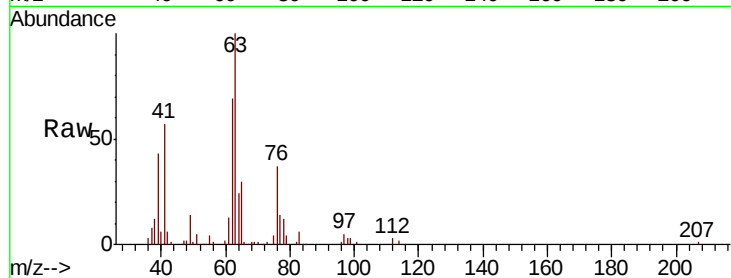
VSTDCCC050

Tot Ion: 63 Resp: 101444

Ion Ratio Lower Upper

63 100

65 30.4 25.4 38.0



#46

Dibromomethane

Concen: 52.359 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

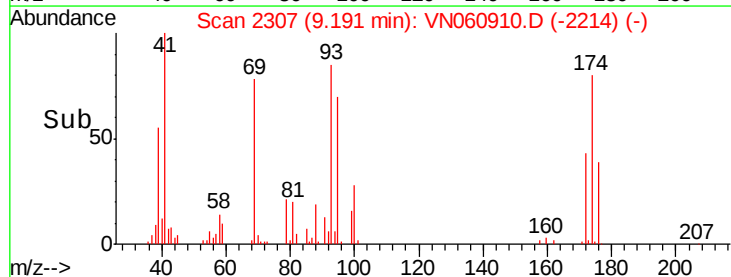
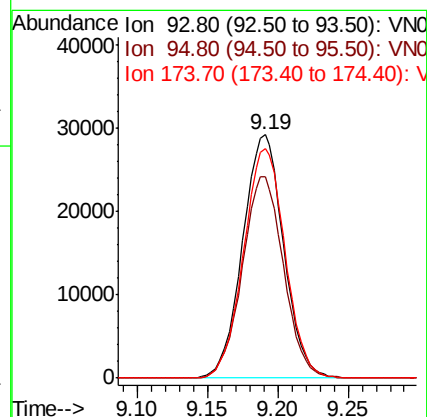
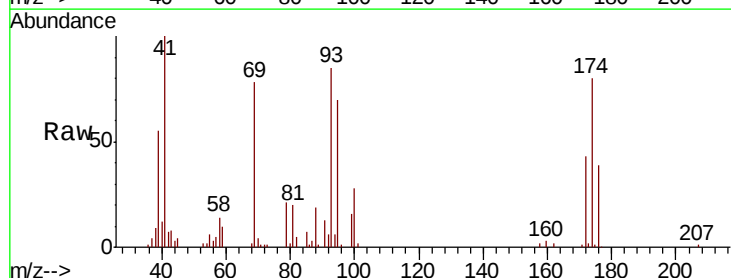
Tgt Ion: 93 Resp: 59441

Ion Ratio Lower Upper

93 100

95 83.3 66.2 99.4

174 95.5 77.9 116.9





#47

Bromodichloromethane

Concen: 53.635 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

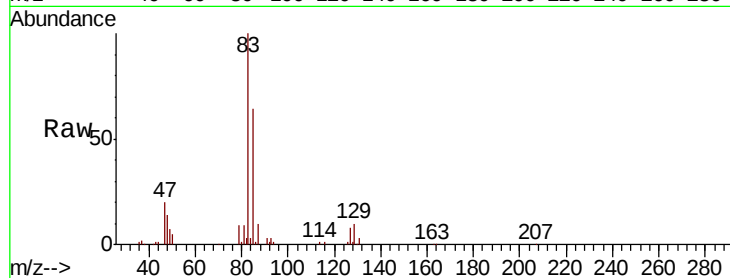
Tot Ion: 83 Resp: 126530

Ion Ratio Lower Upper

83 100

85 64.2 51.8 77.6

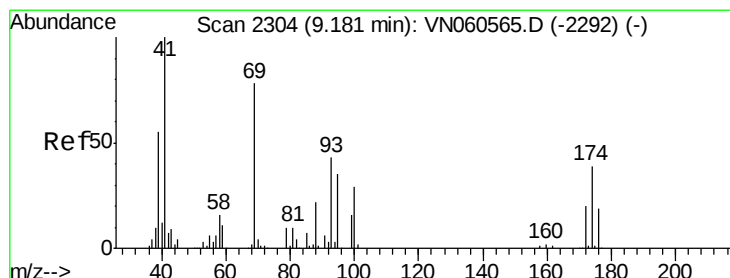
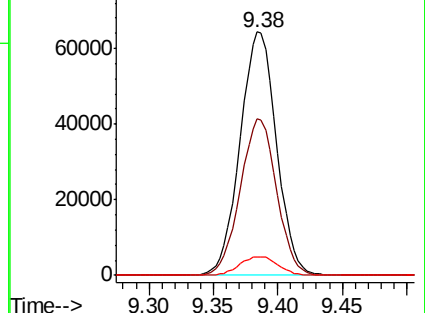
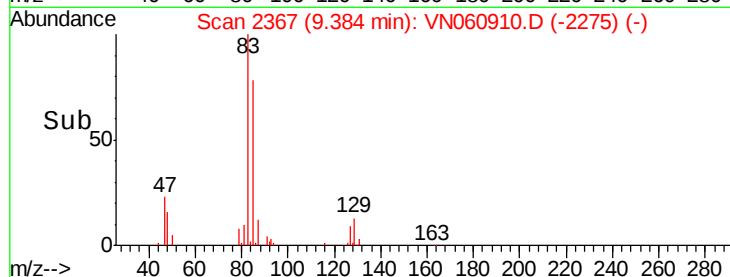
127 7.7 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060910.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060910.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060910.D (-2275) (-)



#48

Methyl methacrylate

Concen: 52.567 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

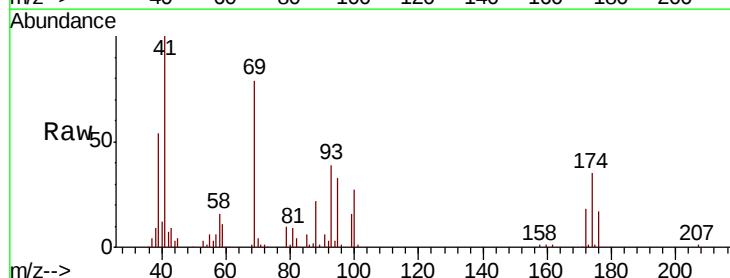
Tgt Ion: 41 Resp: 98321

Ion Ratio Lower Upper

41 100

69 80.2 65.4 98.0

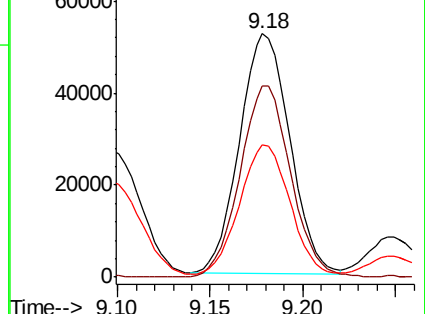
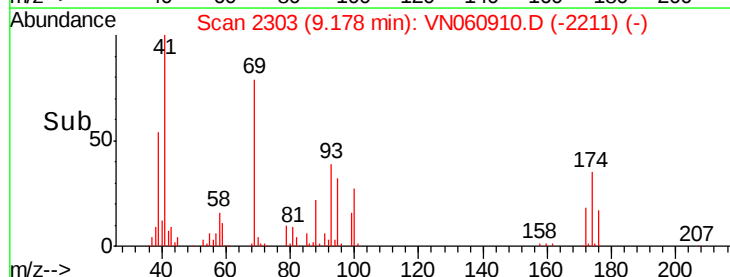
39 56.3 44.0 66.0

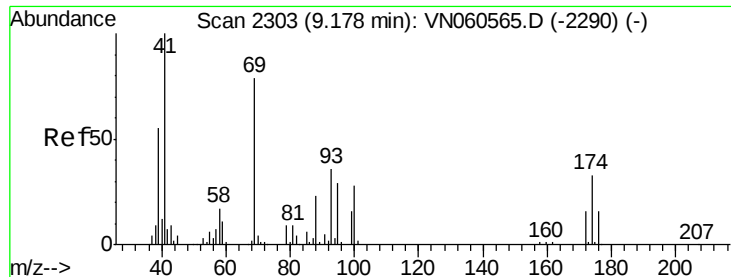


Abundance Ion 41.00 (40.70 to 41.70): VN060910.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060910.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060910.D (-2211) (-)

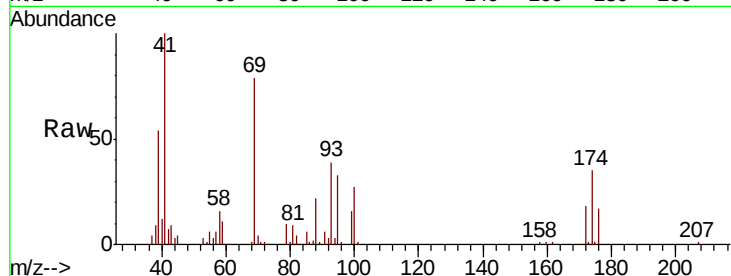




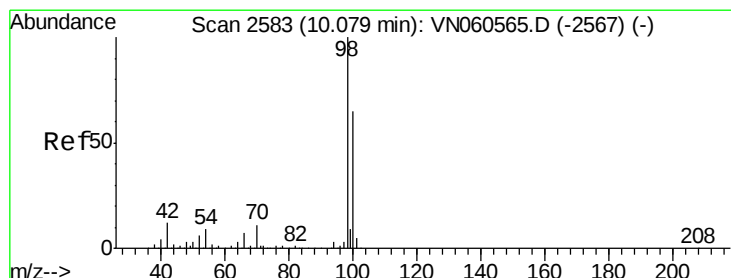
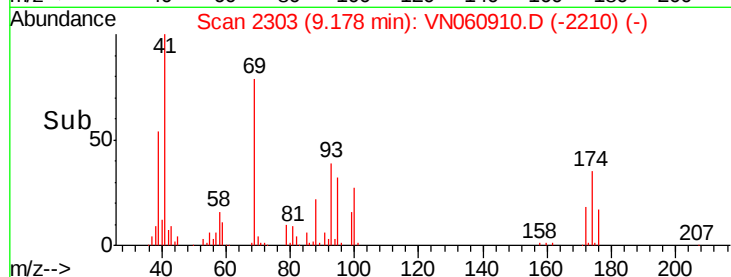
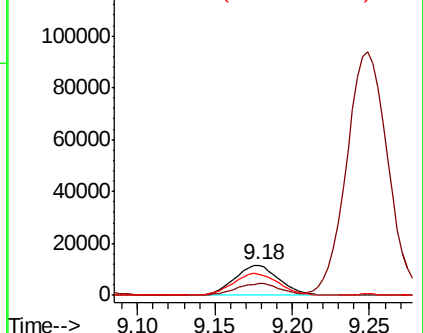
#49
1,4-Dioxane
Concen: 1035.415 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060910.D
Acq: 13 Apr 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 23019
Ion Ratio Lower Upper
88 100
43 39.6 30.8 46.2
58 75.9 59.8 89.8

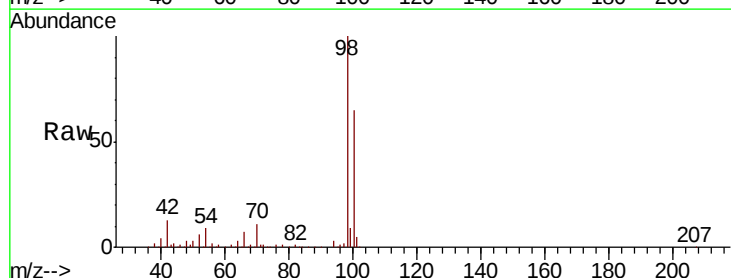


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

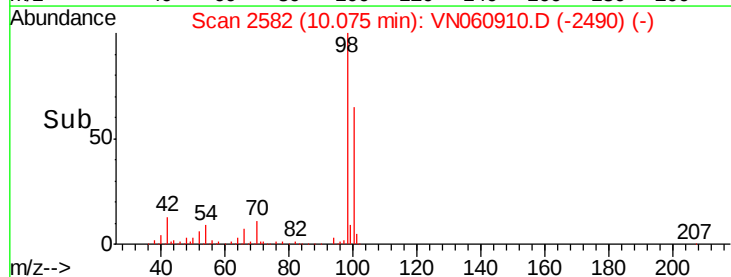
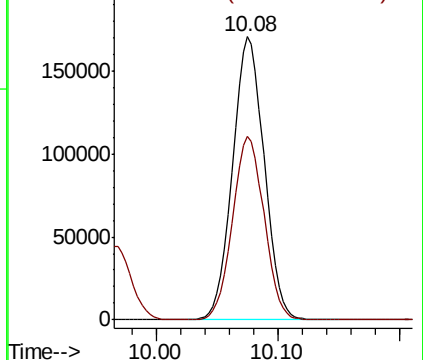


#50
Toluene-d8
Concen: 50.908 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060910.D
Acq: 13 Apr 2020 19:37

Tgt Ion: 98 Resp: 306115
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.8



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





#51

4-Methyl-2-Pentanone

Concen: 262.899 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

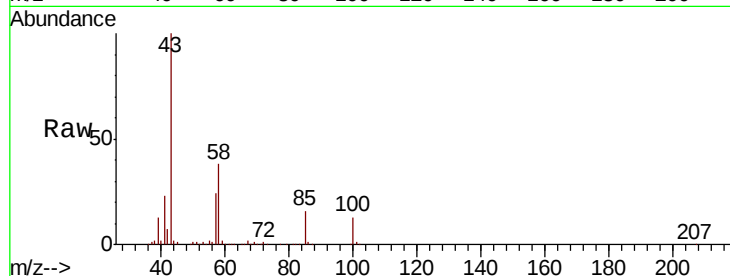
VSTDCCC050

Tot Ion: 43 Resp: 628465

Ion Ratio Lower Upper

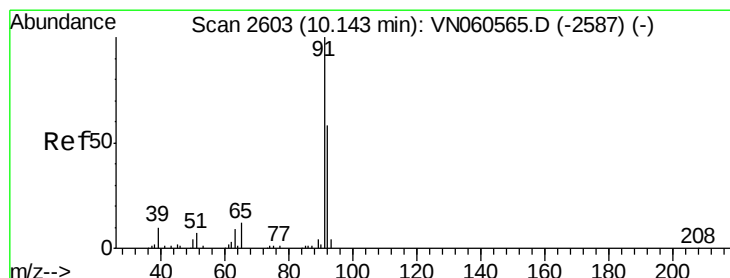
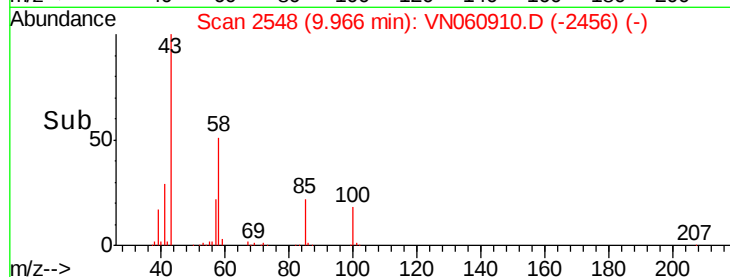
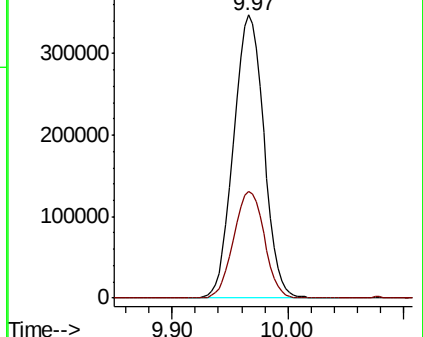
43 100

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) (-)



#52

Toluene

Concen: 49.967 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060910.D

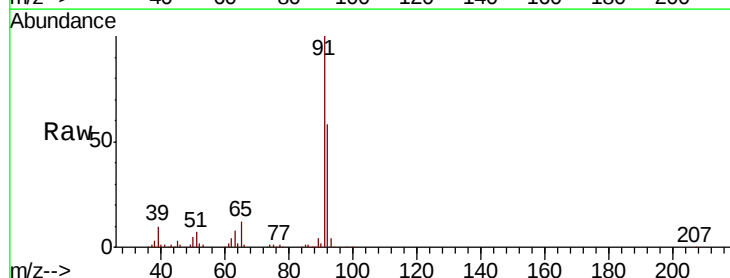
Acq: 13 Apr 2020 19:37

Tgt Ion: 92 Resp: 214754

Ion Ratio Lower Upper

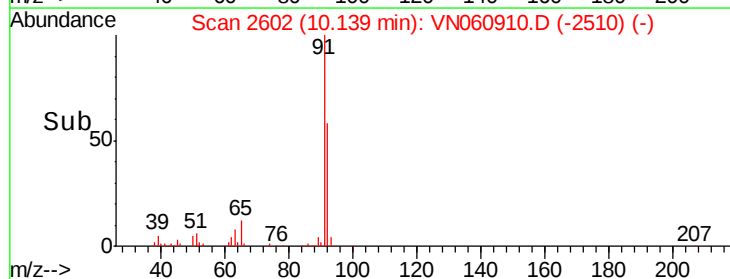
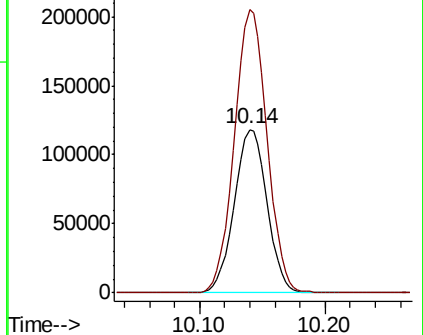
92 100

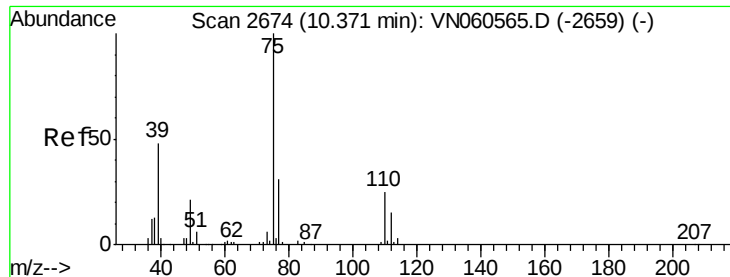
91 172.9 137.6 206.4



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

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





#53

t-1,3-Dichloropropene

Concen: 53.552 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

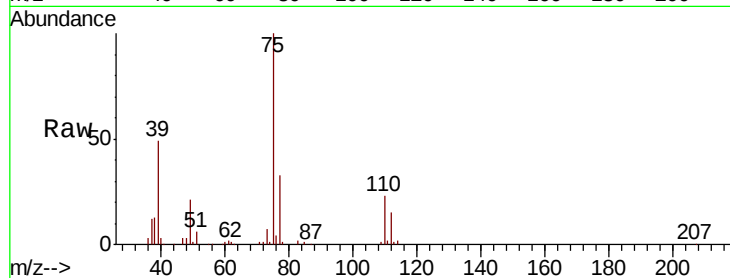
VSTDCCC050

Tot Ion: 75 Resp: 145116

Ion Ratio Lower Upper

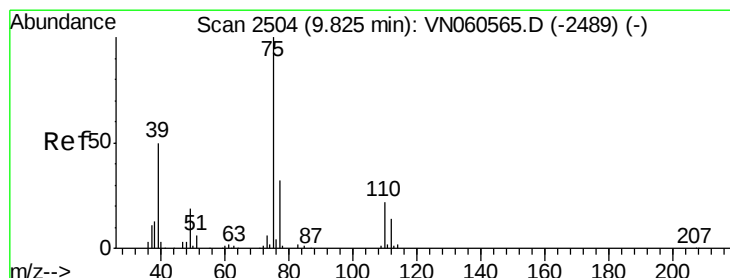
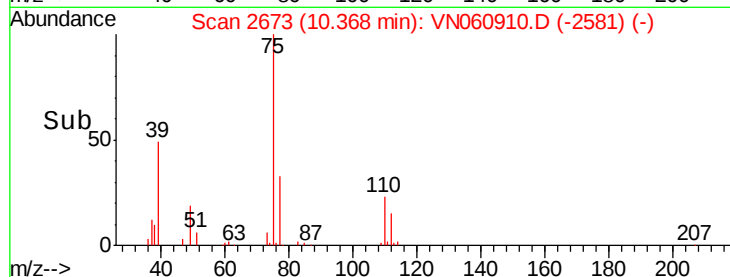
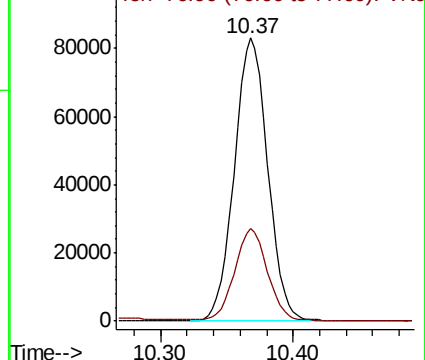
75 100

77 32.3 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 52.597 ug/l

RT: 9.82 min Scan# 2503

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

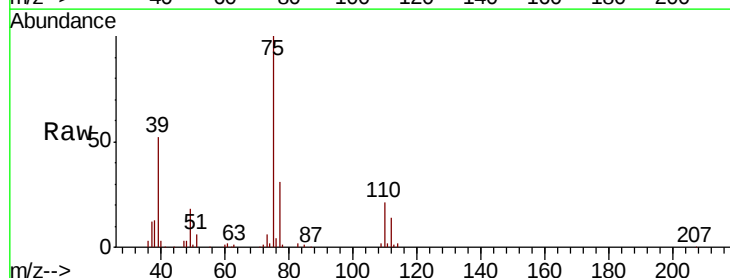
Tgt Ion: 75 Resp: 156360

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0

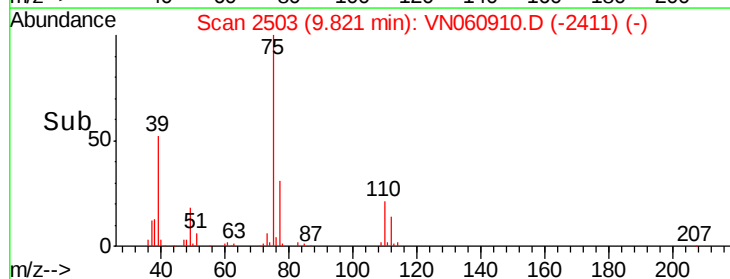
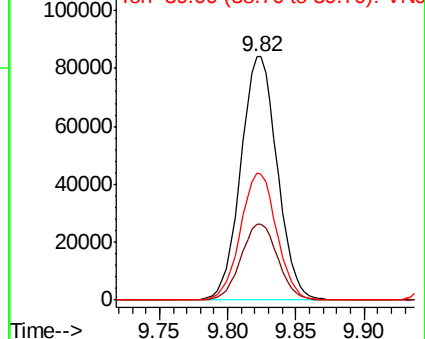
39 52.0 40.2 60.4

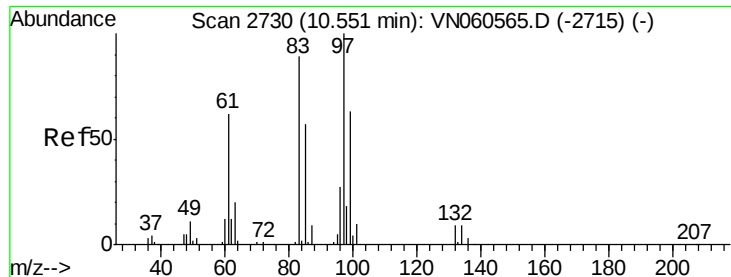


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 52.838 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 87366

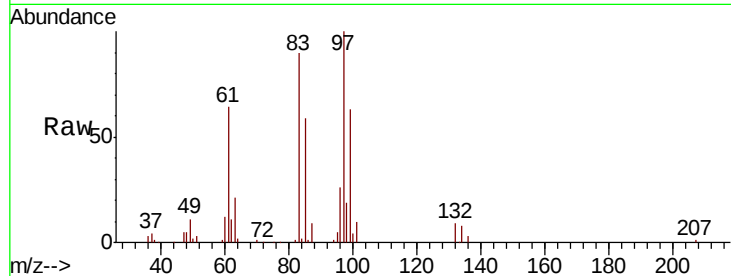
Ion Ratio Lower Upper

97 100

83 90.1 71.3 106.9

85 59.1 45.2 67.8

99 63.1 50.1 75.1

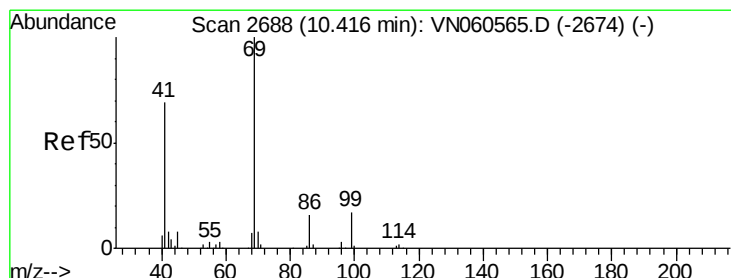
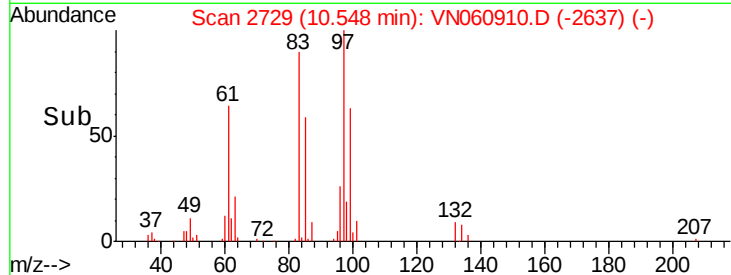
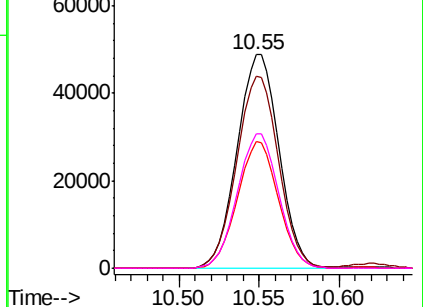


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 54.236 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

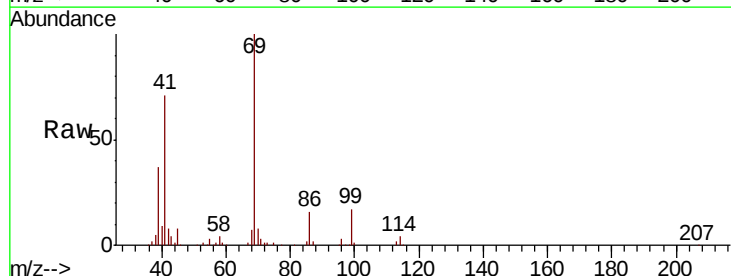
Tgt Ion: 69 Resp: 139829

Ion Ratio Lower Upper

69 100

41 70.8 55.4 83.2

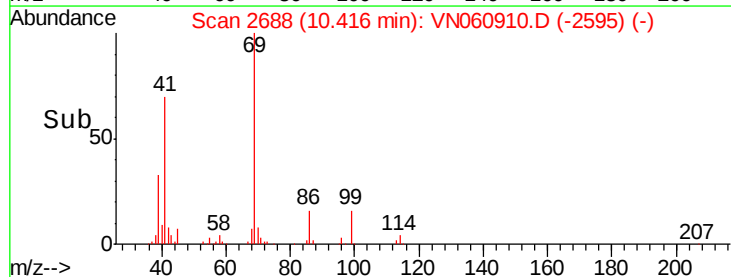
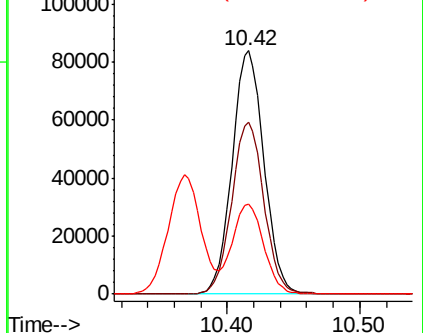
39 36.9 29.4 44.0



Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 53.418 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

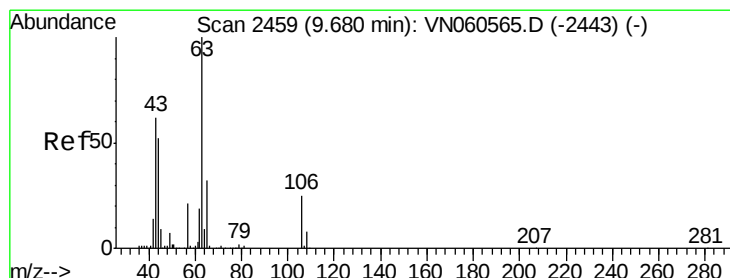
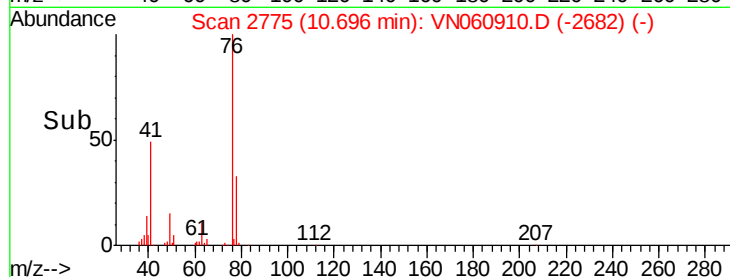
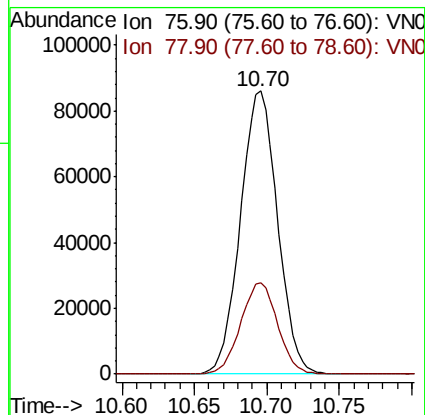
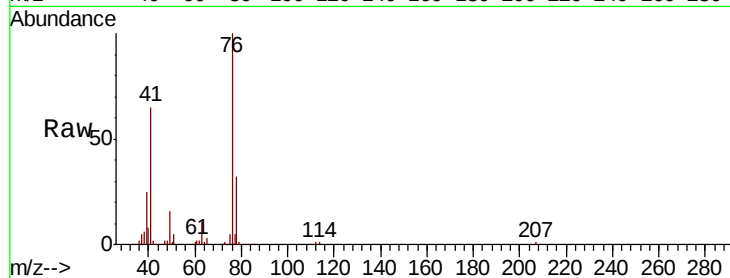
VSTDCCC050

Tot Ion: 76 Resp: 153272

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 235.077 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060910.D

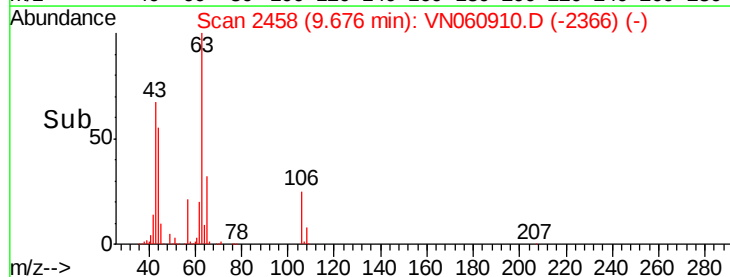
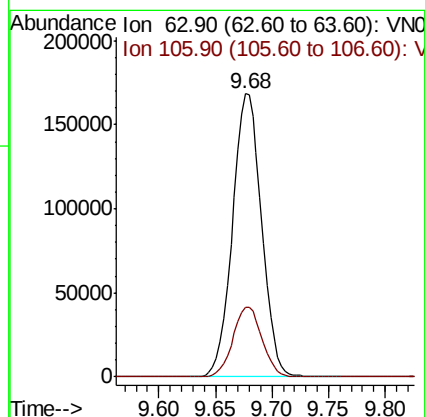
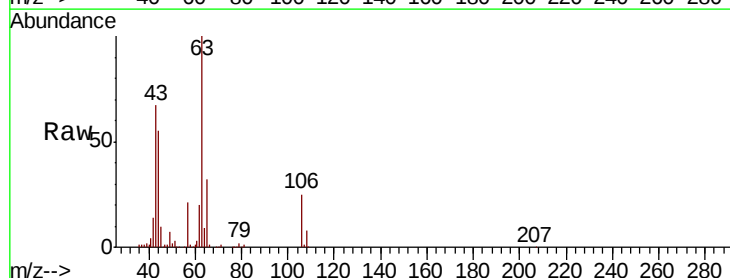
Acq: 13 Apr 2020 19:37

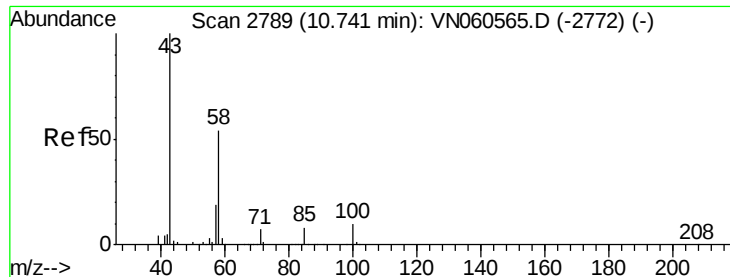
Tgt Ion: 63 Resp: 301220

Ion Ratio Lower Upper

63 100

106 24.7 20.0 30.0

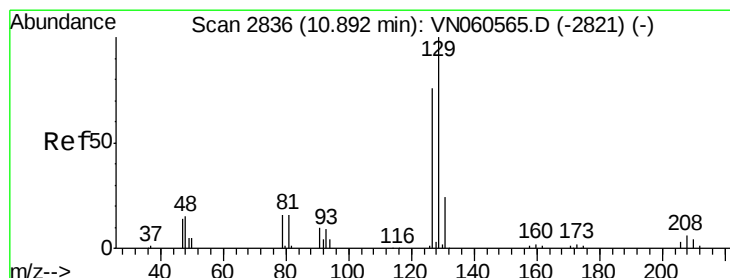
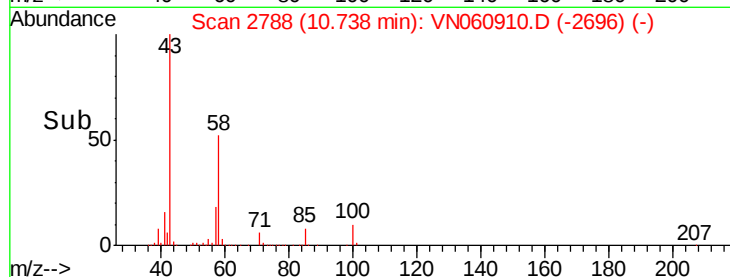
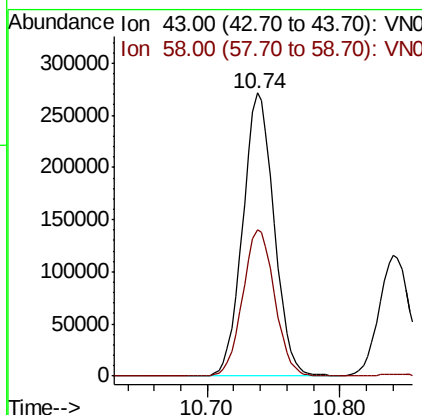
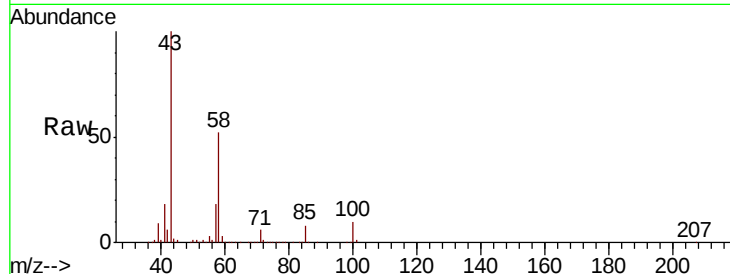




#59
2-Hexanone
Concen: 258.205 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060910.D
Acq: 13 Apr 2020 19:37

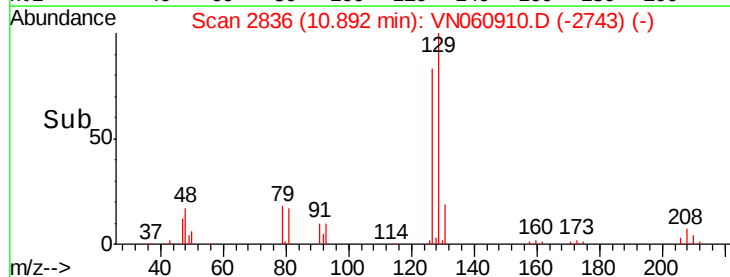
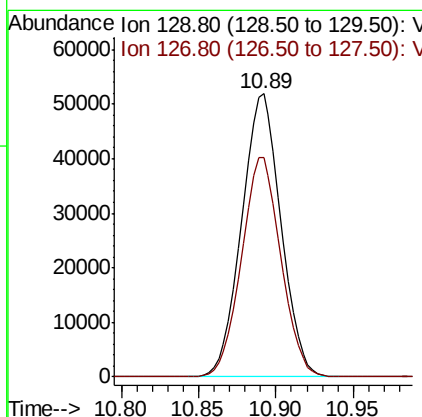
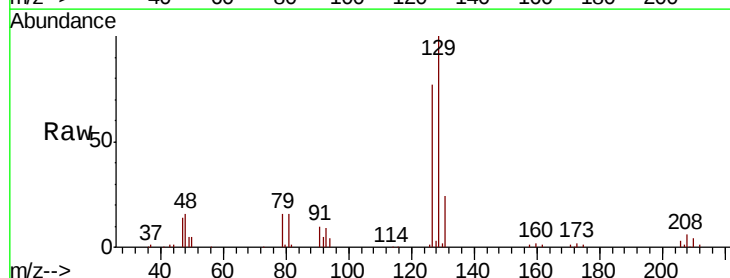
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

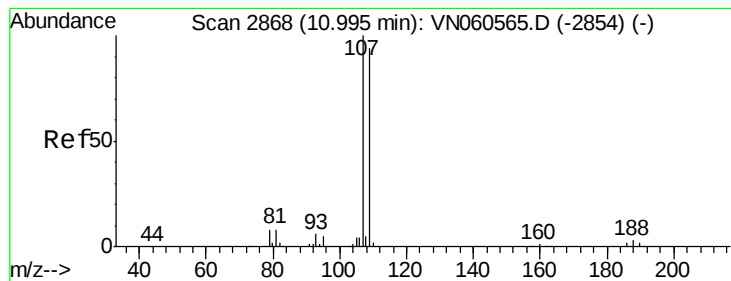
Tot Ion: 43 Resp: 444634
Ion Ratio Lower Upper
43 100
58 52.8 26.7 80.1



#60
Dibromochloromethane
Concen: 53.763 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060910.D
Acq: 13 Apr 2020 19:37

Tgt Ion: 129 Resp: 91824
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.882 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

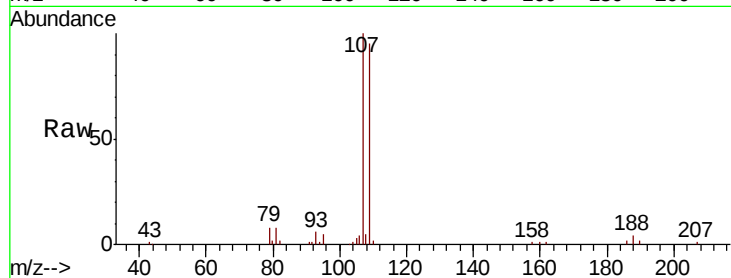
VSTDCCC050

Tot Ion:107 Resp: 86262

Ion Ratio Lower Upper

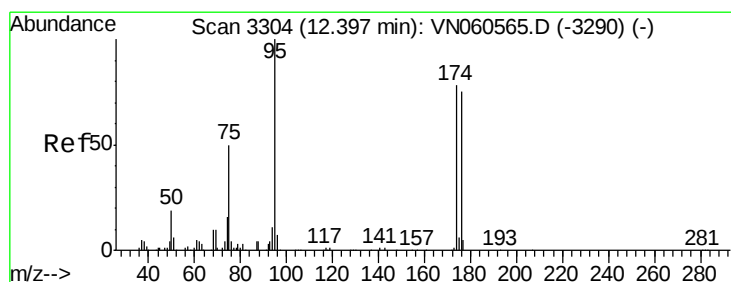
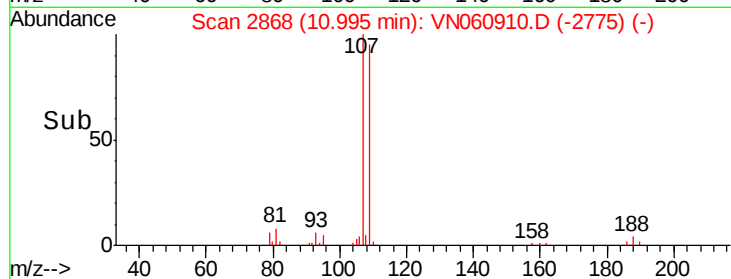
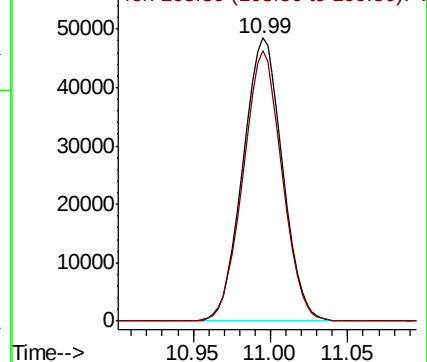
107 100

109 94.0 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.417 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

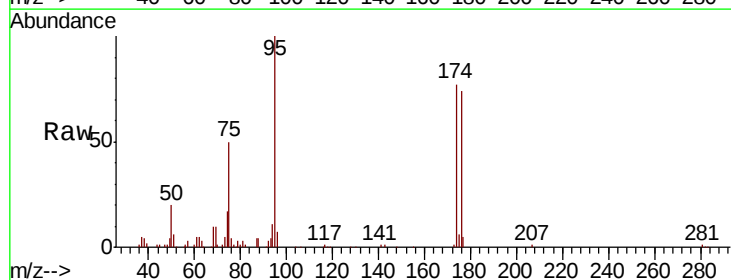
Tgt Ion: 95 Resp: 115511

Ion Ratio Lower Upper

95 100

174 76.1 0.0 157.6

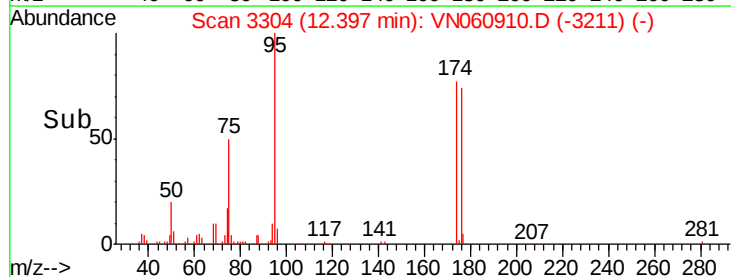
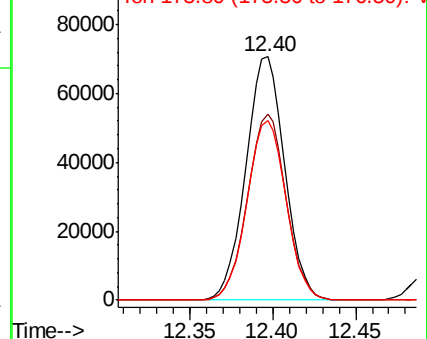
176 74.2 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

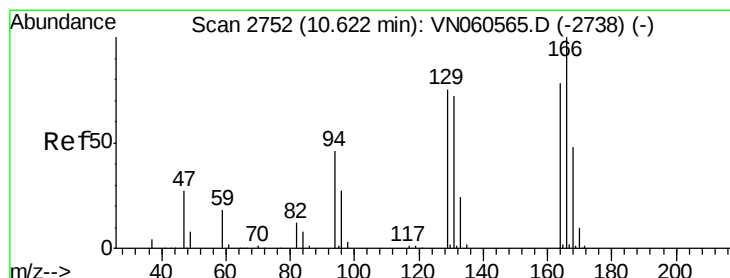
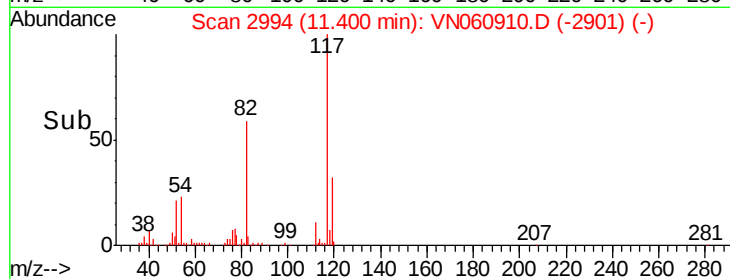
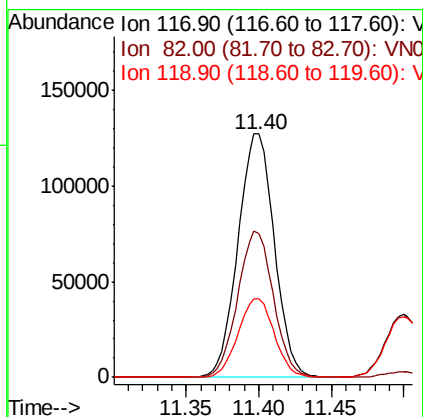
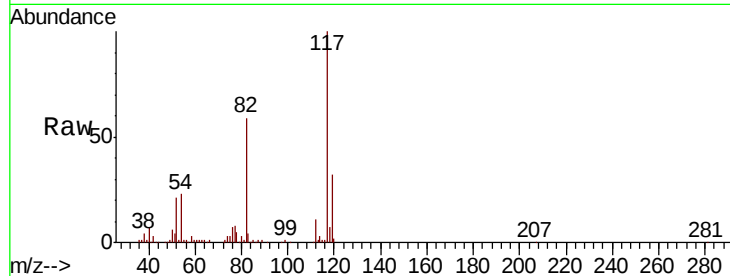




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060910.D
Acq: 13 Apr 2020 19:37

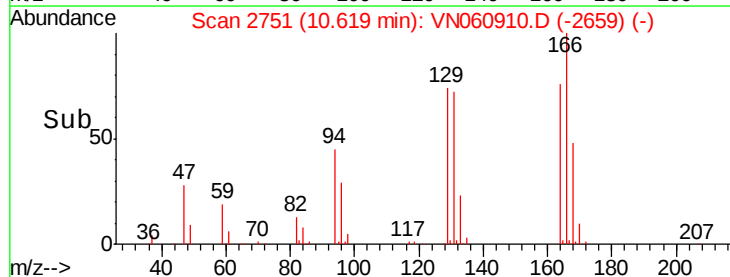
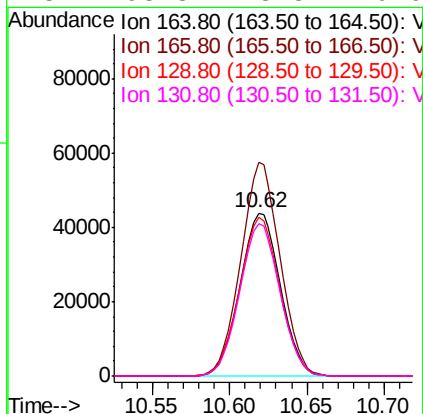
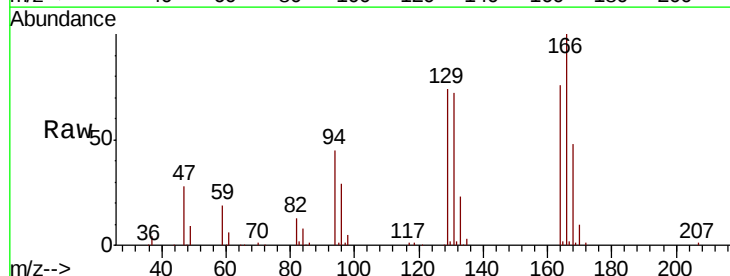
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 222095
Ion Ratio Lower Upper
117 100
82 59.0 46.7 70.1
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 45.452 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060910.D
Acq: 13 Apr 2020 19:37

Tgt Ion:164 Resp: 79437
Ion Ratio Lower Upper
164 100
166 131.2 102.7 154.1
129 97.3 77.2 115.8
131 93.8 73.8 110.6





#65

Chlorobenzene

Concen: 50.625 ug/l

RT: 11.42 min Scan# 3001

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

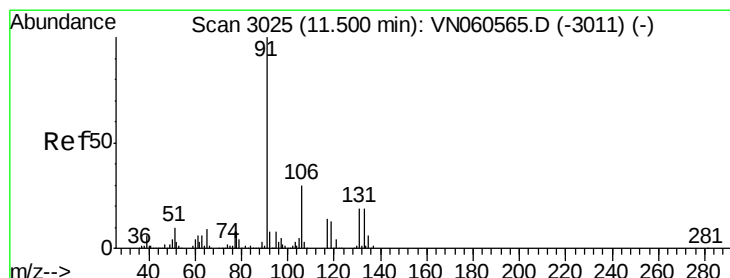
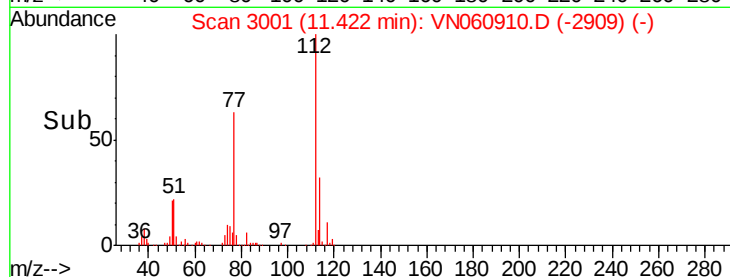
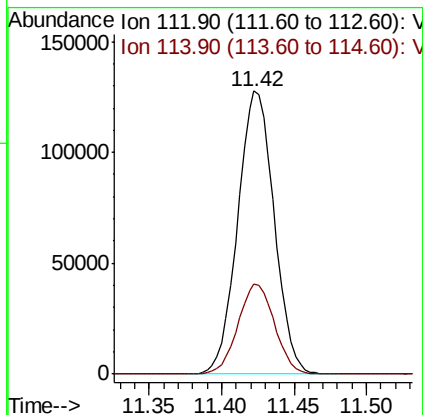
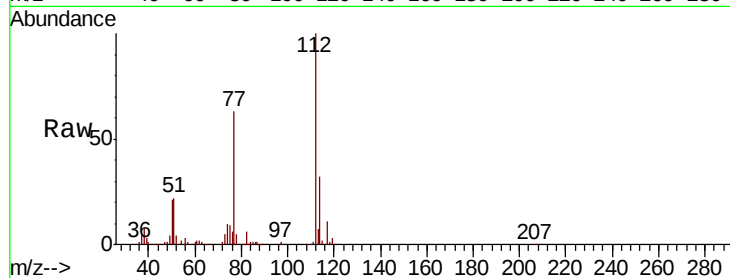
VSTDCCC050

Tot Ion:112 Resp: 222893

Ion Ratio Lower Upper

112 100

114 31.8 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.464 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

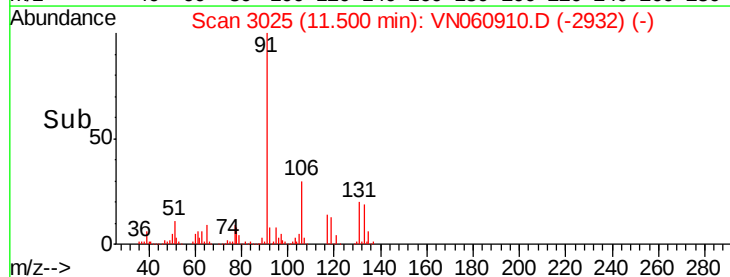
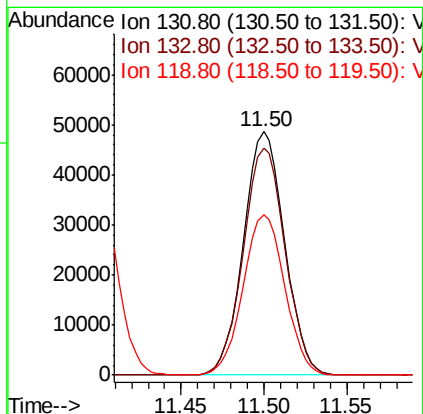
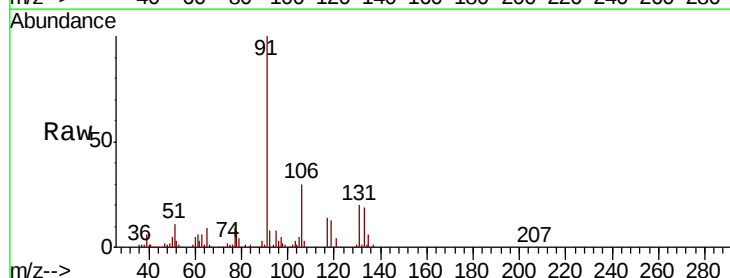
Tgt Ion:131 Resp: 83634

Ion Ratio Lower Upper

131 100

133 95.2 48.9 146.8

119 66.9 33.9 101.7





#67

Ethyl Benzene

Concen: 50.225 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

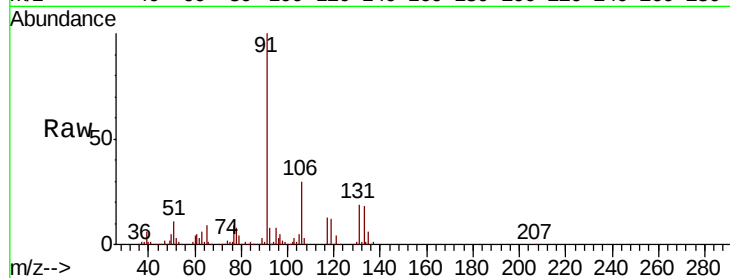
VSTDCCC050

Tot Ion: 91 Resp: 411231

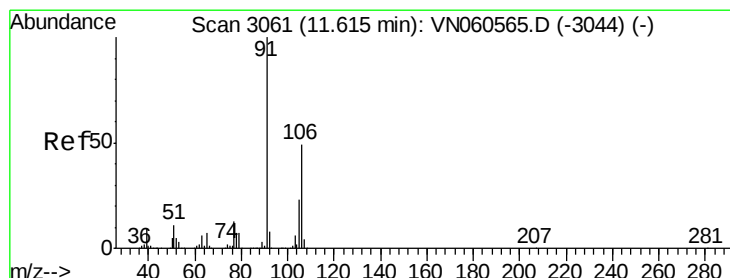
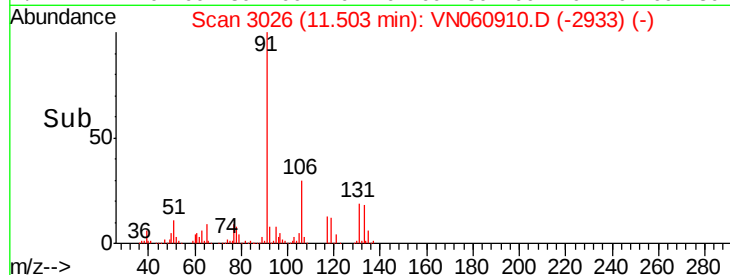
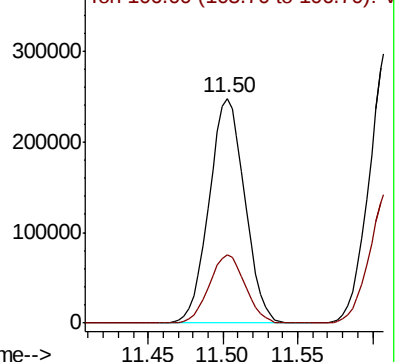
Ion Ratio Lower Upper

91 100

106 30.1 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VN060910.D (-2933) (-)



#68

m/p-Xylenes

Concen: 99.555 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060910.D

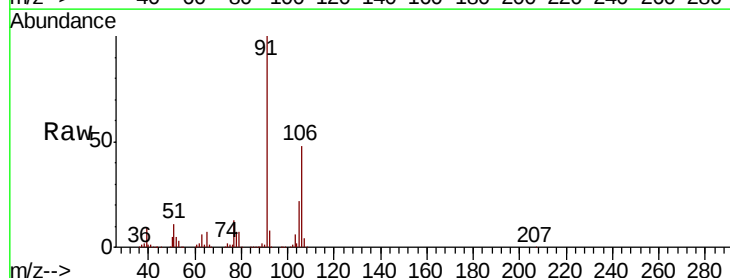
Acq: 13 Apr 2020 19:37

Tgt Ion: 106 Resp: 302904

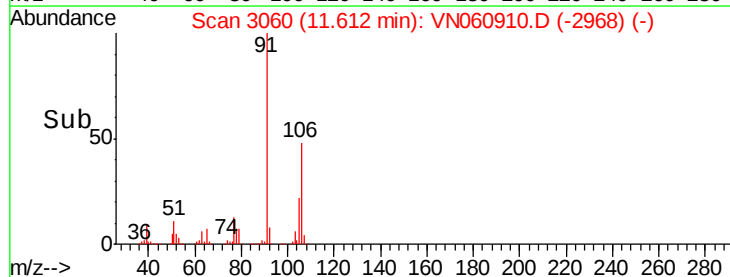
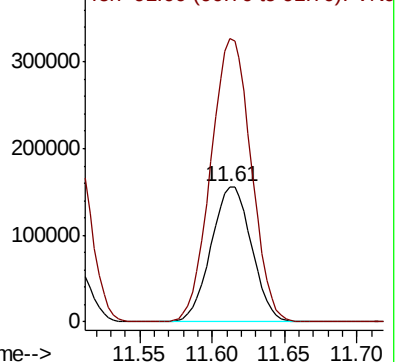
Ion Ratio Lower Upper

106 100

91 209.1 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): VN060910.D (-2968) (-)

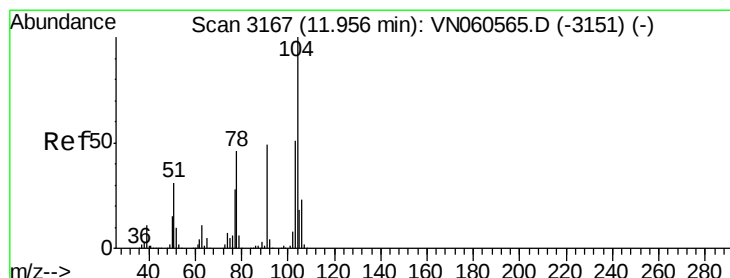
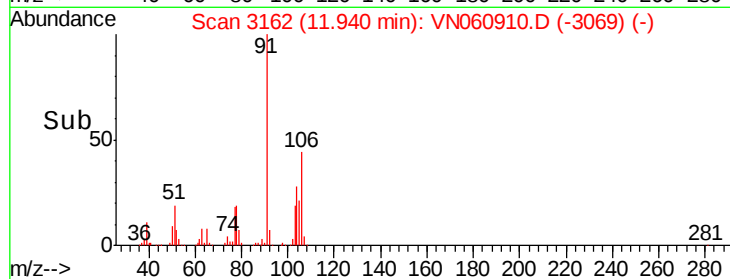
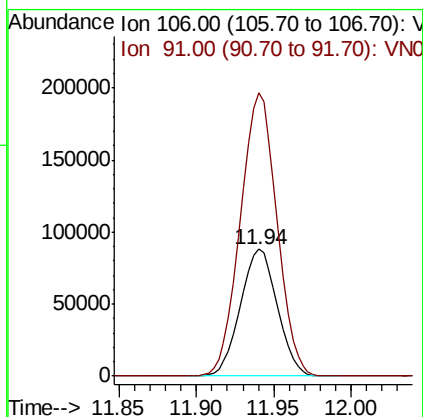
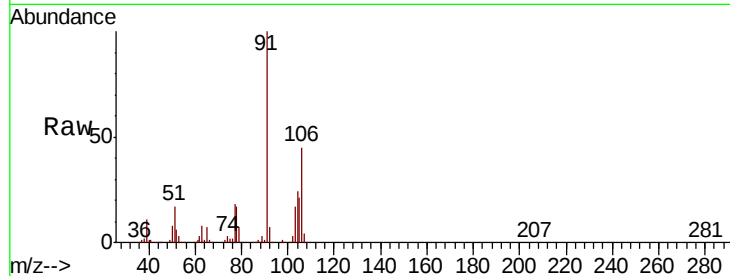




#69
o-Xylene
Concen: 50.426 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060910.D
Acq: 13 Apr 2020 19:37

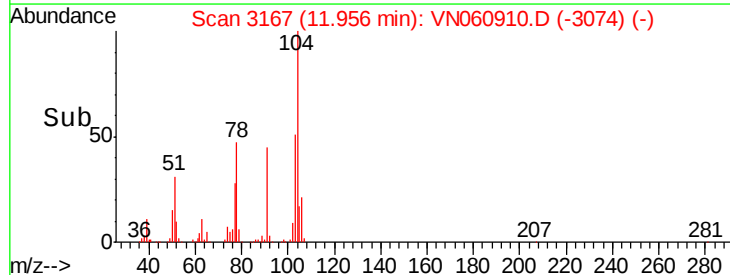
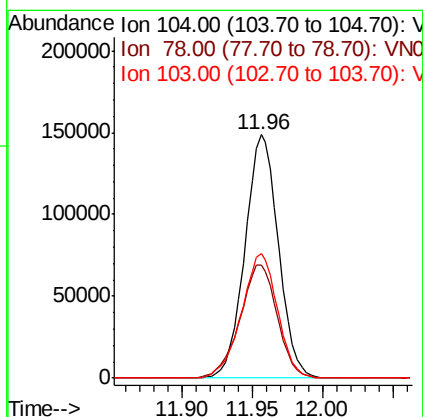
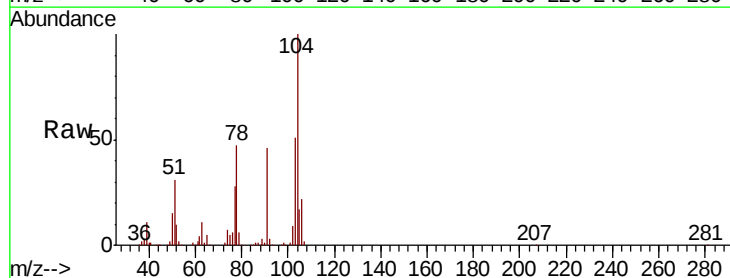
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

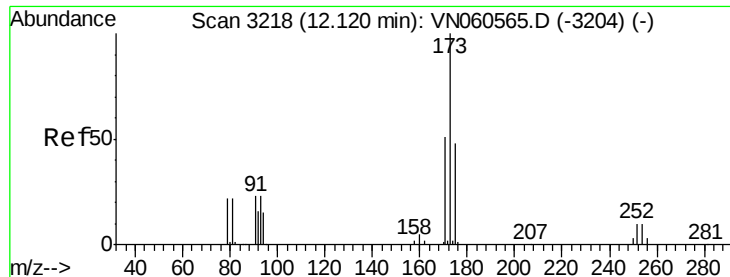
Tot Ion:106 Resp: 146463
Ion Ratio Lower Upper
106 100
91 221.2 109.5 328.4



#70
Styrene
Concen: 51.988 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060910.D
Acq: 13 Apr 2020 19:37

Tgt Ion:104 Resp: 246961
Ion Ratio Lower Upper
104 100
78 51.8 41.2 61.8
103 55.2 44.0 66.0

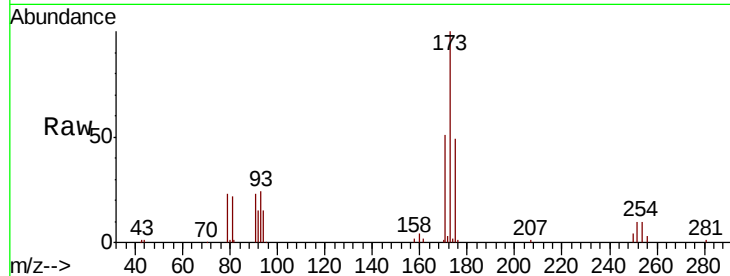




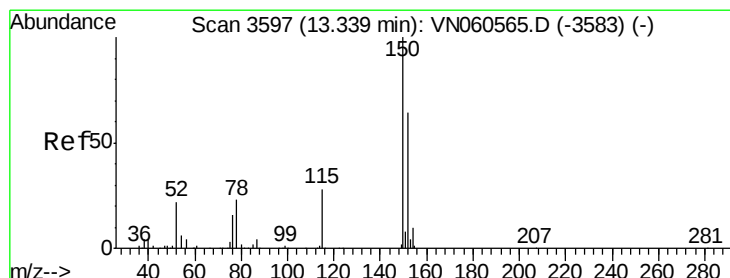
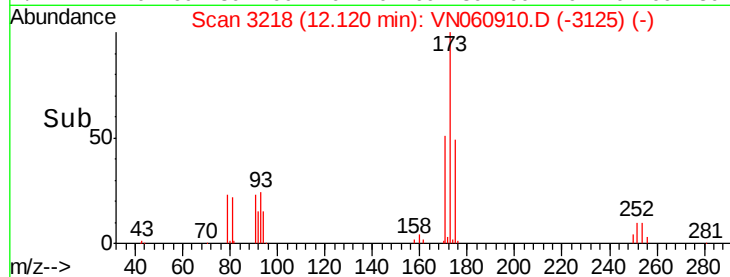
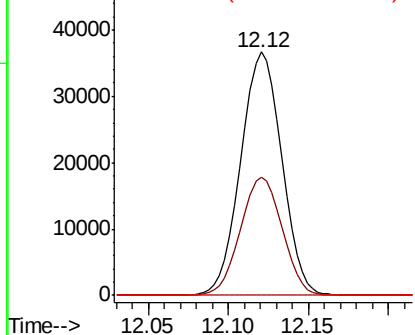
#71
Bromoform
Concen: 48.536 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060910.D
Acq: 13 Apr 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 64239
Ion Ratio Lower Upper
173 100
175 49.2 24.1 72.4
254 0.0 0.0 0.0

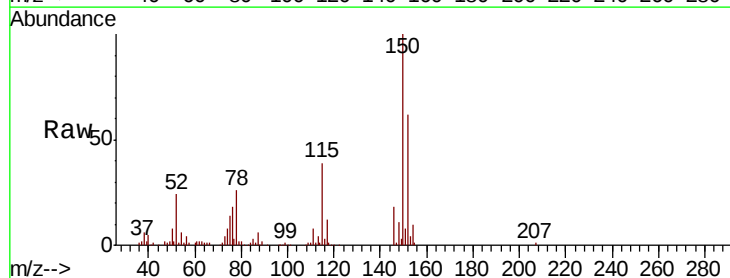


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

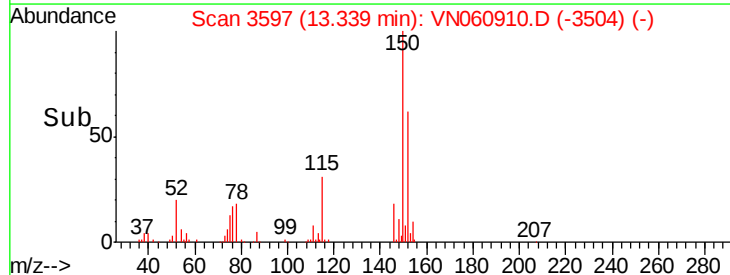
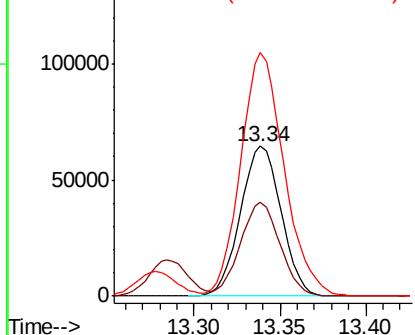


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060910.D
Acq: 13 Apr 2020 19:37

Tgt Ion:152 Resp: 106053
Ion Ratio Lower Upper
152 100
115 61.2 30.2 90.6
150 173.3 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: 48.620 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

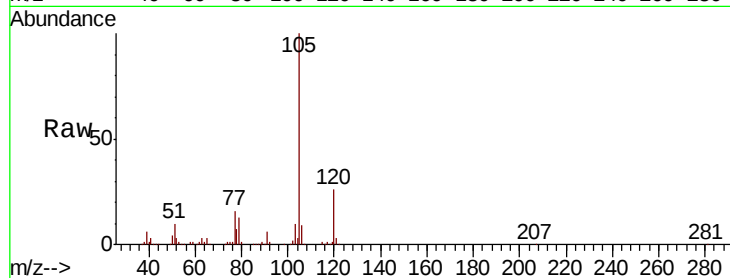
VSTDCCC050

Tot Ion:105 Resp: 386961

Ion Ratio Lower Upper

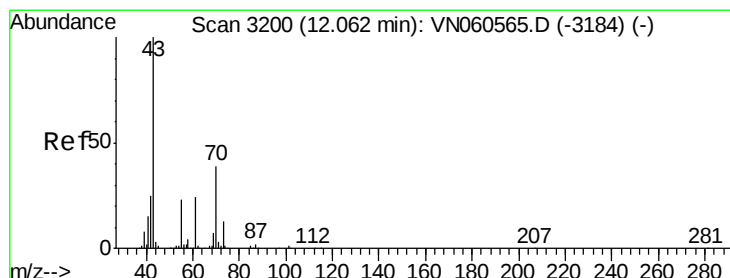
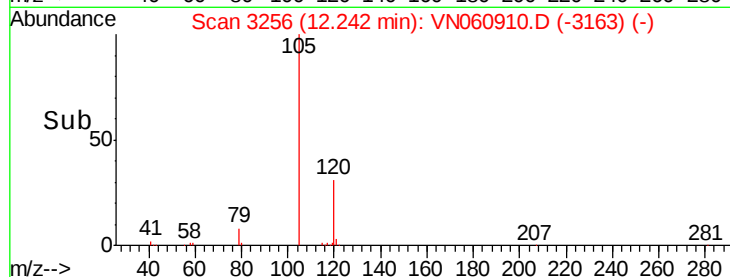
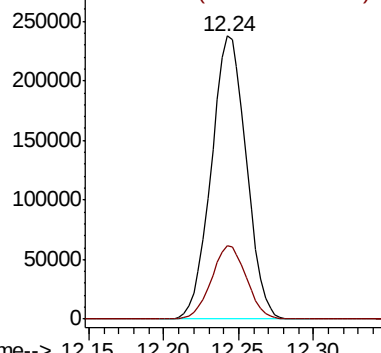
105 100

120 25.8 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.056 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Tgt Ion: 43 Resp: 187768

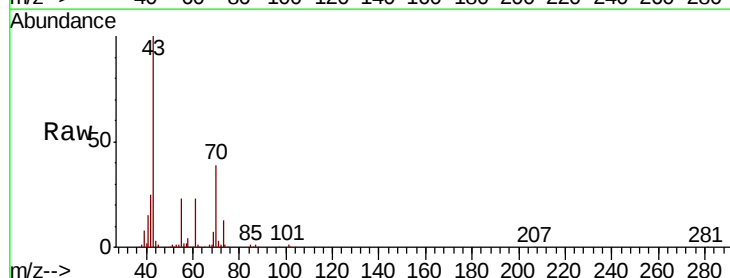
Ion Ratio Lower Upper

43 100

70 39.0 31.1 46.7

55 23.4 18.6 27.8

61 23.2 18.9 28.3

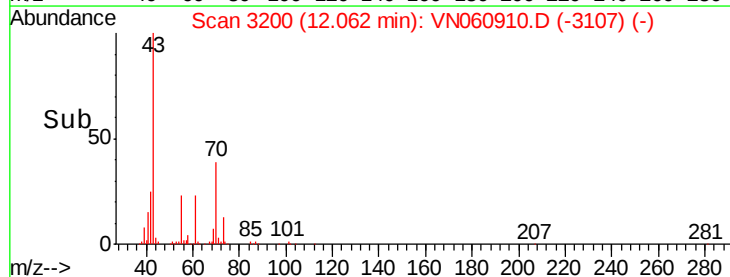
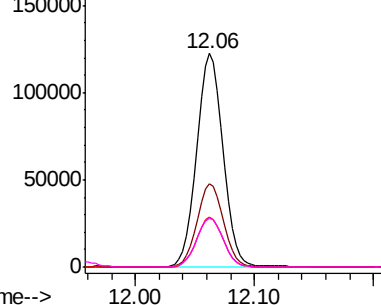


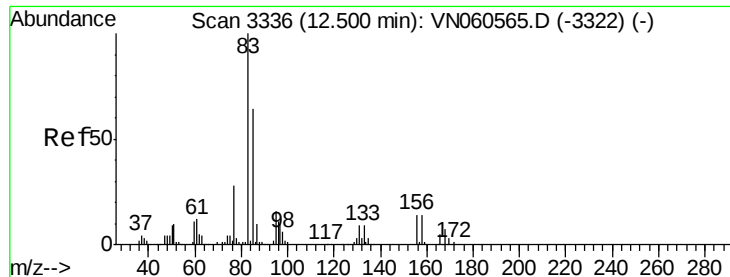
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.223 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

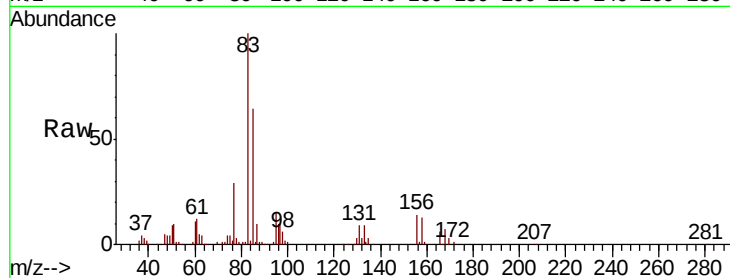
Tot Ion: 83 Resp: 125692

Ion Ratio Lower Upper

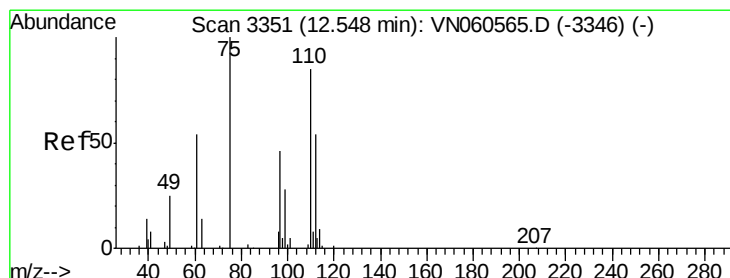
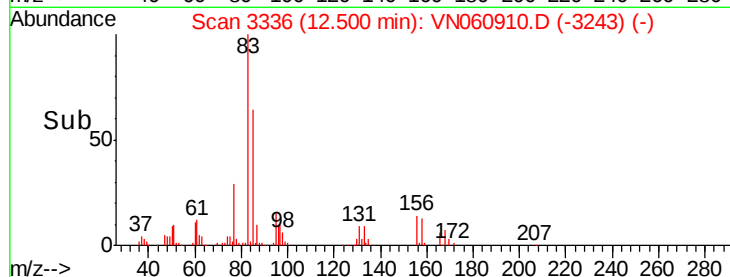
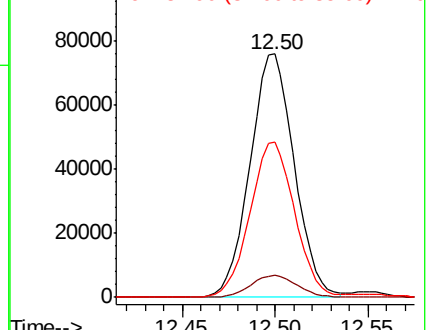
83 100

131 9.4 4.9 14.7

85 64.1 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 73.737 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060910.D

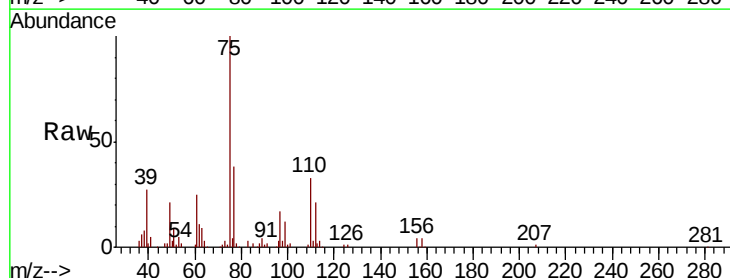
Acq: 13 Apr 2020 19:37

Tgt Ion: 75 Resp: 168740

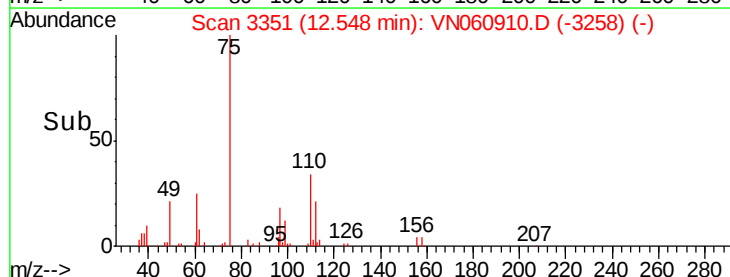
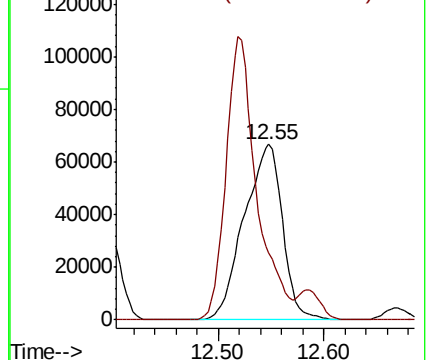
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 49.612 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

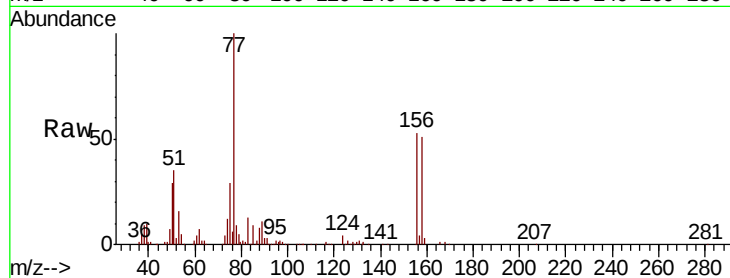
Tot Ion:156 Resp: 95147

Ion Ratio Lower Upper

156 100

77 227.1 112.3 337.0

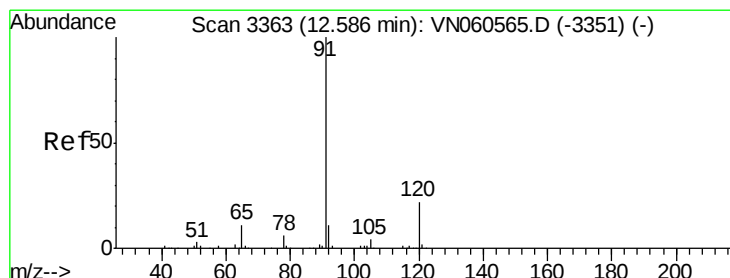
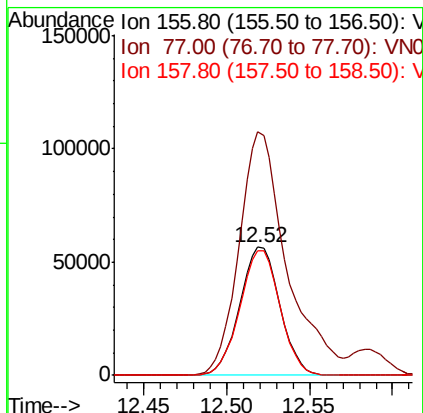
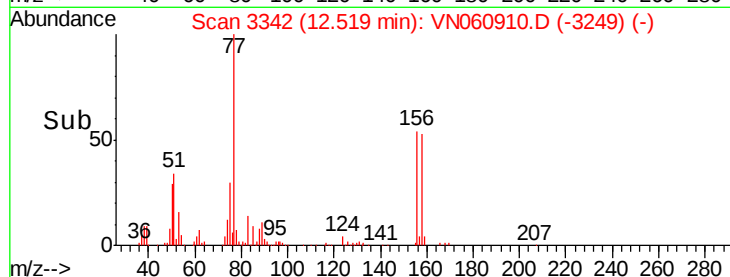
158 97.1 48.6 145.8



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: 48.981 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060910.D

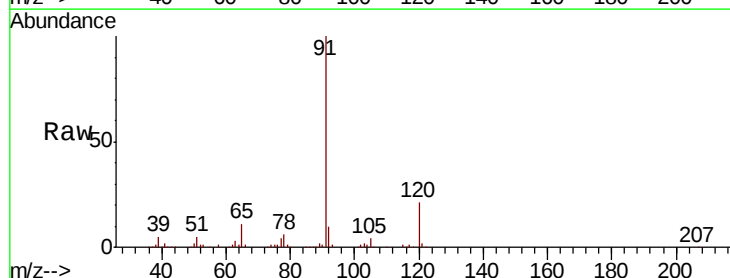
Acq: 13 Apr 2020 19:37

Tgt Ion: 91 Resp: 460562

Ion Ratio Lower Upper

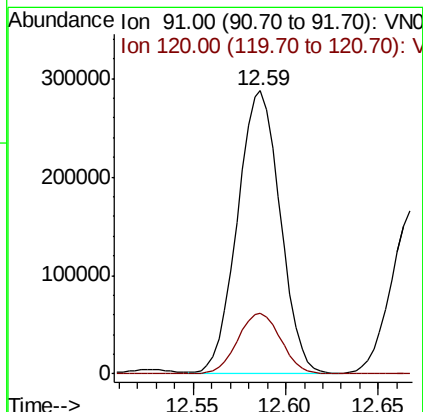
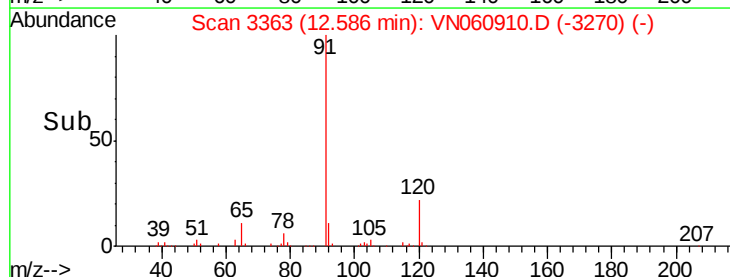
91 100

120 21.7 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: 49.055 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

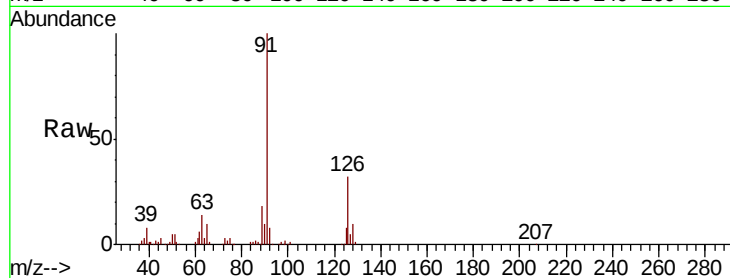
VSTDCCC050

Tot Ion: 91 Resp: 275600

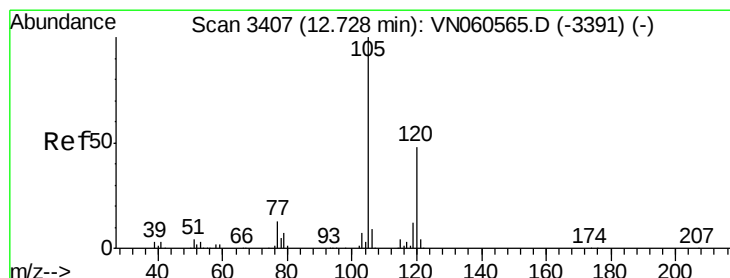
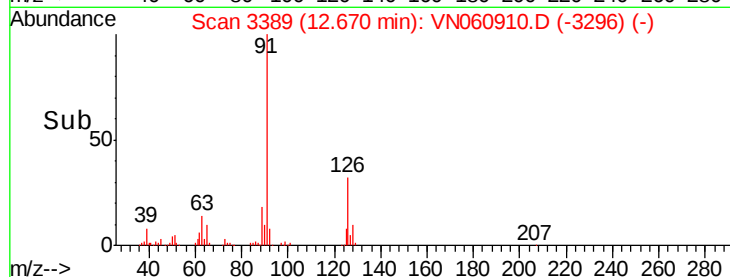
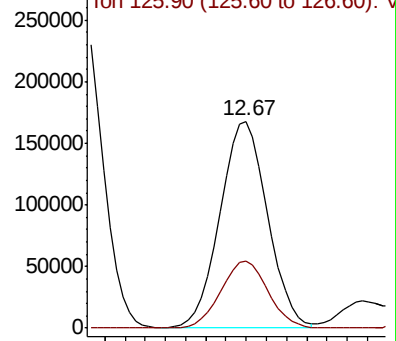
Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060910.D (-3296) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.887 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060910.D

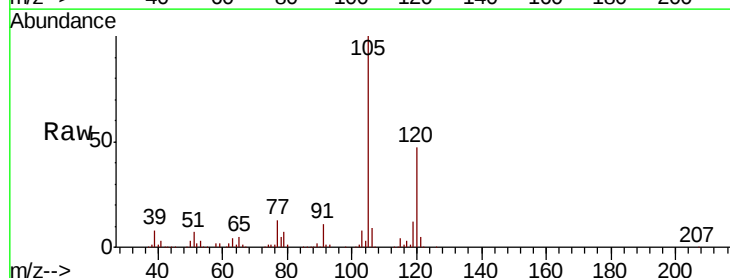
Acq: 13 Apr 2020 19:37

Tgt Ion:105 Resp: 330186

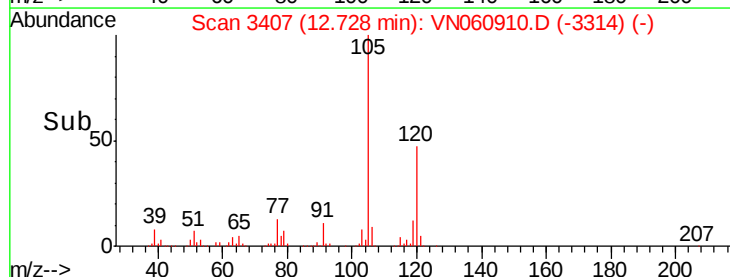
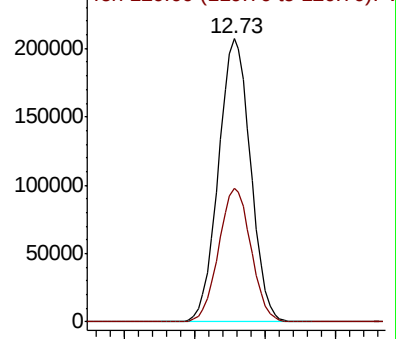
Ion Ratio Lower Upper

105 100

120 47.6 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060910.D (-3314) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.807 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

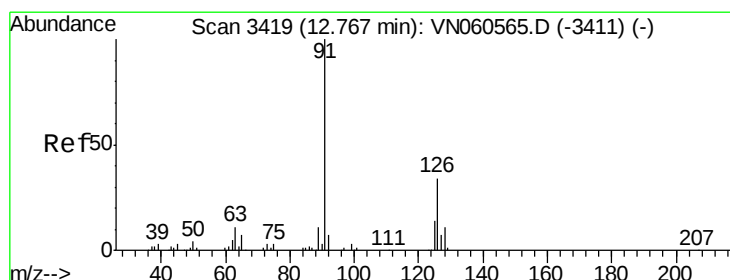
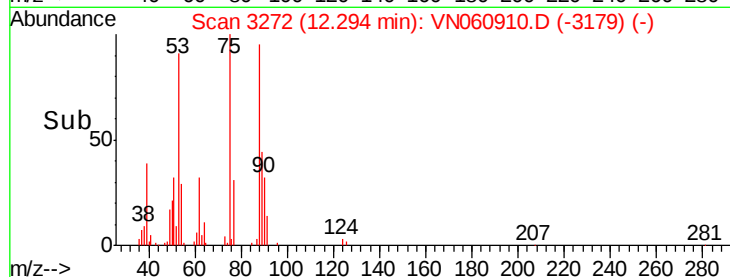
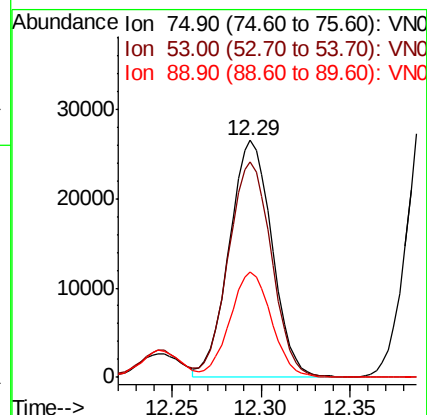
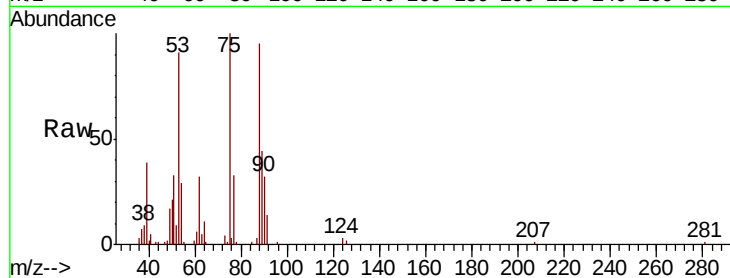
Tot Ion: 75 Resp: 44379

Ion Ratio Lower Upper

75 100

53 91.5 73.0 109.4

89 43.0 34.8 52.2



#82

4-Chlorotoluene

Concen: 50.536 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN060910.D

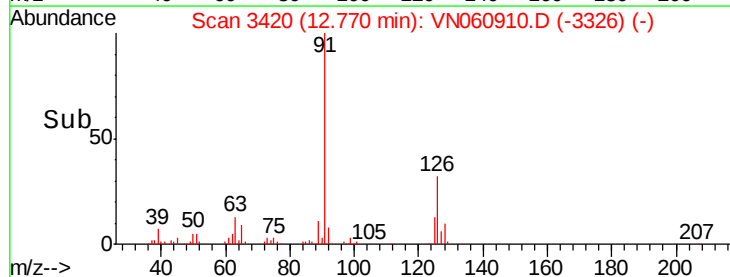
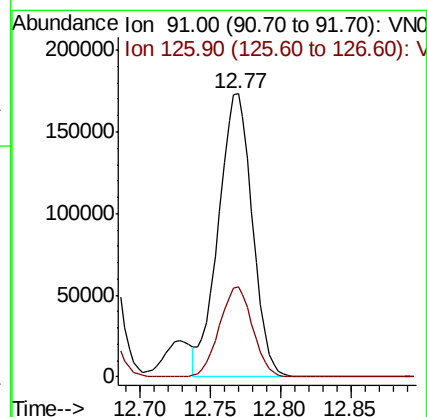
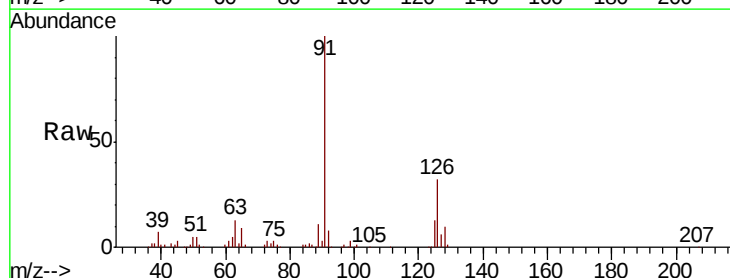
Acq: 13 Apr 2020 19:37

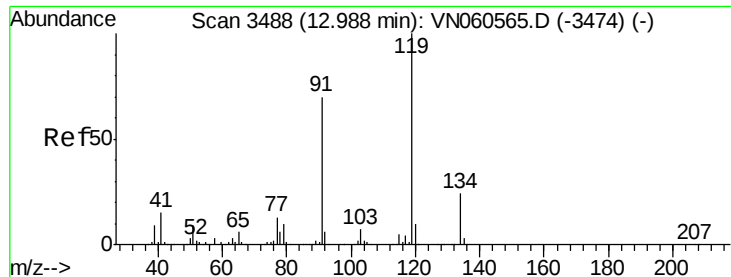
Tgt Ion: 91 Resp: 289174

Ion Ratio Lower Upper

91 100

126 31.2 16.2 48.5

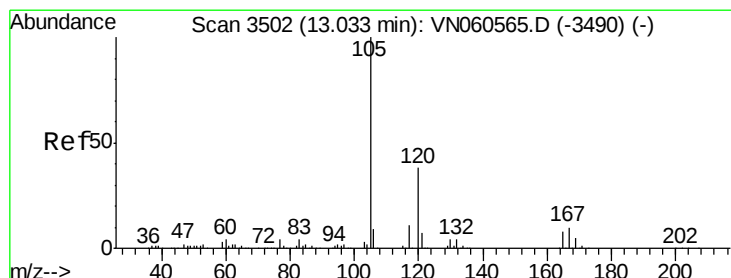
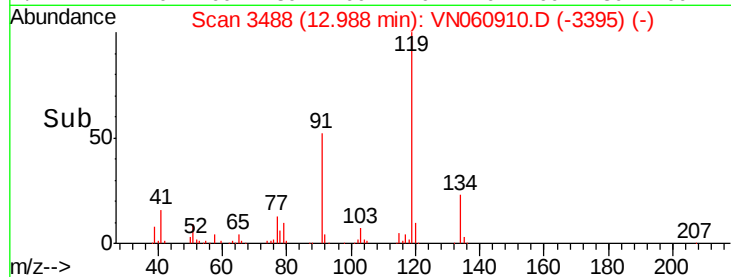
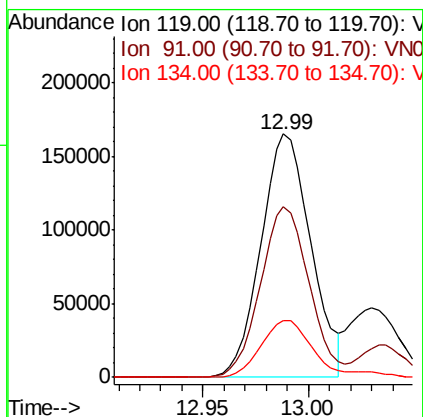
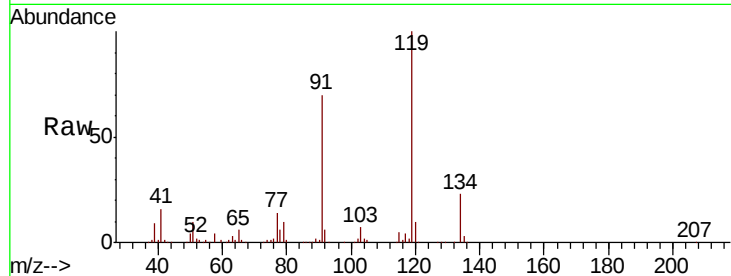




#83
 tert-Butylbenzene
 Concen: 48.720 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060910.D
 Acq: 13 Apr 2020 19:37

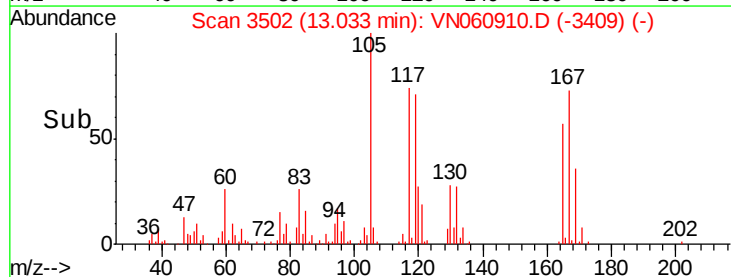
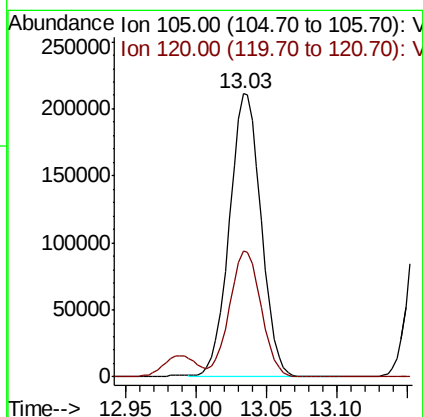
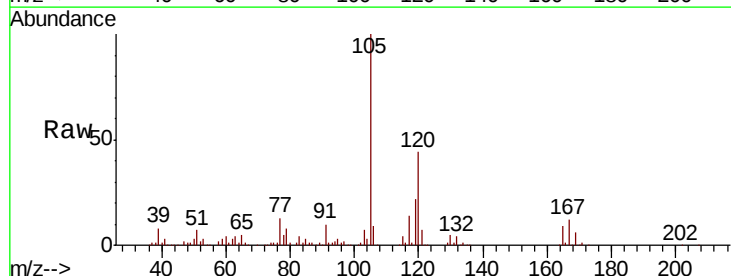
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 272778
 Ion Ratio Lower Upper
 119 100
 91 68.4 34.0 101.8
 134 25.1 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 49.820 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN060910.D
 Acq: 13 Apr 2020 19:37

Tgt Ion:105 Resp: 332892
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.1 66.5





#85

sec-Butylbenzene

Concen: 49.697 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

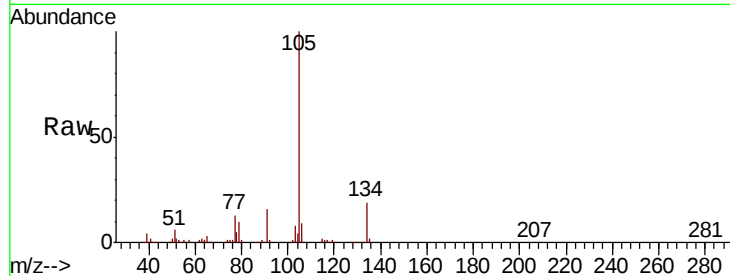
VSTDCCC050

Tot Ion:105 Resp: 374164

Ion Ratio Lower Upper

105 100

134 19.1 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

250000

200000

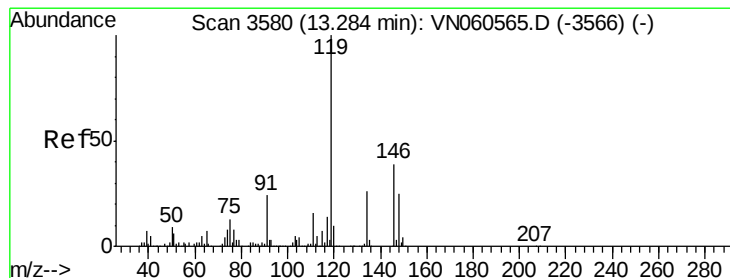
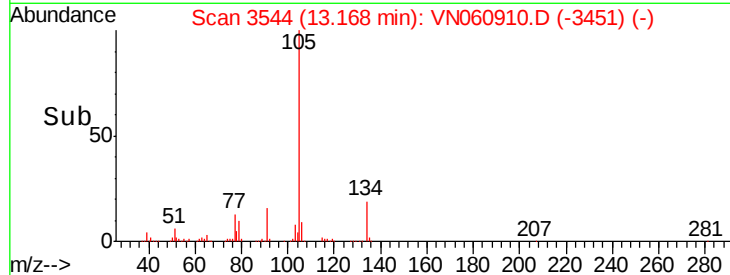
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.773 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060910.D

Acq: 13 Apr 2020 19:37

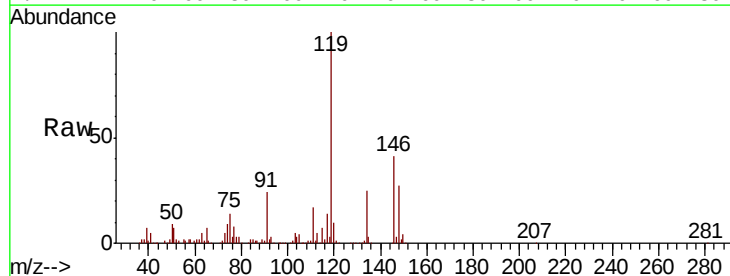
Tgt Ion:119 Resp: 336975

Ion Ratio Lower Upper

119 100

134 25.6 13.0 39.0

91 24.3 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

300000

250000

200000

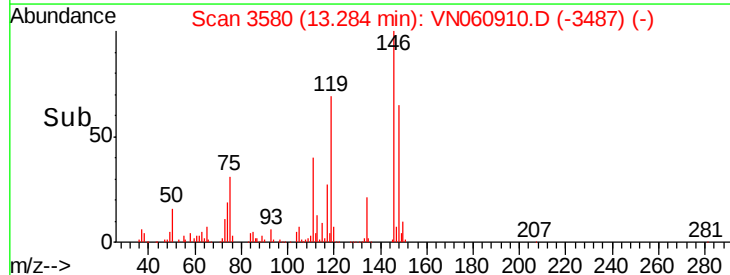
150000

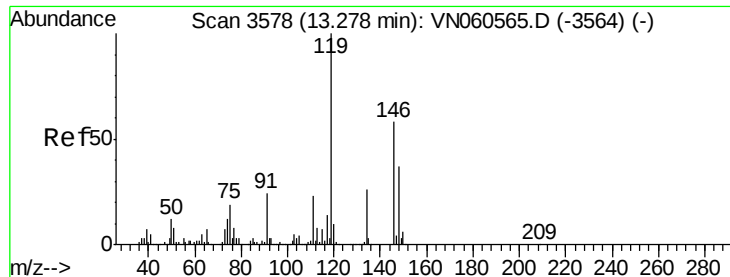
100000

50000

0

Time-->

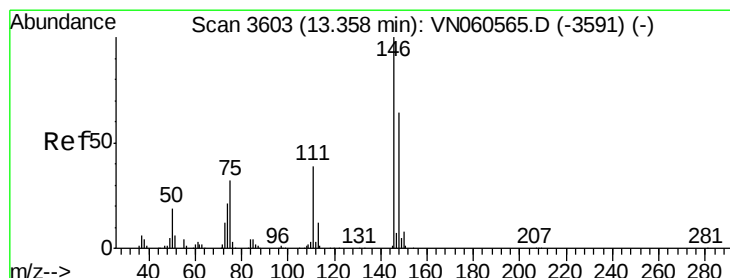
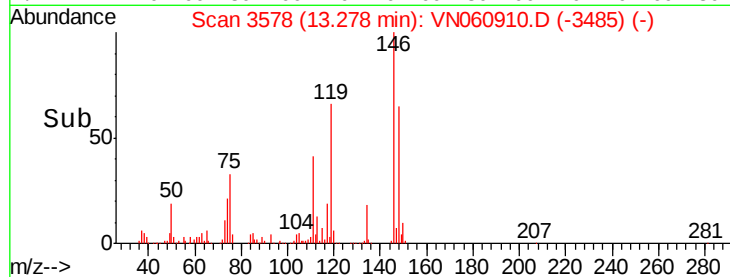
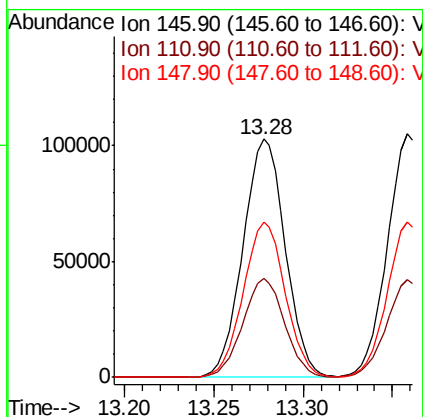
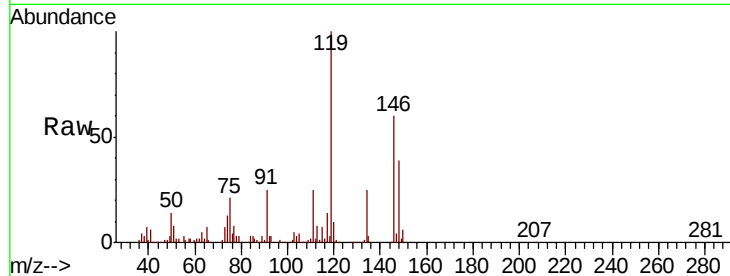




#87
 1,3-Dichlorobenzene
 Concen: 50.284 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060910.D
 Acq: 13 Apr 2020 19:37

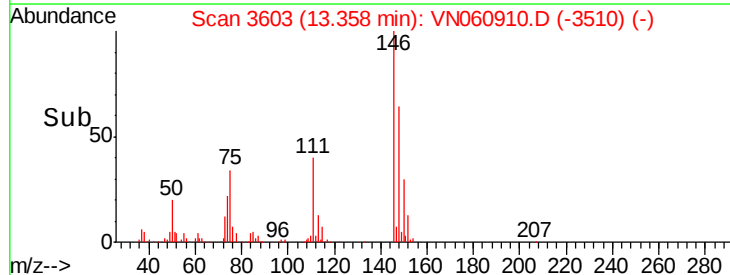
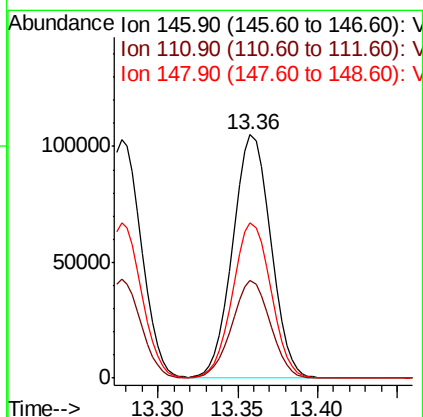
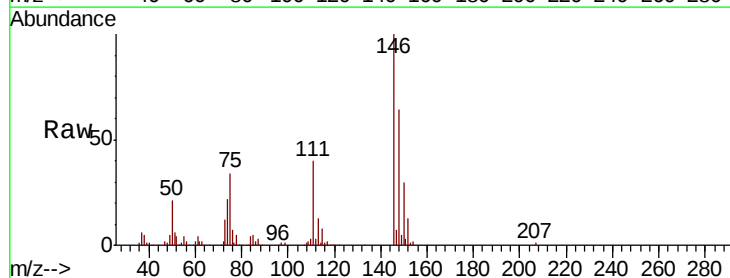
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

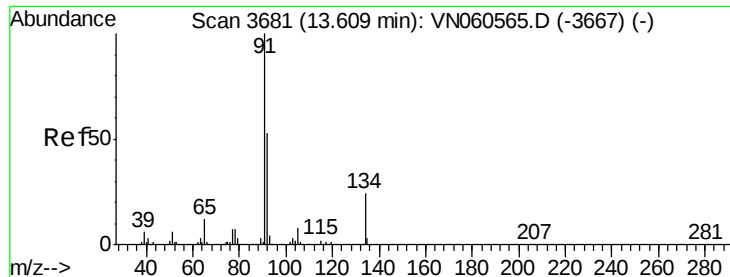
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.3	60.8
148	64.7	32.5	97.4



#88
 1,4-Dichlorobenzene
 Concen: 50.218 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060910.D
 Acq: 13 Apr 2020 19:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.6	58.7
148	64.2	32.1	96.3

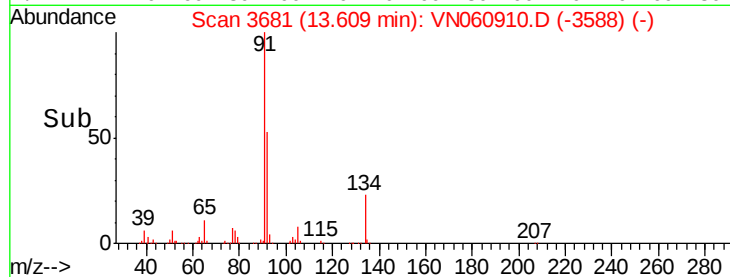
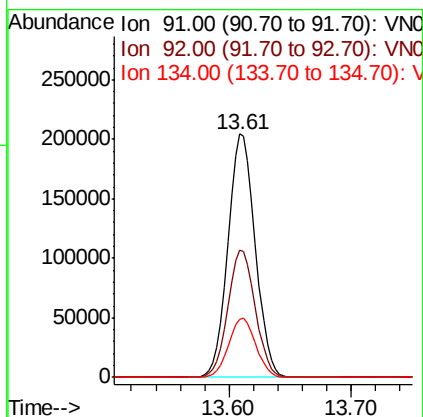
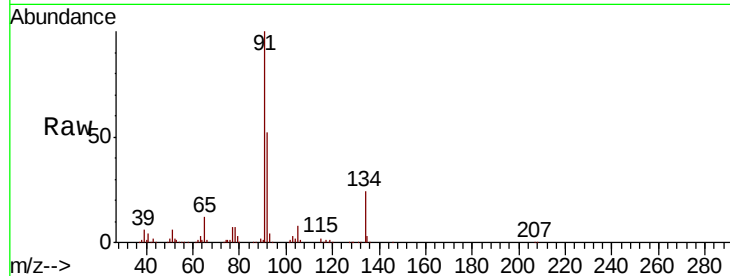




#89
n-Butylbenzene
Concen: 52.197 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060910.D
Acq: 13 Apr 2020 19:37

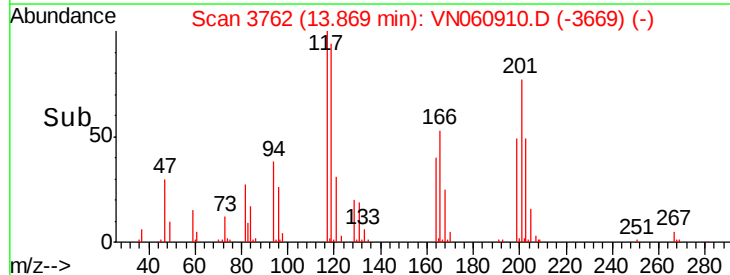
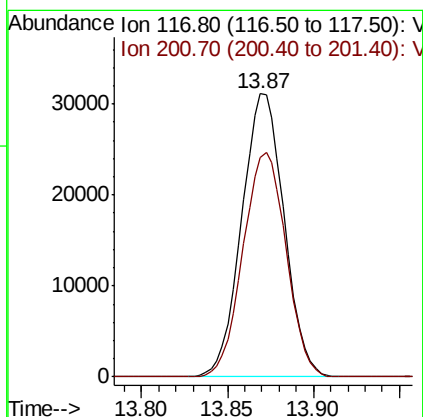
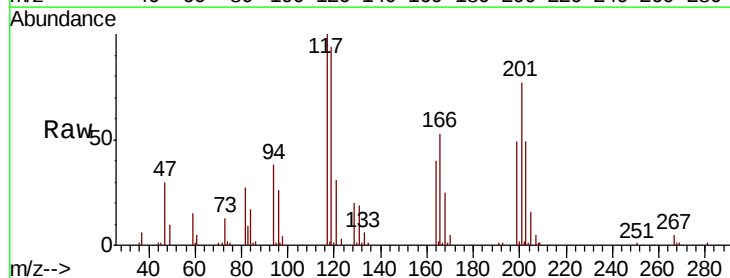
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 319056
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 24.3 12.3 36.9



#90
Hexachloroethane
Concen: 54.171 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060910.D
Acq: 13 Apr 2020 19:37

Tgt Ion: 117 Resp: 53310
Ion Ratio Lower Upper
117 100
201 80.4 40.8 122.5

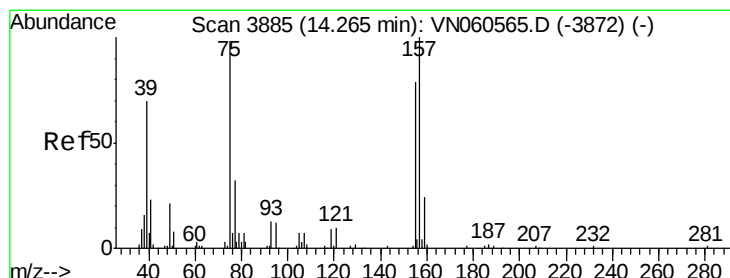
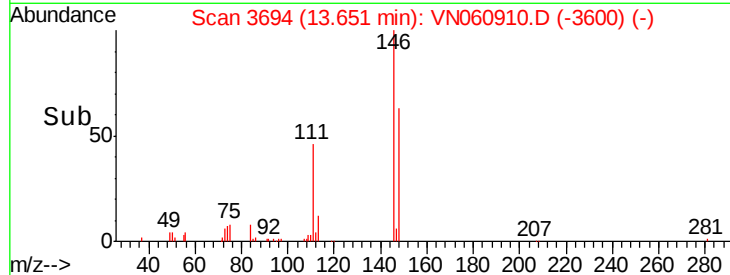
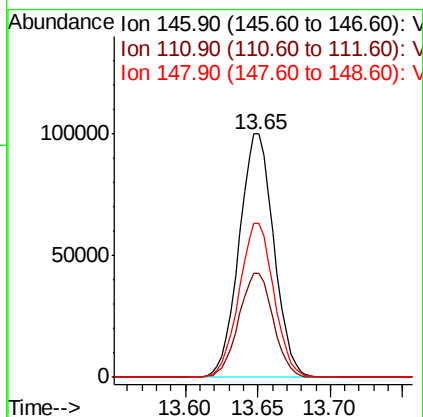
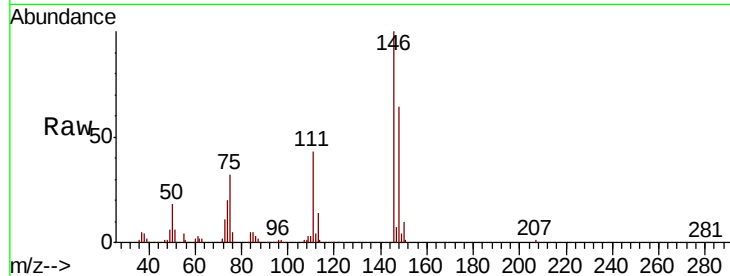




#91
 1,2-Dichlorobenzene
 Concen: 51.429 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060910.D
 Acq: 13 Apr 2020 19:37

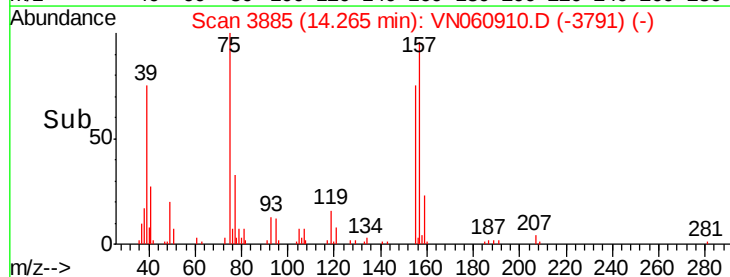
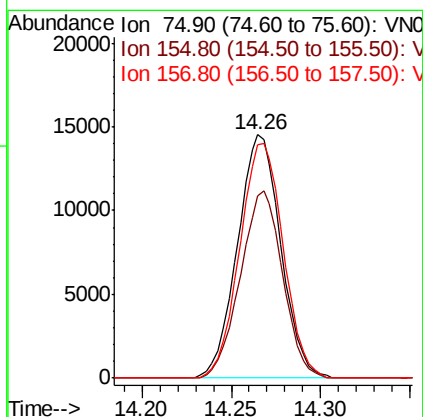
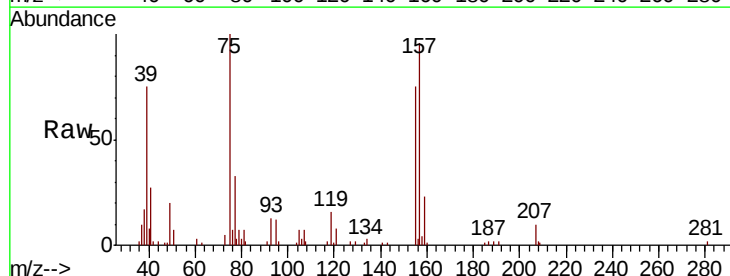
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

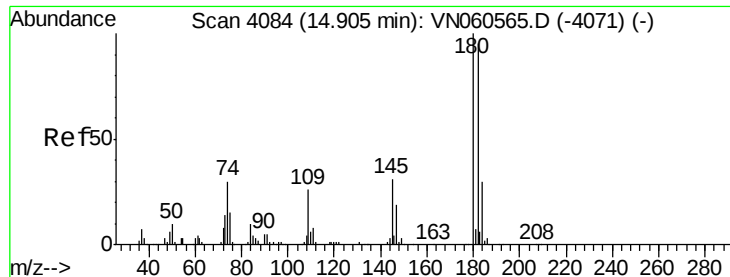
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.0	63.0
148	63.4	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.612 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060910.D
 Acq: 13 Apr 2020 19:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.2	40.7	122.1
157	97.2	51.5	154.7

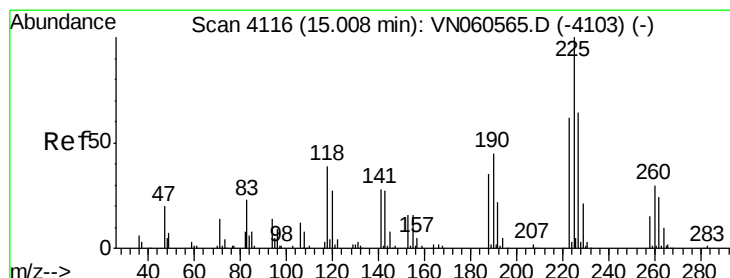
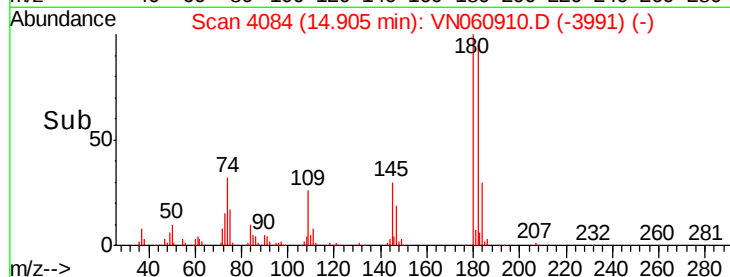
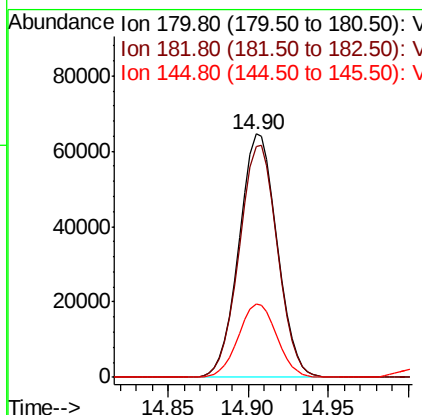
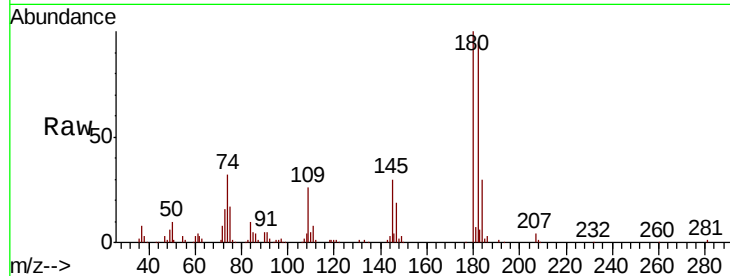




#93
 1,2,4-Trichlorobenzene
 Concen: 52.524 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060910.D
 Acq: 13 Apr 2020 19:37

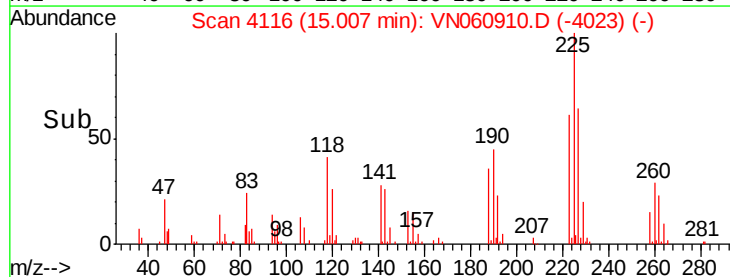
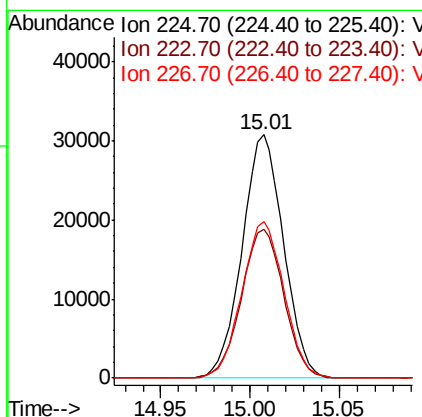
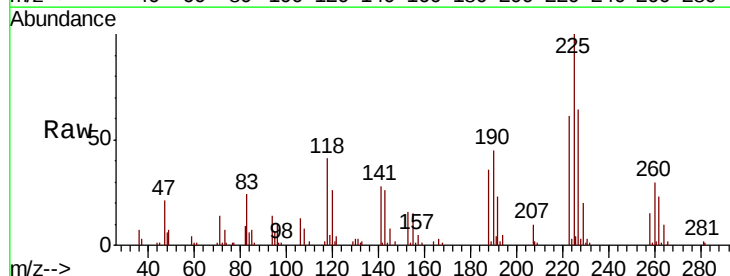
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

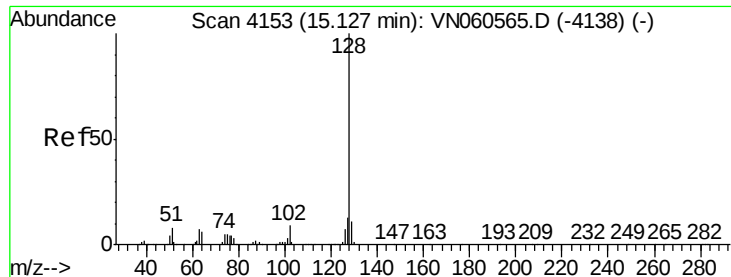
Tot Ion:180 Resp: 104320
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.9 143.8
 145 30.5 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 51.528 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060910.D
 Acq: 13 Apr 2020 19:37

Tgt Ion:225 Resp: 50170
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.6 95.0
 227 65.0 32.3 96.8

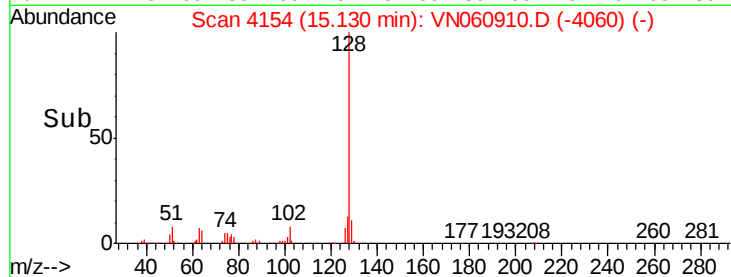
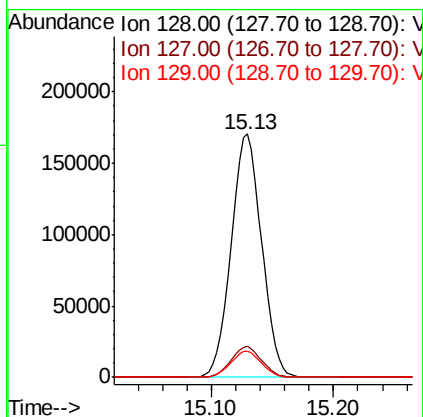
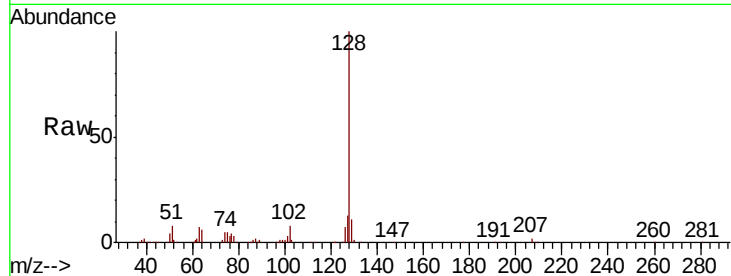




#95
Naphthalene
Concen: 49.457 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060910.D
Acq: 13 Apr 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.8	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.966 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060910.D
Acq: 13 Apr 2020 19:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.5	142.6
145	32.2	16.3	48.8

