

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051520\
 Data File : VN061410.D
 Acq On : 15 May 2020 14:31
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: May 16 00:32:39 2020
 Quant Title :
 QLast Update : Thu May 14 16:04:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	18493	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	110661	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	101247	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	52149	31.49	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.97%
60) 4-Bromofluorobenzene	12.38	95	51630	29.87	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.57%
63) Toluene-d8	10.06	98	141699	30.23	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.77%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	15646	18.58	ug/l	99
3) Chloromethane	2.03	50	31784	20.65	ug/l	99
4) Vinyl Chloride	2.16	62	44466	21.55	ug/l	99
5) Bromomethane	2.54	94	22626	21.58	ug/l	97
6) Chloroethane	2.67	64	30242	21.66	ug/l	97
7) Trichlorofluoromethane	2.98	101	48008	21.74	ug/l	97
8) Diethyl Ether	3.37	74	13913	19.81	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	19009	20.15	ug/l	68
10) 1,1-Dichloroethene	3.69	96	19485	19.62	ug/l	97
11) Methyl Iodide	3.91	142	21619	20.11	ug/l	98
12) Methyl Acetate	4.28	43	24883	20.63	ug/l	99
13) Acrolein	3.56	56	18464	90.90	ug/l	99
14) Acrylonitrile	4.93	53	56460	99.70	ug/l	97
15) Acetone	3.78	58	14226	104.62	ug/l	95
16) Carbon Disulfide	4.01	76	52469	18.79	ug/l	99
17) Allyl chloride	4.27	41	38841	19.43	ug/l	99
18) Methylene Chloride	4.50	84	23547	19.64	ug/l	96
19) trans-1,2-Dichloroethene	4.98	96	22714	19.21	ug/l	92
20) Diisopropyl ether	5.90	45	87928	18.89	ug/l	93
21) 1,1-Dichloroethane	5.79	63	47775	19.66	ug/l	100
22) cis-1,2-Dichloroethene	6.78	96	26792	19.33	ug/l	96
23) tert-Butyl Alcohol	4.73	59	22376	123.27	ug/l #	100
24) Methyl tert-Butyl Ether	4.99	73	76755	19.04	ug/l	95
25) Chloroform	7.33	83	45797	19.44	ug/l	98
26) Cyclohexane	7.61	56	45289	19.51	ug/l #	96
29) 1,1-Dichloropropene	7.75	75	37366	19.24	ug/l	98
30) 2-Butanone	6.78	43	82734	100.72	ug/l	98
31) 2,2-Dichloropropane	6.77	77	44102	19.44	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	41106	18.92	ug/l	99
33) Carbon Tetrachloride	7.73	117	31144	18.67	ug/l	99
34) Benzene	8.00	78	105919	19.28	ug/l	98
35) Methacrylonitrile	7.12	41	15669	19.02	ug/l	82
36) 1,2-Dichloroethane	8.08	62	40822	19.36	ug/l	100
37) Trichloroethene	8.80	130	26433	19.54	ug/l	99
38) Methylcyclohexane	9.04	83	44795	19.22	ug/l	96
39) 1,2-Dichloropropane	9.08	63	30028	19.88	ug/l	99
40) Dibromomethane	9.17	93	17944	19.24	ug/l	92
41) Bromodichloromethane	9.37	83	38783	19.16	ug/l	99

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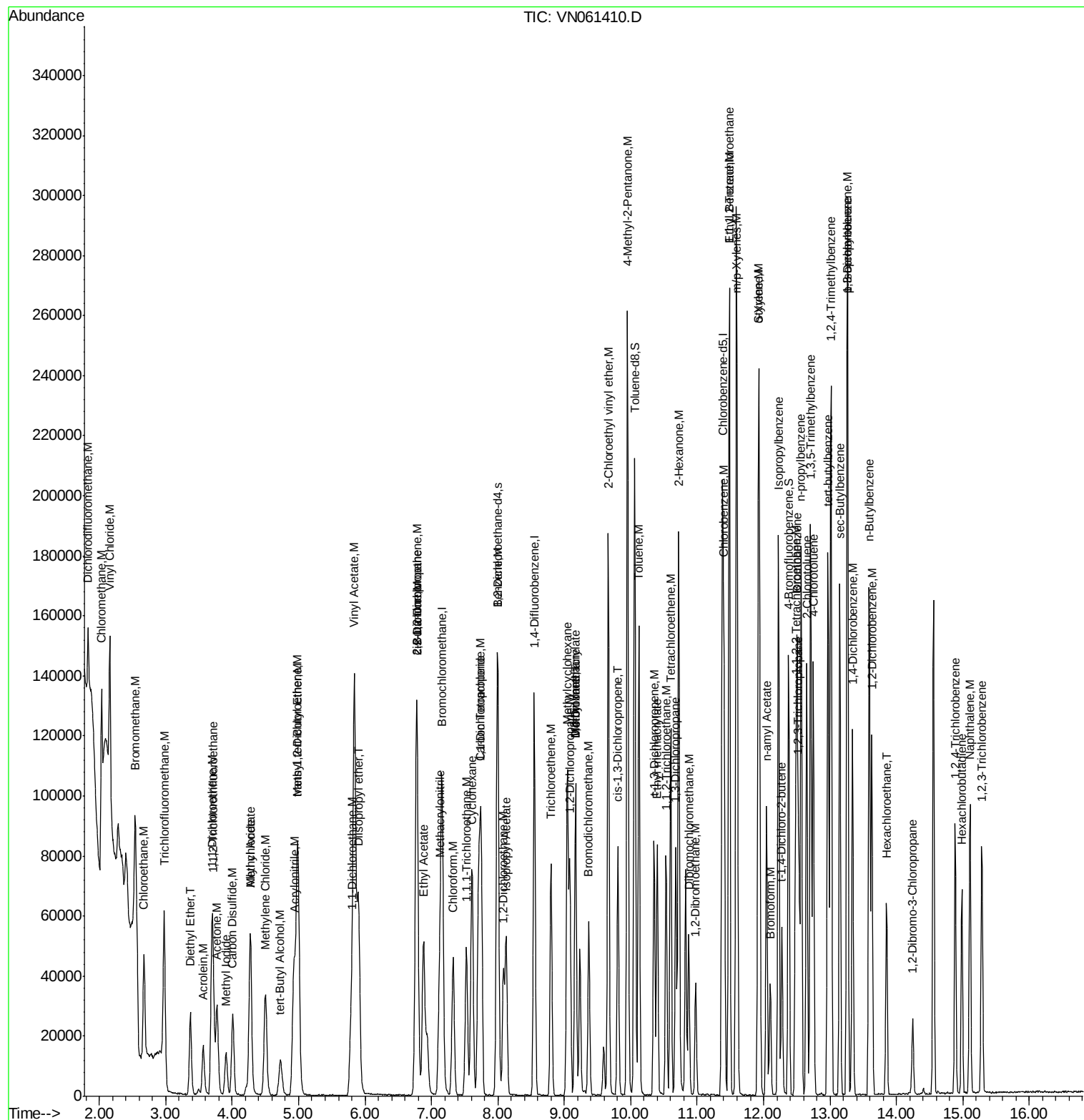
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	5.84	43	365152	93.61	ug/l	100
43) Ethyl Acetate	6.88	43	36487	20.79	ug/l	97
44) Isopropyl Acetate	8.12	43	63555	18.66	ug/l	98
45) 1,4-Dioxane	9.17	88	8451	628.60	ug/l	96
46) Methyl methacrylate	9.17	41	29417	18.36	ug/l	98
47) n-amyl Acetate	12.04	43	54560	17.96	ug/l	97
48) t-1,3-Dichloropropene	10.35	75	44691	18.71	ug/l	95
49) cis-1,3-Dichloropropene	9.81	75	47509	18.81	ug/l	97
50) 1,1,2-Trichloroethane	10.53	97	24650	19.11	ug/l	98
51) Ethyl methacrylate	10.40	69	41153	18.52	ug/l	93
52) 1,3-Dichloropropane	10.68	76	45325	19.24	ug/l	97
53) Dibromochloromethane	10.87	129	25879	18.31	ug/l	100
54) 1,2-Dibromoethane	10.98	107	25004	18.79	ug/l	100
55) 2-Chloroethyl vinyl ether	9.66	63	84017	85.43	ug/l	99
56) Bromoform	12.10	173	15211	17.11	ug/l #	97
58) 4-Methyl-2-Pentanone	9.95	43	176689	95.77	ug/l	99
59) 2-Hexanone	10.72	43	127246	97.50	ug/l	100
61) Tetrachloroethene	10.60	164	24541	19.38	ug/l	97
62) Toluene	10.12	91	112843	19.22	ug/l	98
64) Chlorobenzene	11.41	112	66982	19.28	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	23780	18.73	ug/l	98
66) Ethyl Benzene	11.48	91	128477	19.07	ug/l	99
67) m/p-Xylenes	11.60	106	94415	37.95	ug/l	100
68) o-Xylene	11.92	106	45802	19.29	ug/l	99
69) Styrene	11.94	104	75544	18.49	ug/l	98
70) Isopropylbenzene	12.22	105	121676	18.91	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.48	83	33684	18.95	ug/l	97
72) 1,2,3-Trichloropropane	12.53	75	32011m	18.88	ug/l	
73) Bromobenzene	12.50	156	24730	18.51	ug/l	89
74) n-propylbenzene	12.57	91	144488	18.89	ug/l	99
75) 2-Chlorotoluene	12.65	91	83365	19.00	ug/l	97
76) 1,3,5-Trimethylbenzene	12.71	105	101509	18.80	ug/l	99
77) t-1,4-Dichloro-2-butene	12.27	75	12662	17.95	ug/l	96
78) 4-Chlorotoluene	12.75	91	86039	18.73	ug/l	99
79) tert-butylbenzene	12.97	119	84803	18.91	ug/l	96
80) 1,2,4-Trimethylbenzene	13.01	105	102000	18.93	ug/l	99
81) sec-Butylbenzene	13.15	105	118095	19.11	ug/l	100
82) p-Isopropyltoluene	13.26	119	102983	18.51	ug/l	98
83) 1,3-Dichlorobenzene	13.26	146	45243	18.22	ug/l	97
84) 1,4-Dichlorobenzene	13.34	146	45178	18.38	ug/l	97
85) n-Butylbenzene	13.59	91	97344	18.90	ug/l	98
86) Hexachloroethane	13.85	117	13951	17.99	ug/l	83
87) 1,2-Dichlorobenzene	13.63	146	43586	18.50	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	14.25	75	7561	19.96	ug/l	87
89) 1,2,4-Trichlorobenzene	14.89	180	24872	18.38	ug/l	99
90) Hexachlorobutadiene	14.99	225	10880	19.73	ug/l	96
91) Naphthalene	15.11	128	76961	18.08	ug/l	99
92) 1,2,3-Trichlorobenzene	15.29	180	24085	18.32	ug/l	97

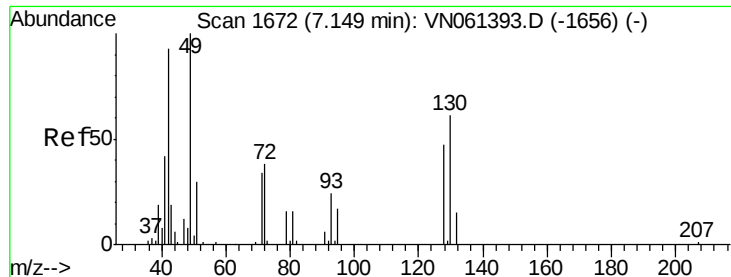
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

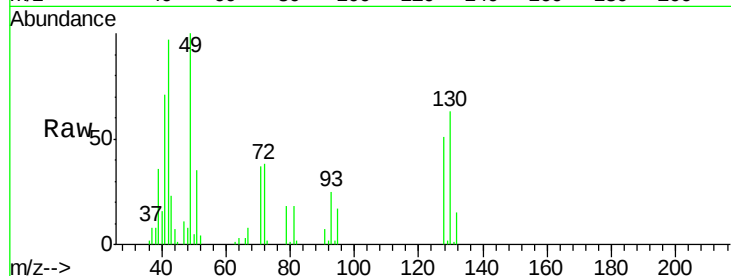
Tgt Ion:128 Resp: 18493

Ion Ratio Lower Upper

128 100

49 210.5 0.0 453.5

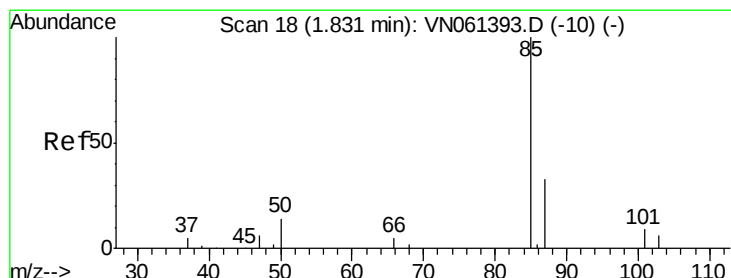
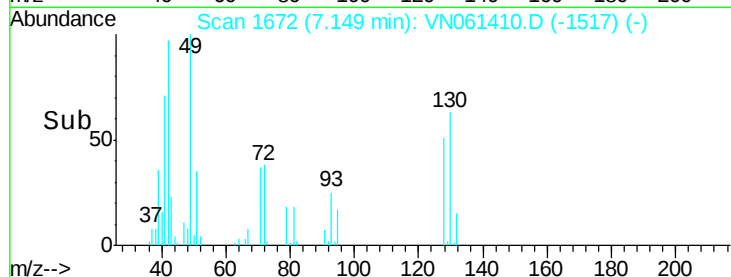
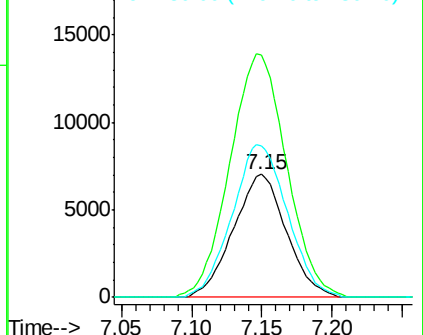
130 129.2 0.0 314.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.58 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN061410.D

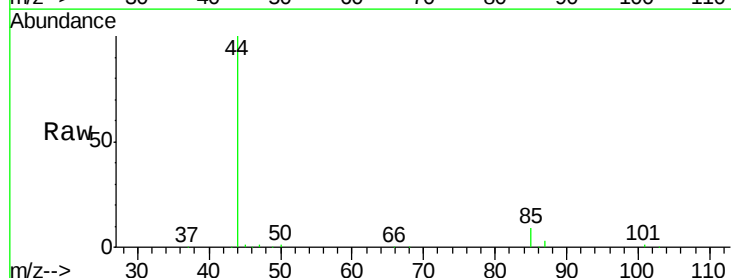
Acq: 15 May 2020 14:31

Tgt Ion: 85 Resp: 15646

Ion Ratio Lower Upper

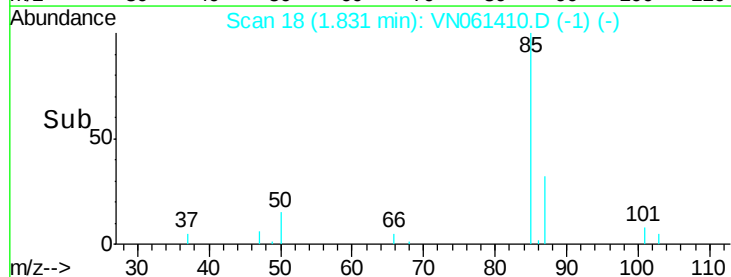
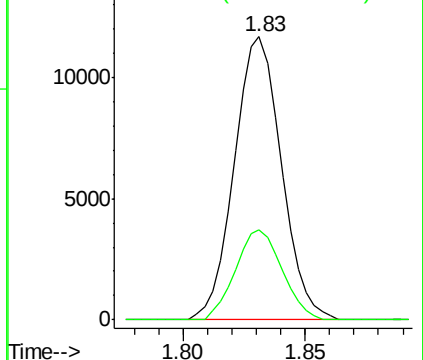
85 100

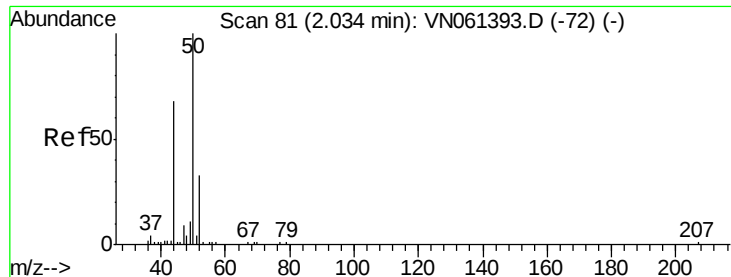
87 31.9 15.7 47.0



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 20.65 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

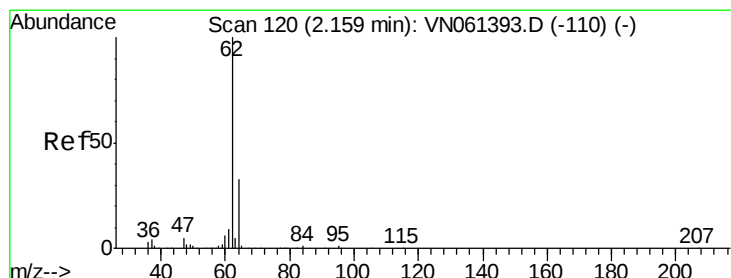
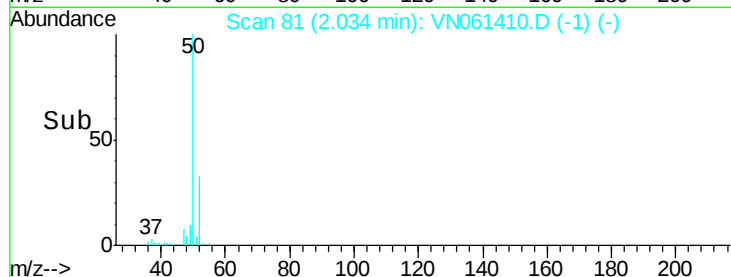
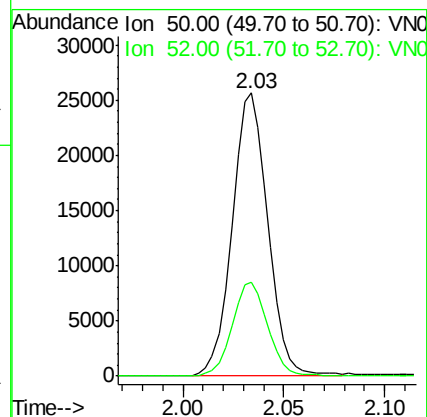
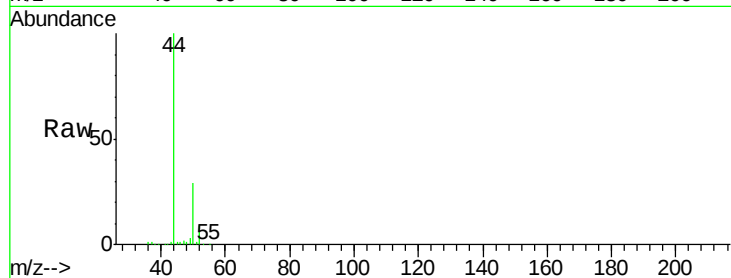
VSTDCCC020

Tgt Ion: 50 Resp: 31784

Ion Ratio Lower Upper

50 100

52 33.0 25.8 38.8



#4

Vinyl Chloride

Concen: 21.55 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061410.D

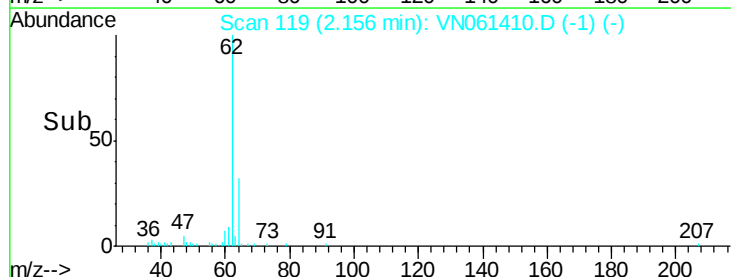
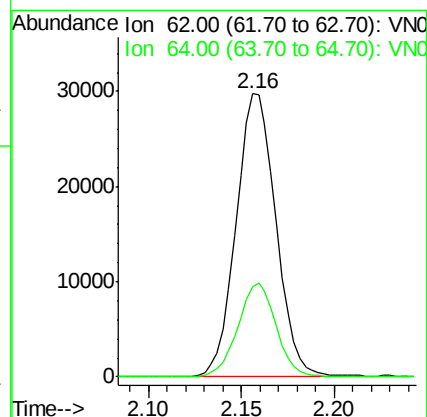
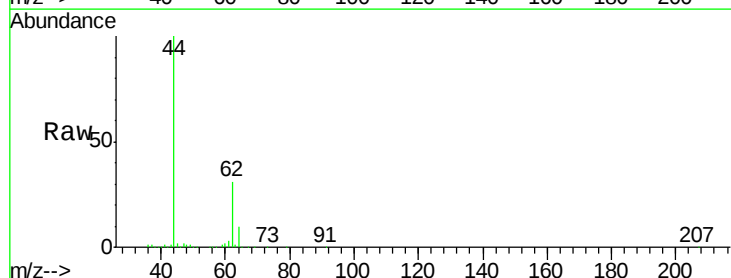
Acq: 15 May 2020 14:31

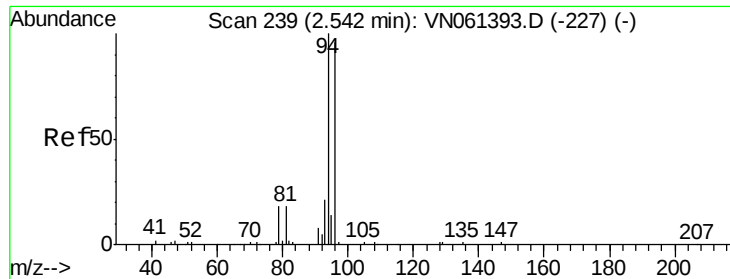
Tgt Ion: 62 Resp: 44466

Ion Ratio Lower Upper

62 100

64 31.9 26.1 39.1

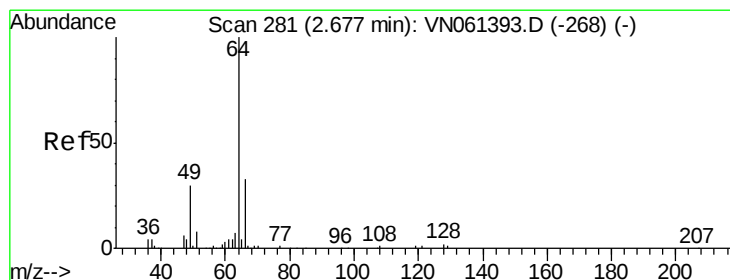
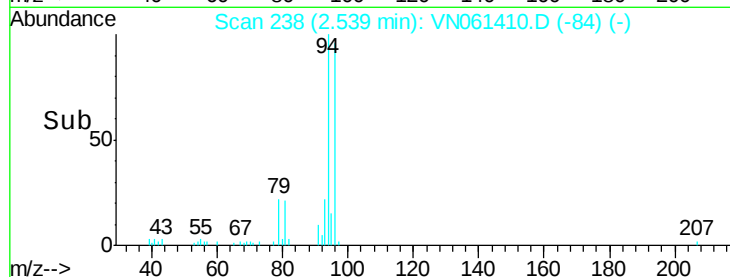
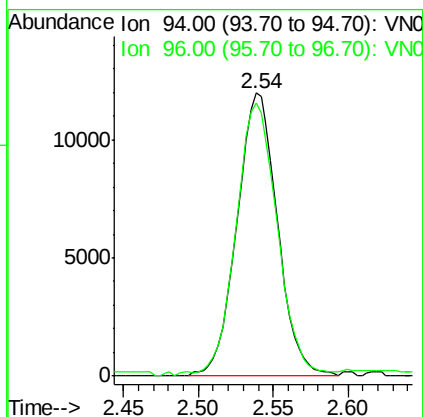
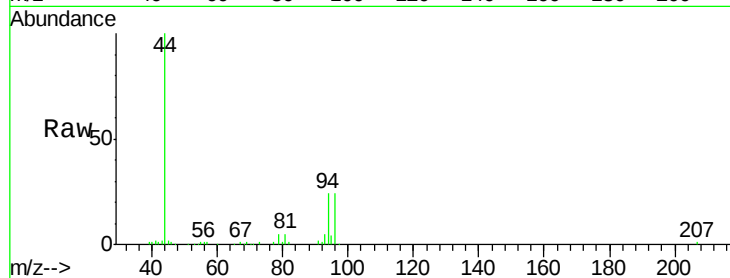




#5
 Bromomethane
 Concen: 21.58 ug/l
 RT: 2.54 min Scan# 238
 Delta R.T. -0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

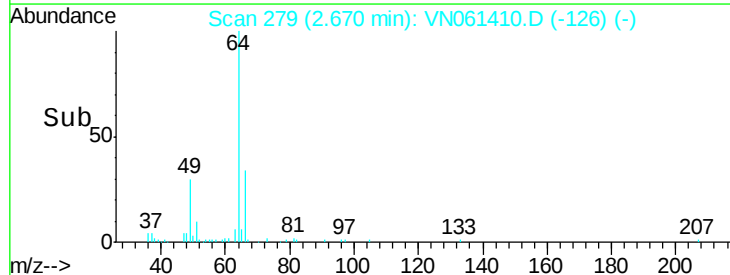
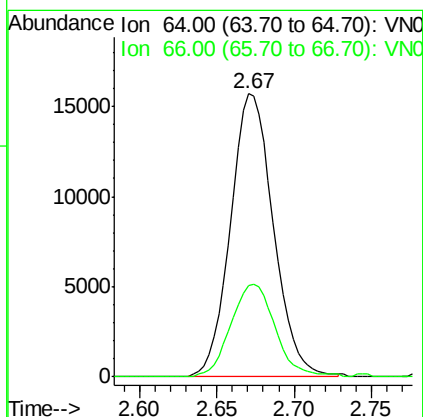
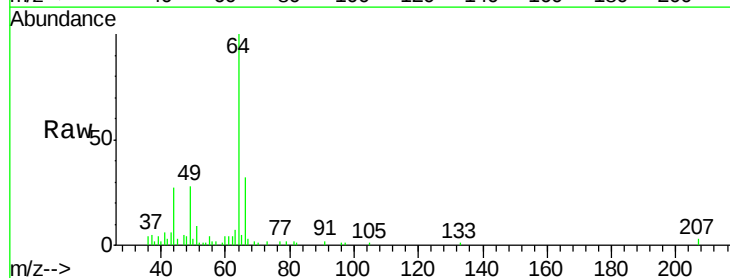
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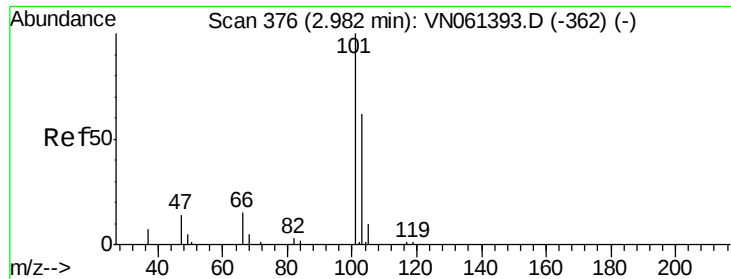
Tgt Ion: 94 Resp: 22626
 Ion Ratio Lower Upper
 94 100
 96 94.8 73.7 110.5



#6
 Chloroethane
 Concen: 21.66 ug/l
 RT: 2.67 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

Tgt Ion: 64 Resp: 30242
 Ion Ratio Lower Upper
 64 100
 66 32.1 24.6 36.8



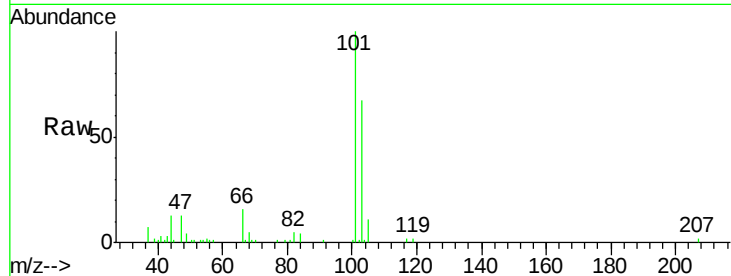


#7

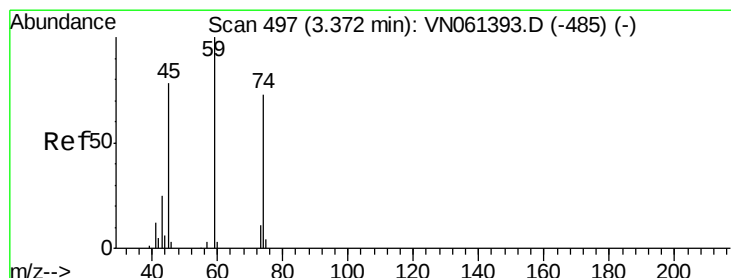
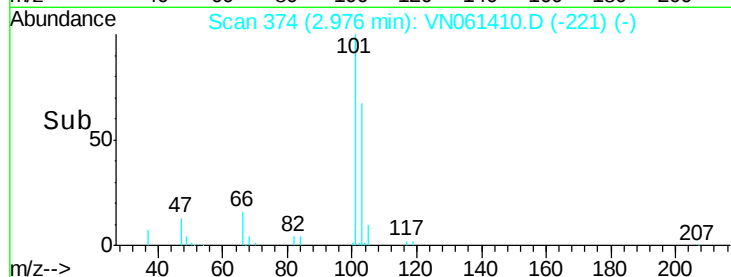
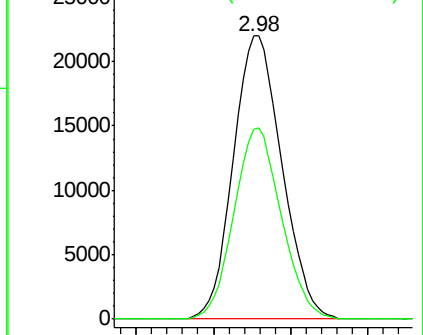
Trichlorofluoromethane
 Concen: 21.74 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.01 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

Instrument :
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Tgt Ion:101 Resp: 48008
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.5 77.3



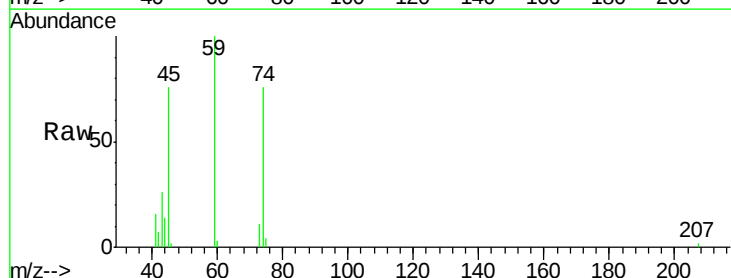
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



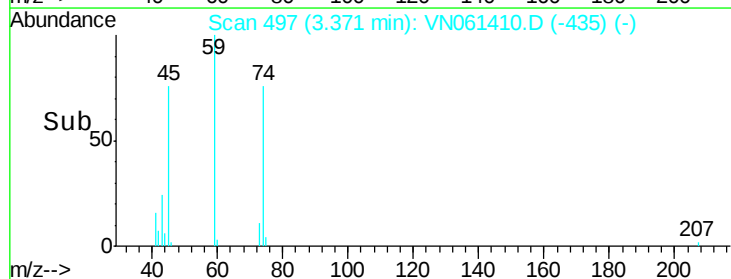
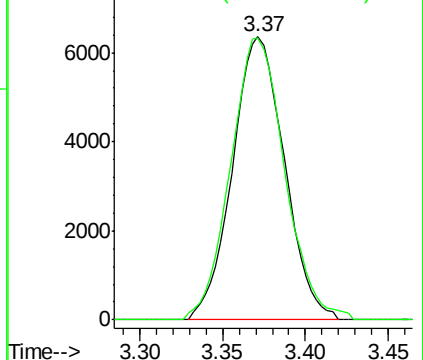
#8

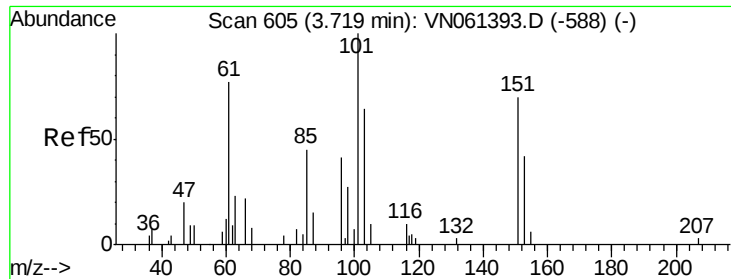
Diethyl Ether
 Concen: 19.81 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

Tgt Ion: 74 Resp: 13913
 Ion Ratio Lower Upper
 74 100
 45 103.7 20.6 185.8



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.15 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA_N

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VSTDCCC020

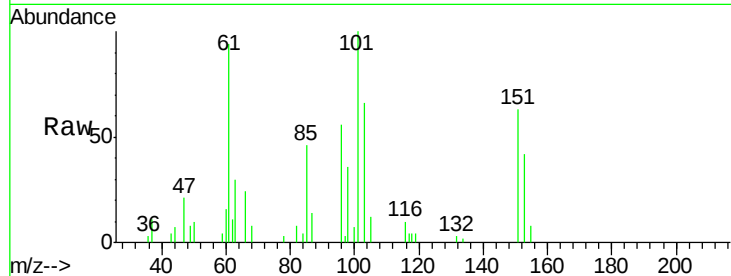
Tgt Ion: 101 Resp: 19009

Ion Ratio Lower Upper

101 100

85 48.7 0.0 93.8

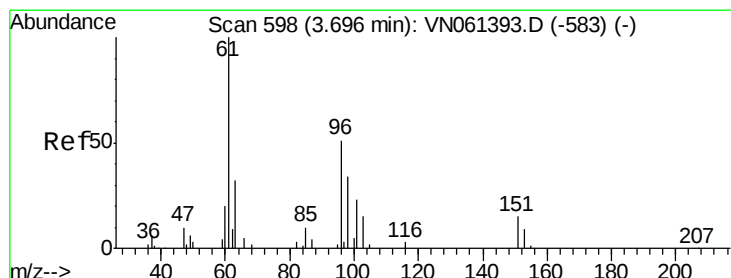
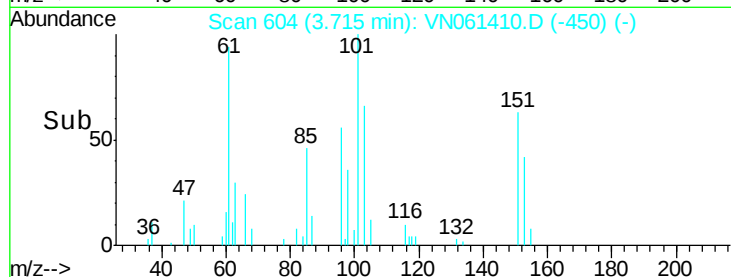
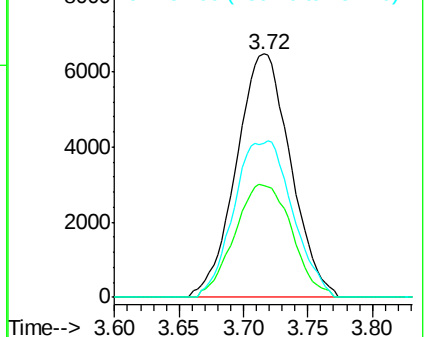
151 32.2 0.0 149.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.62 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

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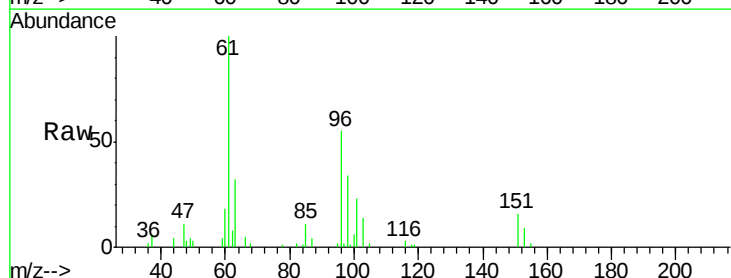
Tgt Ion: 96 Resp: 19485

Ion Ratio Lower Upper

96 100

61 180.9 148.5 222.7

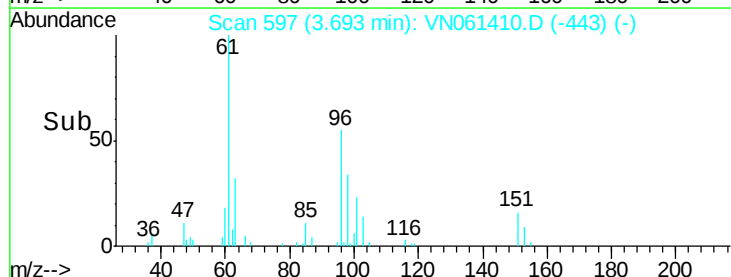
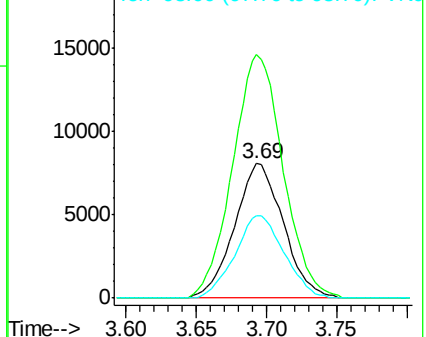
98 61.6 51.0 76.6

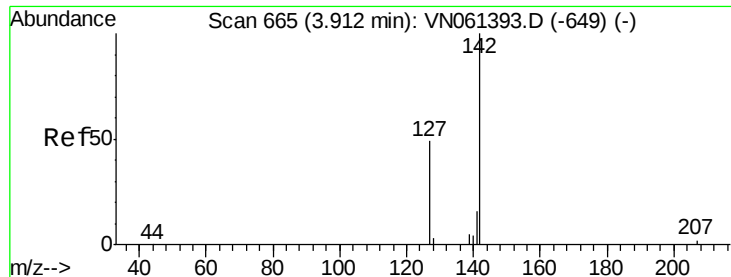


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

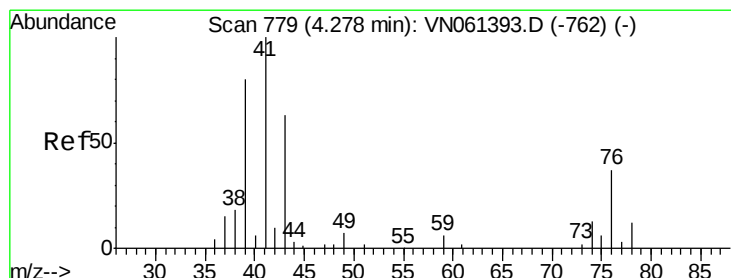
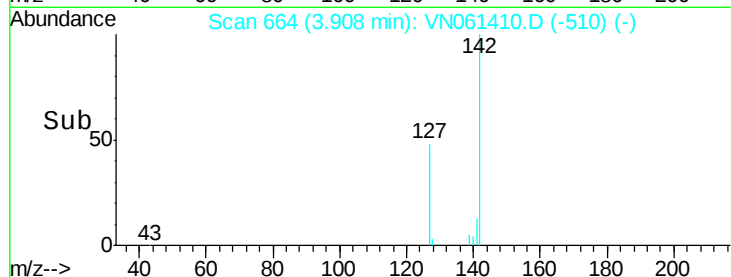
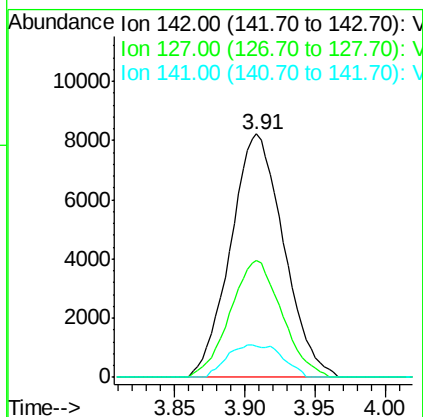
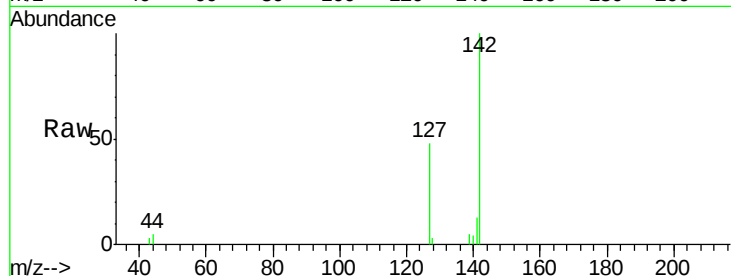




#11
Methyl Iodide
Concen: 20.11 ug/l
RT: 3.91 min Scan# 664
Delta R.T. -0.00 min
Lab File: VN061410.D
Acq: 15 May 2020 14:31

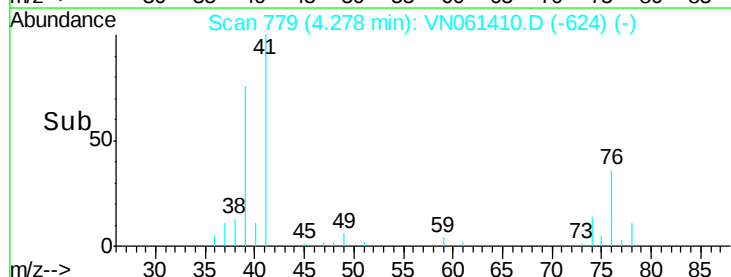
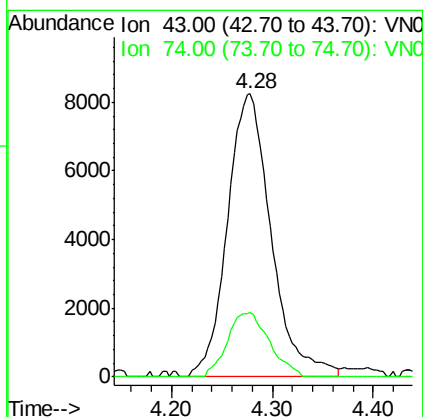
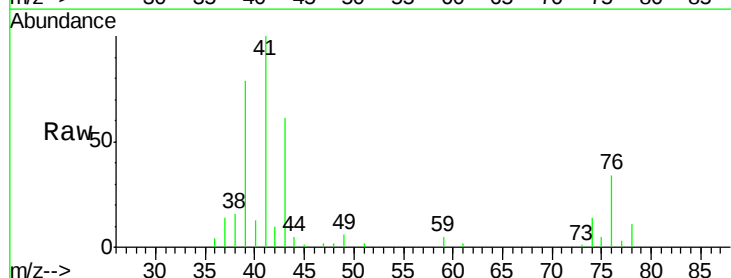
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

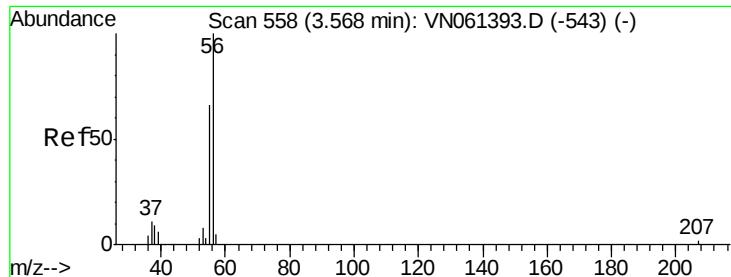
Tgt Ion:142 Resp: 21619
Ion Ratio Lower Upper
142 100
127 48.2 23.5 70.6
141 12.9 7.4 22.2



#12
Methyl Acetate
Concen: 20.63 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN061410.D
Acq: 15 May 2020 14:31

Tgt Ion: 43 Resp: 24883
Ion Ratio Lower Upper
43 100
74 22.9 18.1 27.1





#13

Acrolein

Concen: 90.90 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

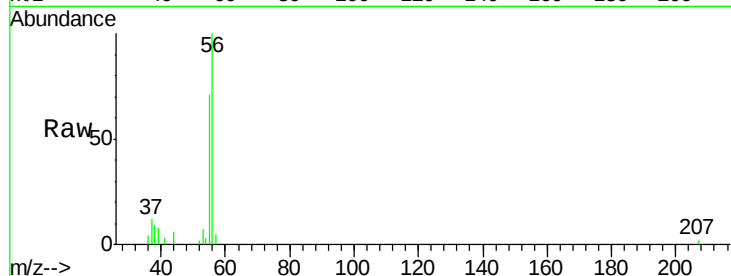
VSTDCCC020

Tgt Ion: 56 Resp: 18464

Ion Ratio Lower Upper

56 100

55 71.0 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.56

6000

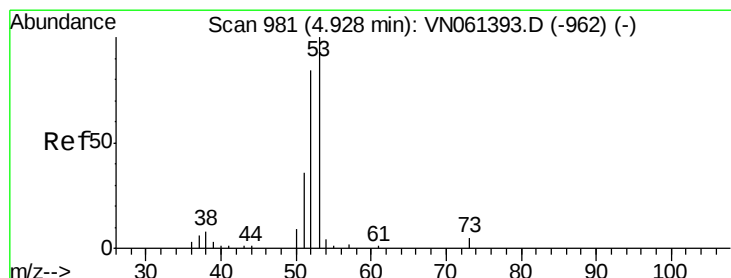
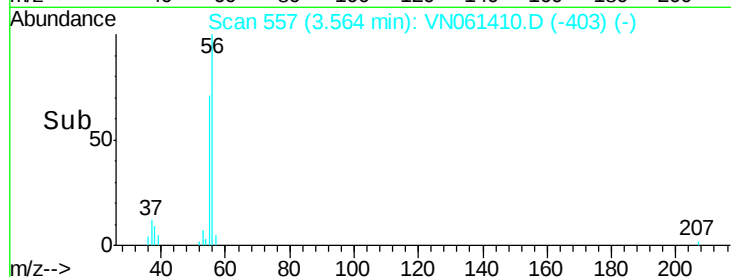
4000

2000

0

3.50 3.55 3.60 3.65

Time-->



#14

Acrylonitrile

Concen: 99.70 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

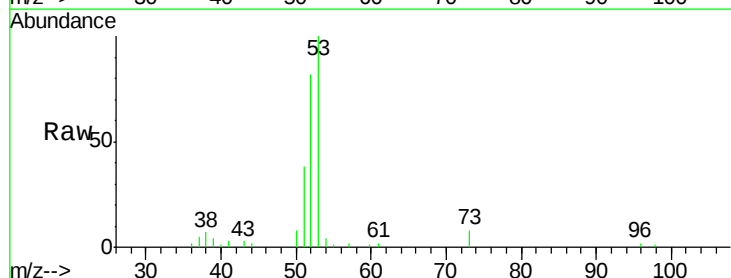
Tgt Ion: 53 Resp: 56460

Ion Ratio Lower Upper

53 100

52 81.0 42.2 126.6

51 38.5 18.8 56.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

4.93

20000

15000

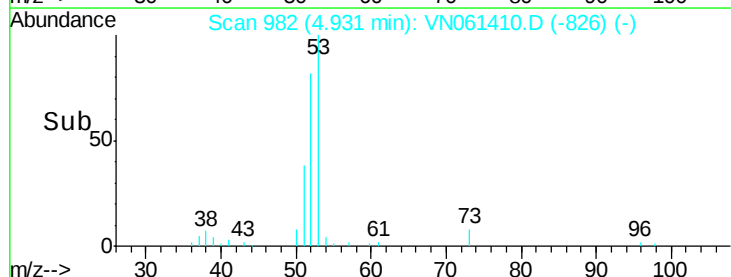
10000

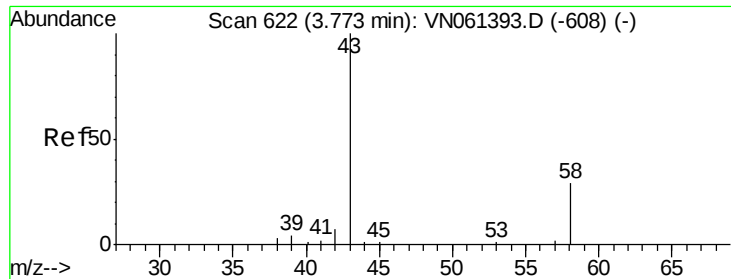
5000

0

4.80 4.90 5.00

Time-->





#15

Acetone

Concen: 104.62 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

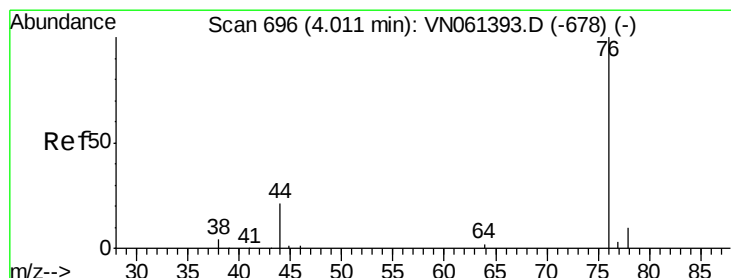
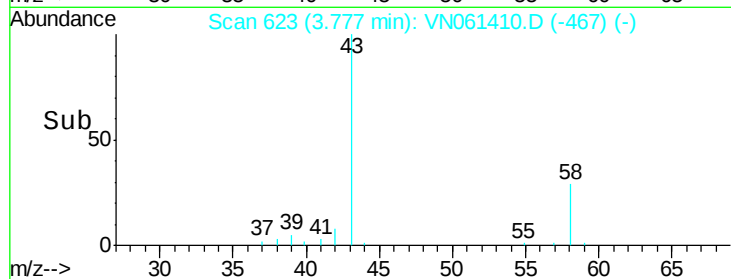
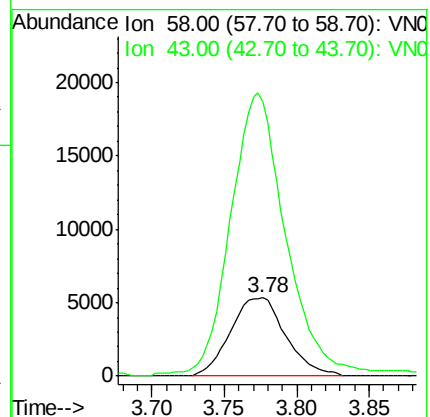
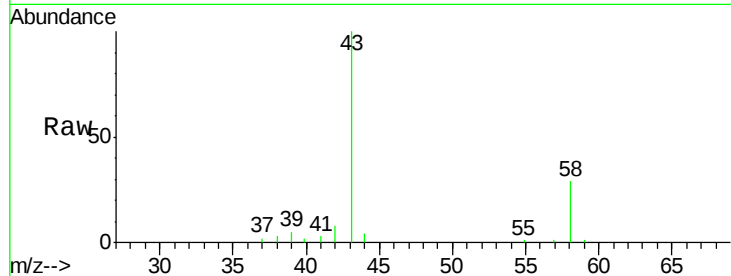
VSTDCCC020

Tgt Ion: 58 Resp: 14226

Ion Ratio Lower Upper

58 100

43 340.9 281.7 422.5



#16

Carbon Disulfide

Concen: 18.79 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN061410.D

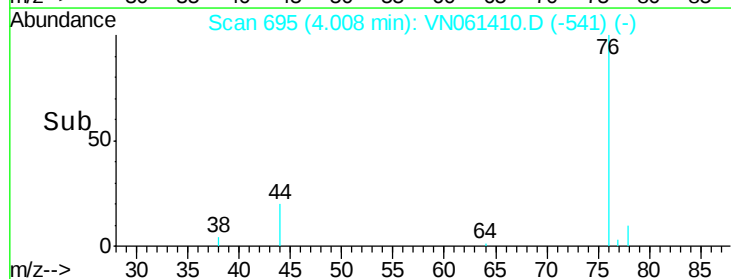
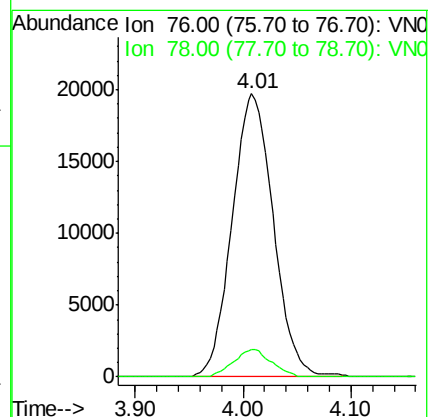
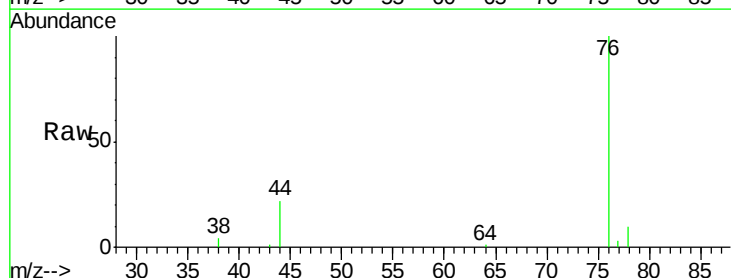
Acq: 15 May 2020 14:31

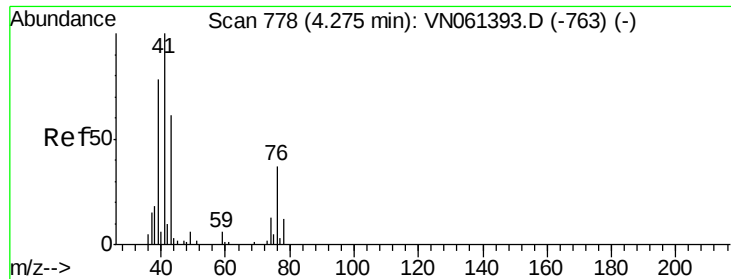
Tgt Ion: 76 Resp: 52469

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0

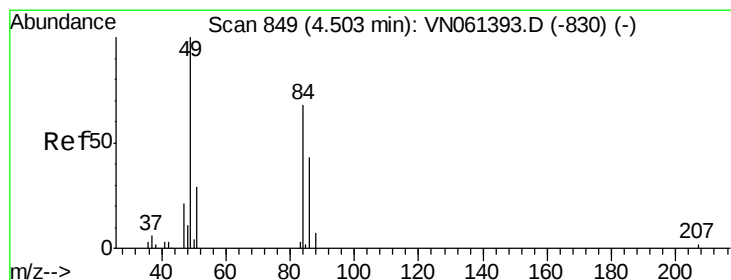
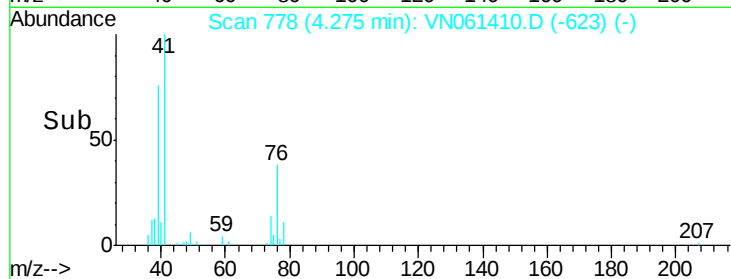
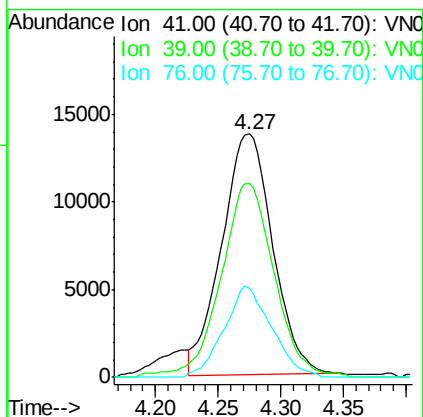
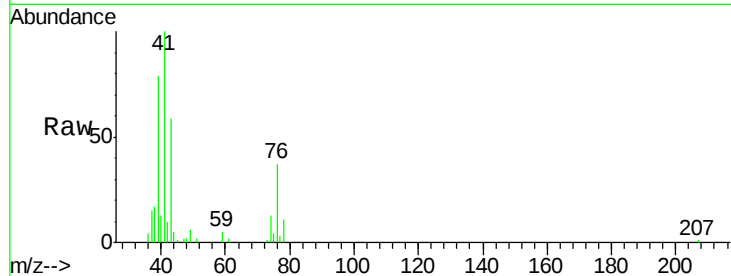




#17
 Allyl chloride
 Concen: 19.43 ug/l
 RT: 4.27 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

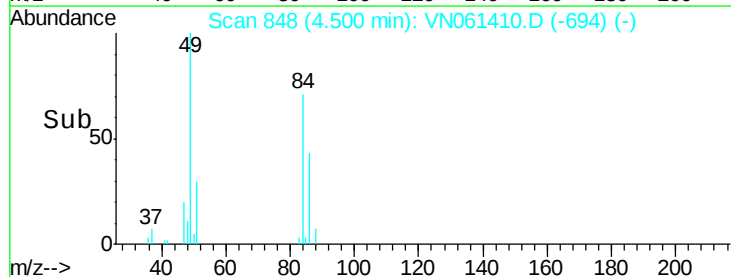
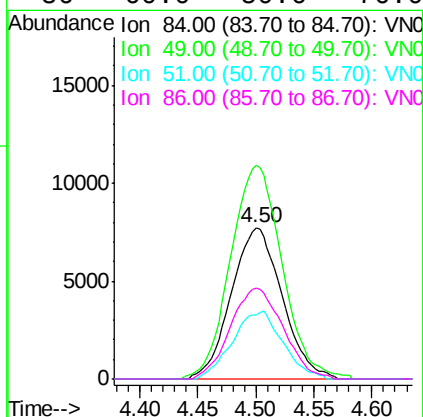
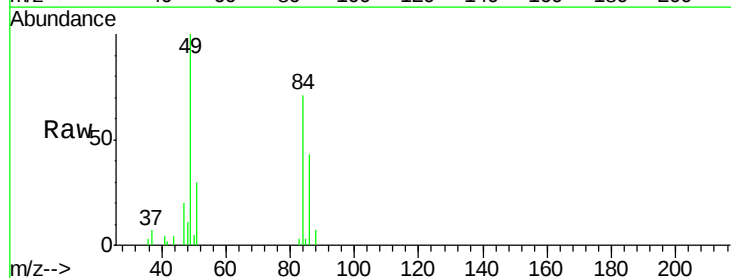
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

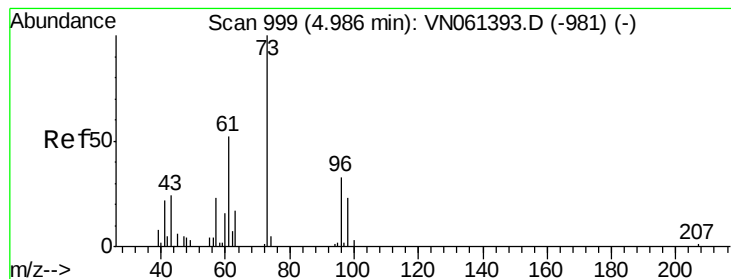
Tgt Ion: 41 Resp: 38841
 Ion Ratio Lower Upper
 41 100
 39 79.1 39.6 118.8
 76 37.3 17.6 52.9



#18
 Methylene Chloride
 Concen: 19.64 ug/l
 RT: 4.50 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

Tgt Ion: 84 Resp: 23547
 Ion Ratio Lower Upper
 84 100
 49 138.5 106.6 160.0
 51 42.5 32.4 48.6
 86 60.0 50.6 76.0





#19

trans-1,2-Dichloroethene

Concen: 19.21 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC020

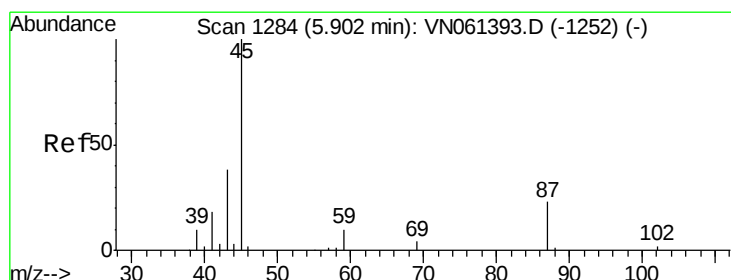
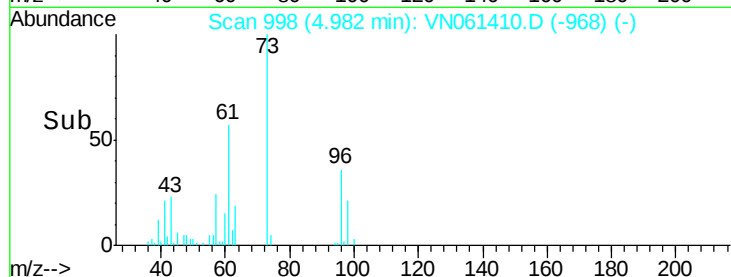
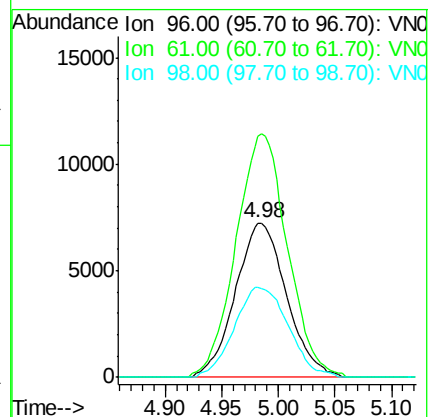
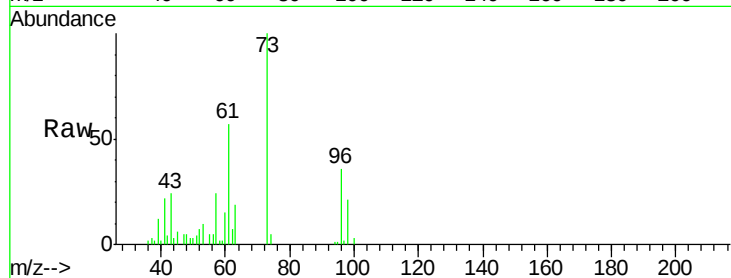
Tgt Ion: 96 Resp: 22714

Ion Ratio Lower Upper

96 100

61 153.6 131.8 197.6

98 58.8 52.6 79.0



#20

Diisopropyl ether

Concen: 18.89 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Tgt Ion: 45 Resp: 87928

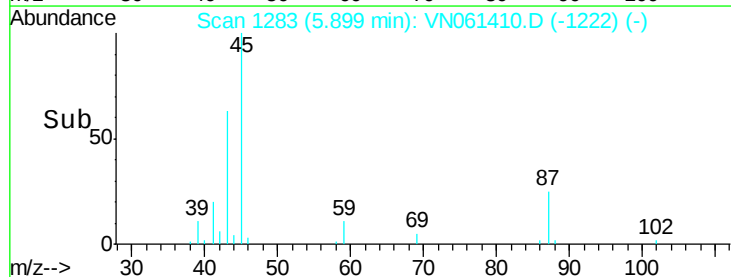
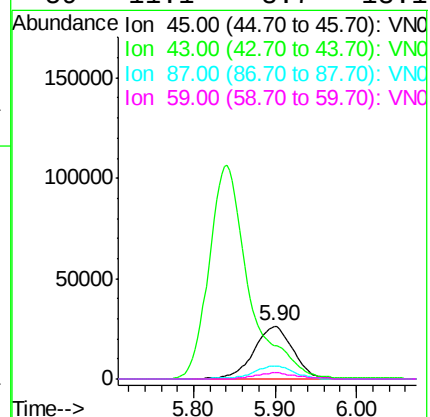
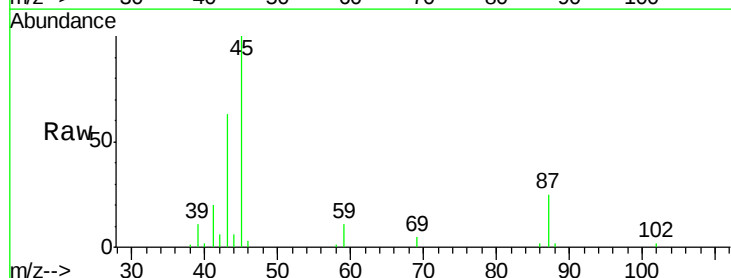
Ion Ratio Lower Upper

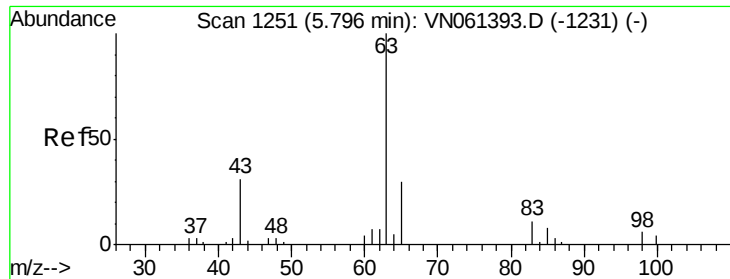
45 100

43 61.1 54.7 82.1

87 24.8 21.5 32.3

59 11.1 8.7 13.1

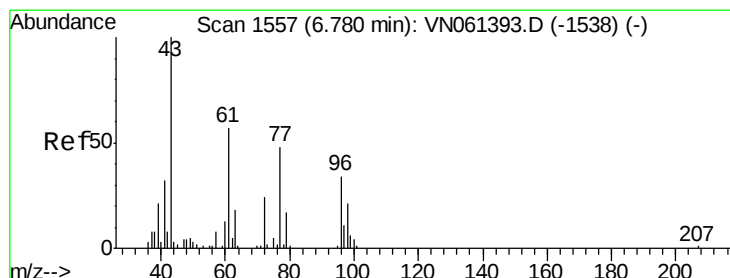
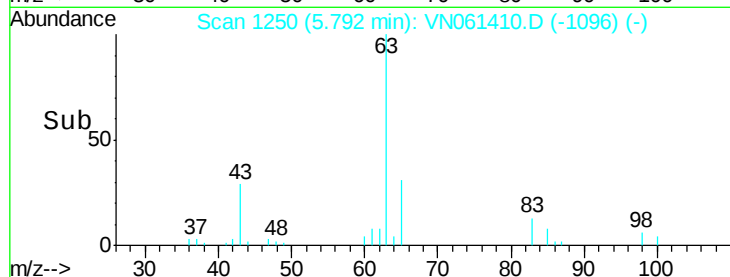
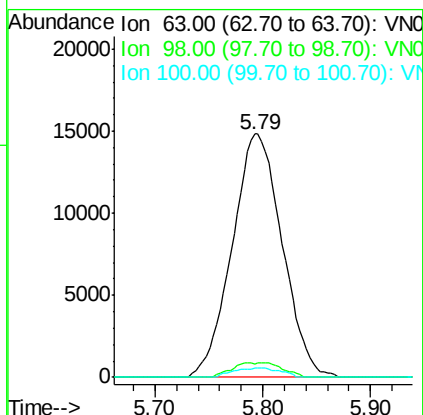
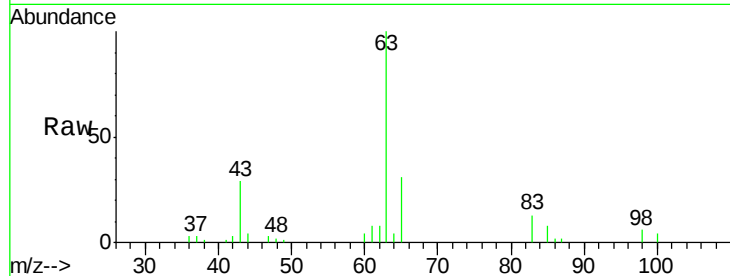




#21
 1,1-Dichloroethane
 Concen: 19.66 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

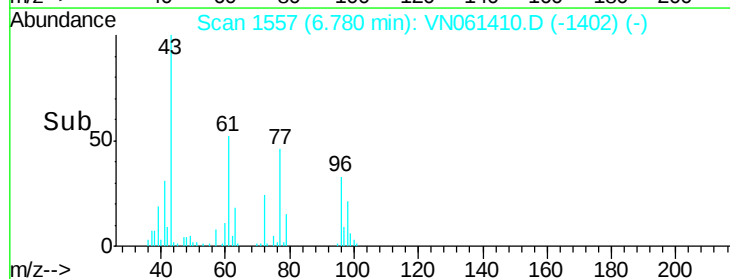
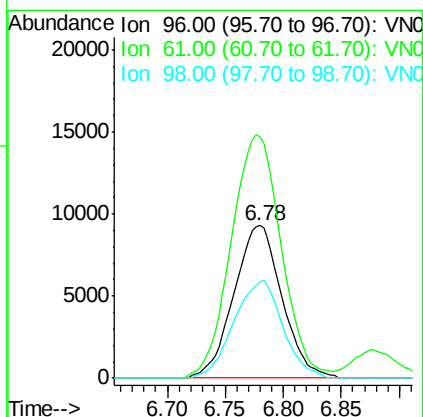
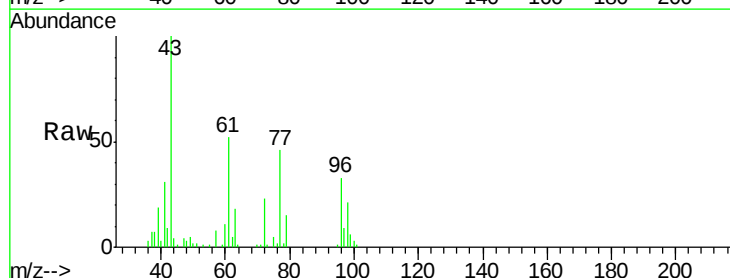
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

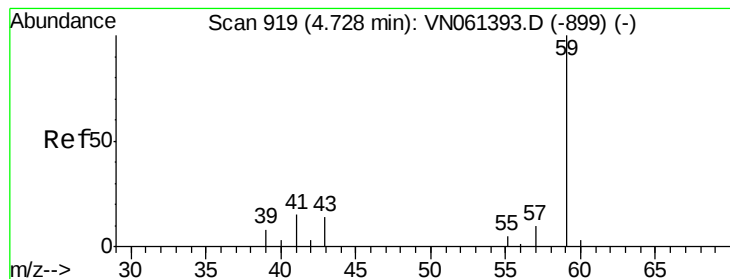
Tgt Ion: 63 Resp: 47775
 Ion Ratio Lower Upper
 63 100
 98 5.6 2.9 8.6
 100 3.8 1.8 5.5



#22
 cis-1,2-Dichloroethene
 Concen: 19.33 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

Tgt Ion: 96 Resp: 26792
 Ion Ratio Lower Upper
 96 100
 61 165.7 127.2 190.8
 98 64.9 50.5 75.7



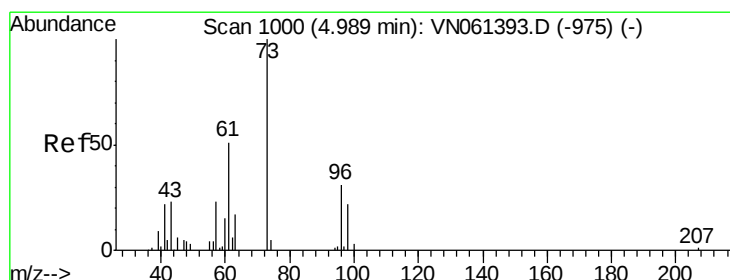
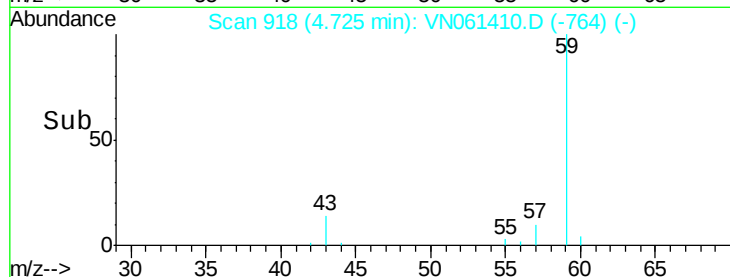
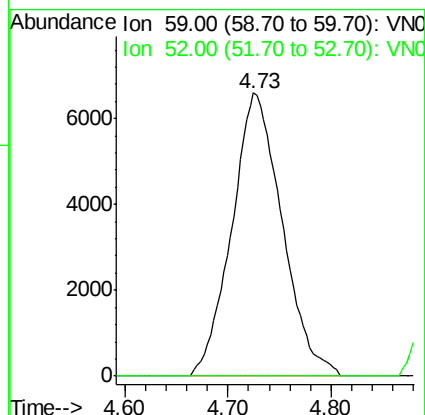
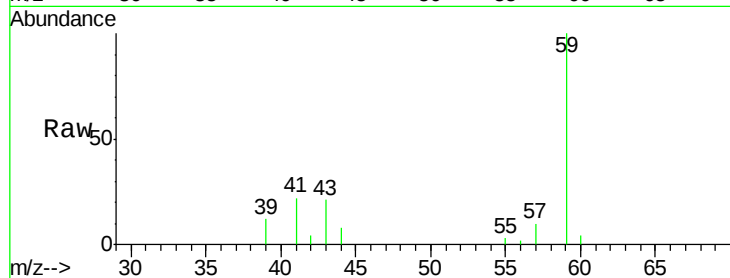


#23

tert-Butyl Alcohol
 Concen: 123.27 ug/l
 RT: 4.73 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

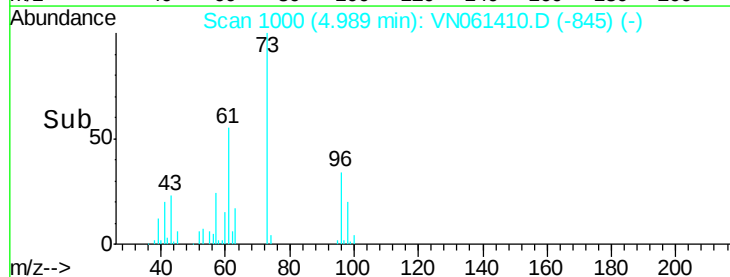
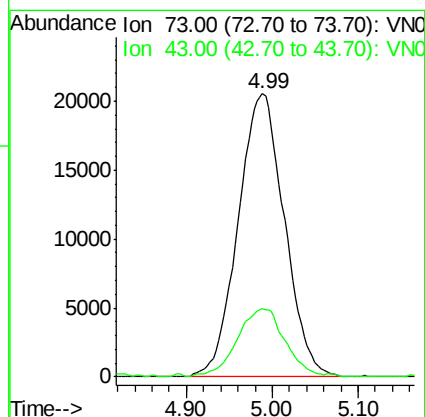
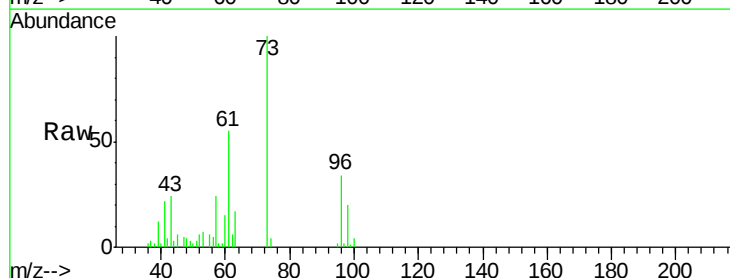
Tgt Ion: 59 Resp: 22376
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

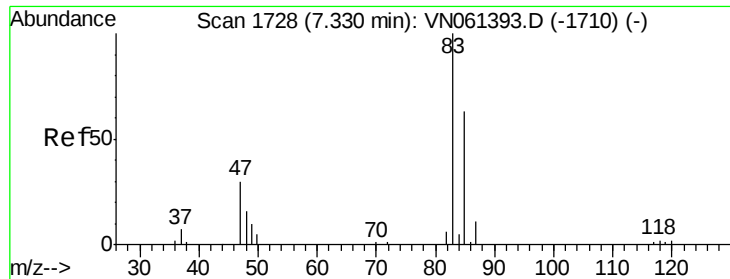


#24

Methyl tert-Butyl Ether
 Concen: 19.04 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

Tgt Ion: 73 Resp: 76755
 Ion Ratio Lower Upper
 73 100
 43 24.9 17.9 26.9

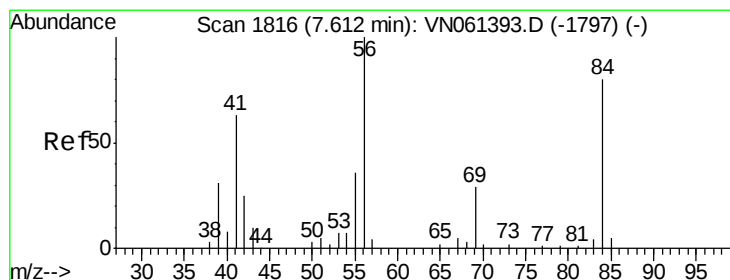
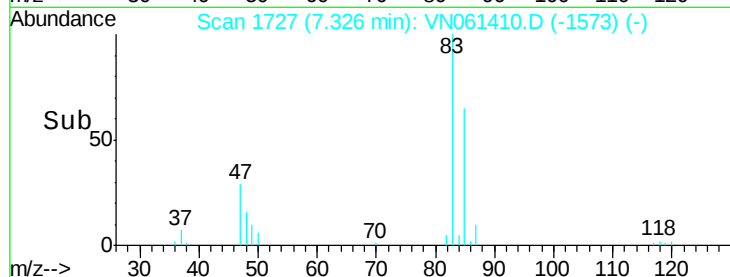
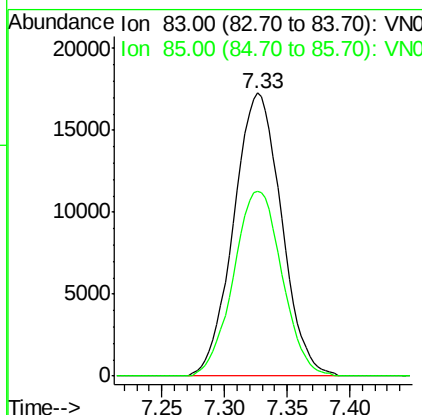
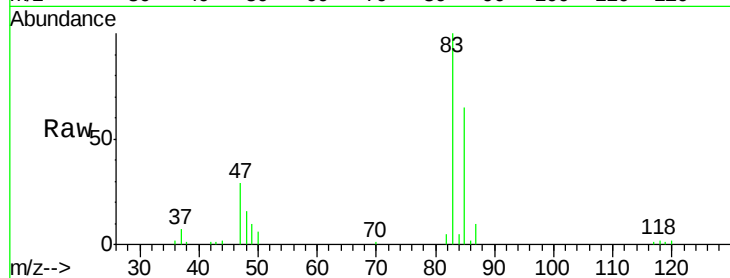




#25
Chloroform
Concen: 19.44 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061410.D
Acq: 15 May 2020 14:31

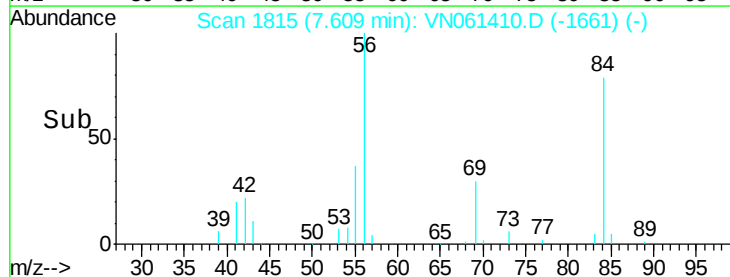
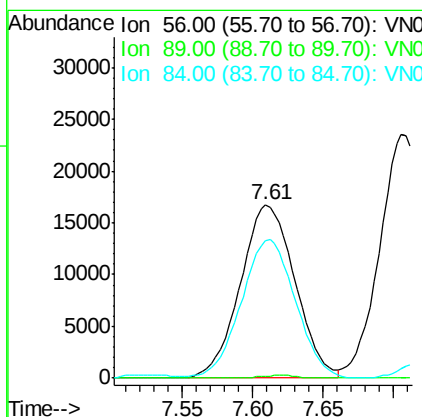
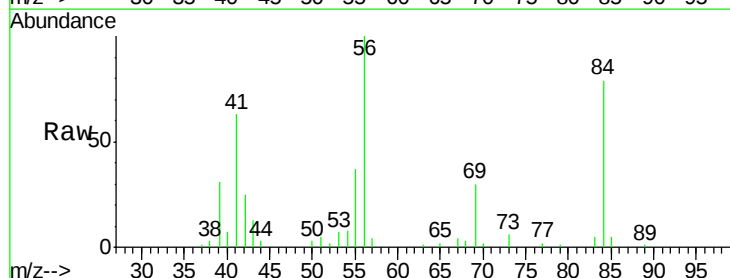
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

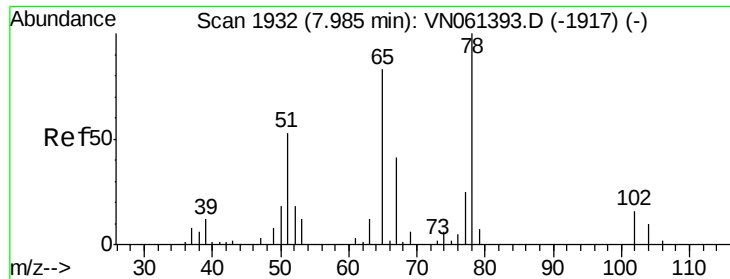
Tgt Ion: 83 Resp: 45797
Ion Ratio Lower Upper
83 100
85 65.4 53.8 80.8



#26
Cyclohexane
Concen: 19.51 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN061410.D
Acq: 15 May 2020 14:31

Tgt Ion: 56 Resp: 45289
Ion Ratio Lower Upper
56 100
89 0.7 6.2 9.2#
84 79.4 65.6 98.4

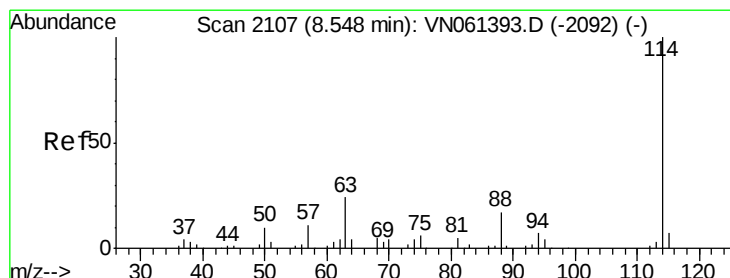
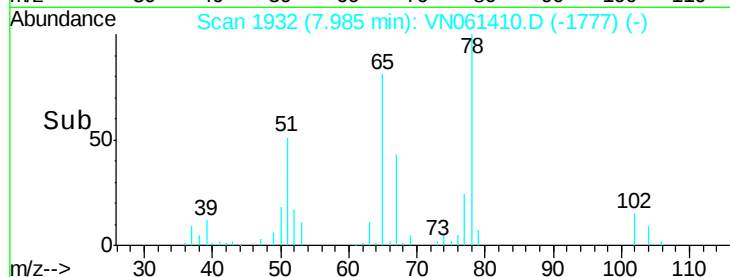
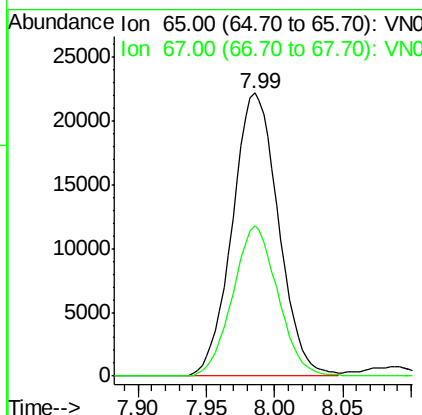
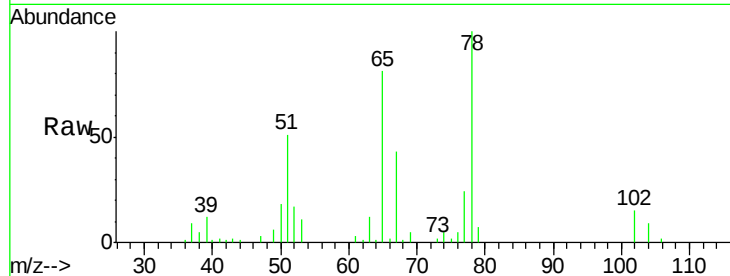




#27
 1,2-Dichloroethane-d4
 Concen: 31.49 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

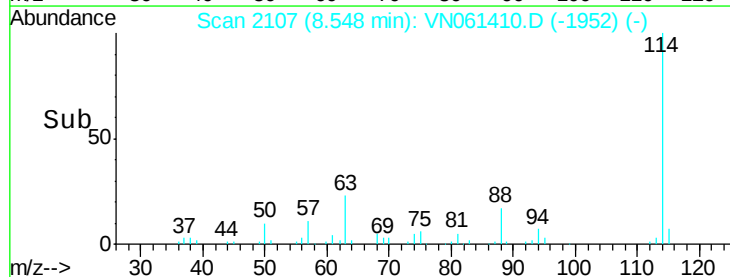
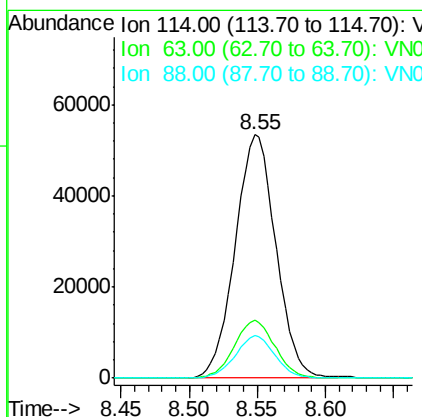
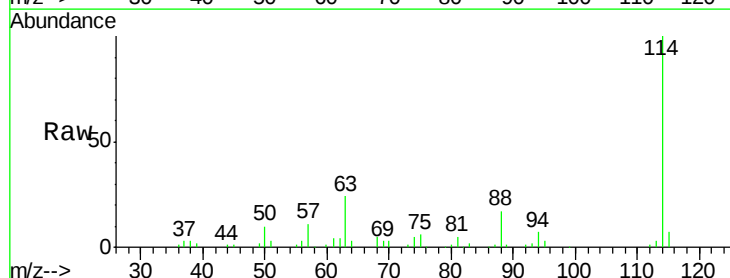
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

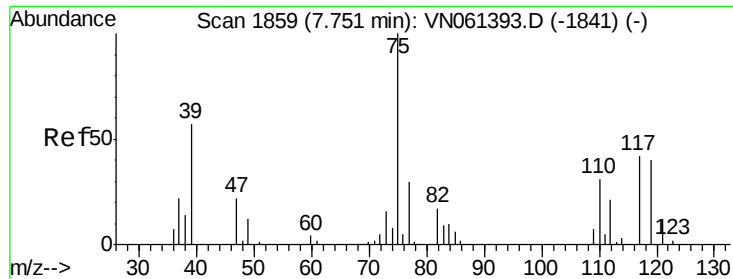
Tgt Ion: 65 Resp: 52149
 Ion Ratio Lower Upper
 65 100
 67 51.6 41.5 62.3



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

Tgt Ion: 114 Resp: 110661
 Ion Ratio Lower Upper
 114 100
 63 23.7 18.1 27.1
 88 16.9 13.0 19.4

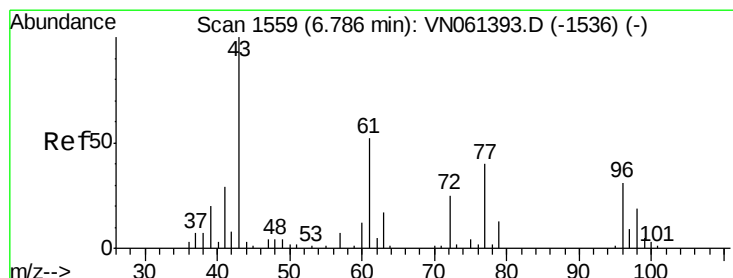
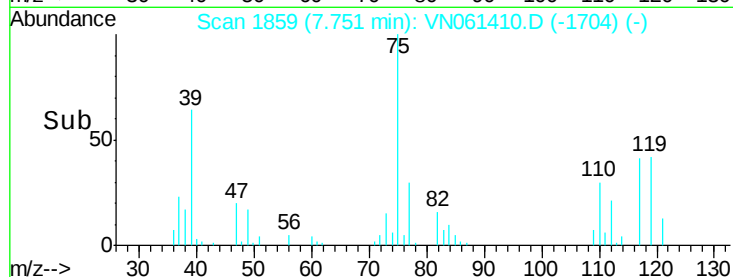
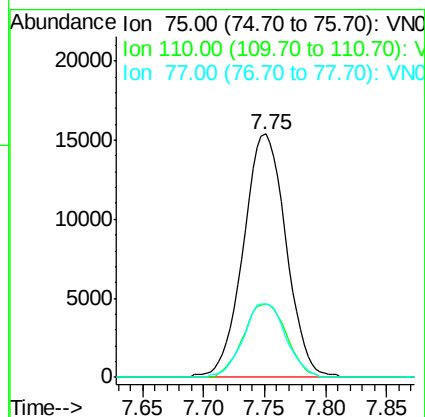
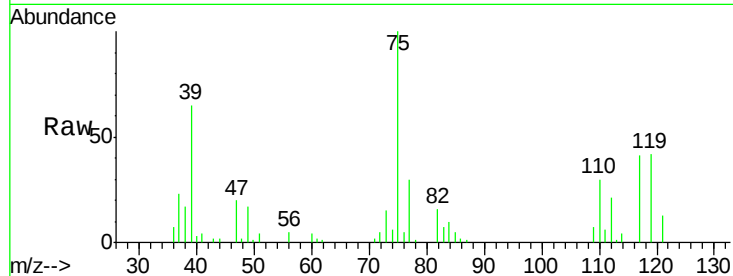




#29
 1,1-Dichloropropene
 Concen: 19.24 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

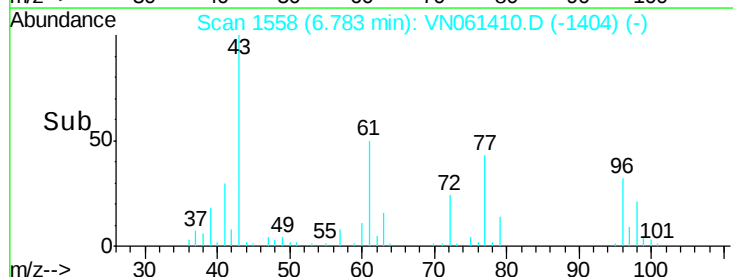
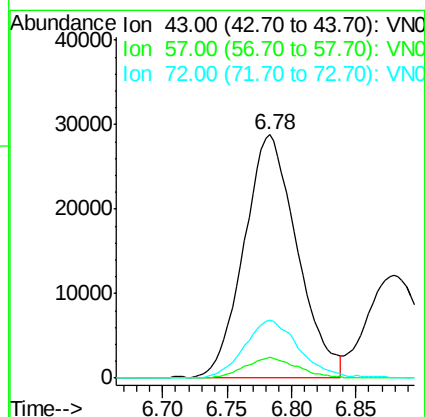
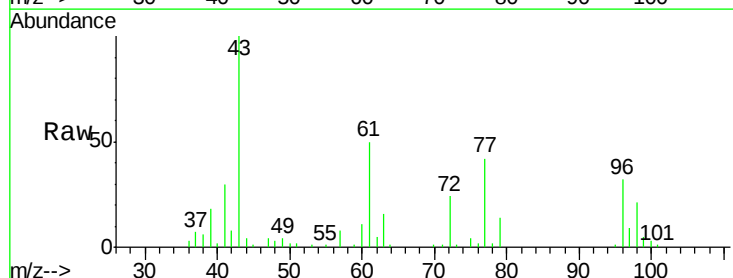
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

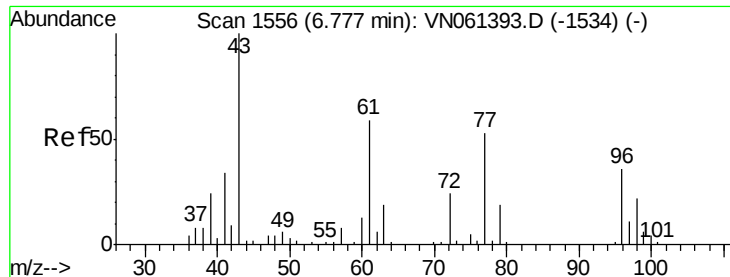
Tgt Ion: 75 Resp: 37366
 Ion Ratio Lower Upper
 75 100
 110 30.5 0.0 64.6
 77 30.1 0.0 60.8



#30
 2-Butanone
 Concen: 100.72 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

Tgt Ion: 43 Resp: 82734
 Ion Ratio Lower Upper
 43 100
 57 8.3 6.5 9.7
 72 24.1 20.1 30.1





#31

2,2-Dichloropropane

Concen: 19.44 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

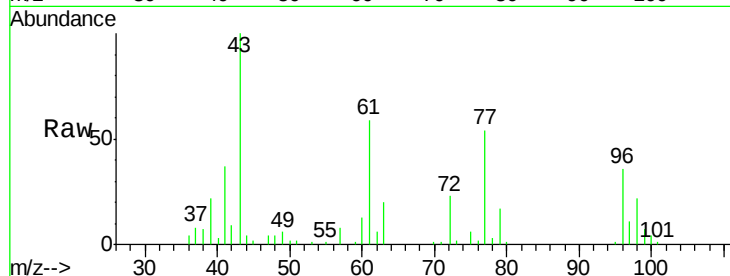
VSTDCCC020

Tgt Ion: 77 Resp: 44102

Ion Ratio Lower Upper

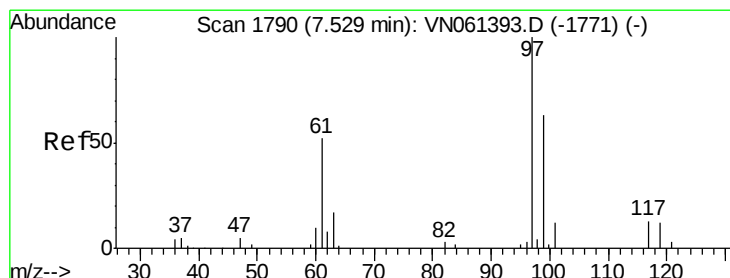
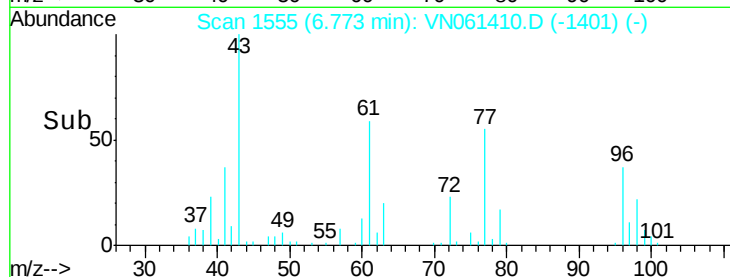
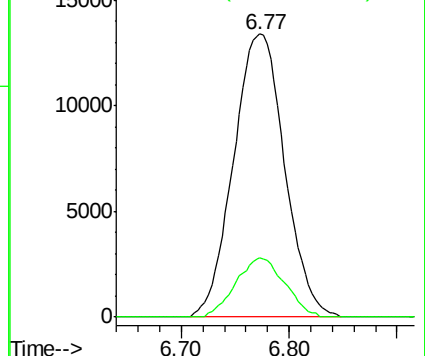
77 100

97 20.0 17.9 26.9



Abundance Ion 77.00 (76.70 to 77.70): VN0

Ion 97.00 (96.70 to 97.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.92 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

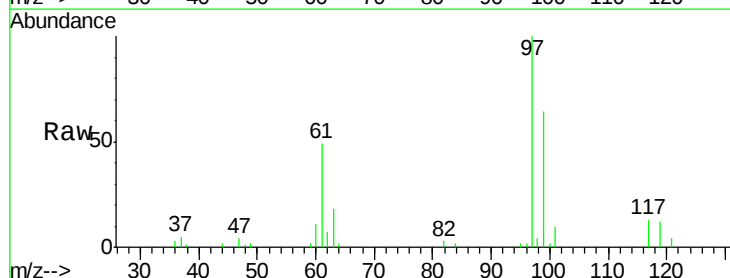
Tgt Ion: 97 Resp: 41106

Ion Ratio Lower Upper

97 100

99 63.5 51.3 76.9

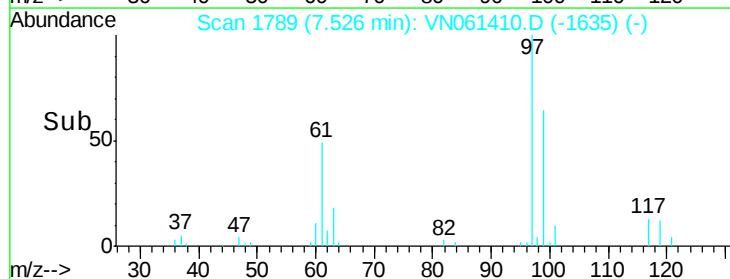
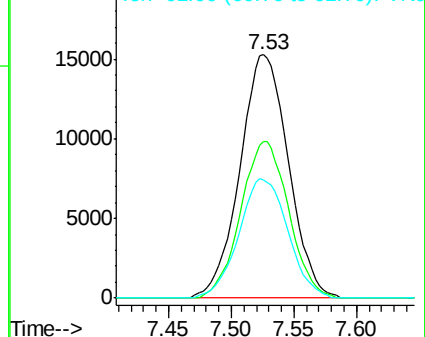
61 49.4 38.4 57.6

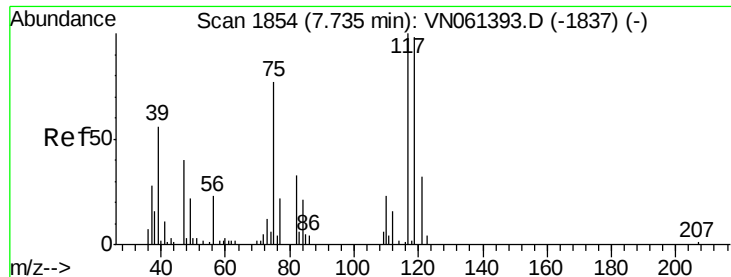


Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 99.00 (98.70 to 99.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

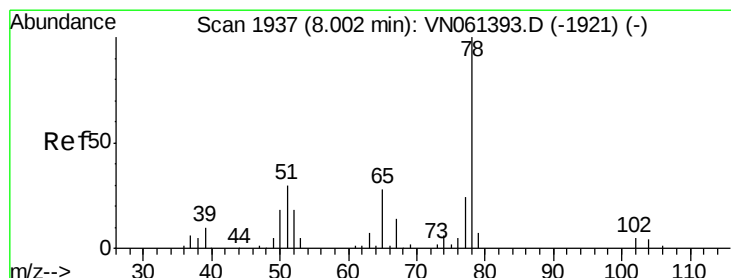
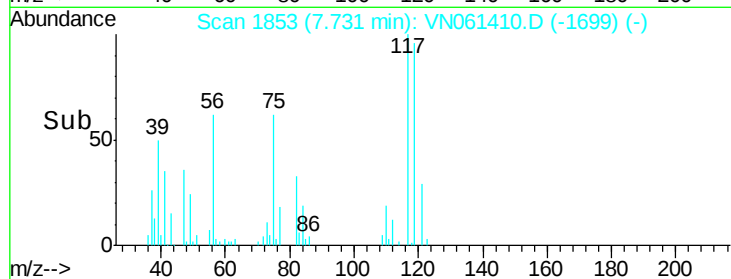
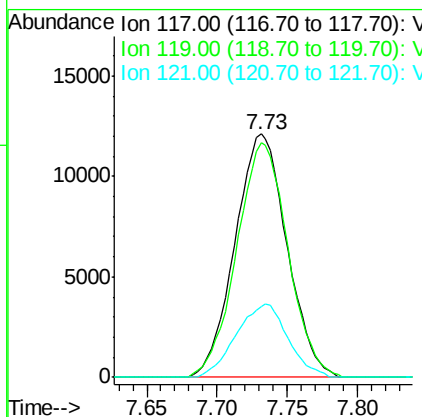
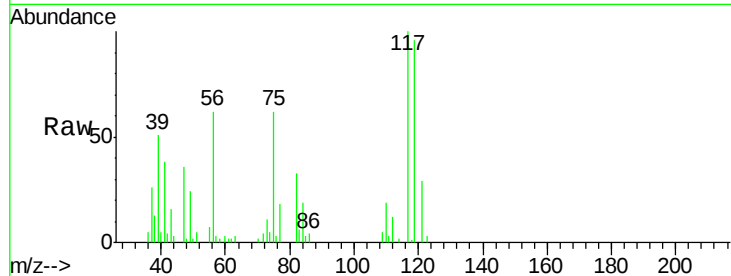




#33
Carbon Tetrachloride
Concen: 18.67 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061410.D
Acq: 15 May 2020 14:31

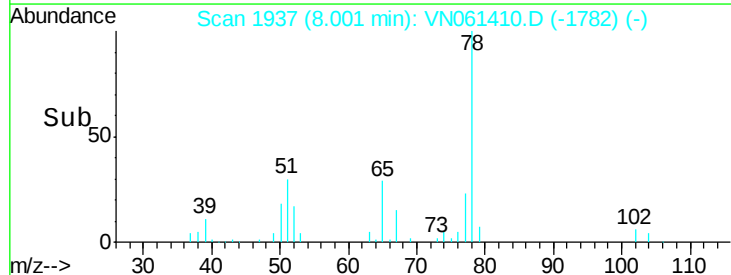
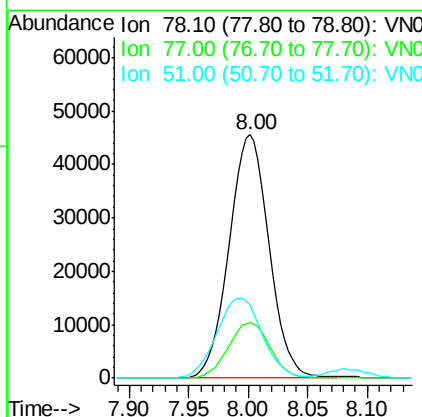
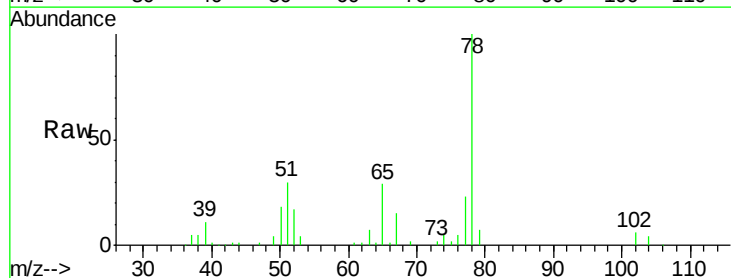
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

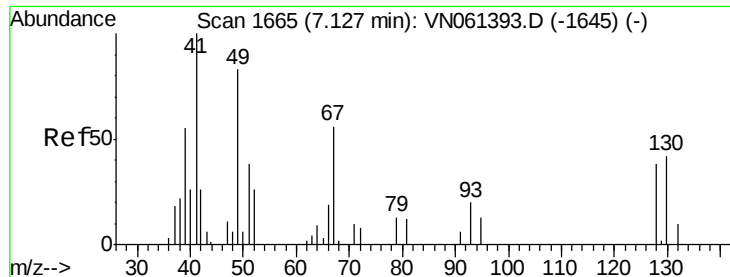
Tgt Ion: 117 Resp: 31144
Ion Ratio Lower Upper
117 100
119 96.5 76.9 115.3
121 29.2 23.8 35.8



#34
Benzene
Concen: 19.28 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061410.D
Acq: 15 May 2020 14:31

Tgt Ion: 78 Resp: 105919
Ion Ratio Lower Upper
78 100
77 22.7 19.2 28.8
51 28.5 22.1 33.1

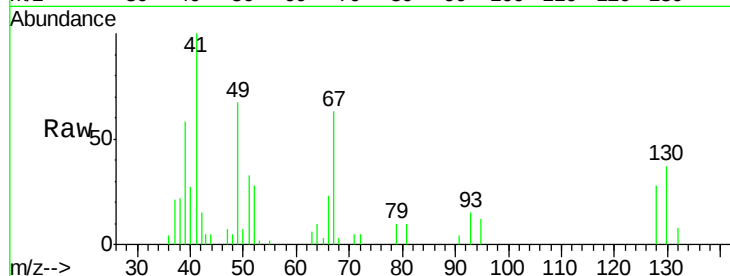




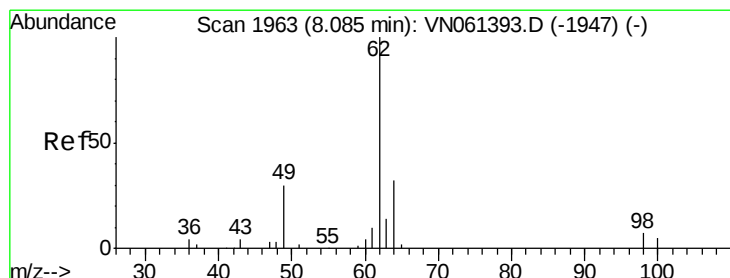
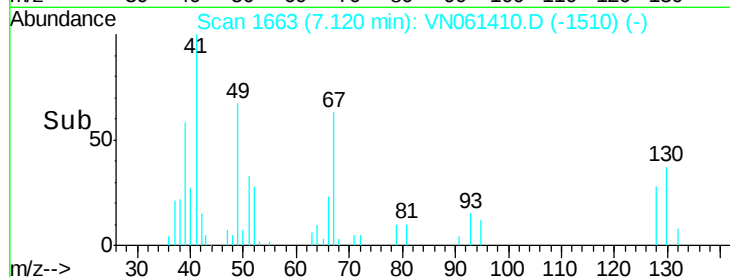
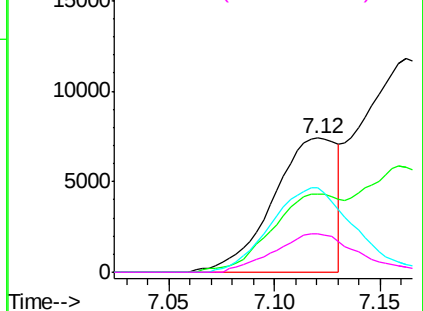
#35
Methacrylonitrile
Concen: 19.02 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VN061410.D
Acq: 15 May 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:	41	Resp:	15669
Ion	Ratio	Lower	Upper
41	100		
39	58.4	25.8	77.4
67	63.4	23.0	69.0
52	28.3	10.1	30.1

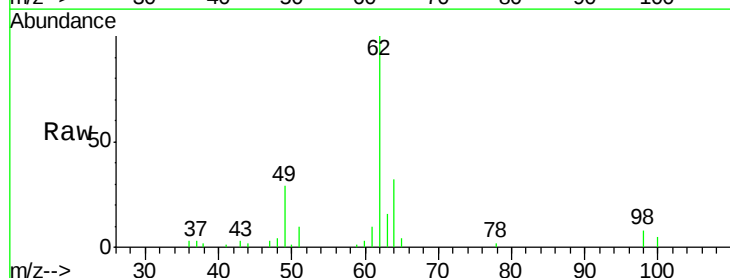


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

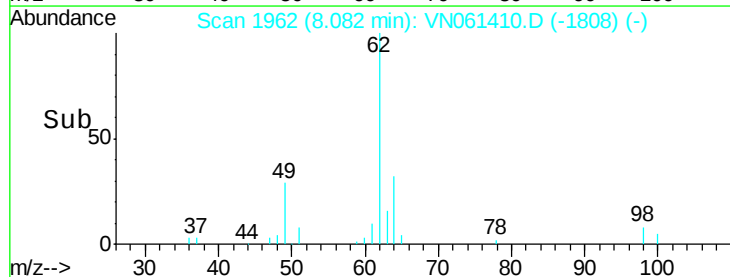
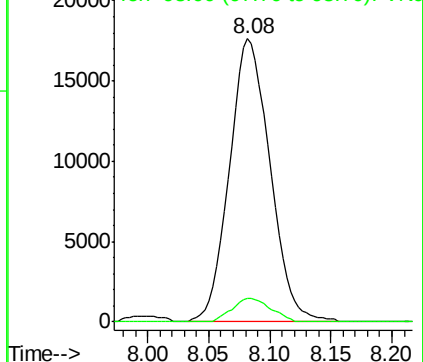


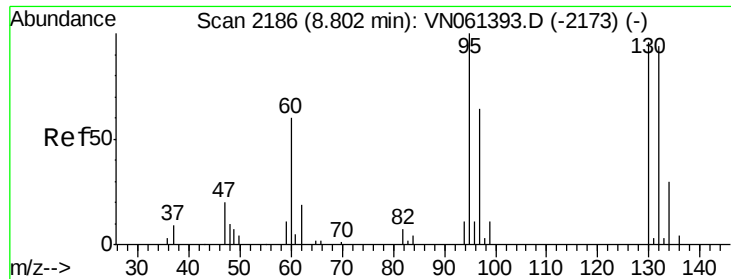
#36
1,2-Dichloroethane
Concen: 19.36 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061410.D
Acq: 15 May 2020 14:31

Tgt Ion:	62	Resp:	40822
Ion	Ratio	Lower	Upper
62	100		
98	7.8	6.4	9.6



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

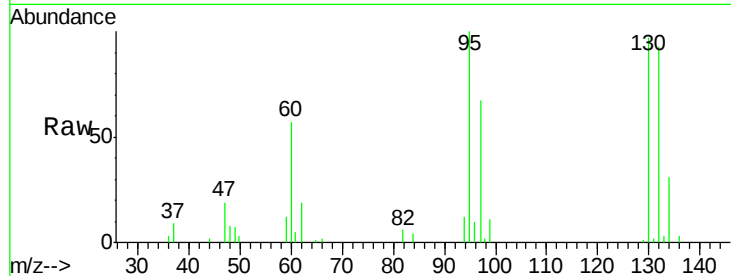




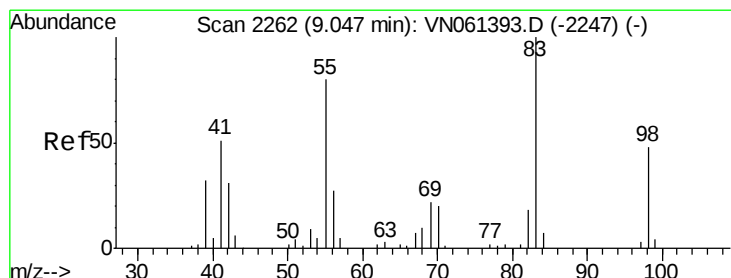
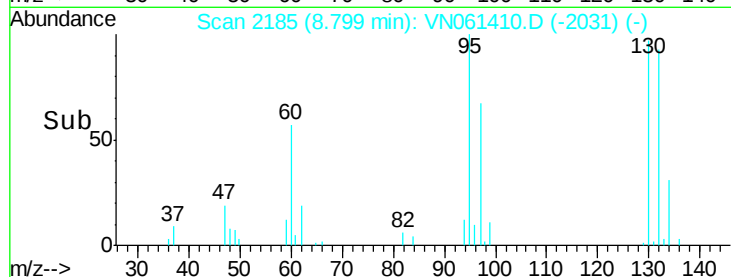
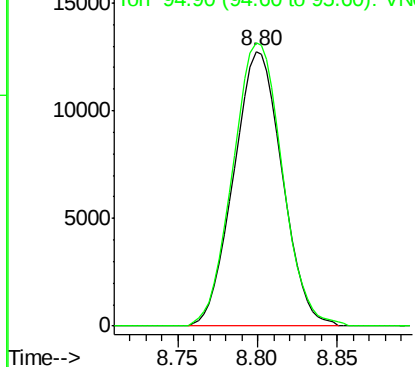
#37
 Trichloroethene
 Concen: 19.54 ug/l
 RT: 8.80 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion:130 Resp: 26433
 Ion Ratio Lower Upper
 130 100
 95 103.1 83.2 124.8

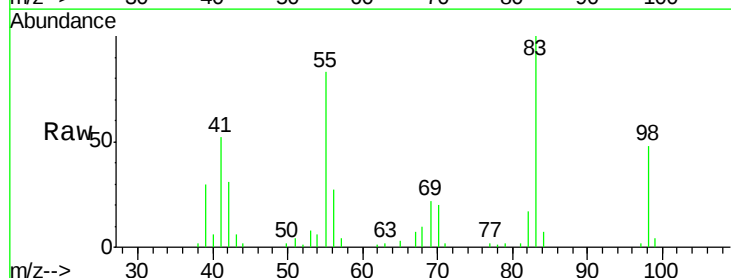


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

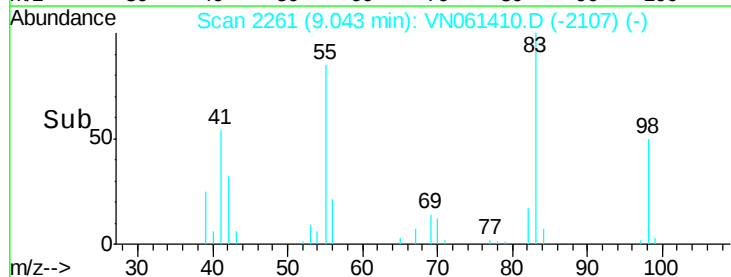
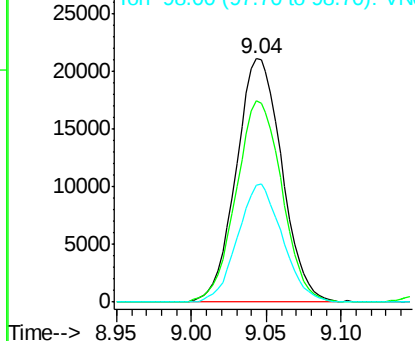


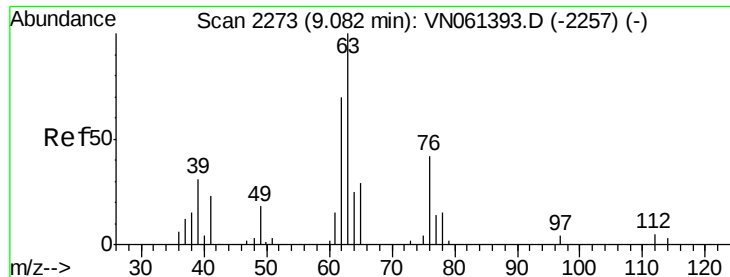
#38
 Methylcyclohexane
 Concen: 19.22 ug/l
 RT: 9.04 min Scan# 2261
 Delta R.T. -0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

Tgt Ion: 83 Resp: 44795
 Ion Ratio Lower Upper
 83 100
 55 82.9 40.4 121.1
 98 47.4 21.6 65.0



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

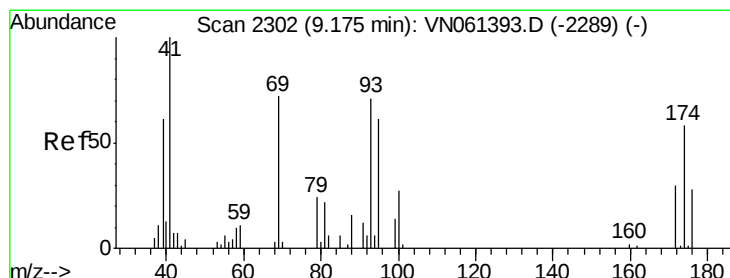
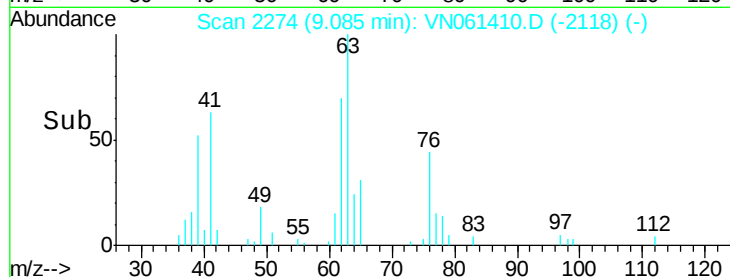
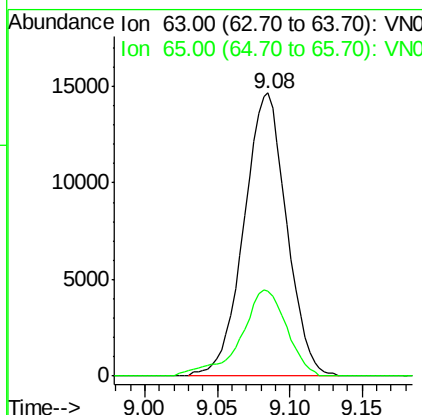
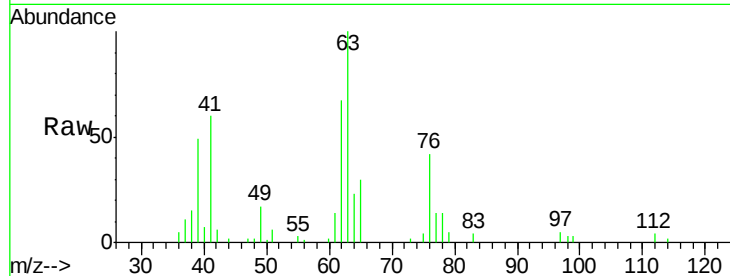




#39
 1,2-Dichloropropane
 Concen: 19.88 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

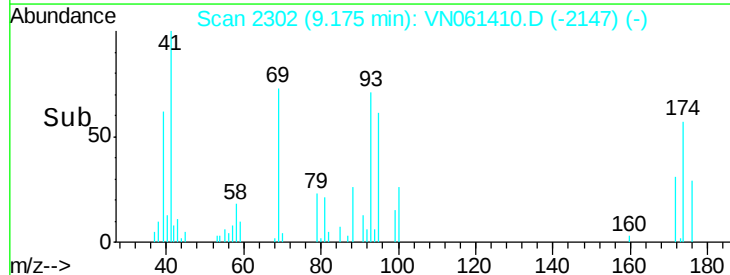
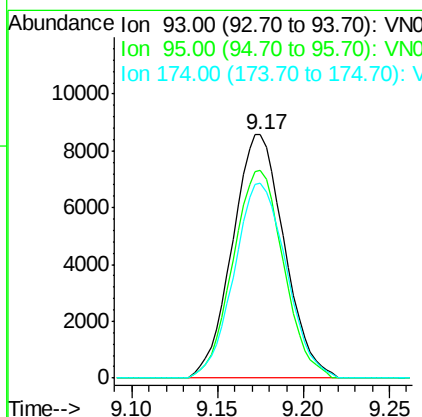
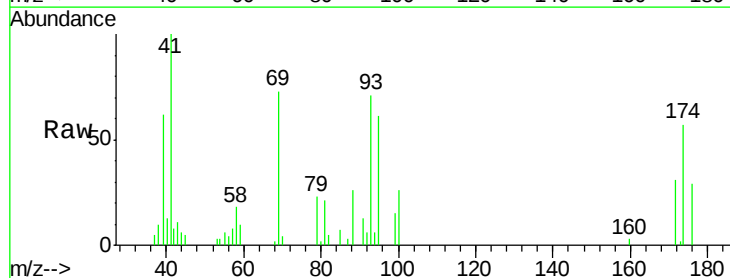
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

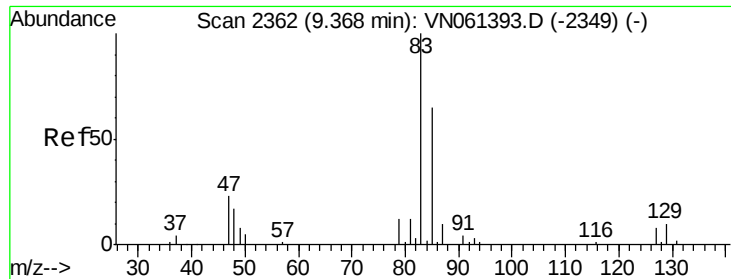
Tgt Ion: 63 Resp: 30028
 Ion Ratio Lower Upper
 63 100
 65 30.0 23.8 35.6



#40
 Dibromomethane
 Concen: 19.24 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

Tgt Ion: 93 Resp: 17944
 Ion Ratio Lower Upper
 93 100
 95 83.3 0.0 167.6
 174 80.3 0.0 187.2





#41

Bromodichloromethane

Concen: 19.16 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

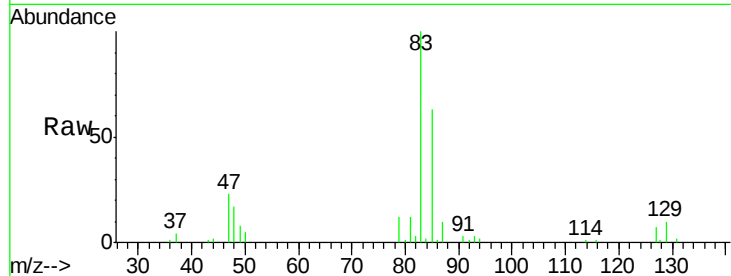
Tgt Ion: 83 Resp: 38783

Ion Ratio Lower Upper

83 100

85 62.9 51.0 76.4

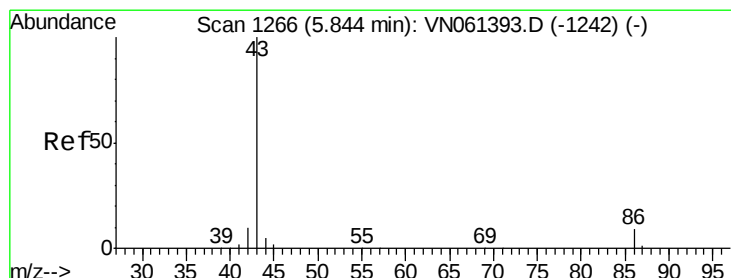
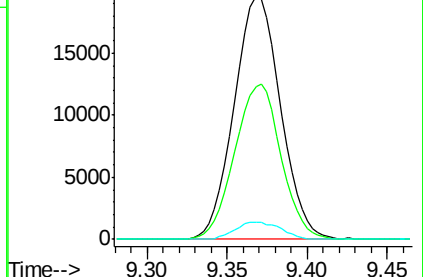
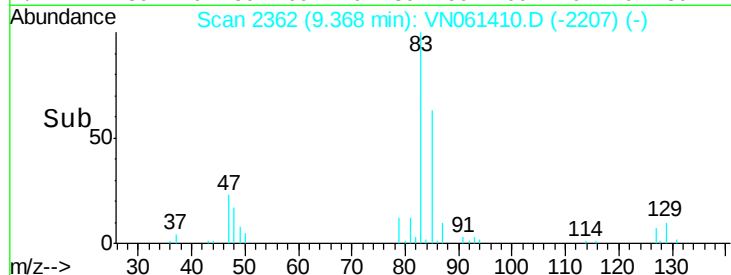
127 7.2 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VN061410.D (-2207) (-)

Ion 85.00 (84.70 to 85.70): VN061410.D (-2207) (-)

Ion 127.00 (126.70 to 127.70): VN061410.D (-2207) (-)



#42

Vinyl Acetate

Concen: 93.61 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN061410.D

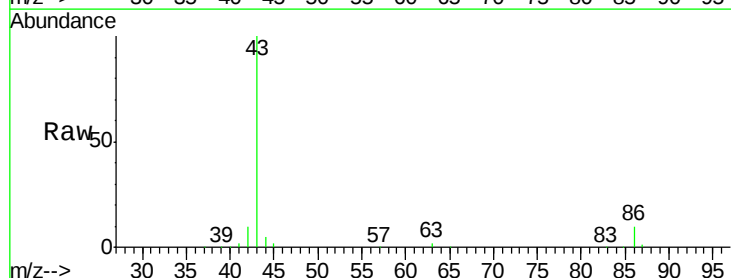
Acq: 15 May 2020 14:31

Tgt Ion: 43 Resp: 365152

Ion Ratio Lower Upper

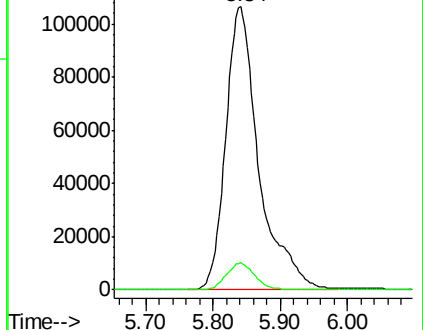
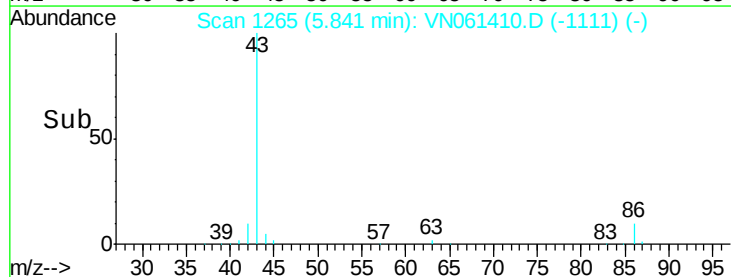
43 100

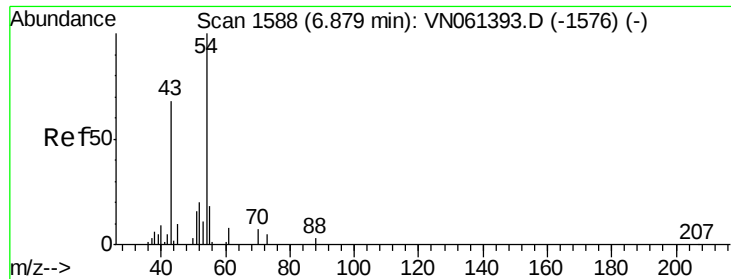
86 8.2 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VN061410.D (-1111) (-)

Ion 86.00 (85.70 to 86.70): VN061410.D (-1111) (-)





#43

Ethyl Acetate

Concen: 20.79 ug/l

RT: 6.88 min Scan# 1588

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

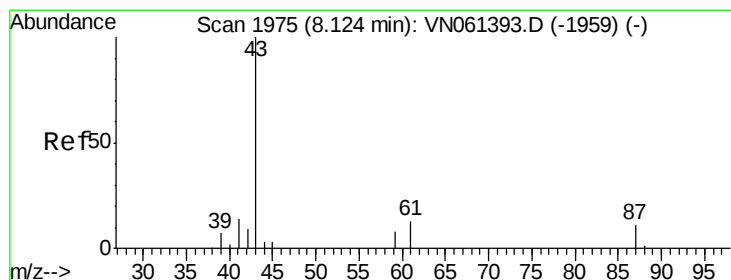
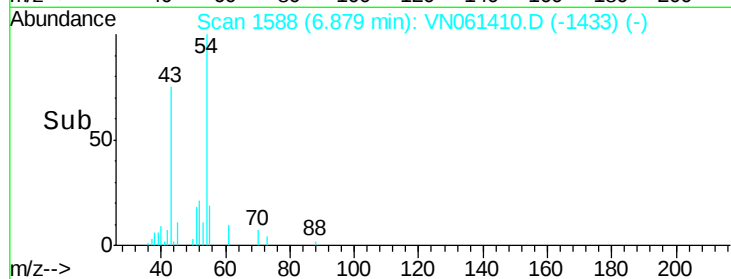
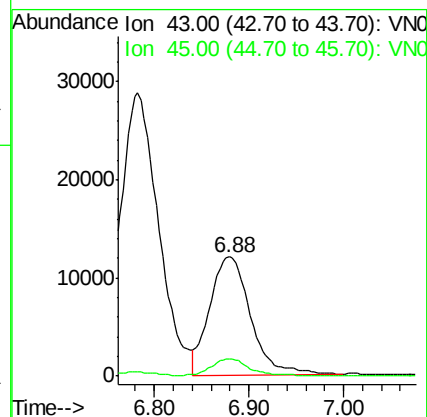
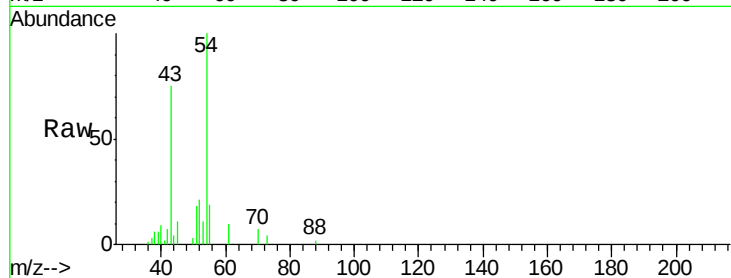
VSTDCCC020

Tgt Ion: 43 Resp: 36487

Ion Ratio Lower Upper

43 100

45 13.4 9.7 14.5



#44

Isopropyl Acetate

Concen: 18.66 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061410.D

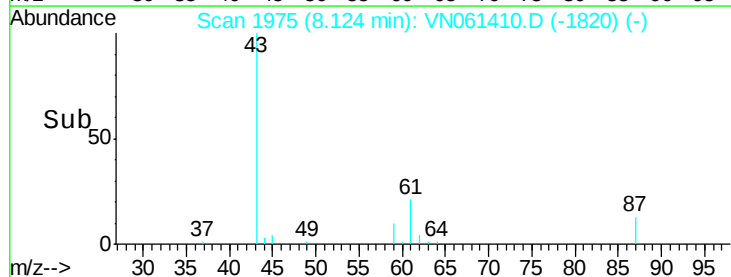
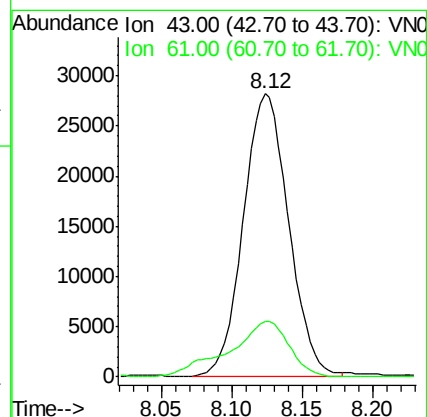
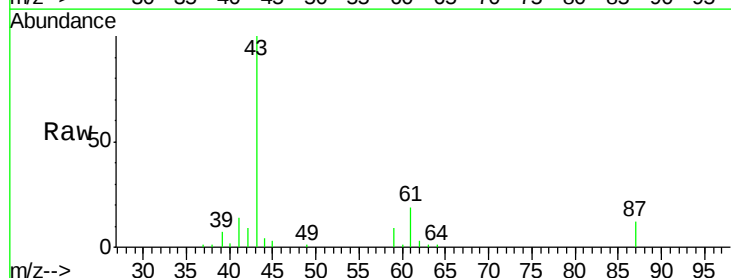
Acq: 15 May 2020 14:31

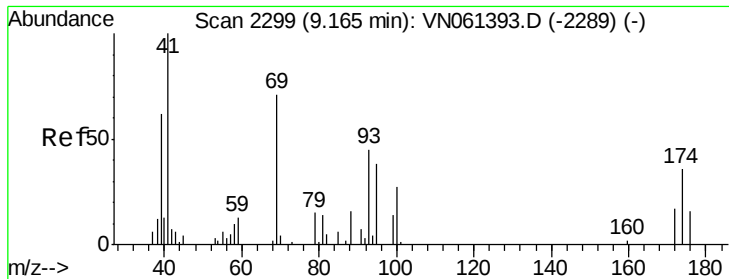
Tgt Ion: 43 Resp: 63555

Ion Ratio Lower Upper

43 100

61 25.9 19.9 29.9

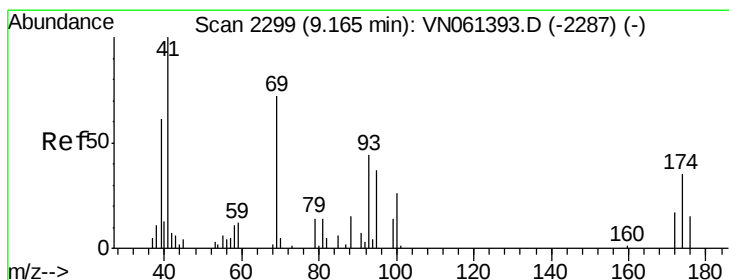
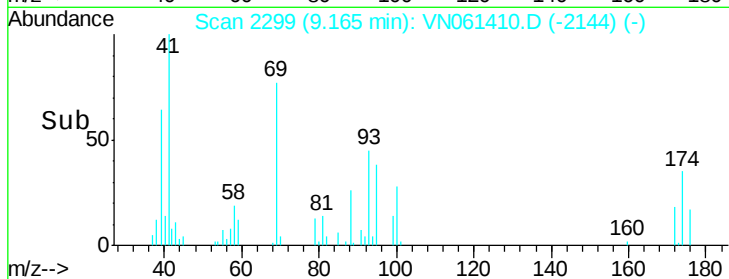
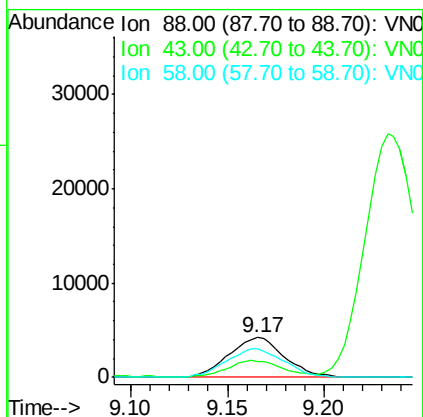
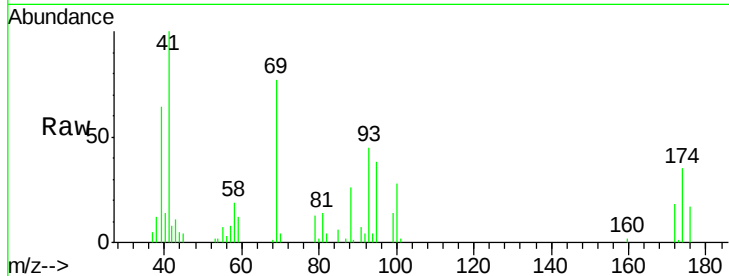




#45
 1,4-Dioxane
 Concen: 628.60 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

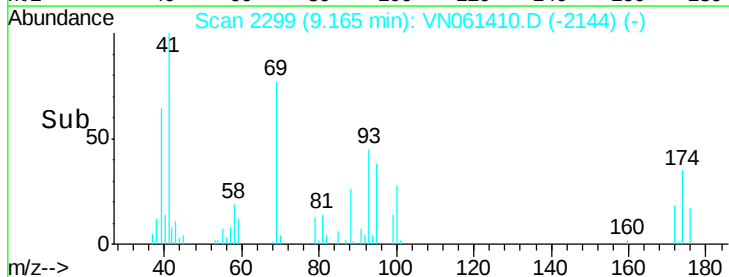
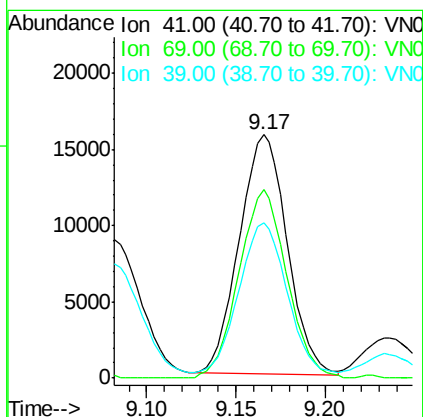
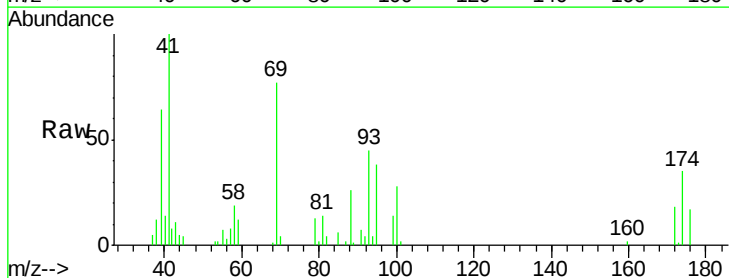
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

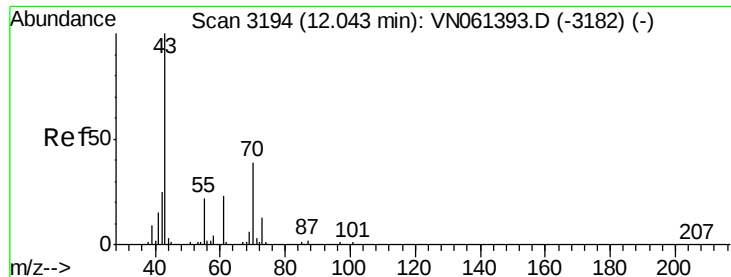
Tgt Ion: 88 Resp: 8451
 Ion Ratio Lower Upper
 88 100
 43 43.1 29.8 44.8
 58 73.9 58.2 87.4



#46
 Methyl methacrylate
 Concen: 18.36 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

Tgt Ion: 41 Resp: 29417
 Ion Ratio Lower Upper
 41 100
 69 79.1 40.2 120.5
 39 62.8 29.9 89.8

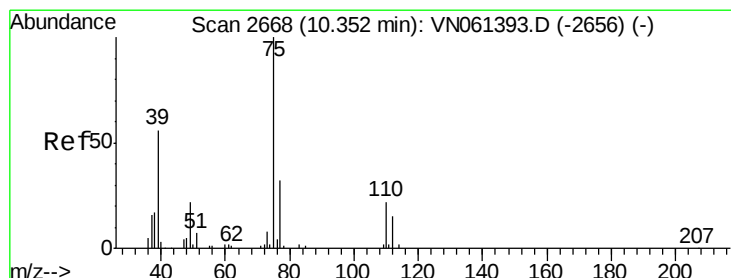
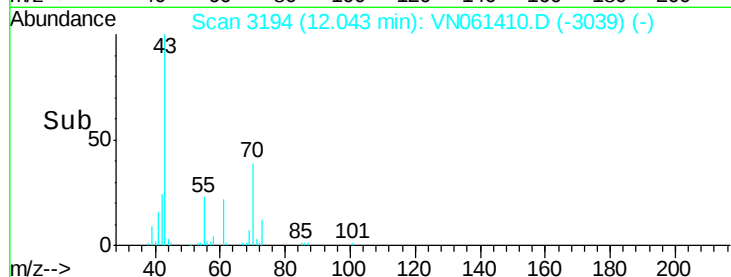
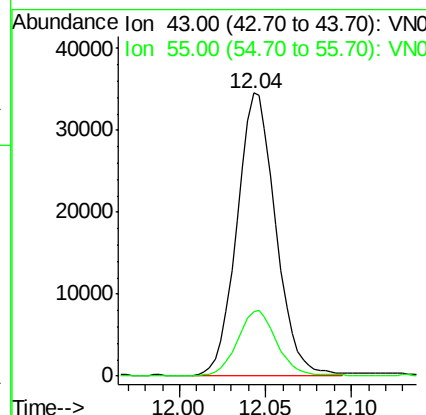
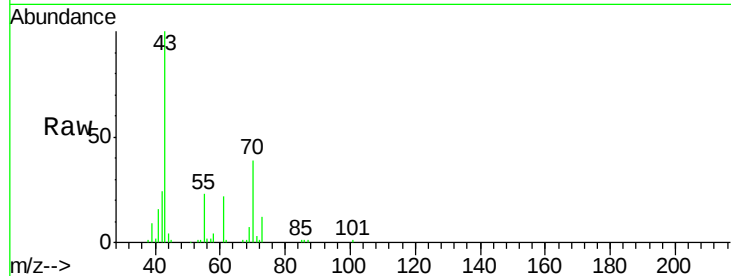




#47
n-amy1 Acetate
Concen: 17.96 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.00 min
Lab File: VN061410.D
Acq: 15 May 2020 14:31

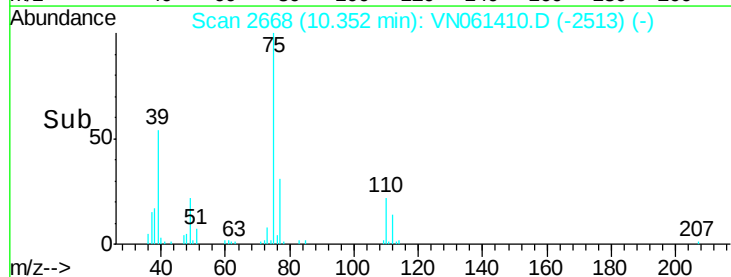
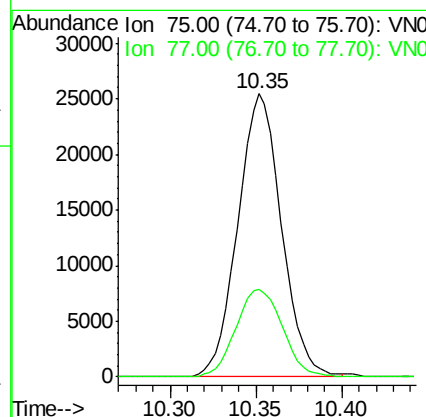
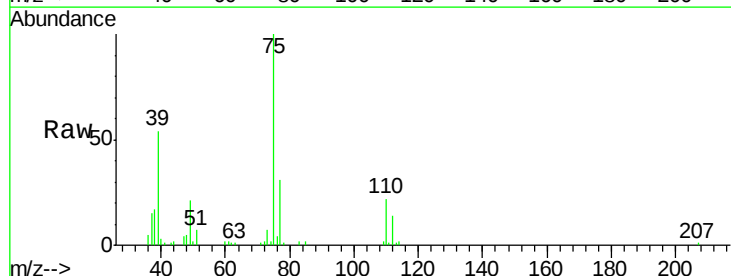
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

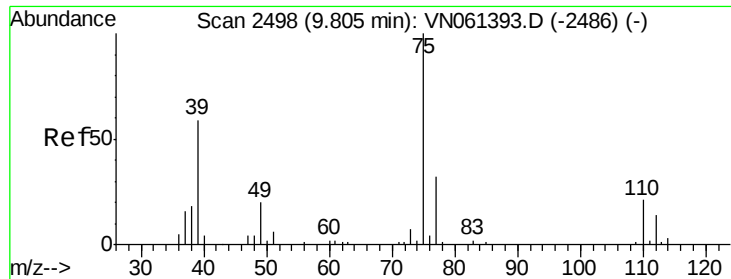
Tgt Ion: 43 Resp: 54560
Ion Ratio Lower Upper
43 100
55 23.2 19.6 29.4



#48
t-1,3-Dichloropropene
Concen: 18.71 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN061410.D
Acq: 15 May 2020 14:31

Tgt Ion: 75 Resp: 44691
Ion Ratio Lower Upper
75 100
77 31.0 27.0 40.4





#49

cis-1,3-Dichloropropene

Concen: 18.81 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

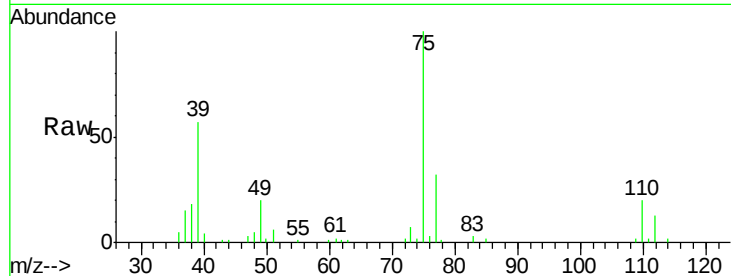
Tgt Ion: 75 Resp: 47509

Ion Ratio Lower Upper

75 100

77 31.8 26.1 39.1

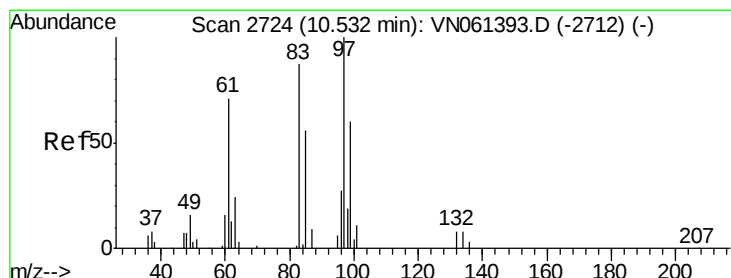
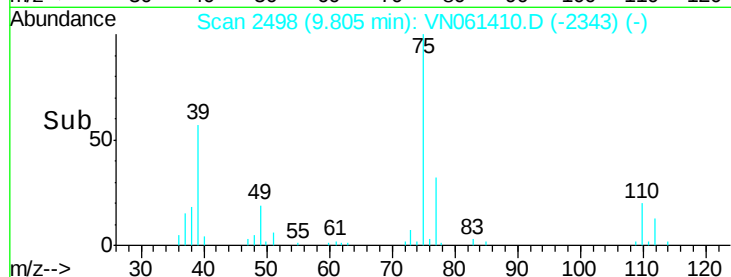
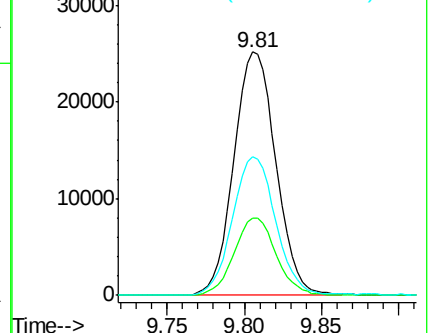
39 56.9 43.1 64.7



Abundance Ion 75.00 (74.70 to 75.70): VN061410.D (-2343) (-)

Ion 77.00 (76.70 to 77.70): VN061410.D (-2343) (-)

Ion 39.00 (38.70 to 39.70): VN061410.D (-2343) (-)



#50

1,1,2-Trichloroethane

Concen: 19.11 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Tgt Ion: 97 Resp: 24650

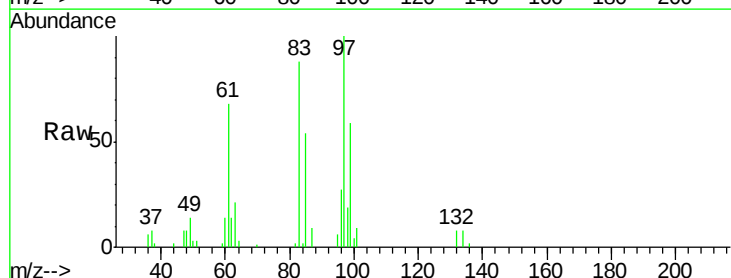
Ion Ratio Lower Upper

97 100

83 87.8 70.7 106.1

85 54.0 45.1 67.7

99 58.8 48.2 72.4

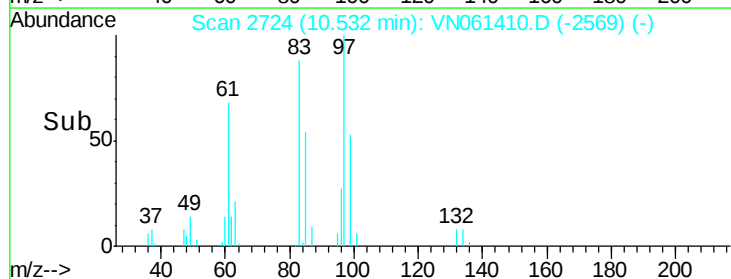
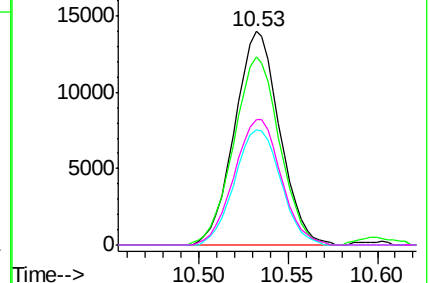


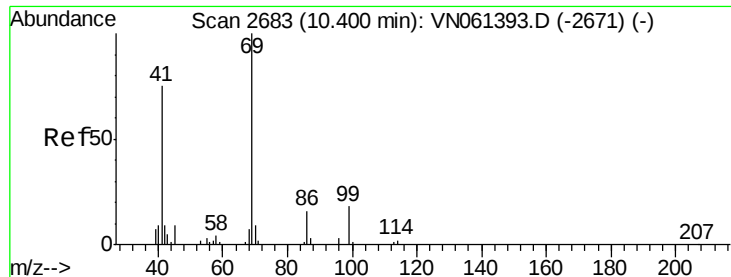
Abundance Ion 97.00 (96.70 to 97.70): VN061410.D (-2569) (-)

Ion 82.95 (82.65 to 83.65): VN061410.D (-2569) (-)

Ion 84.95 (84.65 to 85.65): VN061410.D (-2569) (-)

Ion 98.95 (98.65 to 99.65): VN061410.D (-2569) (-)





#51

Ethyl methacrylate

Concen: 18.52 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

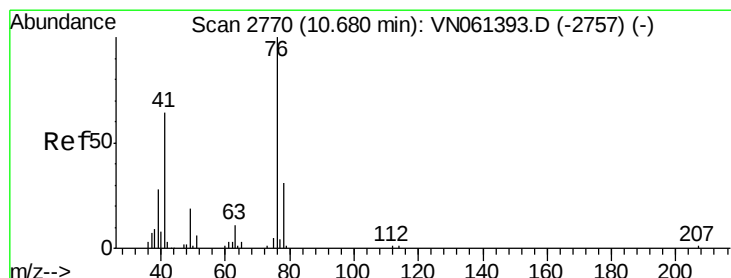
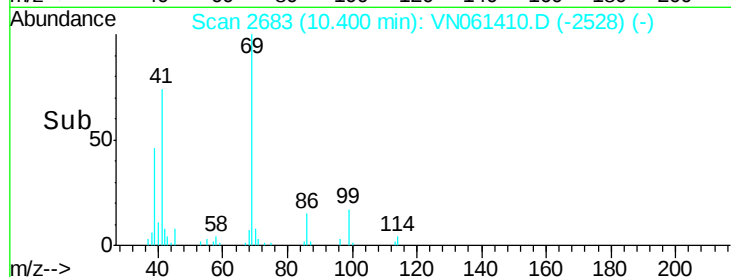
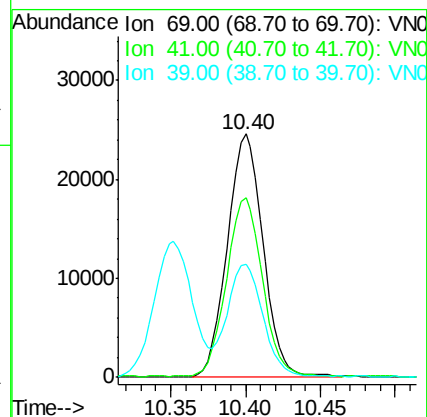
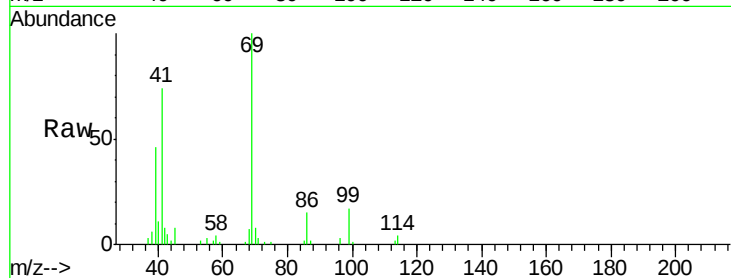
Tgt Ion: 69 Resp: 41153

Ion Ratio Lower Upper

69 100

41 73.8 34.7 104.1

39 45.8 20.3 60.8



#52

1,3-Dichloropropane

Concen: 19.24 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN061410.D

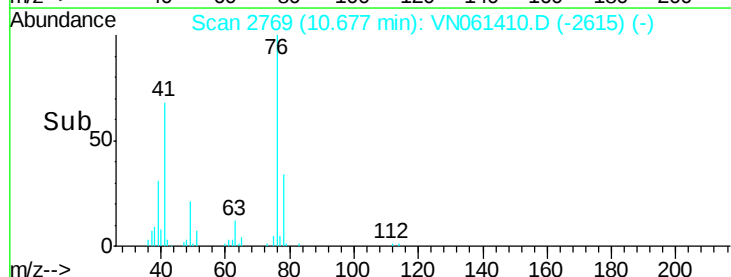
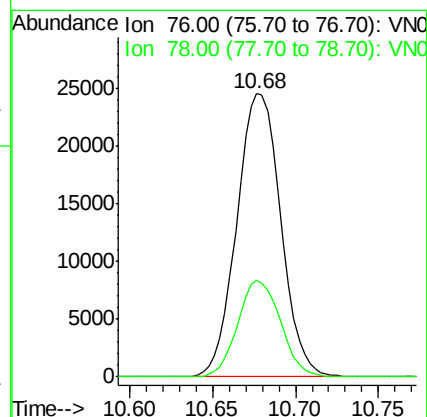
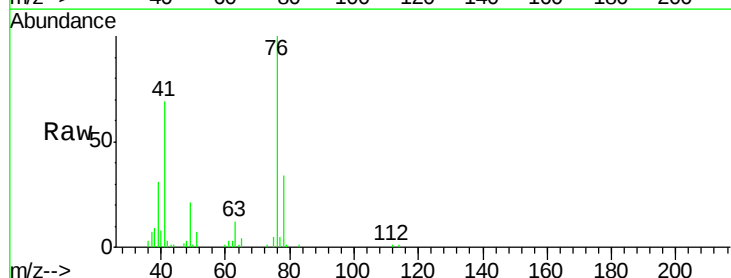
Acq: 15 May 2020 14:31

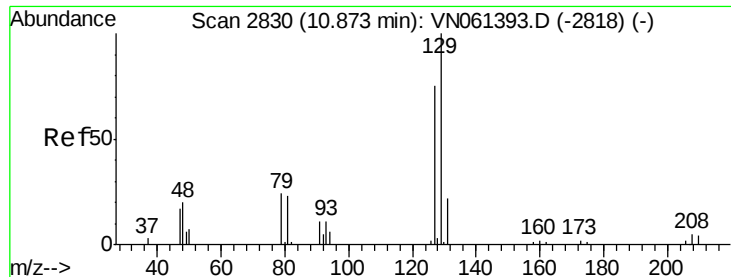
Tgt Ion: 76 Resp: 45325

Ion Ratio Lower Upper

76 100

78 33.1 0.0 63.2

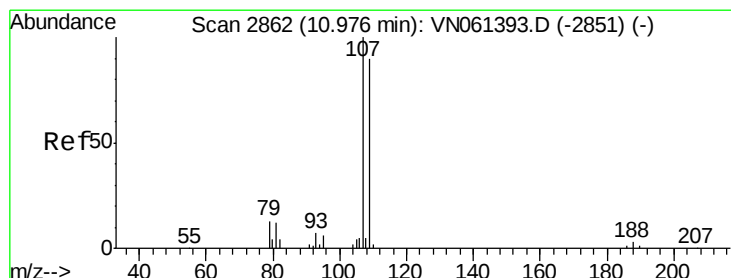
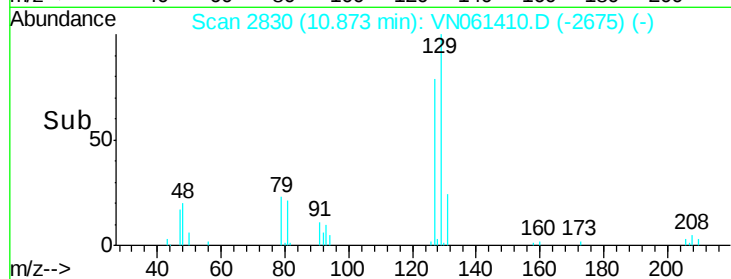
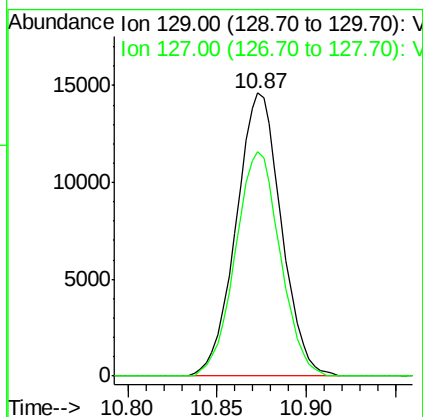
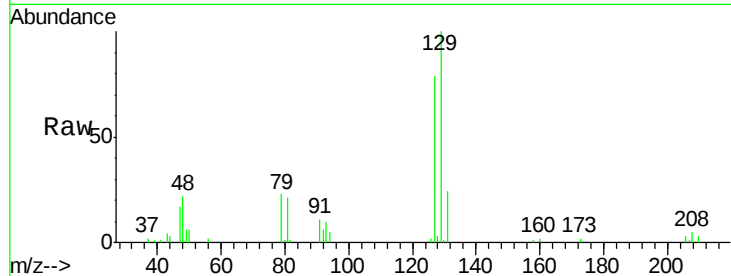




#53
 Dibromochloromethane
 Concen: 18.31 ug/l
 RT: 10.87 min Scan# 2830
 Delta R.T. -0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

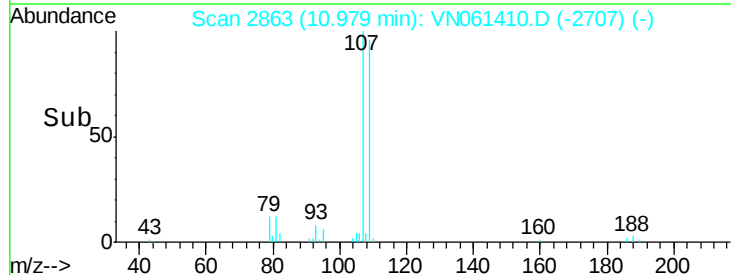
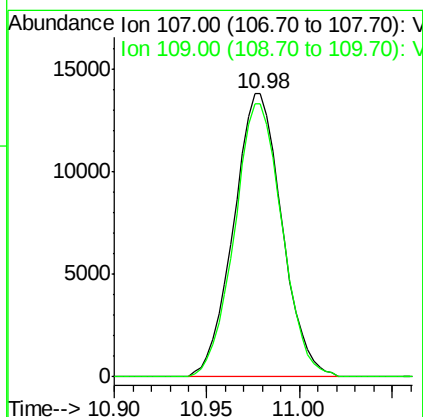
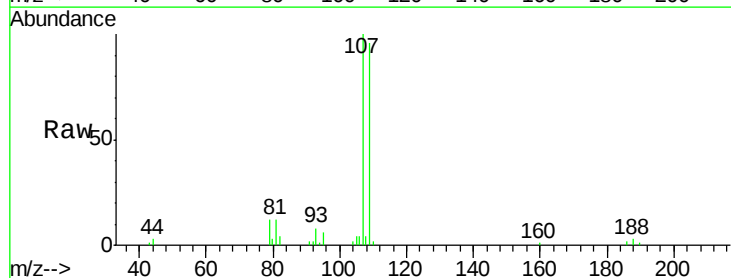
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

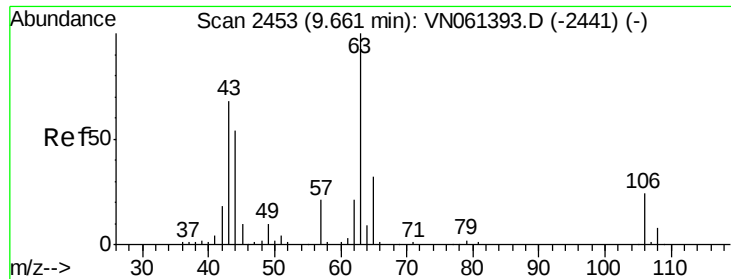
Tgt Ion:129 Resp: 25879
 Ion Ratio Lower Upper
 129 100
 127 78.6 39.1 117.5



#54
 1,2-Dibromoethane
 Concen: 18.79 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

Tgt Ion:107 Resp: 25004
 Ion Ratio Lower Upper
 107 100
 109 95.3 76.2 114.4

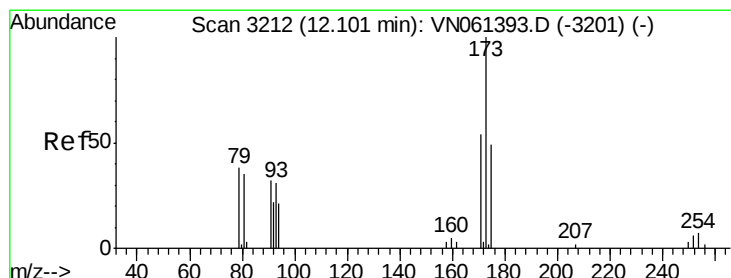
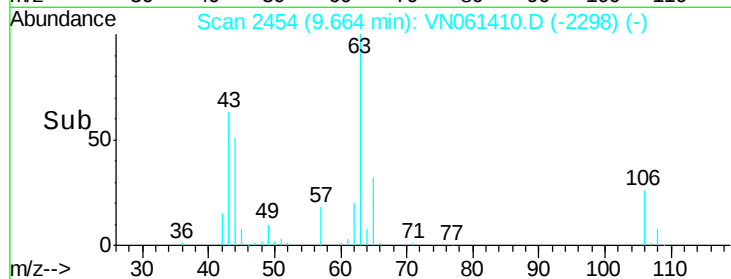
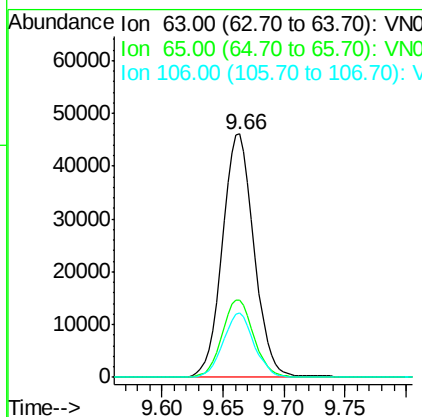
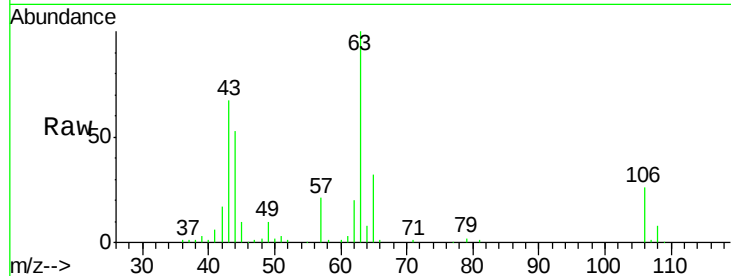




#55
2-Chloroethyl vinyl ether
Concen: 85.43 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VN061410.D
Acq: 15 May 2020 14:31

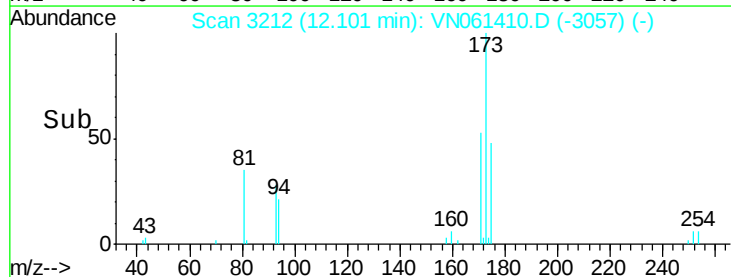
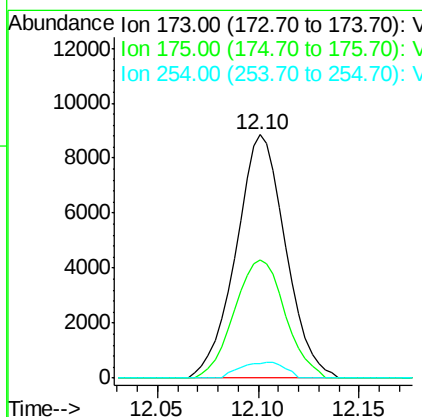
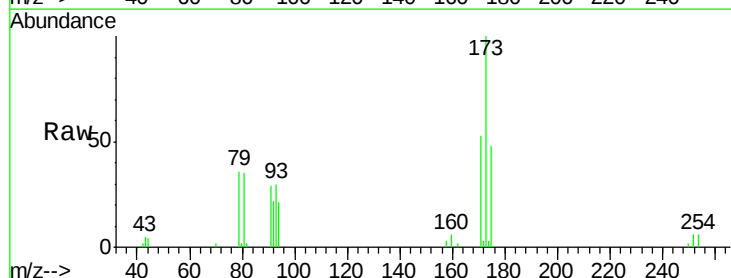
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

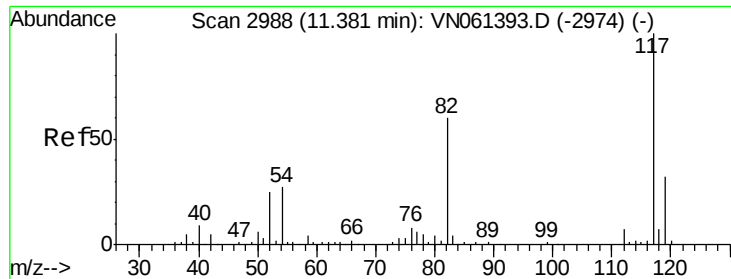
Tgt Ion: 63 Resp: 84017
Ion Ratio Lower Upper
63 100
65 31.7 25.3 37.9
106 25.6 19.8 29.6



#56
Bromoform
Concen: 17.11 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN061410.D
Acq: 15 May 2020 14:31

Tgt Ion: 173 Resp: 15211
Ion Ratio Lower Upper
173 100
175 49.8 38.7 58.1
254 5.9 7.4 11.2#

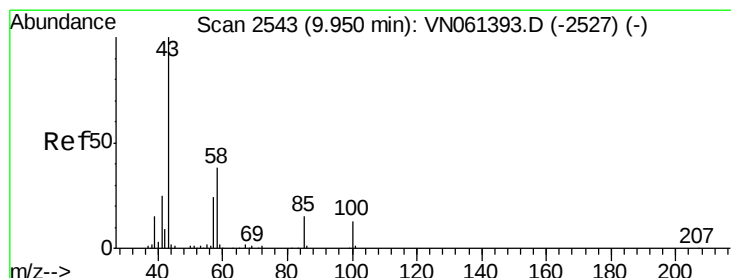
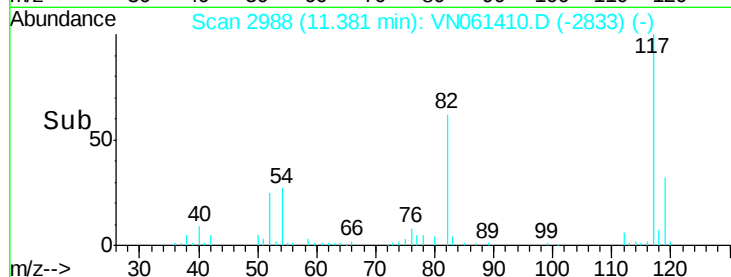
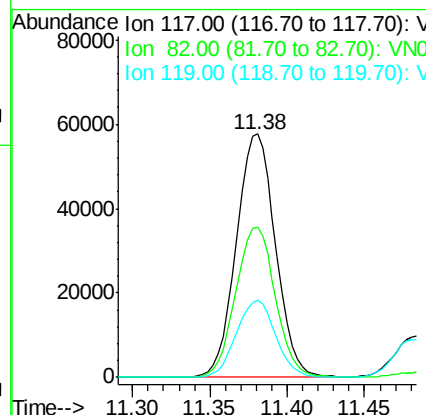
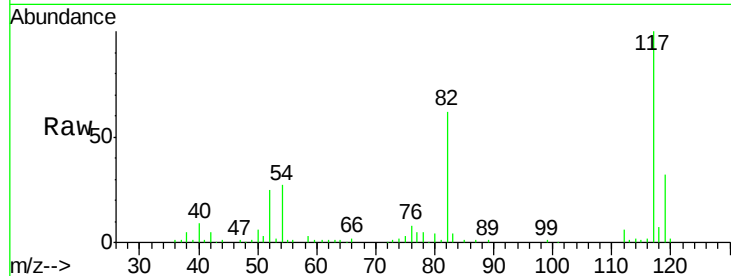




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061410.D
Acq: 15 May 2020 14:31

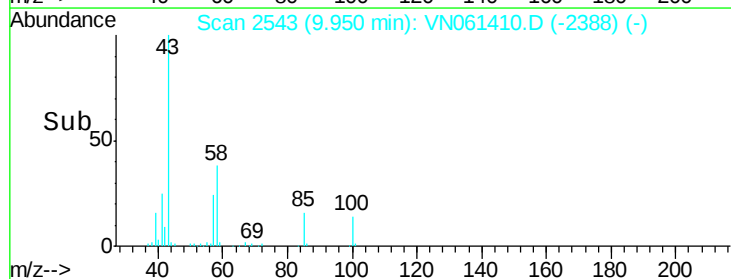
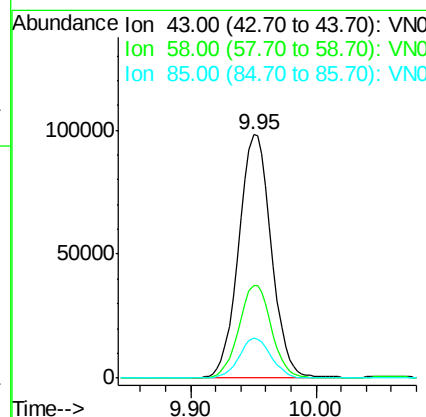
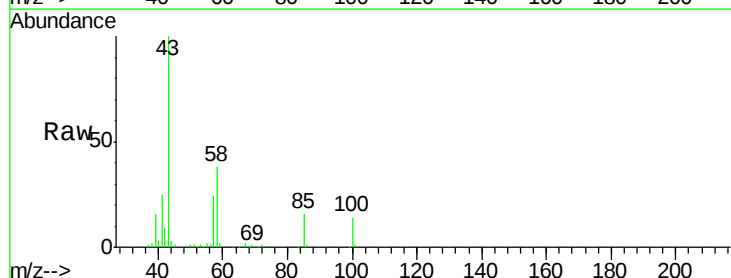
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

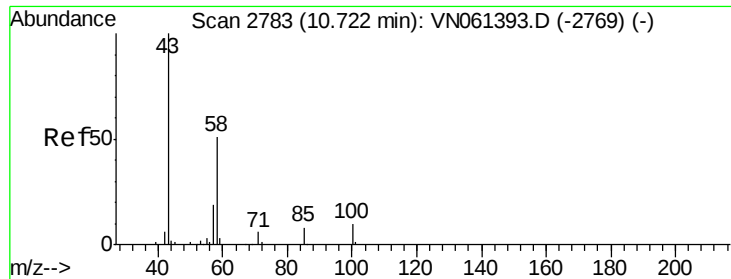
Tgt Ion: 117 Resp: 101247
Ion Ratio Lower Upper
117 100
82 62.6 46.9 70.3
119 31.6 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 95.77 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN061410.D
Acq: 15 May 2020 14:31

Tgt Ion: 43 Resp: 176689
Ion Ratio Lower Upper
43 100
58 38.3 30.1 45.1
85 16.1 13.2 19.8

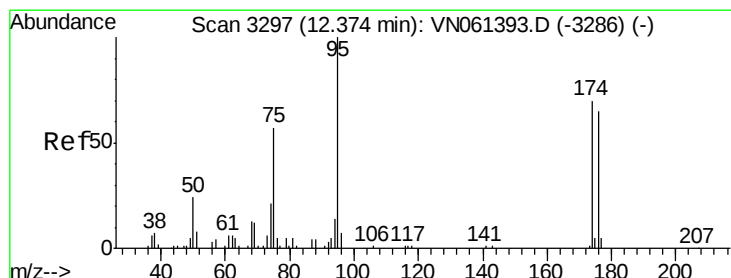
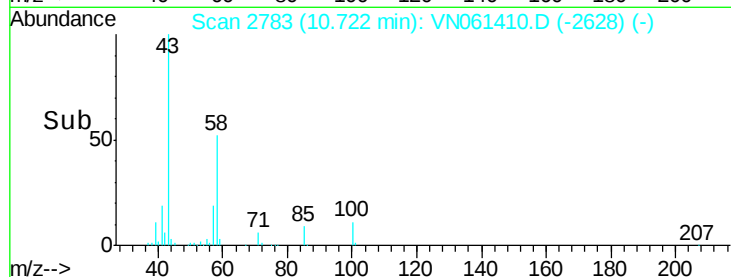
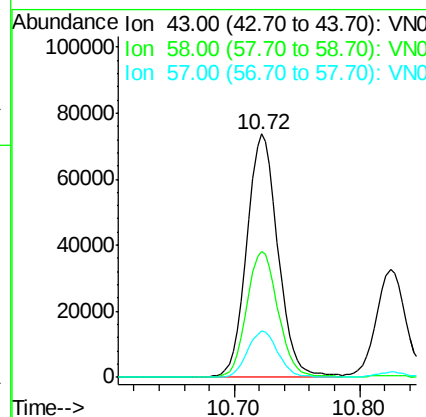
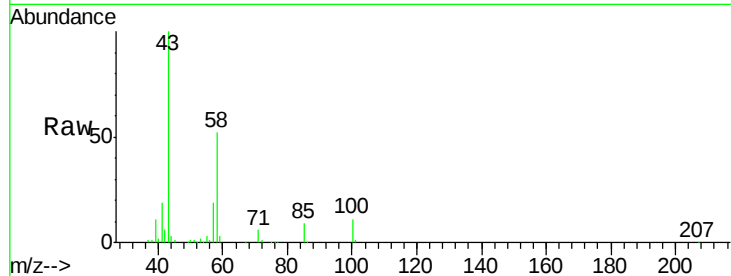




#59
2-Hexanone
Concen: 97.50 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061410.D
Acq: 15 May 2020 14:31

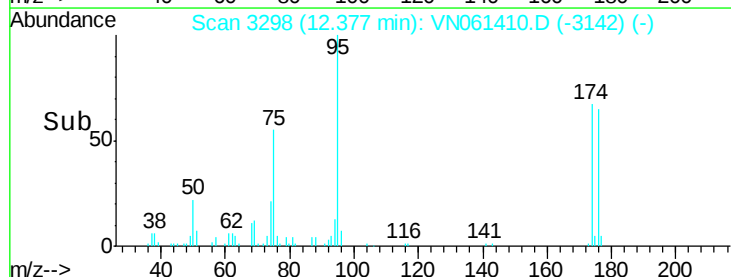
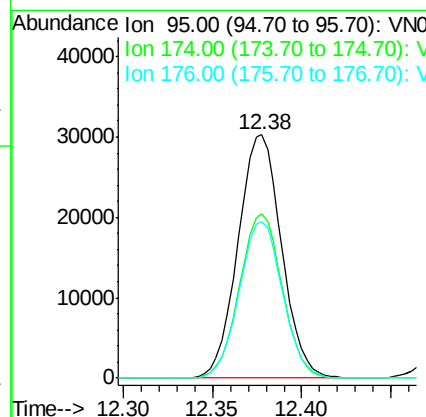
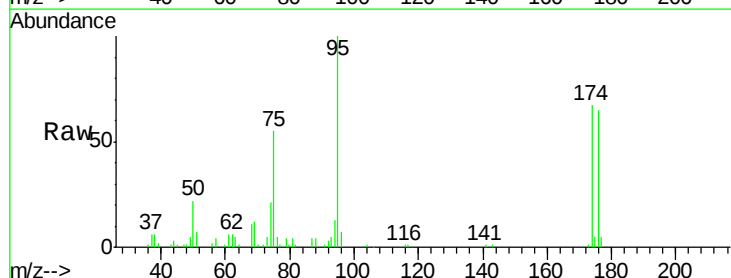
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

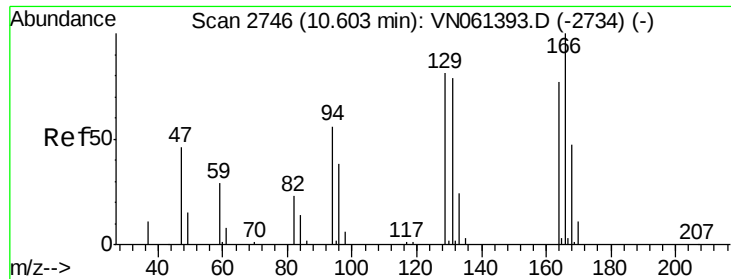
Tgt Ion: 43 Resp: 127246
Ion Ratio Lower Upper
43 100
58 51.9 41.4 62.0
57 18.8 14.7 22.1



#60
4-Bromofluorobenzene
Concen: 29.87 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061410.D
Acq: 15 May 2020 14:31

Tgt Ion: 95 Resp: 51630
Ion Ratio Lower Upper
95 100
174 66.1 59.9 89.9
176 64.0 58.3 87.5





#61

Tetrachloroethene

Concen: 19.38 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:164 Resp: 24541

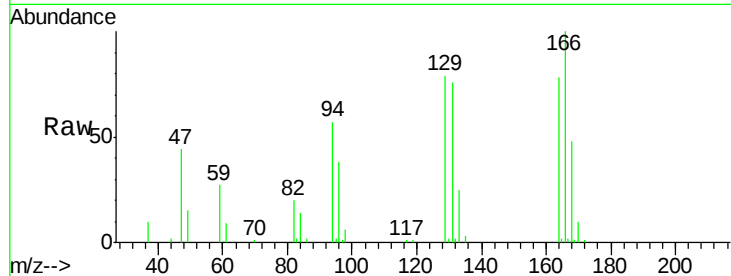
Ion Ratio Lower Upper

164 100

166 127.6 101.4 152.2

129 100.5 78.1 117.1

131 96.8 73.2 109.8

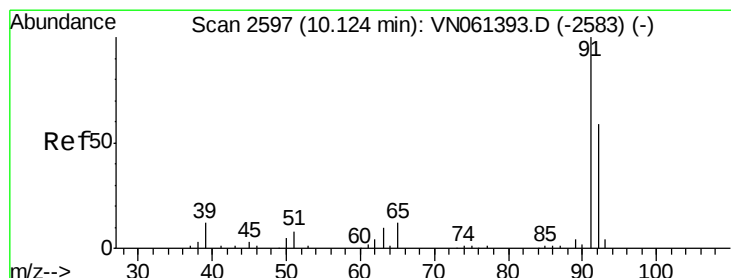
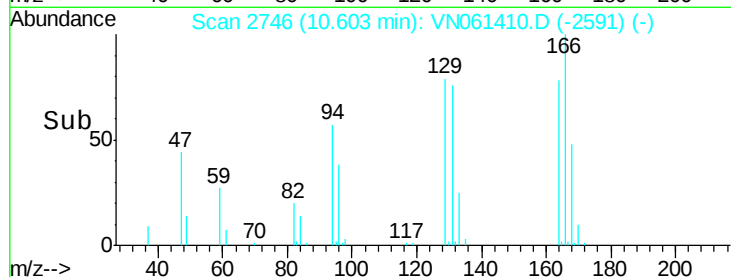
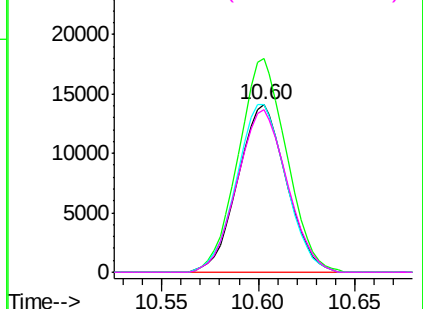


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.22 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061410.D

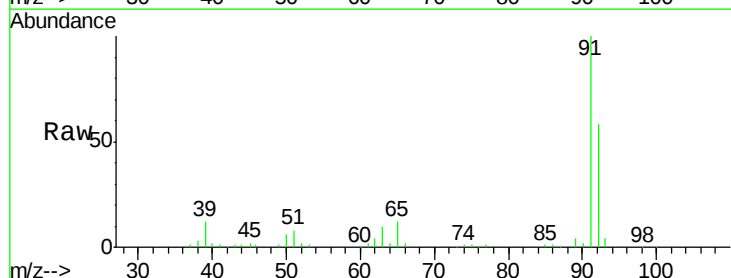
Acq: 15 May 2020 14:31

Tgt Ion: 91 Resp: 112843

Ion Ratio Lower Upper

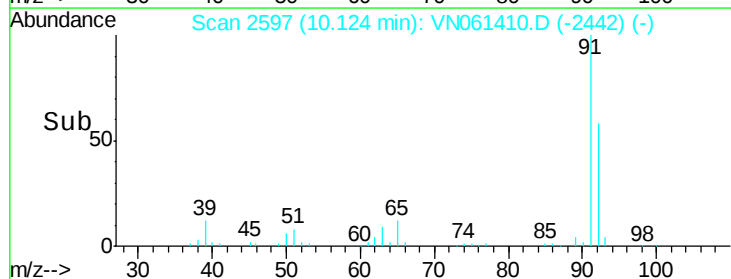
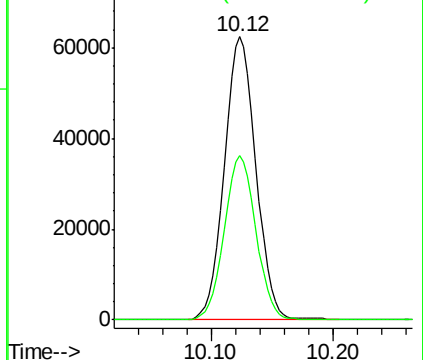
91 100

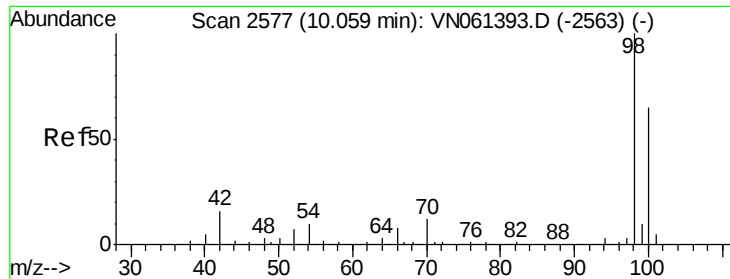
92 58.3 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 30.23 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

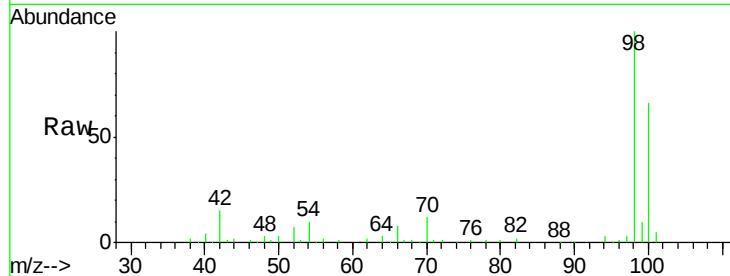
VSTDCCC020

Tgt Ion: 98 Resp: 141699

Ion Ratio Lower Upper

98 100

100 65.0 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN061393.D (-2563) (-)

Ion 100.00 (99.70 to 100.70): VN061410.D (-2422) (-)

10.06

80000

60000

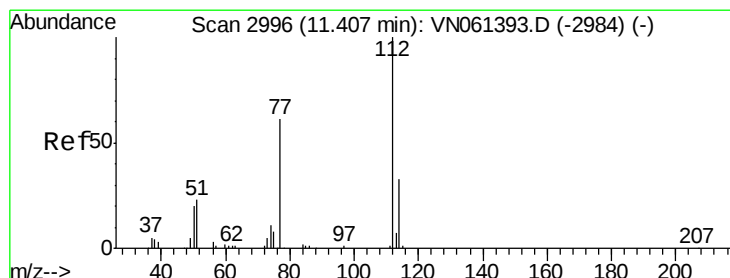
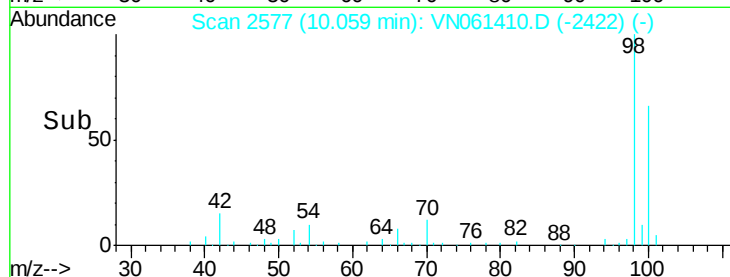
40000

20000

0

10.00 10.10

Time-->



#64

Chlorobenzene

Concen: 19.28 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN061410.D

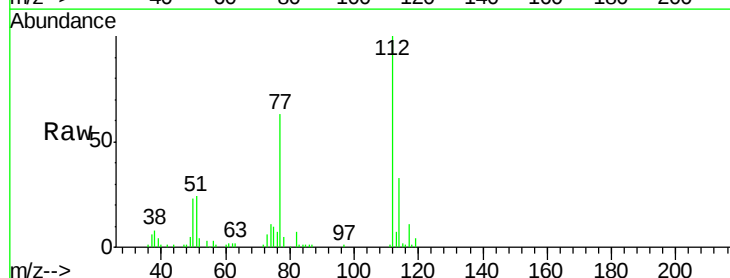
Acq: 15 May 2020 14:31

Tgt Ion: 112 Resp: 66982

Ion Ratio Lower Upper

112 100

114 32.9 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): VN061393.D (-2984) (-)

Ion 114.00 (113.70 to 114.70): VN061410.D (-2841) (-)

11.41

40000

30000

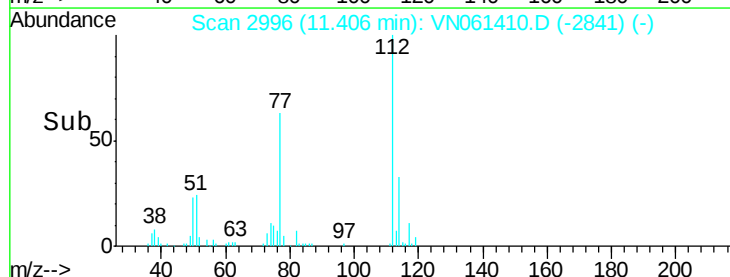
20000

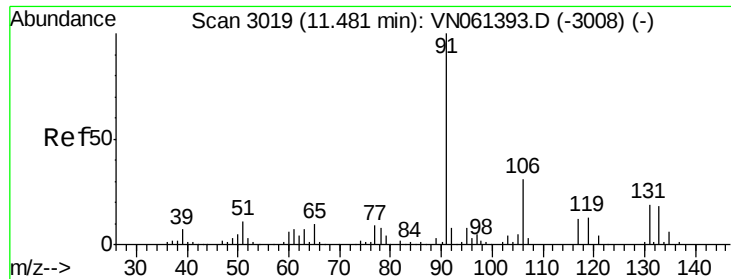
10000

0

11.35 11.40 11.45

Time-->

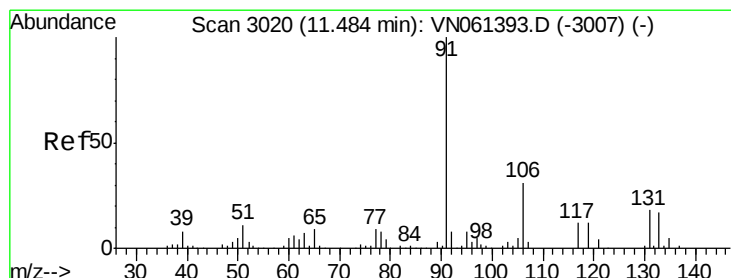
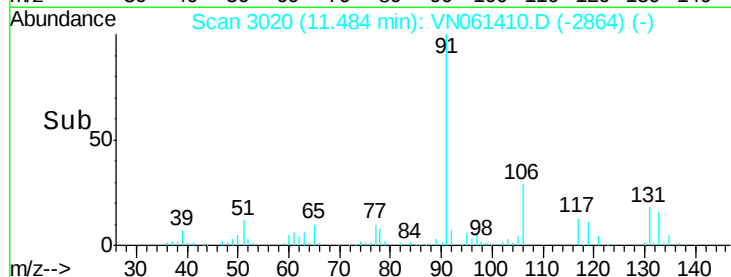
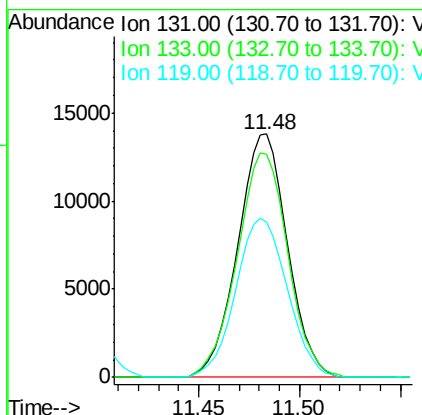
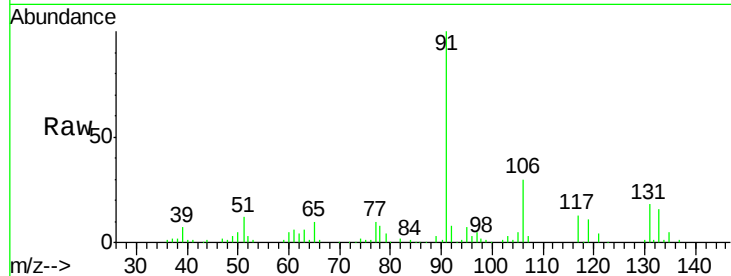




#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.73 ug/l
 RT: 11.48 min Scan# 3020
 Delta R.T. 0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

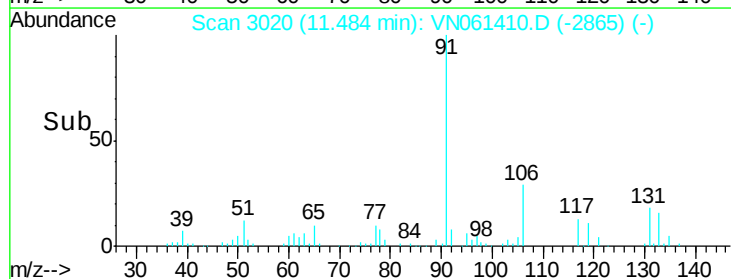
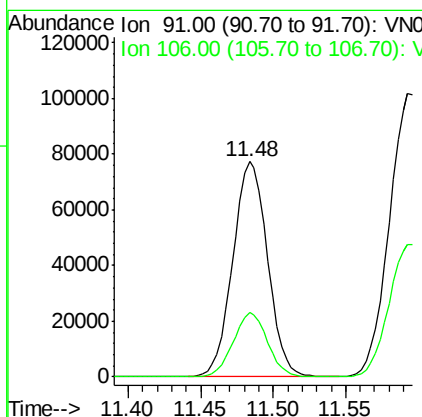
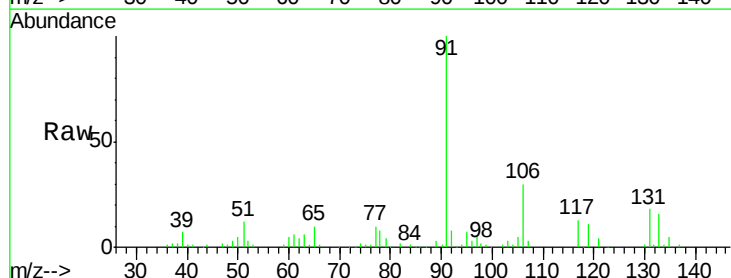
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

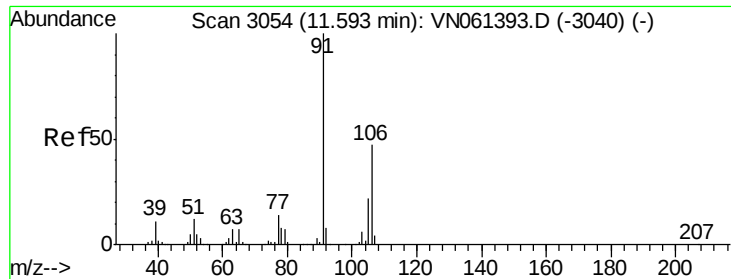
Tgt Ion: 131 Resp: 23780
 Ion Ratio Lower Upper
 131 100
 133 94.2 0.0 194.0
 119 68.0 0.0 136.8



#66
 Ethyl Benzene
 Concen: 19.07 ug/l
 RT: 11.48 min Scan# 3020
 Delta R.T. -0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

Tgt Ion: 91 Resp: 128477
 Ion Ratio Lower Upper
 91 100
 106 29.8 24.2 36.4





#67

m/p-Xylenes

Concen: 37.95 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

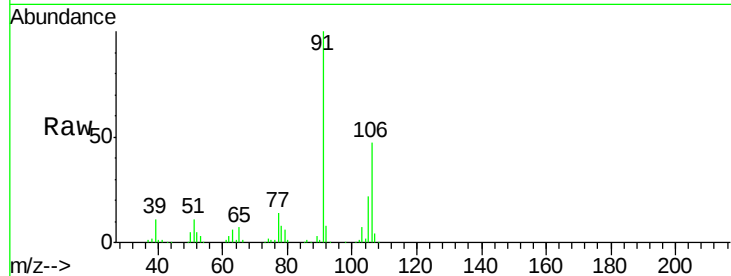
VSTDCCC020

Tgt Ion:106 Resp: 94415

Ion Ratio Lower Upper

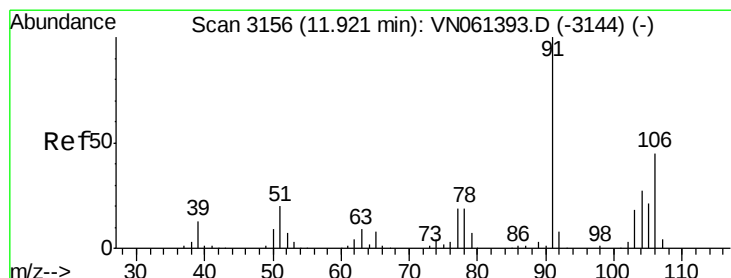
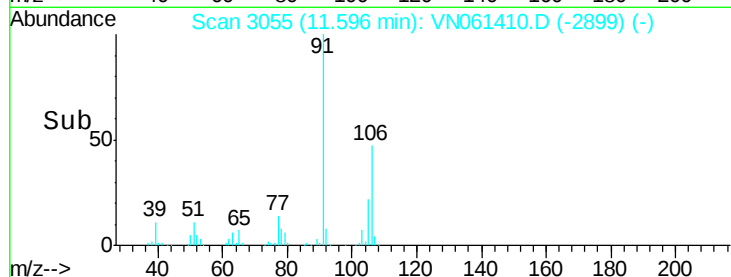
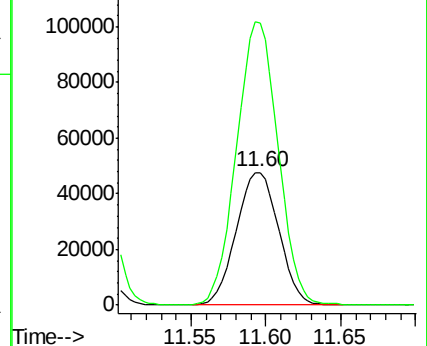
106 100

91 207.6 165.6 248.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 19.29 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VN061410.D

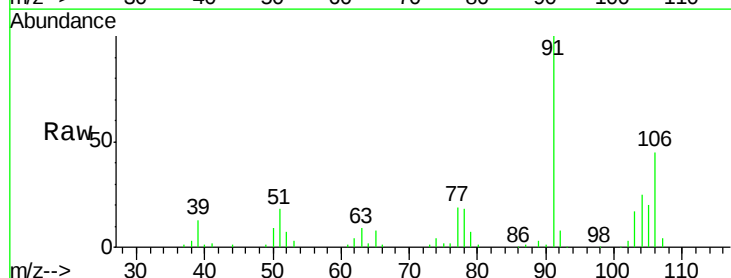
Acq: 15 May 2020 14:31

Tgt Ion:106 Resp: 45802

Ion Ratio Lower Upper

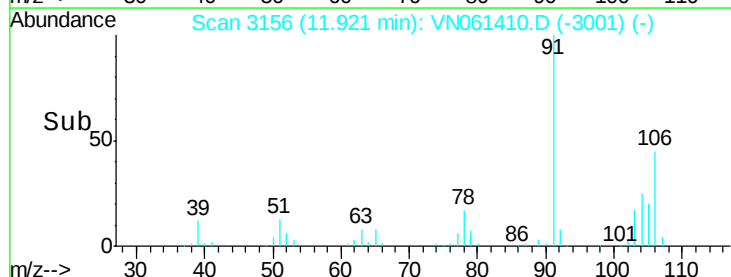
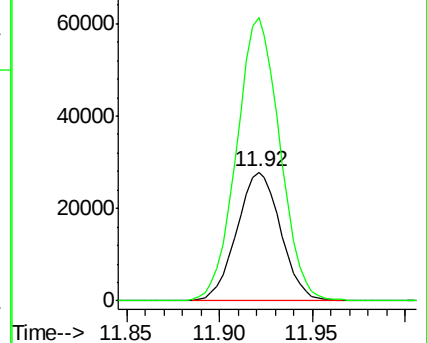
106 100

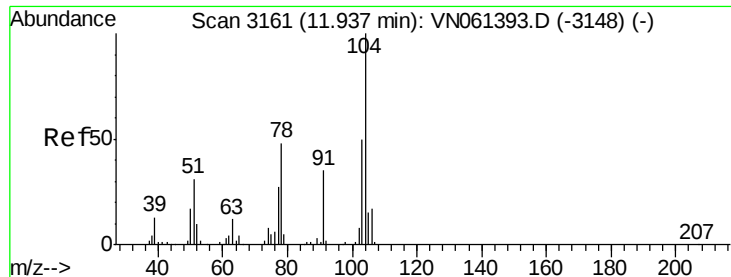
91 217.6 109.8 329.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#69

Styrene

Concen: 18.49 ug/l

RT: 11.94 min Scan# 3161

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC020

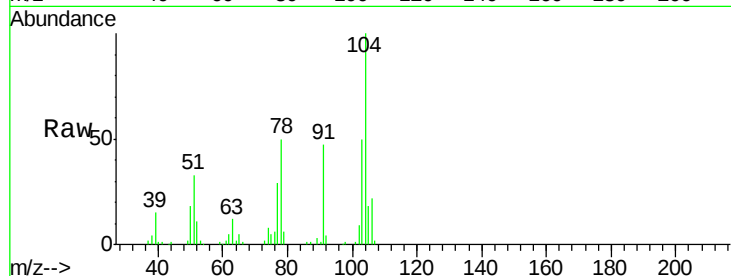
Tgt Ion:104 Resp: 75544

Ion Ratio Lower Upper

104 100

78 54.9 42.4 63.6

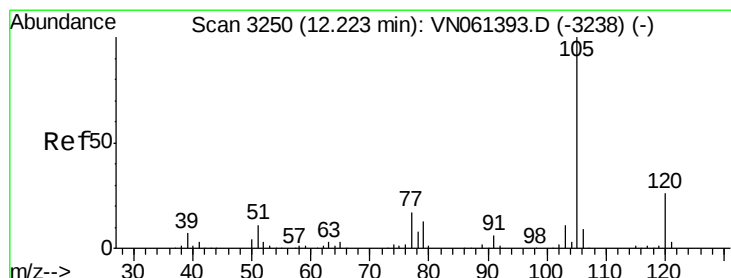
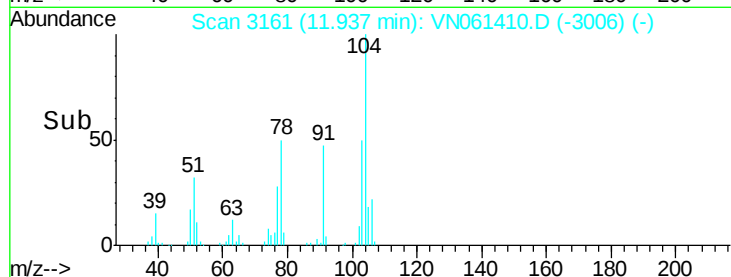
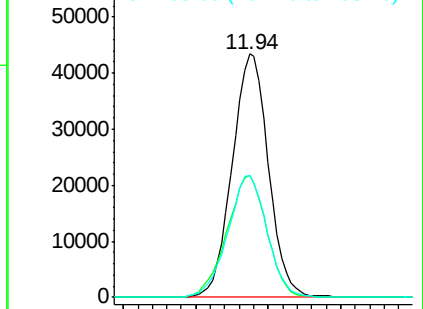
103 54.2 44.6 66.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 18.91 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061410.D

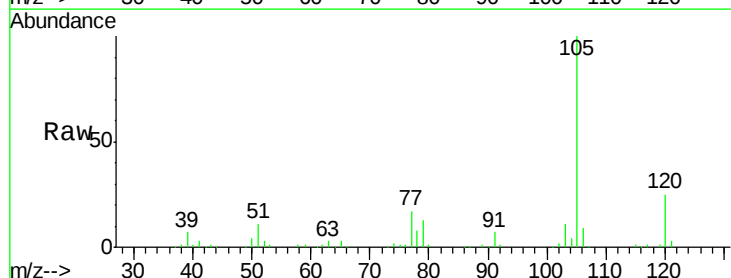
Acq: 15 May 2020 14:31

Tgt Ion:105 Resp: 121676

Ion Ratio Lower Upper

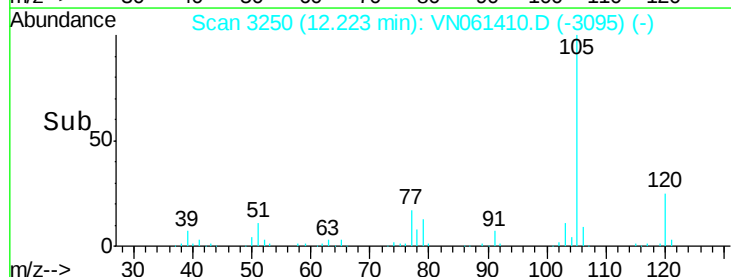
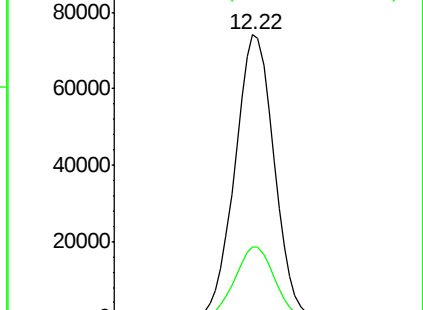
105 100

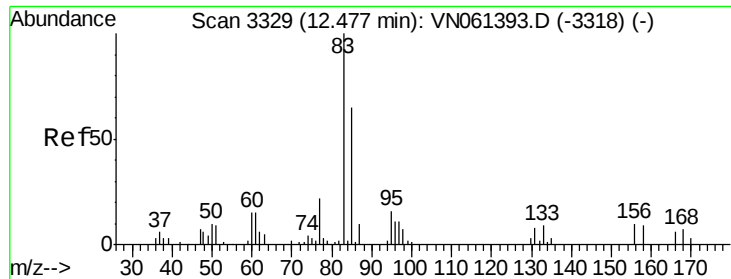
120 25.4 18.4 34.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

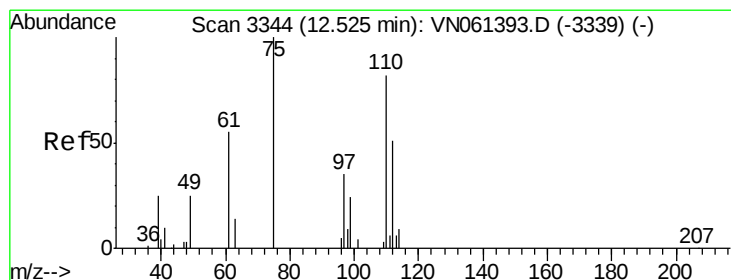
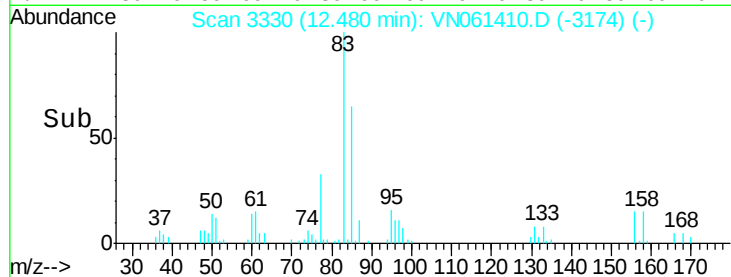
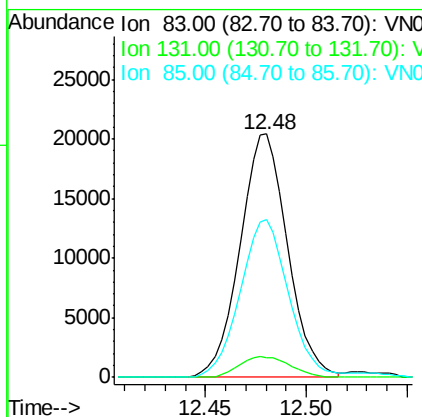
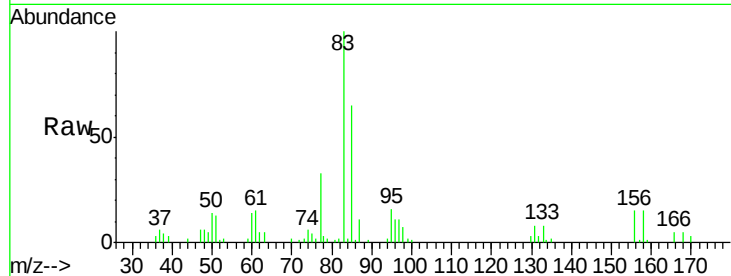




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.95 ug/l
 RT: 12.48 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

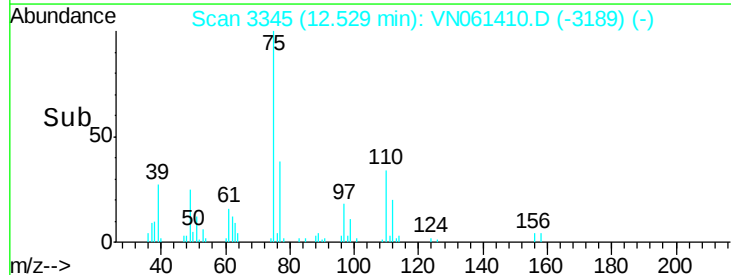
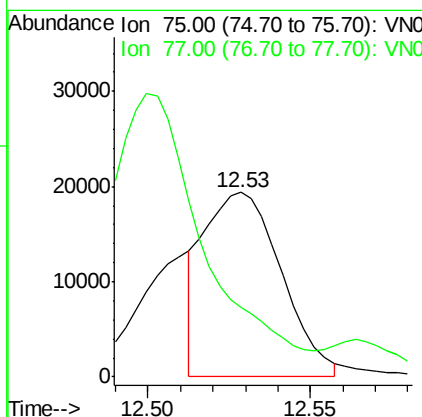
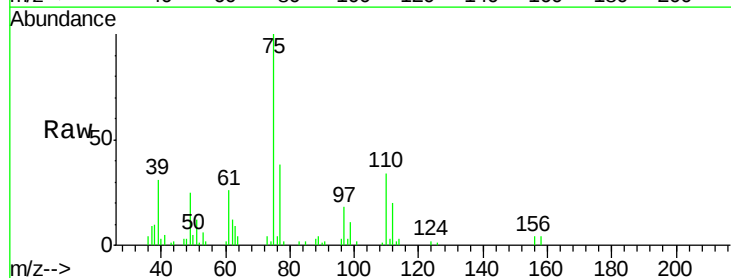
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC020

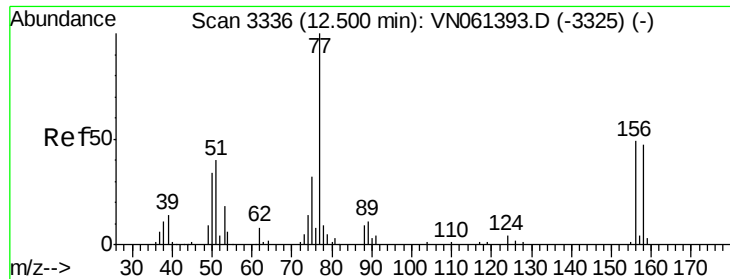
Tgt Ion: 83 Resp: 33684
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.9 14.7
 85 65.9 31.6 94.7



#72
 1,2,3-Trichloropropane
 Concen: 18.88 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. 0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

Tgt Ion: 75 Resp: 32011
 Ion Ratio Lower Upper
 75 100
 77 195.3 0.0 359.4





#73

Bromobenzene

Concen: 18.51 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

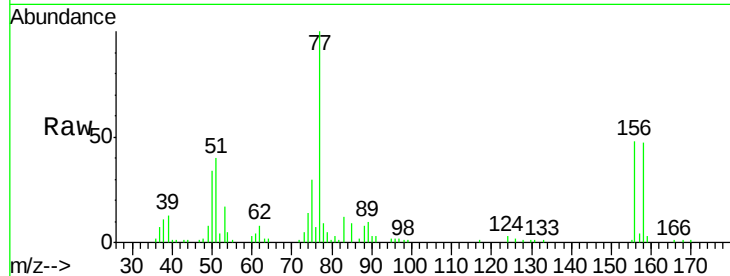
Tgt Ion:156 Resp: 24730

Ion Ratio Lower Upper

156 100

77 252.8 0.0 456.0

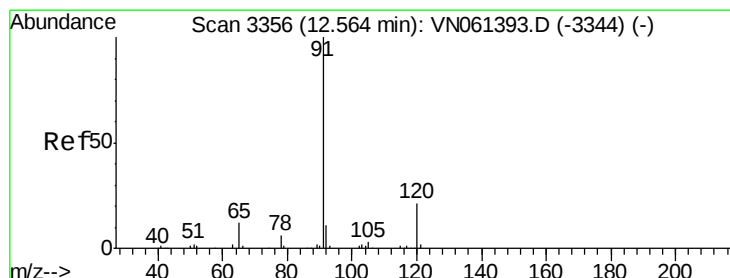
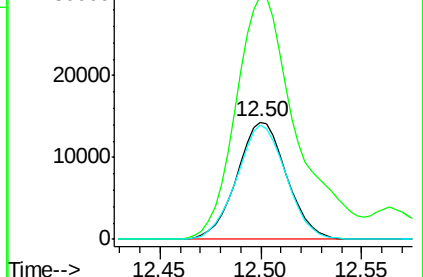
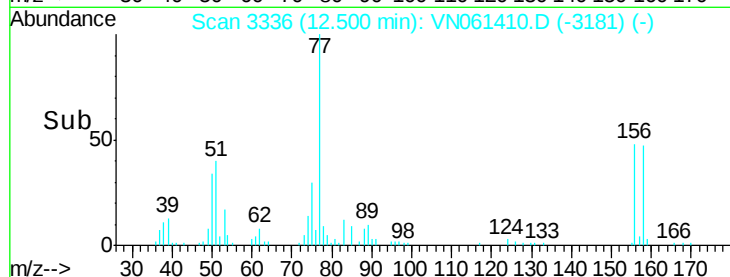
158 96.6 0.0 195.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.89 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061410.D

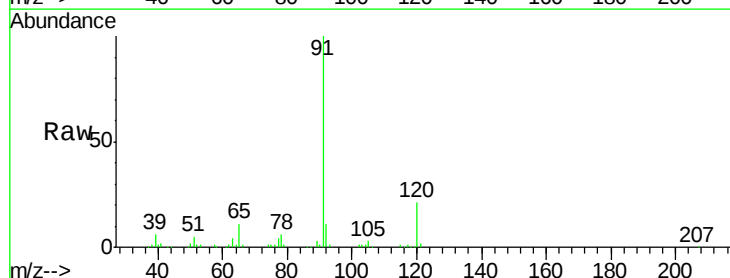
Acq: 15 May 2020 14:31

Tgt Ion: 91 Resp: 144488

Ion Ratio Lower Upper

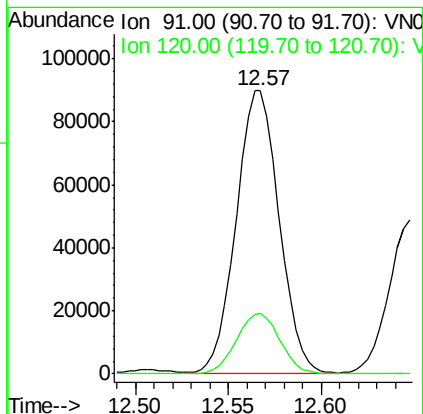
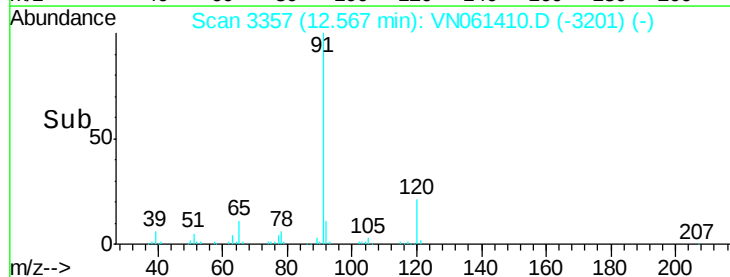
91 100

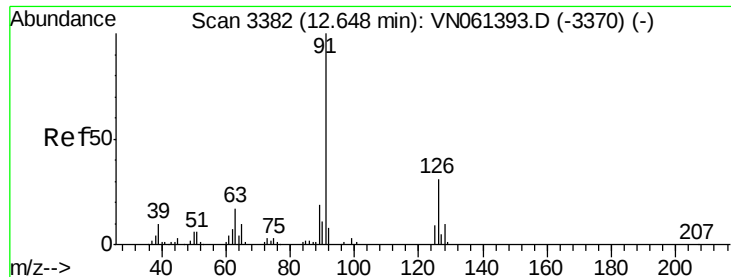
120 21.6 0.0 43.6



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.00 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

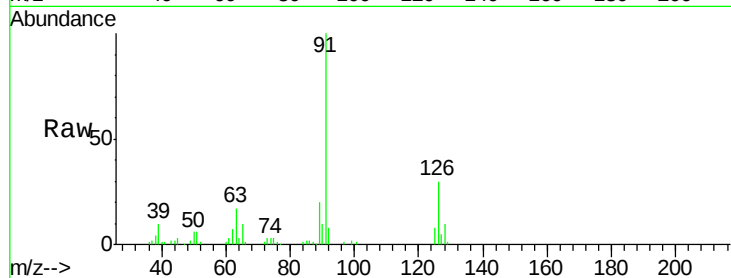
VSTDCCC020

Tgt Ion: 91 Resp: 83365

Ion Ratio Lower Upper

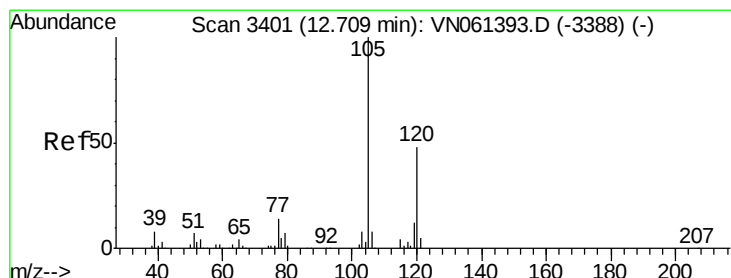
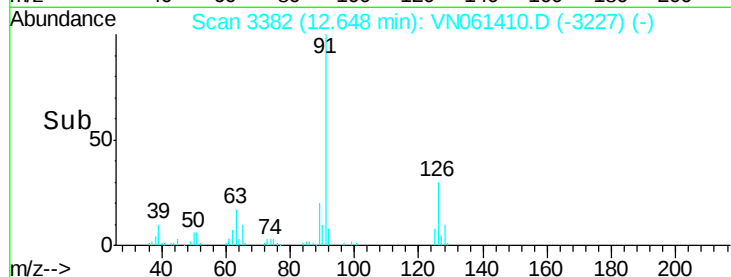
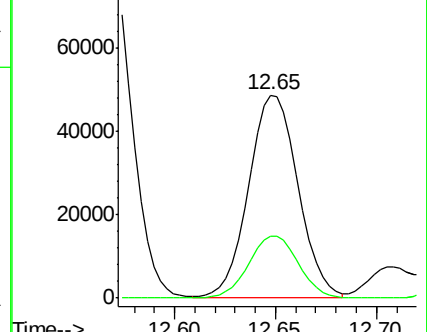
91 100

126 30.9 0.0 65.4



Abundance Ion 91.00 (90.70 to 91.70): VN061393.D (-3370) (-)

Ion 126.00 (125.70 to 126.70): VN061393.D (-3370) (-)



#76

1,3,5-Trimethylbenzene

Concen: 18.80 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061410.D

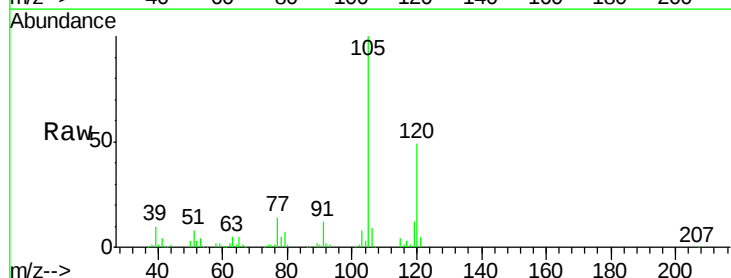
Acq: 15 May 2020 14:31

Tgt Ion: 105 Resp: 101509

Ion Ratio Lower Upper

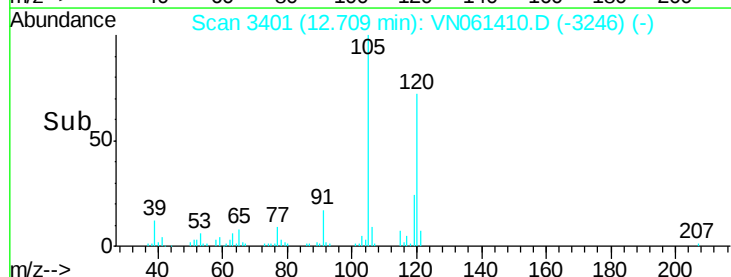
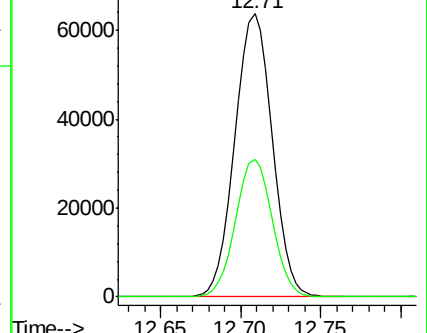
105 100

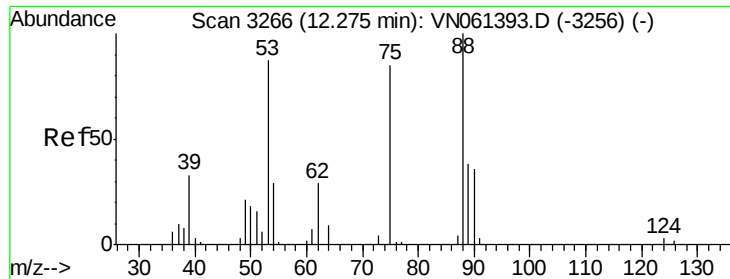
120 47.7 0.0 94.0



Abundance Ion 105.00 (104.70 to 105.70): VN061393.D (-3388) (-)

Ion 120.00 (119.70 to 120.70): VN061393.D (-3388) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 17.95 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

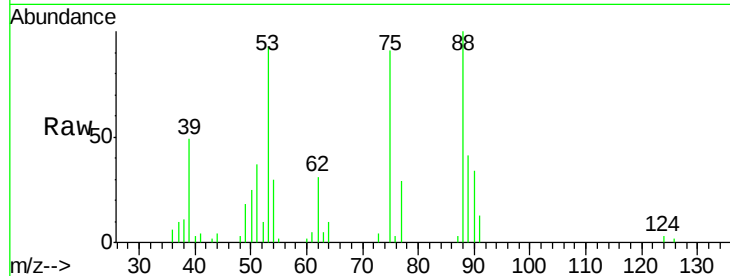
Tgt Ion: 75 Resp: 12662

Ion Ratio Lower Upper

75 100

53 102.9 50.0 150.0

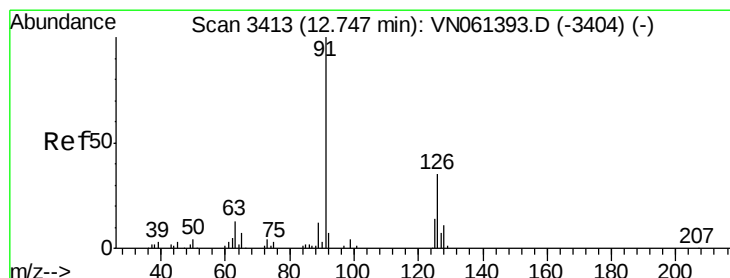
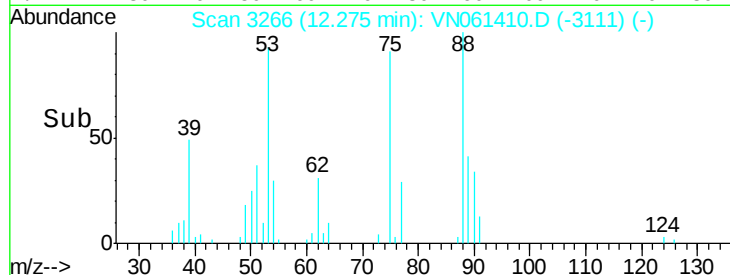
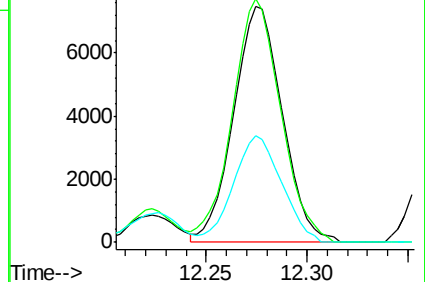
89 44.9 20.7 62.1



Abundance Ion 75.00 (74.70 to 75.70): VN061393.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN061393.D (-3256) (-)

Ion 89.00 (88.70 to 89.70): VN061393.D (-3256) (-)



#78

4-Chlorotoluene

Concen: 18.73 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061410.D

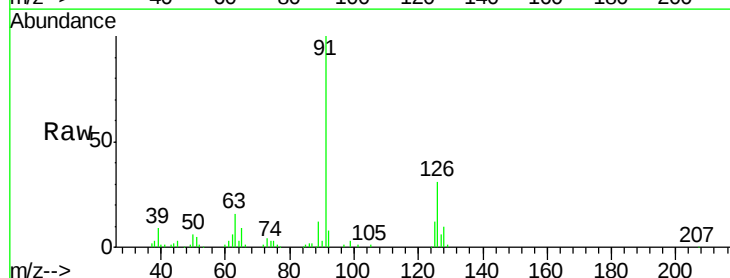
Acq: 15 May 2020 14:31

Tgt Ion: 91 Resp: 86039

Ion Ratio Lower Upper

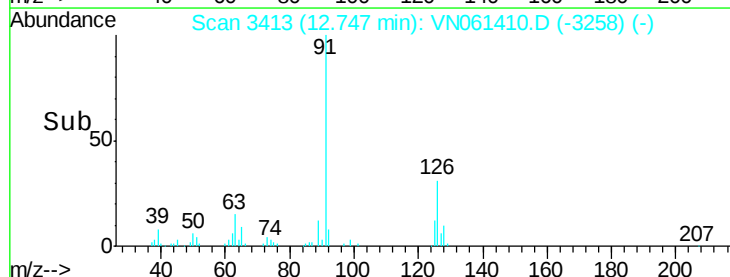
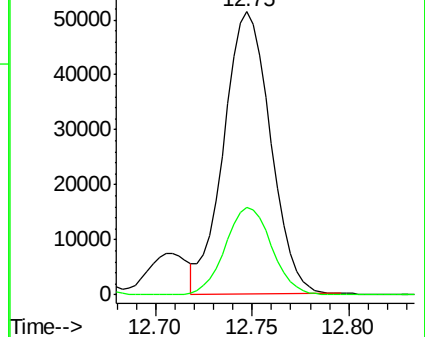
91 100

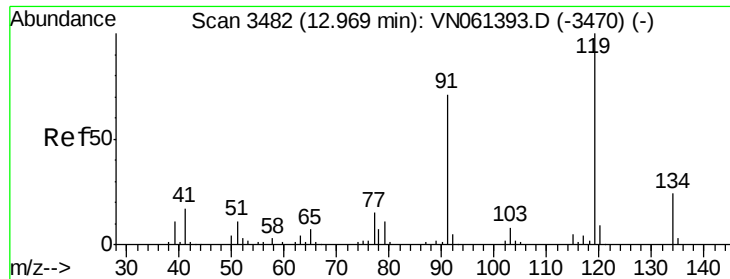
126 30.9 0.0 63.4



Abundance Ion 91.00 (90.70 to 91.70): VN061393.D (-3404) (-)

Ion 126.00 (125.70 to 126.70): VN061393.D (-3404) (-)

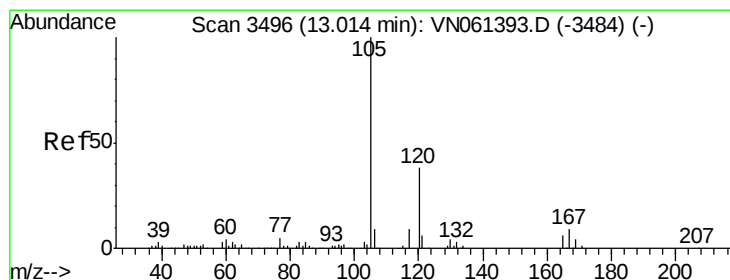
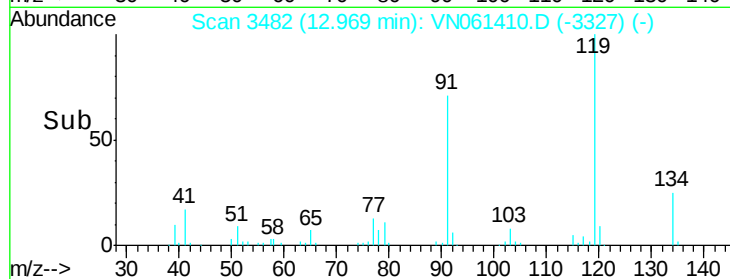
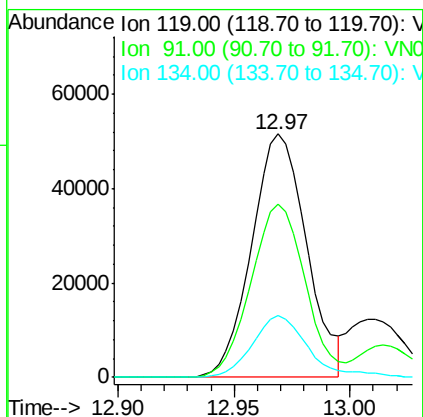
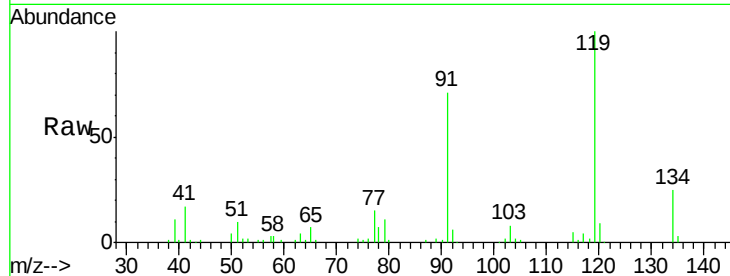




#79
tert-butylbenzene
Concen: 18.91 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN061410.D
Acq: 15 May 2020 14:31

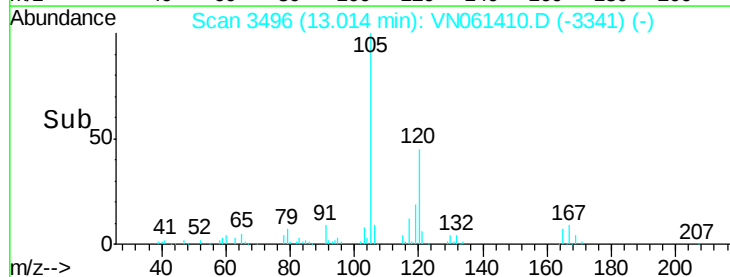
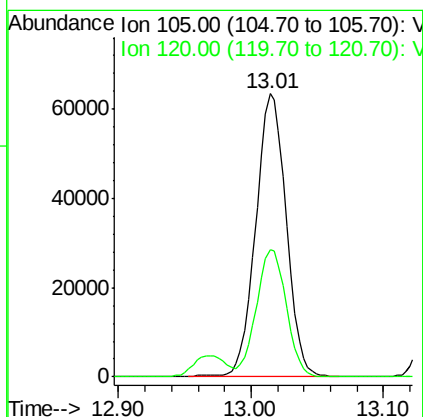
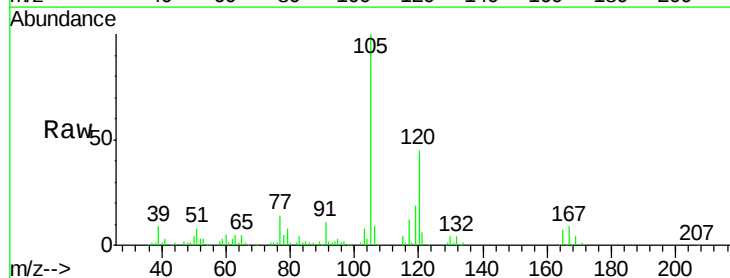
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

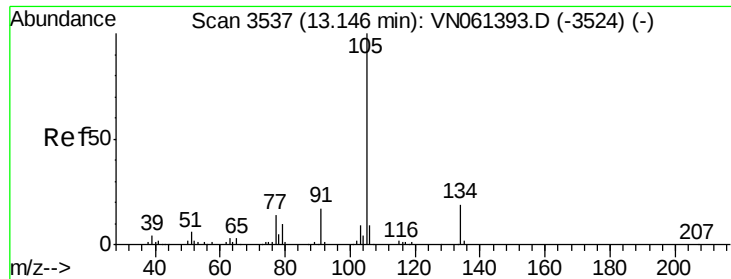
Tgt Ion:119 Resp: 84803
Ion Ratio Lower Upper
119 100
91 70.7 0.0 136.4
134 25.9 0.0 47.2



#80
1,2,4-Trimethylbenzene
Concen: 18.93 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061410.D
Acq: 15 May 2020 14:31

Tgt Ion:105 Resp: 102000
Ion Ratio Lower Upper
105 100
120 44.0 0.0 89.2





#81

sec-Butylbenzene

Concen: 19.11 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

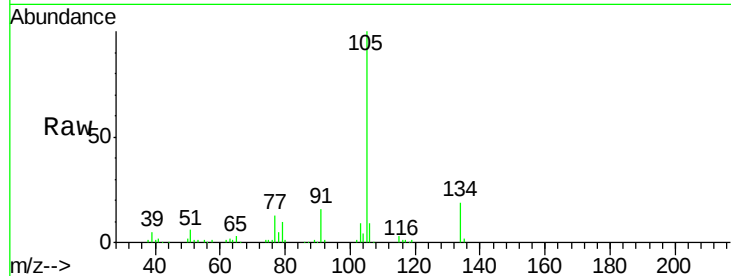
VSTDCCC020

Tgt Ion:105 Resp: 118095

Ion Ratio Lower Upper

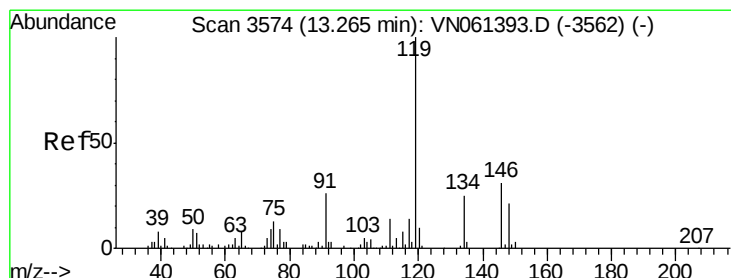
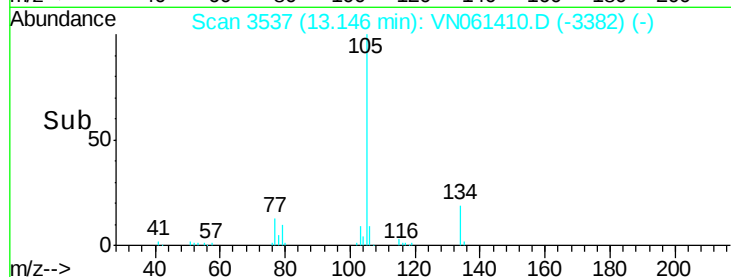
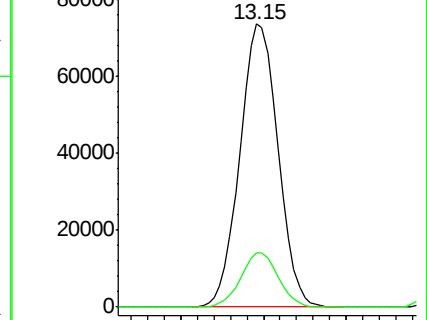
105 100

134 18.8 0.0 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.51 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061410.D

Acq: 15 May 2020 14:31

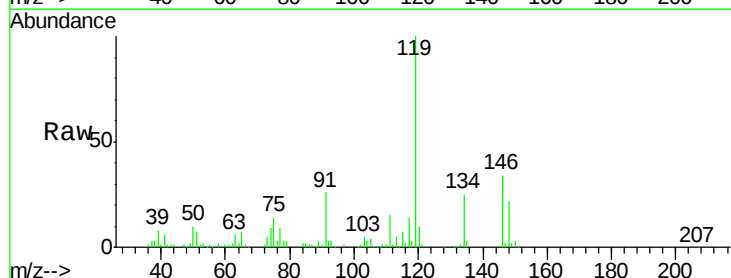
Tgt Ion:119 Resp: 102983

Ion Ratio Lower Upper

119 100

134 25.8 0.0 50.8

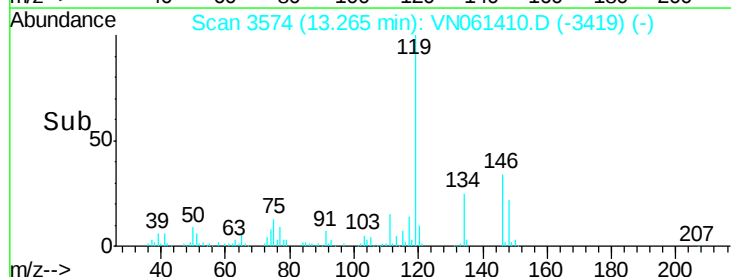
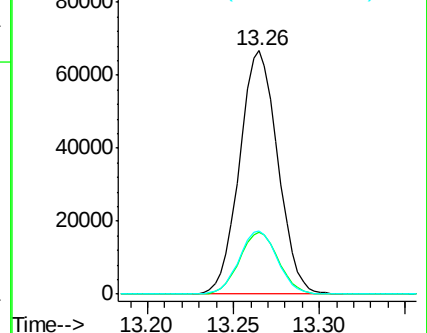
91 26.0 0.0 49.4

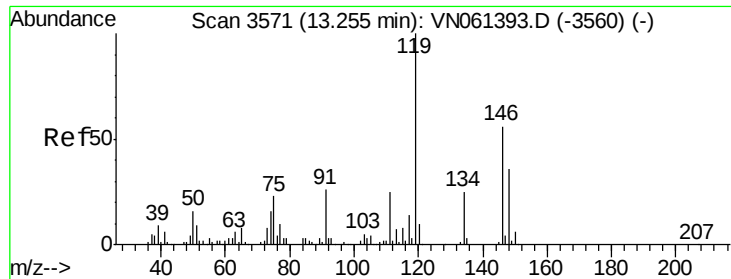


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

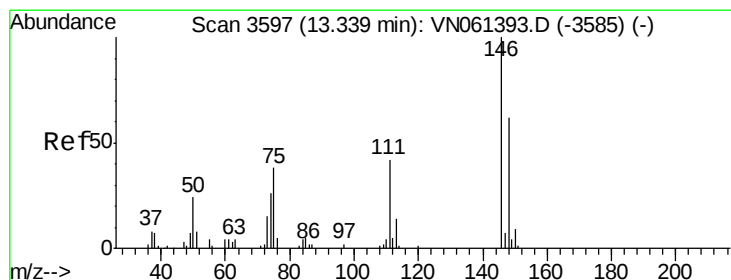
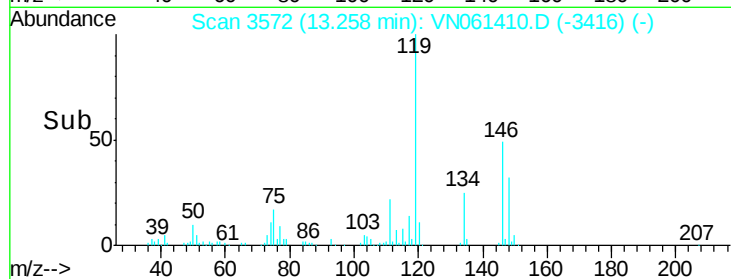
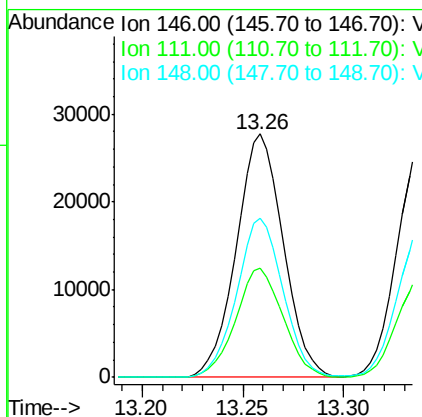
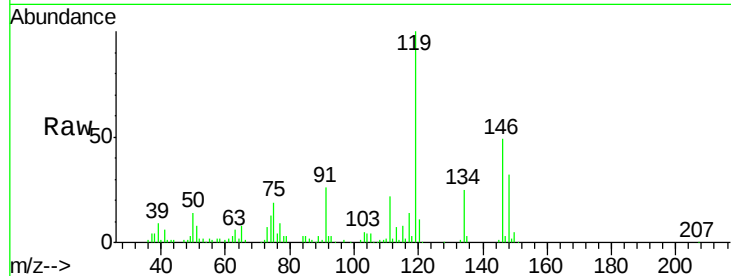




#83
 1,3-Dichlorobenzene
 Concen: 18.22 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

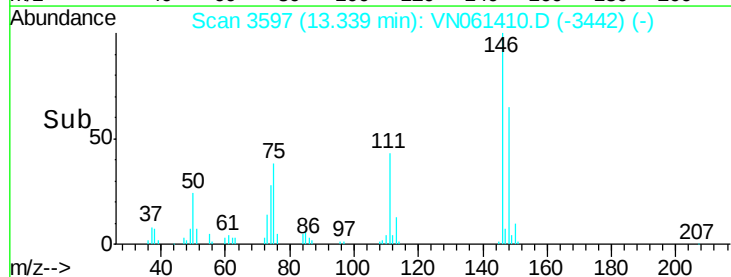
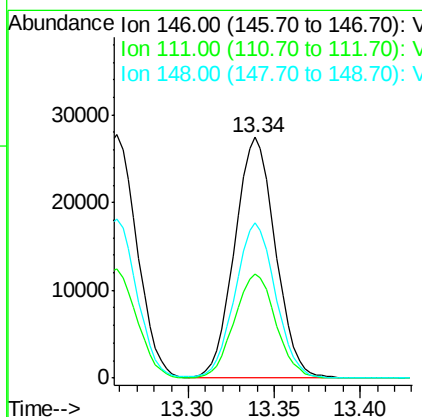
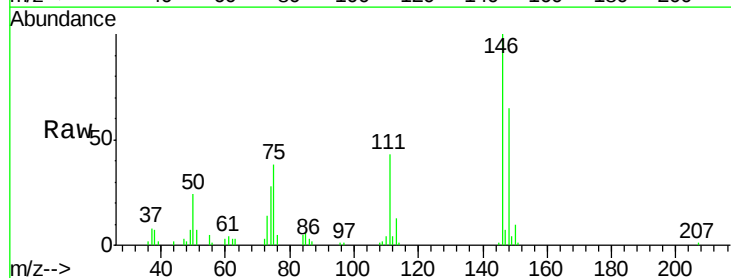
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

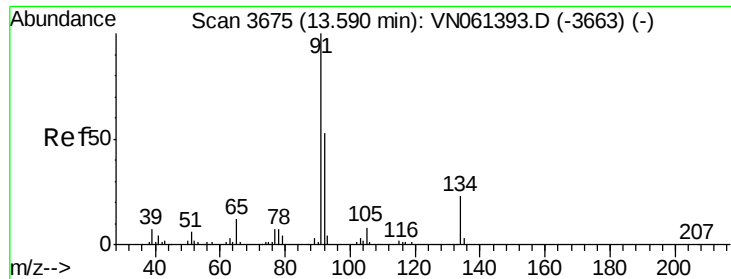
Tgt Ion:146 Resp: 45243
 Ion Ratio Lower Upper
 146 100
 111 45.2 21.0 63.0
 148 64.5 31.7 95.1



#84
 1,4-Dichlorobenzene
 Concen: 18.38 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

Tgt Ion:146 Resp: 45178
 Ion Ratio Lower Upper
 146 100
 111 43.8 19.8 59.4
 148 64.2 31.6 94.8

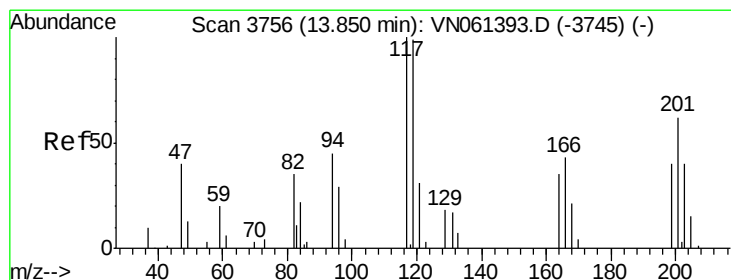
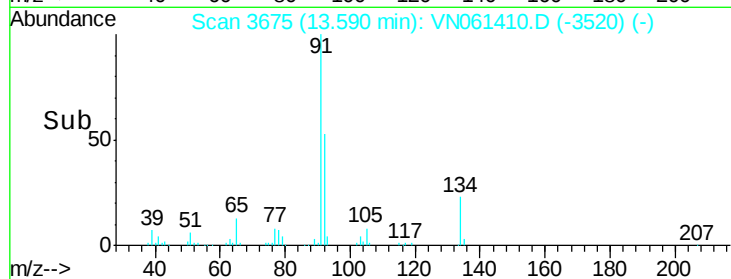
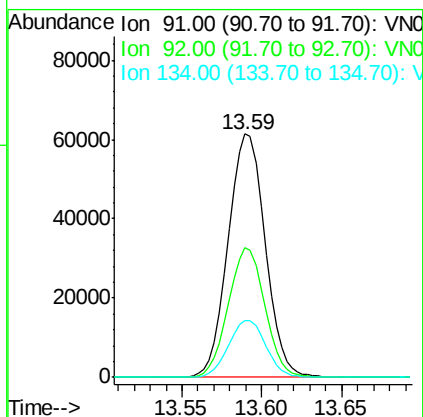
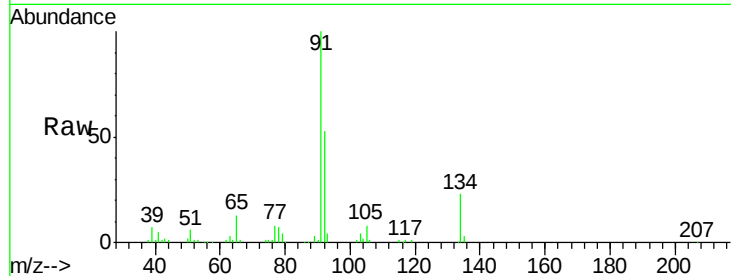




#85
n-Butylbenzene
Concen: 18.90 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061410.D
Acq: 15 May 2020 14:31

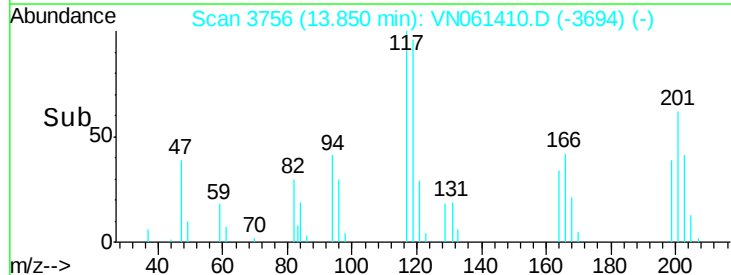
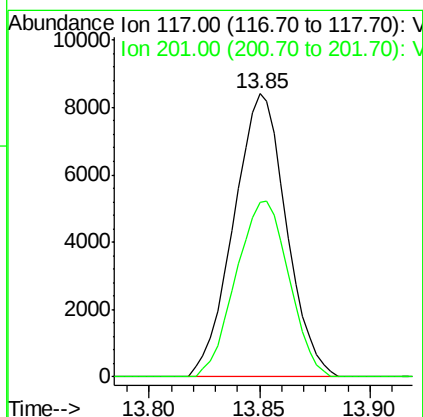
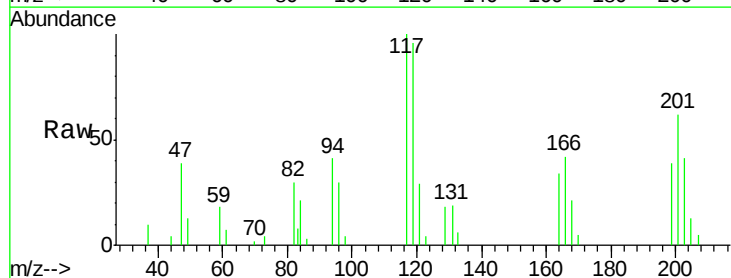
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

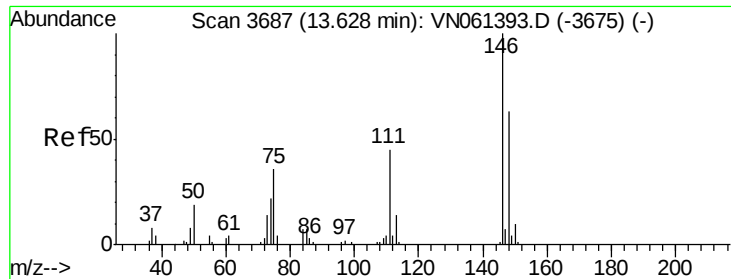
Tgt Ion: 91 Resp: 97344
Ion Ratio Lower Upper
91 100
92 52.4 0.0 102.8
134 23.5 0.0 48.6



#86
Hexachloroethane
Concen: 17.99 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061410.D
Acq: 15 May 2020 14:31

Tgt Ion: 117 Resp: 13951
Ion Ratio Lower Upper
117 100
201 62.3 38.7 116.1

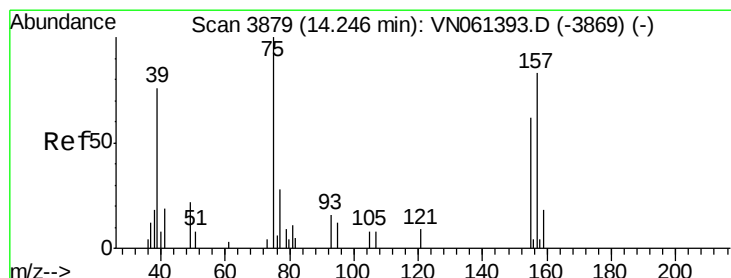
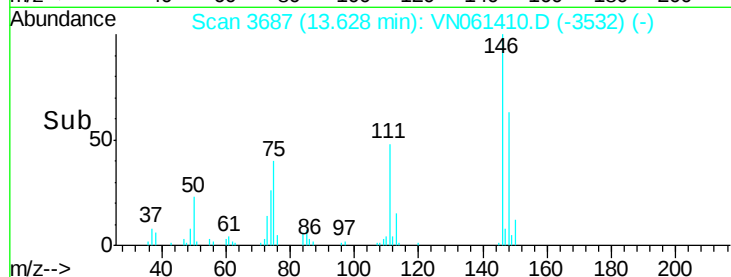
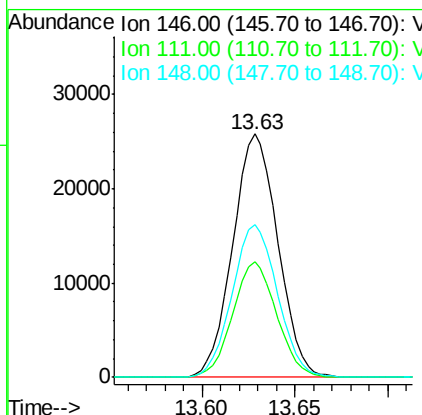
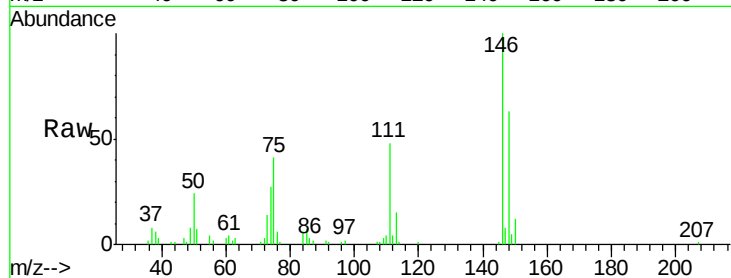




#87
 1,2-Dichlorobenzene
 Concen: 18.50 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

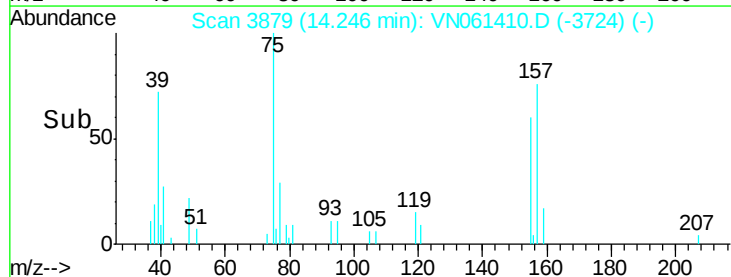
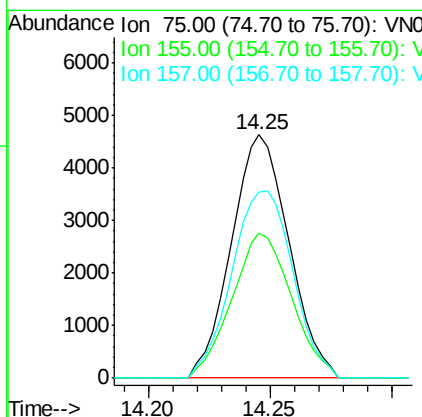
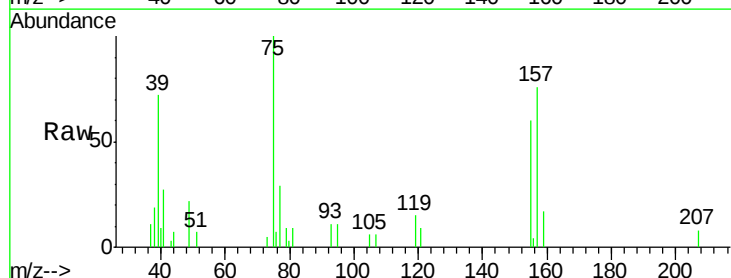
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

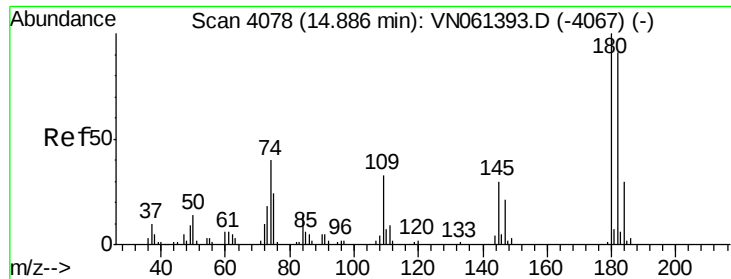
Tgt Ion: 146 Resp: 43586
 Ion Ratio Lower Upper
 146 100
 111 46.2 21.8 65.4
 148 63.0 32.1 96.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.96 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

Tgt Ion: 75 Resp: 7561
 Ion Ratio Lower Upper
 75 100
 155 61.7 58.3 87.5
 157 81.8 75.0 112.6

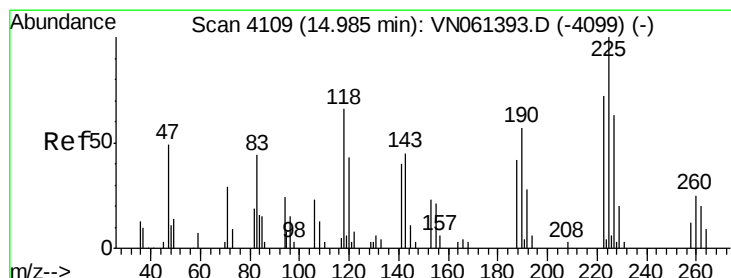
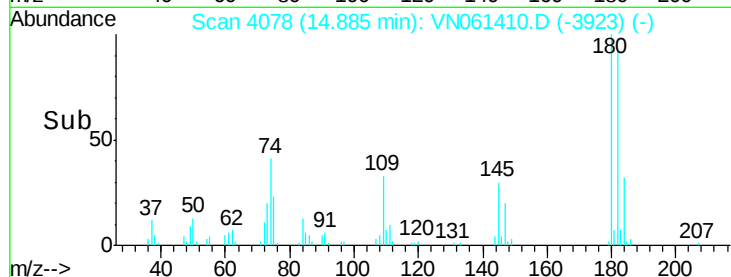
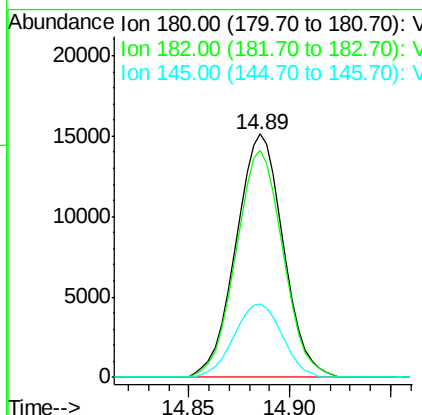
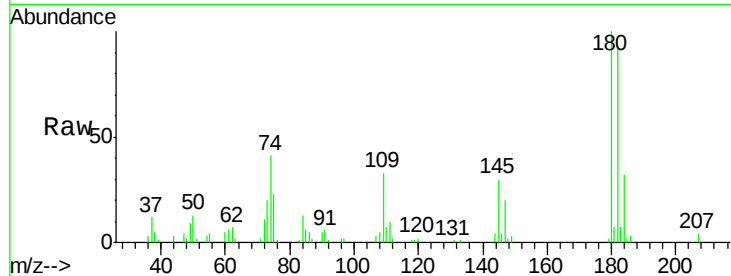




#89
 1,2,4-Trichlorobenzene
 Concen: 18.38 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. -0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

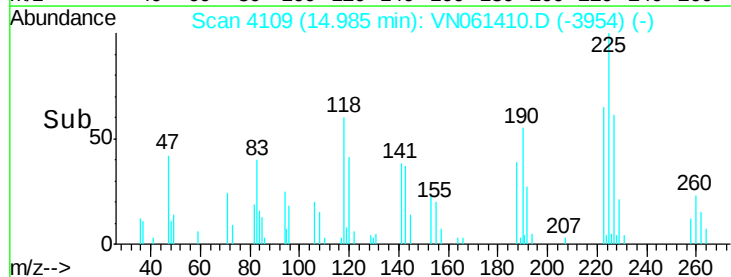
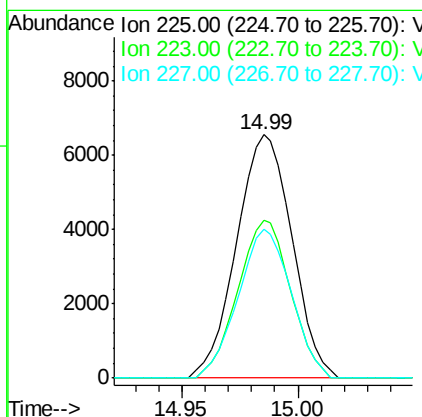
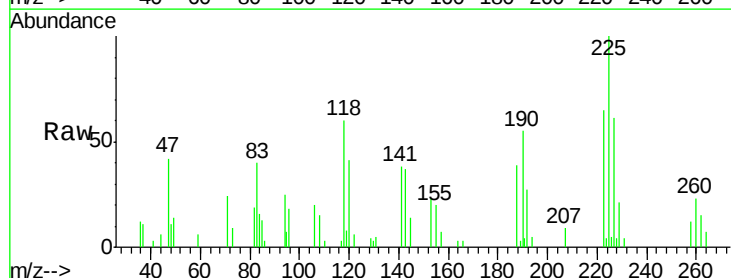
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

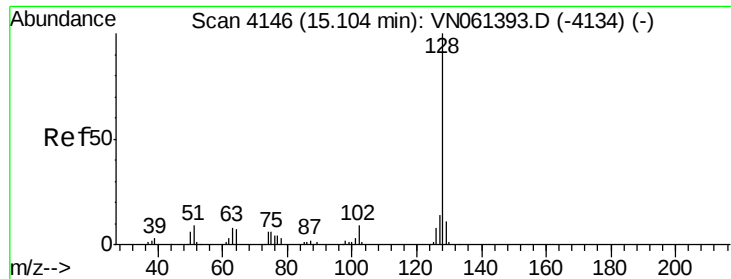
Tgt Ion:180 Resp: 24872
 Ion Ratio Lower Upper
 180 100
 182 92.7 75.3 112.9
 145 30.7 24.8 37.2



#90
 Hexachlorobutadiene
 Concen: 19.73 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN061410.D
 Acq: 15 May 2020 14:31

Tgt Ion:225 Resp: 10880
 Ion Ratio Lower Upper
 225 100
 223 61.7 0.0 126.2
 227 58.5 0.0 127.0

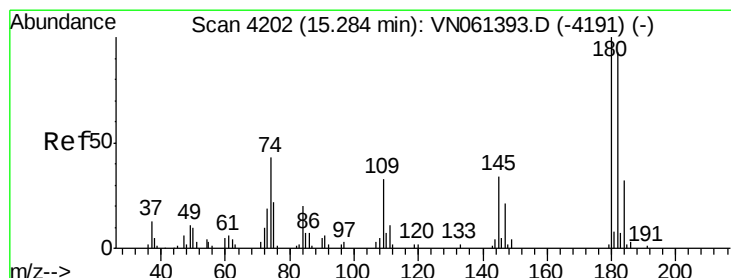
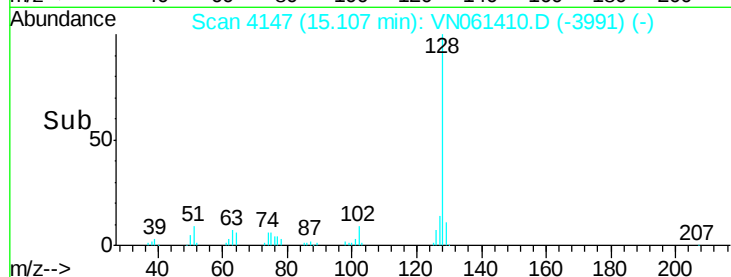
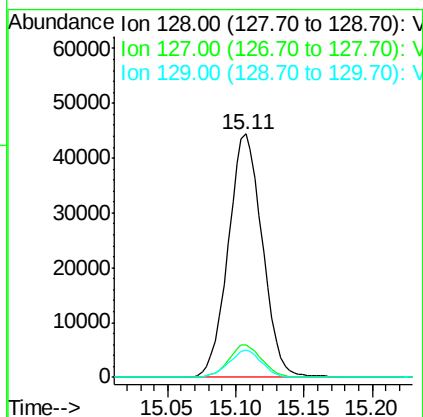
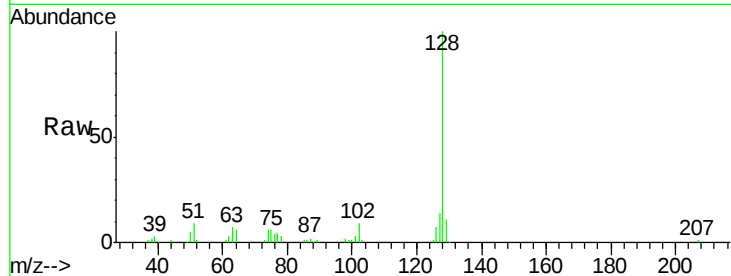




#91
Naphthalene
Concen: 18.08 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN061410.D
Acq: 15 May 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 76961
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.8 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 18.32 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061410.D
Acq: 15 May 2020 14:31

Tgt Ion:180 Resp: 24085
Ion Ratio Lower Upper
180 100
182 94.1 0.0 193.4
145 34.5 0.0 65.8

