

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060820\
 Data File : VN061689.D
 Acq On : 8 Jun 2020 12:37
 Operator : JC/MD
 Sample : VN0608WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01

Quant Time: Jun 09 03:10:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	358736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	568501	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	535735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	267964	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	203327	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
35) Dibromofluoromethane	7.54	113	165263	57.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.62%	
50) Toluene-d8	10.06	98	679691	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.37	95	242728	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	73175	18.41	ug/l	100
3) Chloromethane	2.03	50	71907	16.43	ug/l	100
4) Vinyl Chloride	2.16	62	95443	15.92	ug/l	98
5) Bromomethane	2.54	94	63489	18.45	ug/l	98
6) Chloroethane	2.67	64	62989	16.32	ug/l	98
7) Trichlorofluoromethane	2.98	101	134996	17.46	ug/l	98
8) Diethyl Ether	3.37	74	43127	18.24	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	65134	18.98	ug/l	97
10) Methyl Iodide	3.91	142	87609	18.39	ug/l	98
11) Tert butyl alcohol	4.73	59	54995	96.74	ug/l	98
12) 1,1-Dichloroethene	3.69	96	62249	16.98	ug/l	94
13) Acrolein	3.56	56	14834	67.73	ug/l	95
14) Allyl chloride	4.27	41	75612	15.78	ug/l	97
15) Acrylonitrile	4.92	53	136988	86.33	ug/l	99
16) Acetone	3.77	43	113193	92.18	ug/l	97
17) Carbon Disulfide	4.01	76	142675	17.69	ug/l	99
18) Methyl Acetate	4.28	43	68276	17.65	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	222731	17.83	ug/l	100
20) Methylene Chloride	4.50	84	72239	17.46	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	70113	16.96	ug/l	92
22) Diisopropyl ether	5.90	45	187890	17.79	ug/l	97
23) Vinyl Acetate	5.84	43	695071	82.57	ug/l	99
24) 1,1-Dichloroethane	5.79	63	116069	17.33	ug/l	98
25) 2-Butanone	6.78	43	166368	82.13	ug/l	99
26) 2,2-Dichloropropane	6.77	77	106863	17.43	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	82901	17.71	ug/l	100
28) Bromochloromethane	7.14	49	51720	19.72	ug/l	98
29) Tetrahydrofuran	7.16	42	108751	81.42	ug/l	98
30) Chloroform	7.32	83	133189	17.97	ug/l	99
31) Cyclohexane	7.61	56	99469	16.51	ug/l	94
32) 1,1,1-Trichloroethane	7.52	97	115911	17.17	ug/l	100
36) 1,1-Dichloropropene	7.75	75	90550	17.99	ug/l	98
37) Ethyl Acetate	6.88	43	70224	17.32	ug/l	95
38) Carbon Tetrachloride	7.73	117	94401	19.45	ug/l	95

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	104665	16.87	ug/l	97
40) Benzene	8.00	78	287661	18.53	ug/l	98
41) Methacrylonitrile	7.12	41	26402	14.22	ug/l	86
42) 1,2-Dichloroethane	8.08	62	97101	18.68	ug/l	99
43) Isopropyl Acetate	8.12	43	124825	17.12	ug/l	96
44) Trichloroethene	8.80	130	88081	18.46	ug/l	95
45) 1,2-Dichloropropane	9.08	63	69725	18.91	ug/l	100
46) Dibromomethane	9.17	93	54105	19.13	ug/l	97
47) Bromodichloromethane	9.37	83	106542	19.02	ug/l	99
48) Methyl methacrylate	9.16	41	53028	16.16	ug/l	95
49) 1,4-Dioxane	9.16	88	25100	493.80	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	353508	86.02	ug/l	97
52) Toluene	10.12	92	191310	18.88	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	111808	18.52	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	120240	18.53	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	78485	19.44	ug/l	97
56) Ethyl methacrylate	10.40	69	101610	18.01	ug/l	98
57) 1,3-Dichloropropane	10.68	76	127294	19.71	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	217451	90.21	ug/l	98
59) 2-Hexanone	10.72	43	250636	84.92	ug/l	98
60) Dibromochloromethane	10.87	129	88982	19.38	ug/l	99
61) 1,2-Dibromoethane	10.98	107	80973	19.23	ug/l	99
64) Tetrachloroethene	10.60	164	95229	18.88	ug/l	96
65) Chlorobenzene	11.40	112	214788	19.29	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	81421	19.64	ug/l	100
67) Ethyl Benzene	11.48	91	355975	18.49	ug/l	98
68) m/p-Xylenes	11.59	106	285938	37.47	ug/l	98
69) o-Xylene	11.92	106	138389	19.09	ug/l	96
70) Styrene	11.94	104	223339	18.61	ug/l	99
71) Bromoform	12.10	173	61346	19.20	ug/l #	99
73) Isopropylbenzene	12.22	105	359883	18.40	ug/l	99
74) N-amyl acetate	12.04	43	102285	16.61	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	99665	18.18	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	127692	26.21	ug/l #	100
77) Bromobenzene	12.50	156	97242	19.48	ug/l	96
78) n-propylbenzene	12.56	91	392190	17.96	ug/l	100
79) 2-Chlorotoluene	12.65	91	233529	17.94	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	294832	18.04	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	29858	15.67	ug/l	95
82) 4-Chlorotoluene	12.75	91	245272	17.91	ug/l	99
83) tert-Butylbenzene	12.97	119	255646	17.70	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	296755	18.27	ug/l	98
85) sec-Butylbenzene	13.15	105	325159	17.47	ug/l	100
86) p-Isopropyltoluene	13.26	119	305095	17.80	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	167299	18.92	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	171970	19.10	ug/l	99
89) n-Butylbenzene	13.59	91	247712	17.26	ug/l	99
90) Hexachloroethane	13.85	117	44393	23.42	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	165655	19.61	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17538	15.69	ug/l	94

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QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	92928	18.81	ug/l	99
94) Hexachlorobutadiene	14.98	225	40510	19.22	ug/l	98
95) Naphthalene	15.10	128	268242	17.84	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	92214	18.98	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

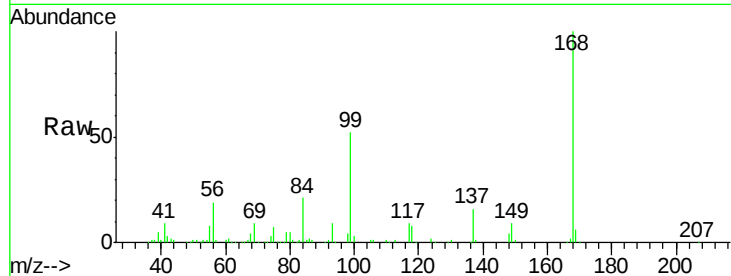
VN0608WBSD01

Tgt Ion:168 Resp: 358736

Ion Ratio Lower Upper

168 100

99 51.7 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

150000

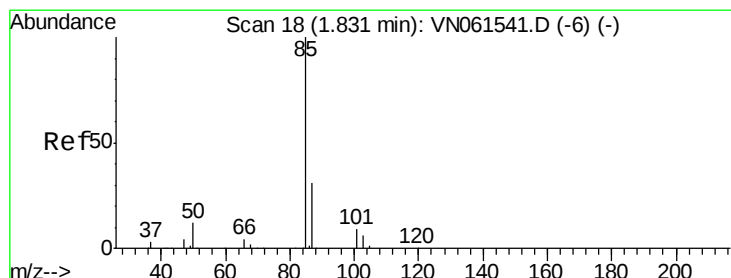
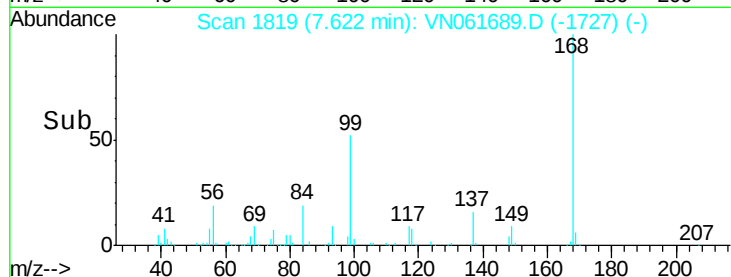
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.41 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061689.D

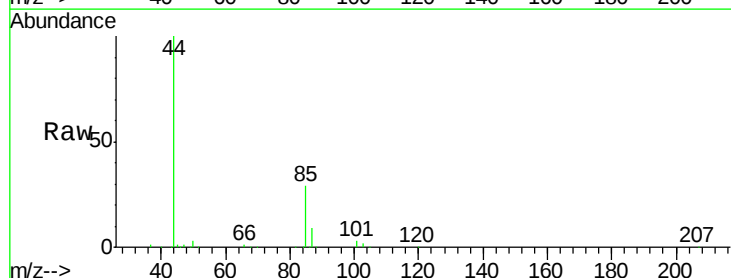
Acq: 8 Jun 2020 12:37

Tgt Ion: 85 Resp: 73175

Ion Ratio Lower Upper

85 100

87 31.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

50000

40000

30000

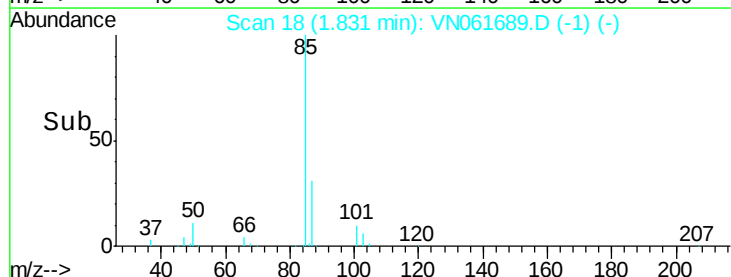
20000

10000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 16.43 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

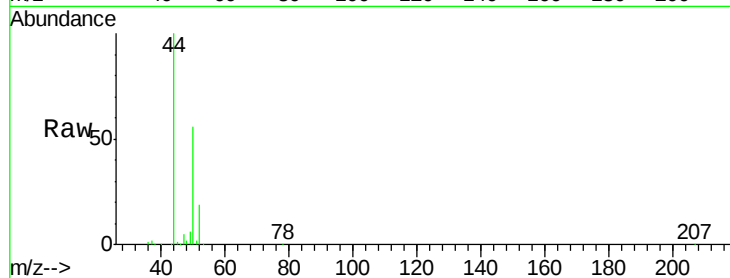
VN0608WBSD01

Tgt Ion: 50 Resp: 71907

Ion Ratio Lower Upper

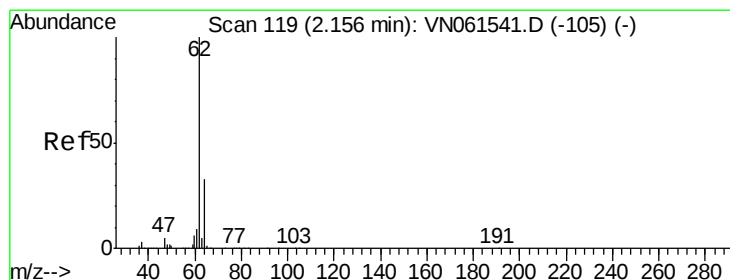
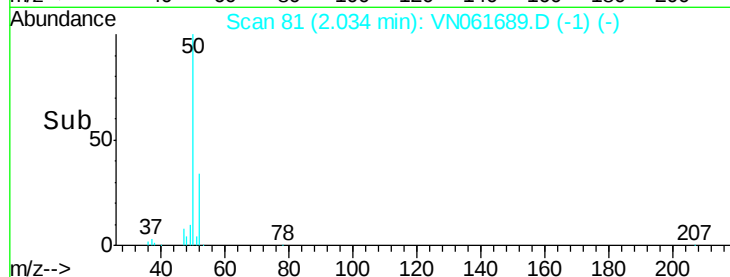
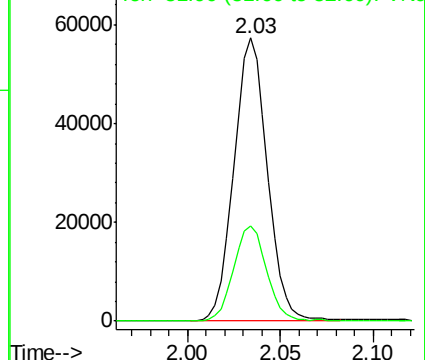
50 100

52 33.6 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 15.92 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061689.D

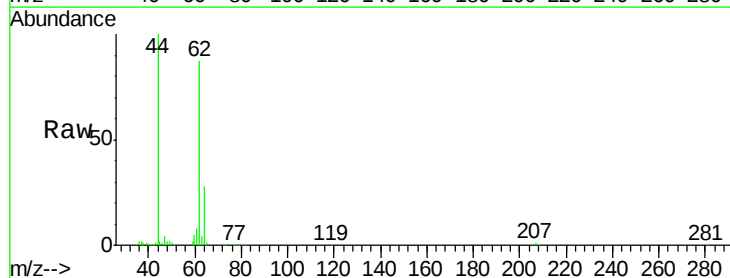
Acq: 8 Jun 2020 12:37

Tgt Ion: 62 Resp: 95443

Ion Ratio Lower Upper

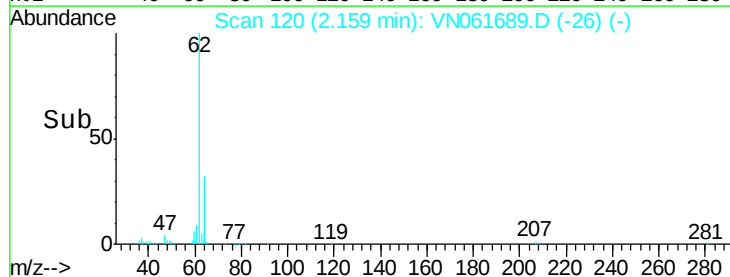
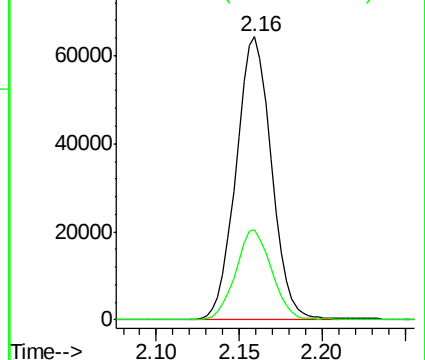
62 100

64 31.8 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 18.45 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

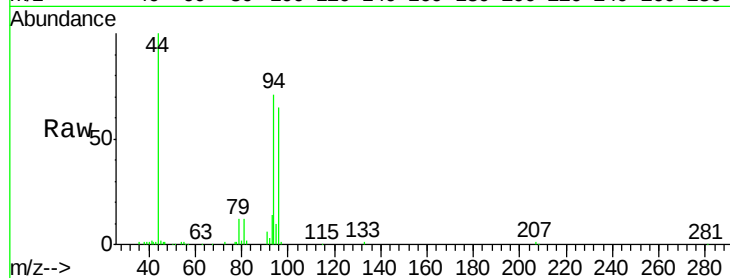
VN0608WBSD01

Tgt Ion: 94 Resp: 63489

Ion Ratio Lower Upper

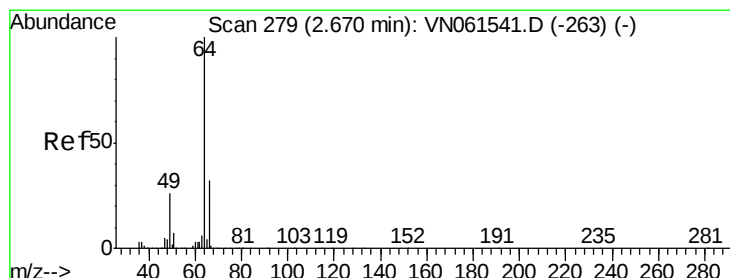
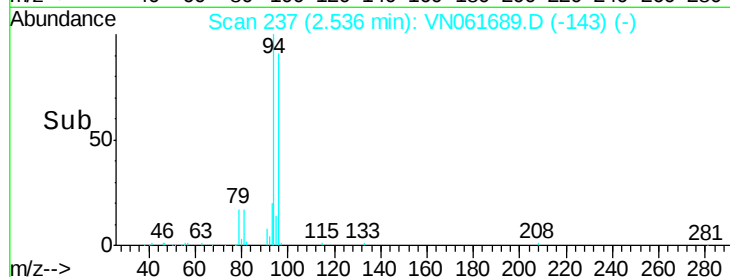
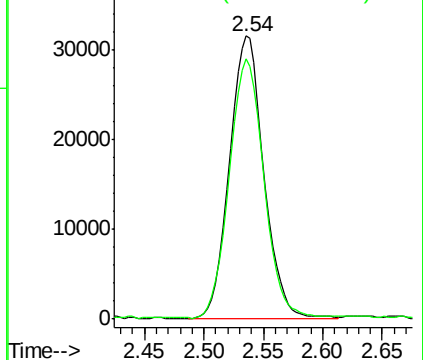
94 100

96 91.4 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 16.32 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061689.D

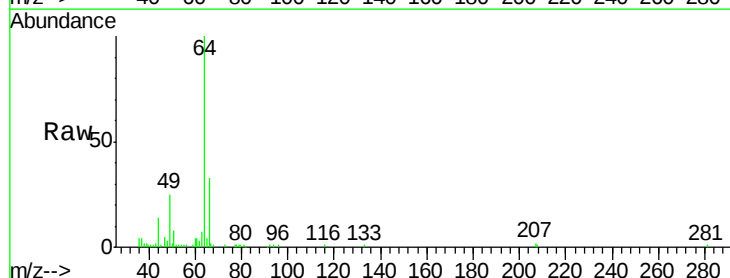
Acq: 8 Jun 2020 12:37

Tgt Ion: 64 Resp: 62989

Ion Ratio Lower Upper

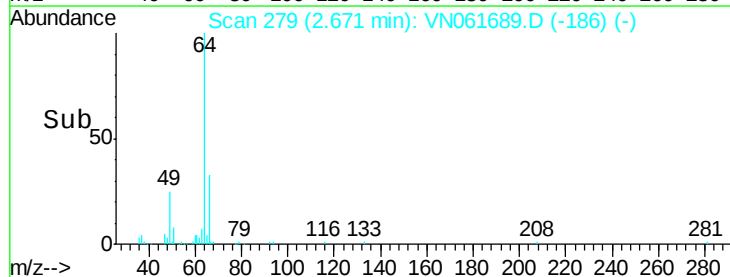
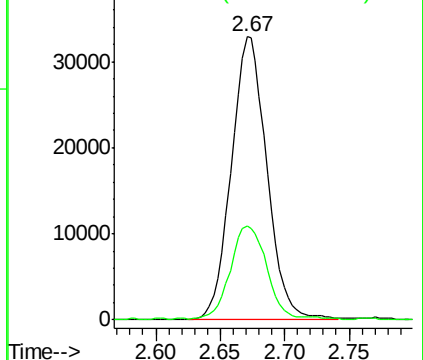
64 100

66 33.2 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



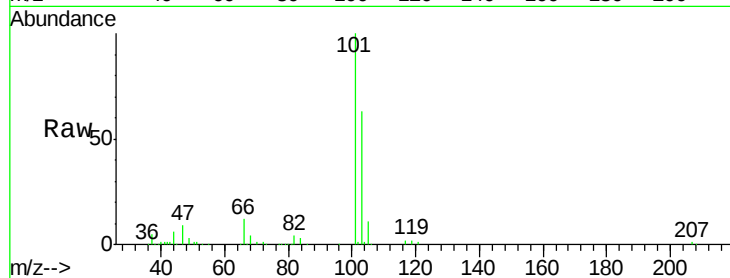


#7

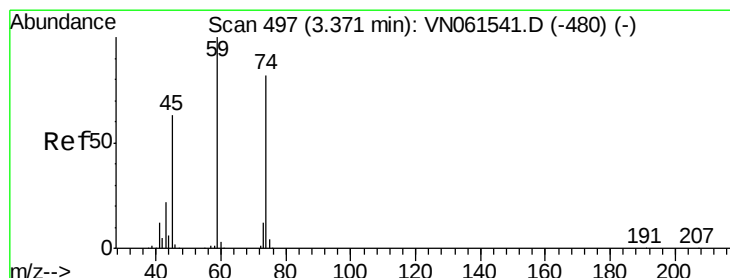
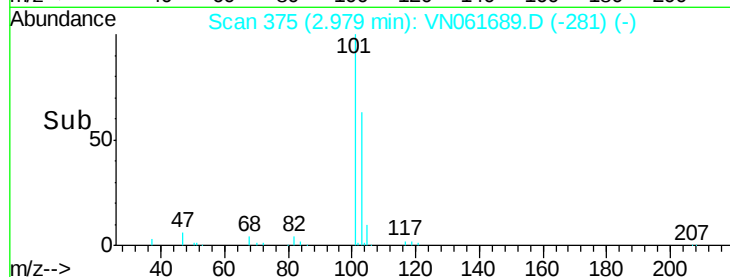
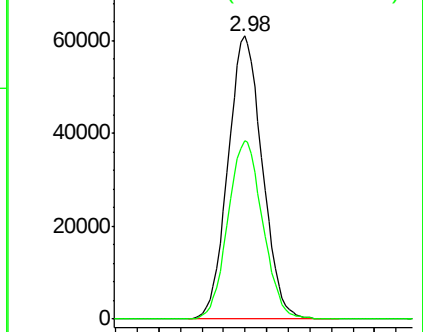
Trichlorofluoromethane
 Concen: 17.46 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN061689.D
 Acq: 8 Jun 2020 12:37

Instrument :
 MSVOA_N
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Tgt Ion:101 Resp: 134996
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.4 77.2



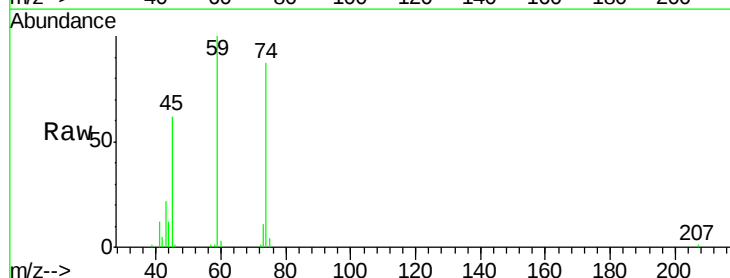
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



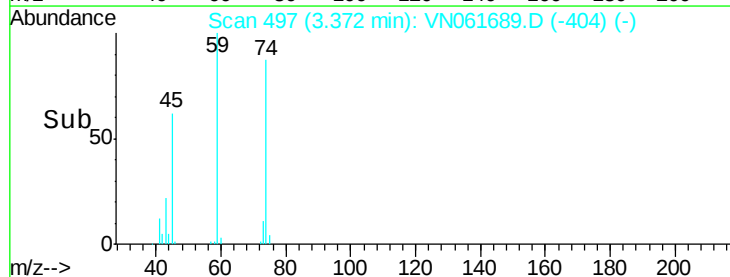
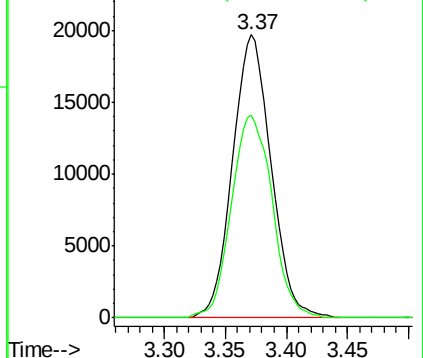
#8

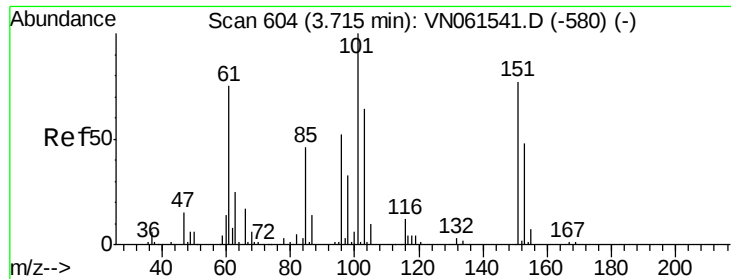
Diethyl Ether
 Concen: 18.24 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: VN061689.D
 Acq: 8 Jun 2020 12:37

Tgt Ion: 74 Resp: 43127
 Ion Ratio Lower Upper
 74 100
 45 75.6 39.9 119.7



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: 18.98 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD01

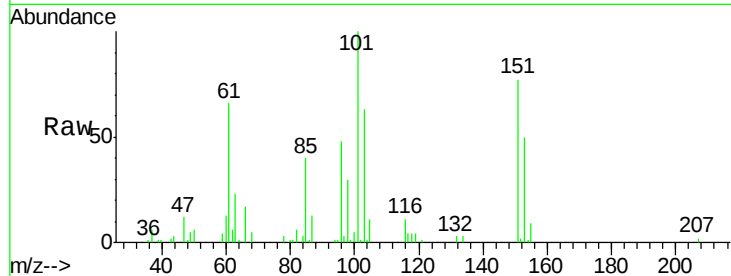
Tgt Ion:101 Resp: 65134

Ion Ratio Lower Upper

101 100

85 41.5 35.2 52.8

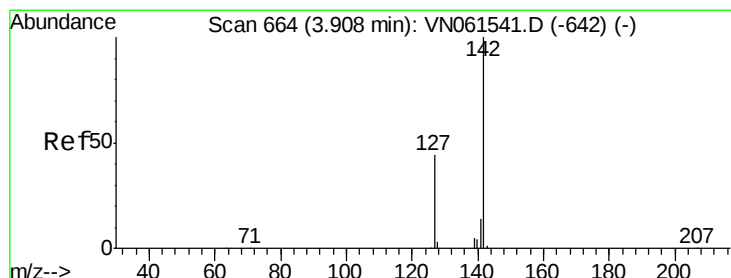
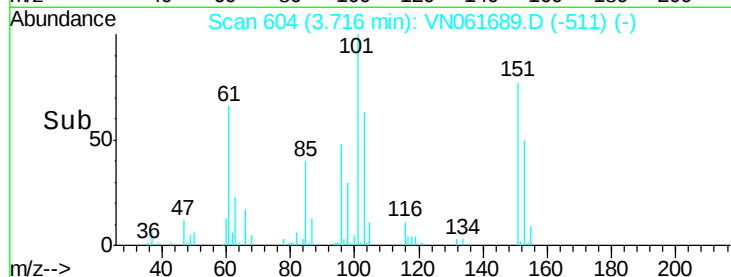
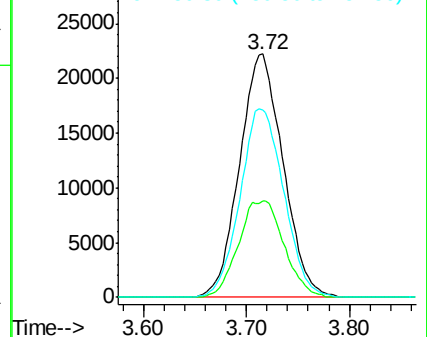
151 78.1 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.39 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

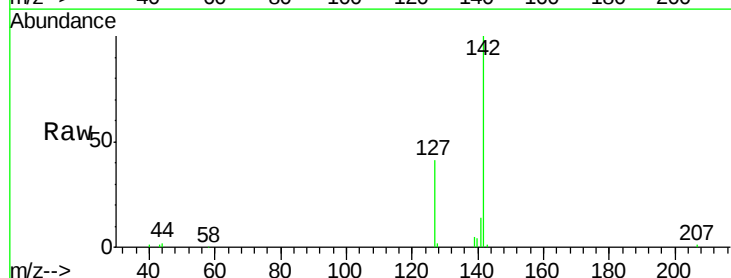
Tgt Ion:142 Resp: 87609

Ion Ratio Lower Upper

142 100

127 42.7 35.5 53.3

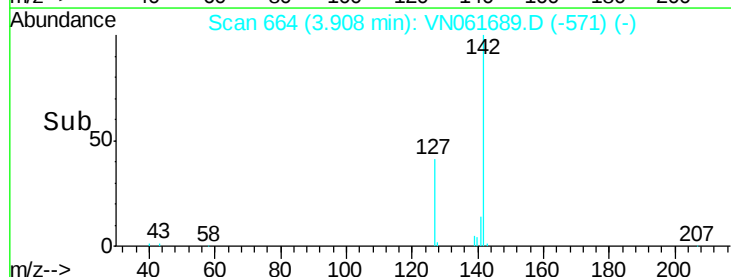
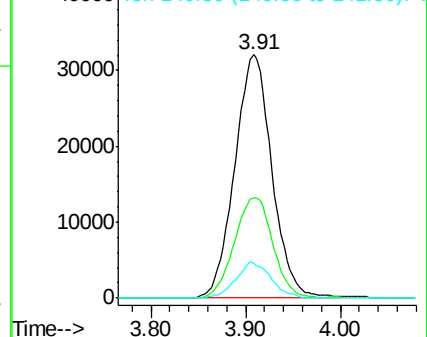
141 13.8 11.5 17.3

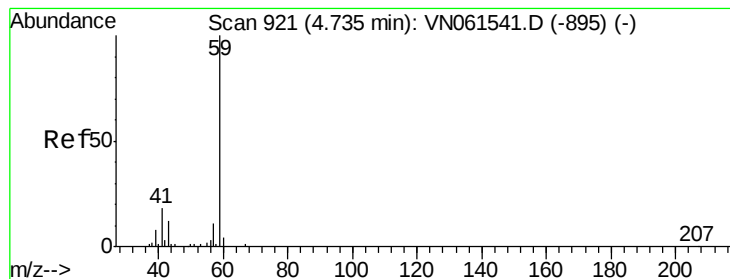


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 96.74 ug/l

RT: 4.73 min Scan# 919

Delta R.T. -0.01 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

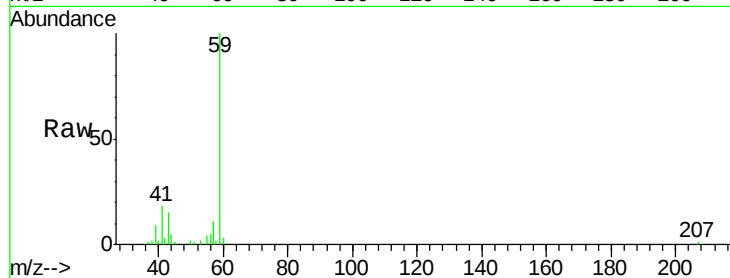
VN0608WBSD01

Tgt Ion: 59 Resp: 54995

Ion Ratio Lower Upper

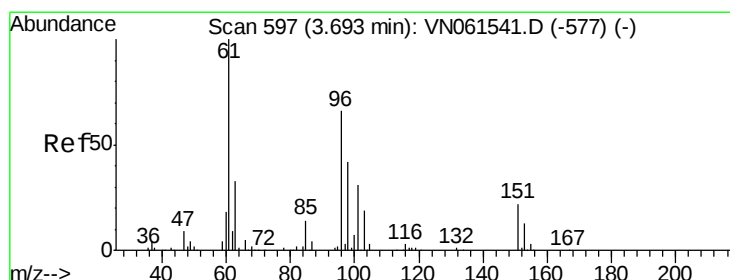
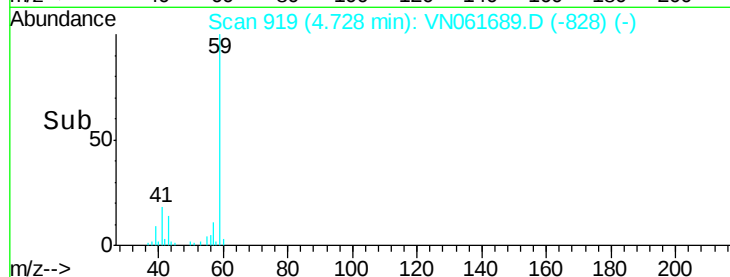
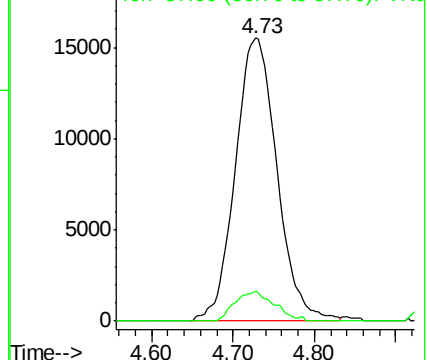
59 100

57 9.8 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 16.98 ug/l

RT: 3.69 min Scan# 597

Delta R.T. 0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

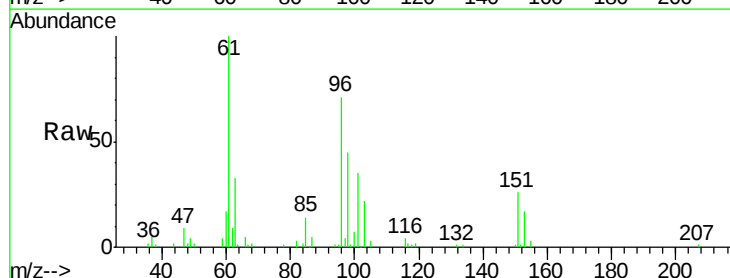
Tgt Ion: 96 Resp: 62249

Ion Ratio Lower Upper

96 100

61 140.3 120.5 180.7

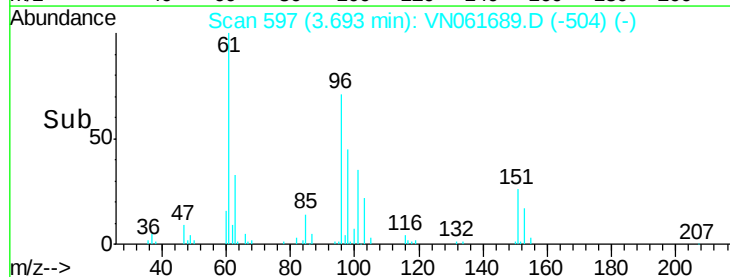
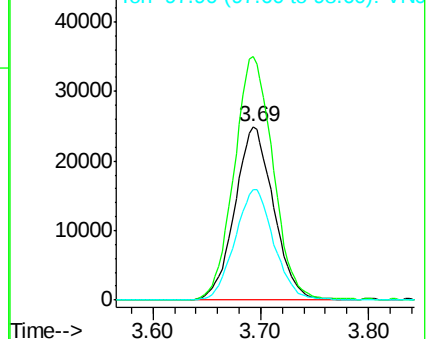
98 63.4 50.8 76.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 67.73 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

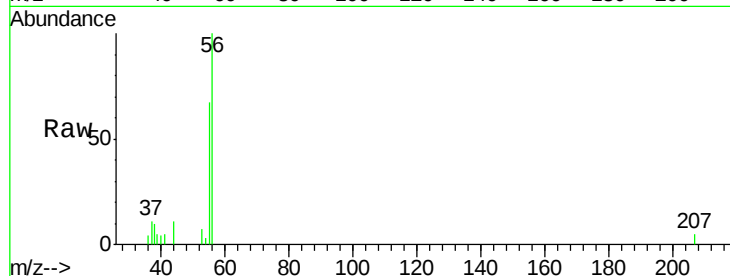
VN0608WBSD01

Tgt Ion: 56 Resp: 14834

Ion Ratio Lower Upper

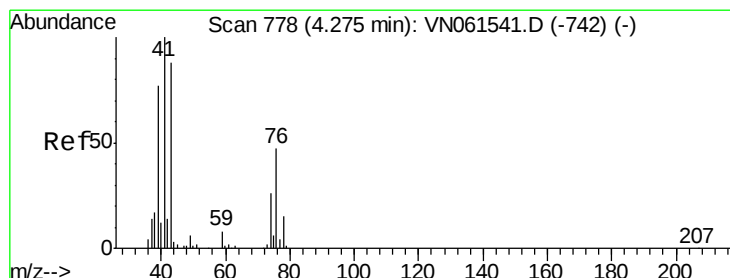
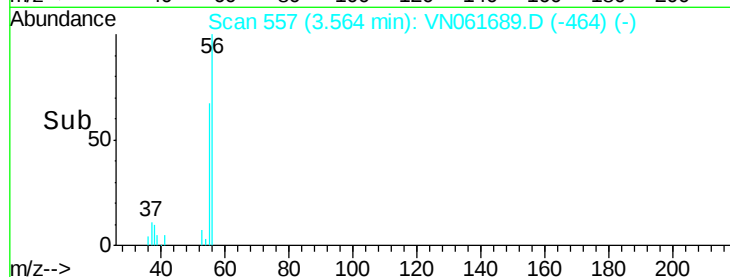
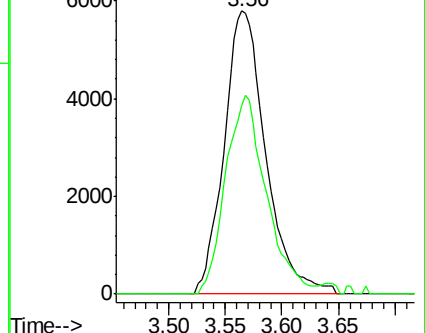
56 100

55 68.6 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN061541.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN061541.D (-540) (-)



#14

Allyl chloride

Concen: 15.78 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

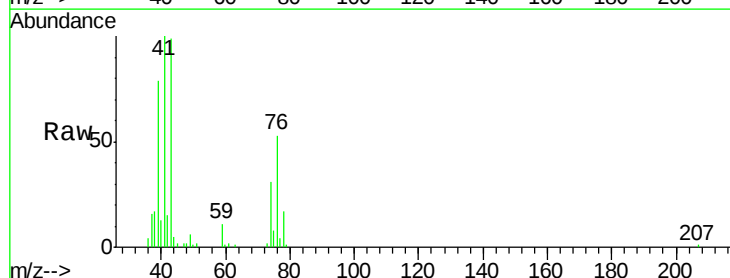
Tgt Ion: 41 Resp: 75612

Ion Ratio Lower Upper

41 100

39 73.0 58.6 88.0

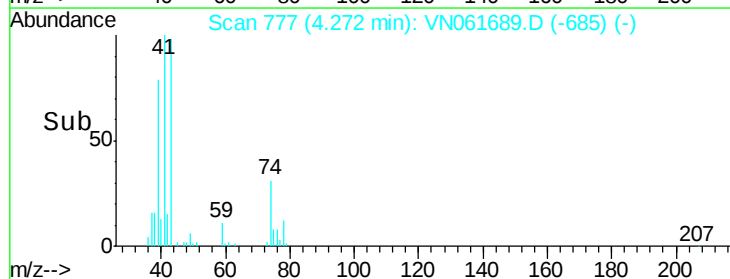
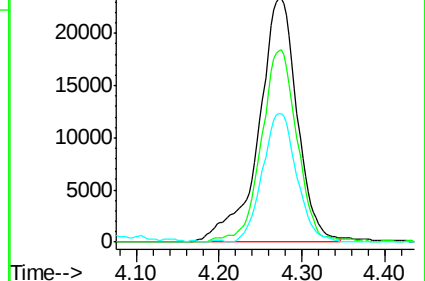
76 46.8 34.2 51.4



Abundance Ion 41.00 (40.70 to 41.70): VN061541.D (-742) (-)

Ion 39.00 (38.70 to 39.70): VN061541.D (-742) (-)

Ion 75.90 (75.60 to 76.60): VN061541.D (-742) (-)





#15

Acrylonitrile

Concen: 86.33 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD01

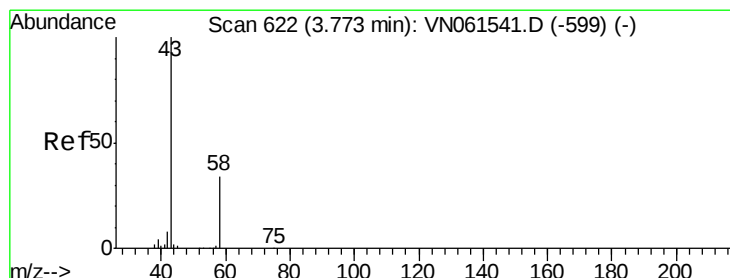
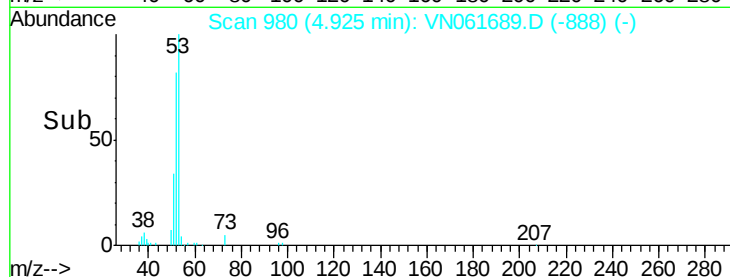
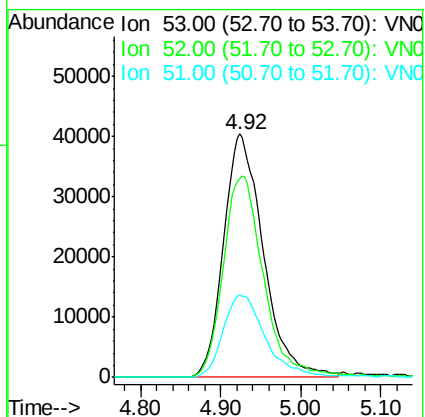
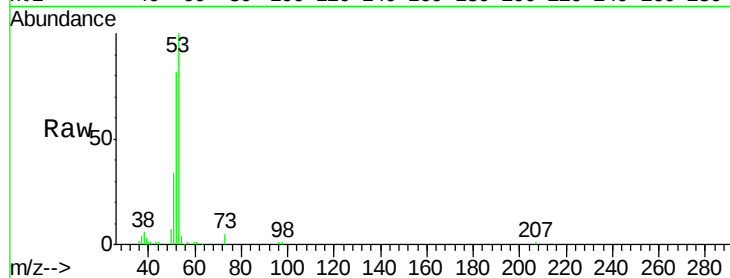
Tgt Ion: 53 Resp: 136988

Ion Ratio Lower Upper

53 100

52 83.2 65.4 98.2

51 35.9 29.0 43.6



#16

Acetone

Concen: 92.18 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061689.D

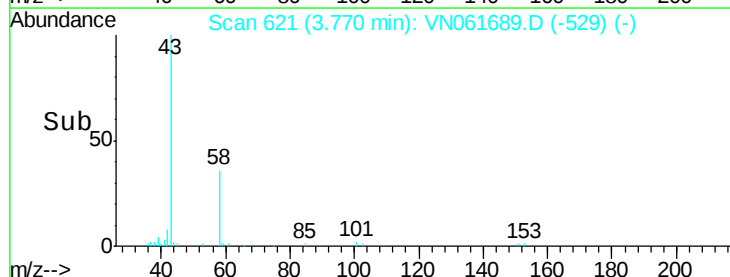
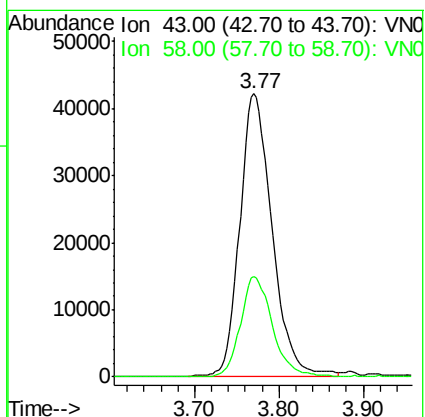
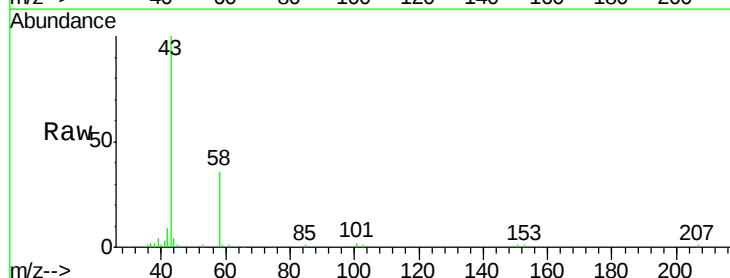
Acq: 8 Jun 2020 12:37

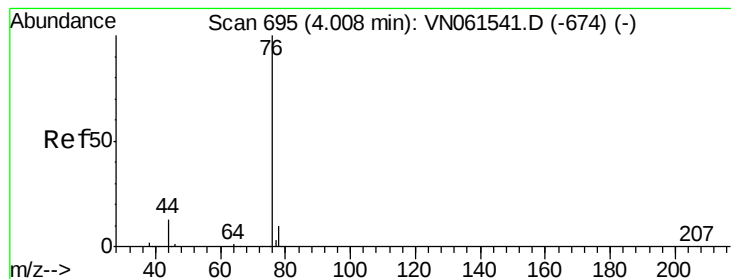
Tgt Ion: 43 Resp: 113193

Ion Ratio Lower Upper

43 100

58 35.6 27.2 40.8





#17

Carbon Disulfide

Concen: 17.69 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

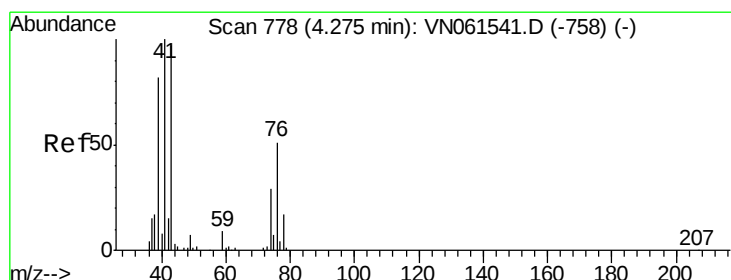
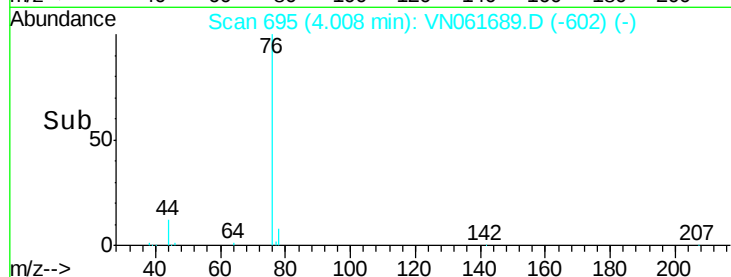
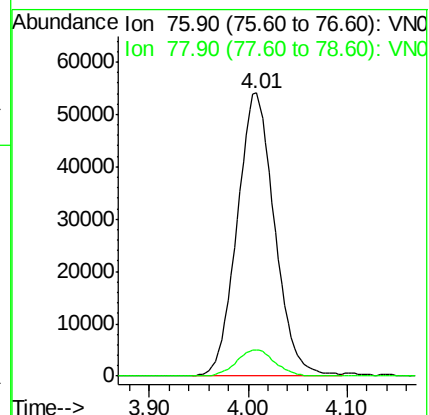
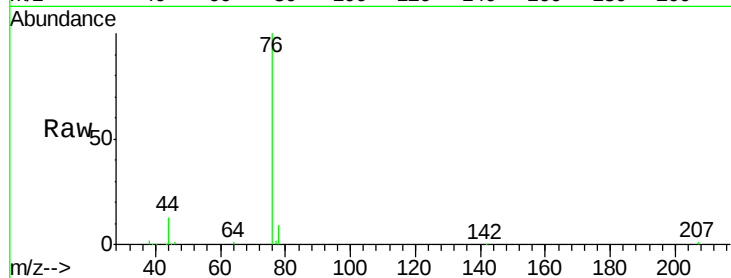
VN0608WBSD01

Tgt Ion: 76 Resp: 142675

Ion Ratio Lower Upper

76 100

78 9.2 7.8 11.6



#18

Methyl Acetate

Concen: 17.65 ug/l

RT: 4.28 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061689.D

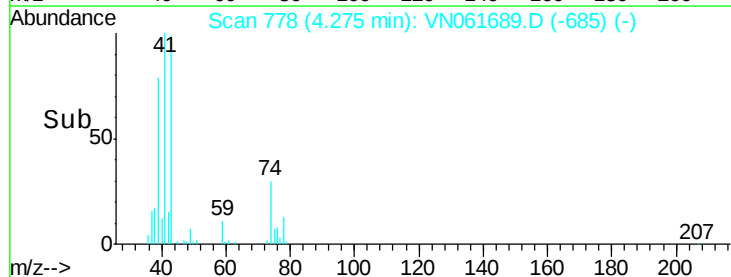
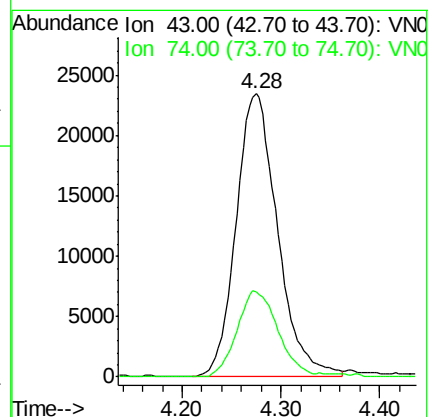
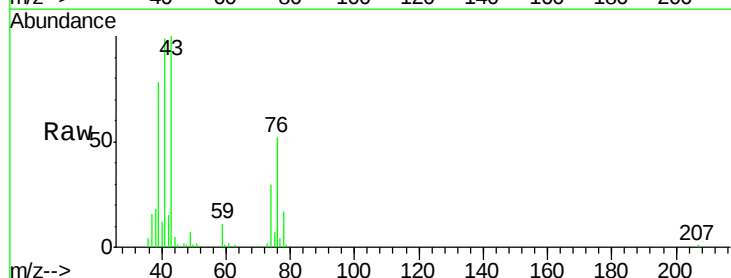
Acq: 8 Jun 2020 12:37

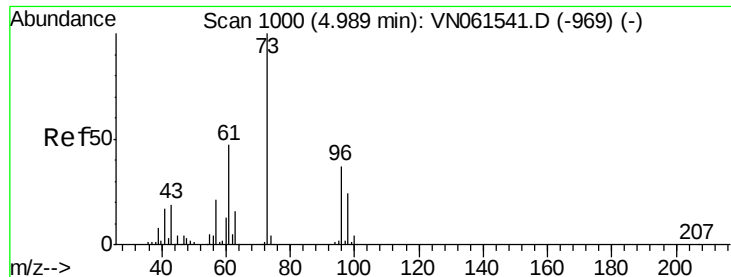
Tgt Ion: 43 Resp: 68276

Ion Ratio Lower Upper

43 100

74 29.9 23.2 34.8

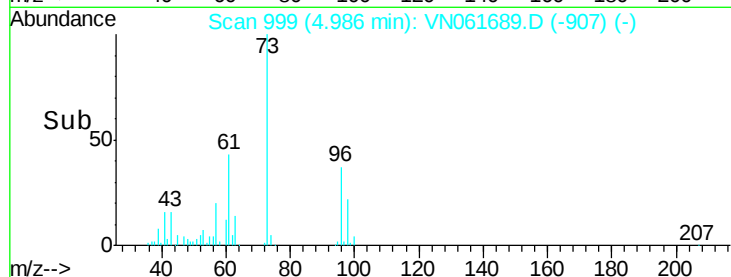
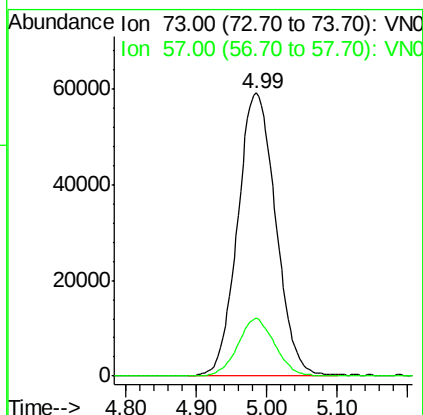
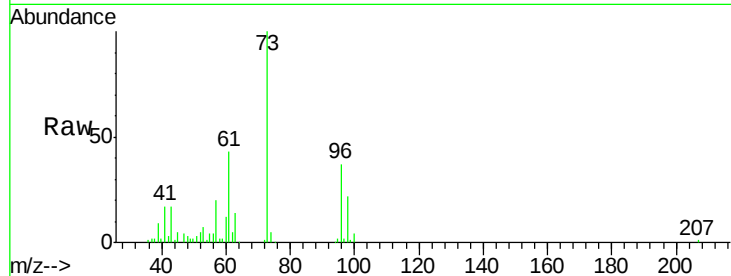




#19
Methyl tert-butyl Ether
Concen: 17.83 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061689.D
Acq: 8 Jun 2020 12:37

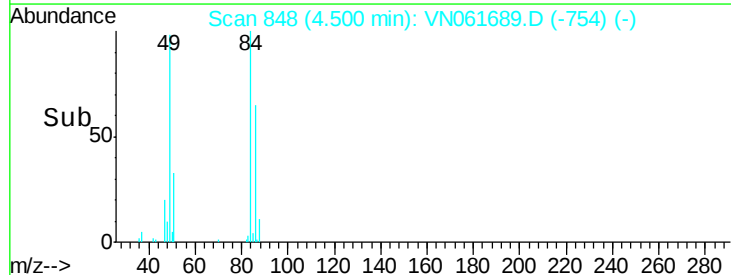
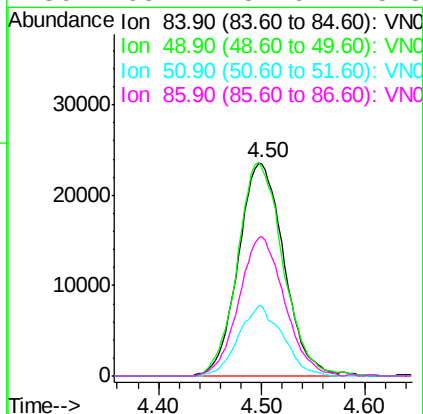
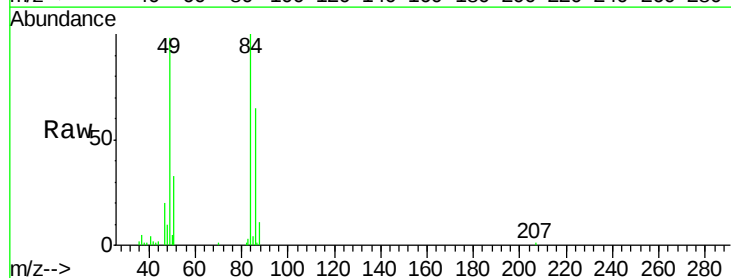
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

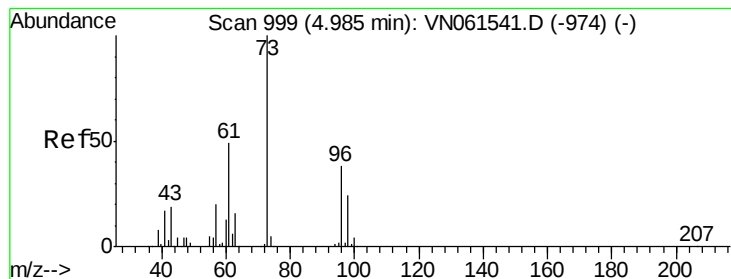
Tgt Ion: 73 Resp: 222731
Ion Ratio Lower Upper
73 100
57 20.3 16.4 24.6



#20
Methylene Chloride
Concen: 17.46 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061689.D
Acq: 8 Jun 2020 12:37

Tgt Ion: 84 Resp: 72239
Ion Ratio Lower Upper
84 100
49 98.2 85.8 128.8
51 32.8 26.2 39.2
86 65.4 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 16.96 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Instrument :

MSVOA_N

ClientSampled :

VN0608WBSD01

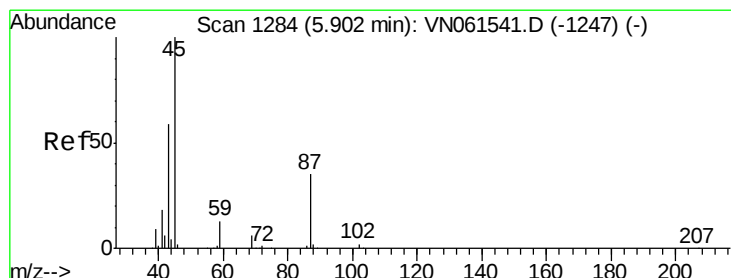
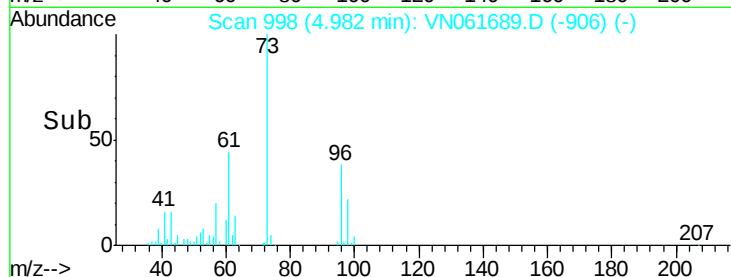
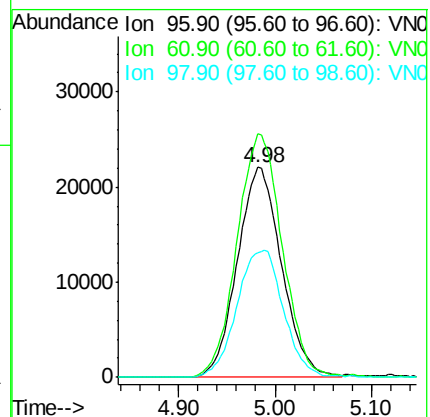
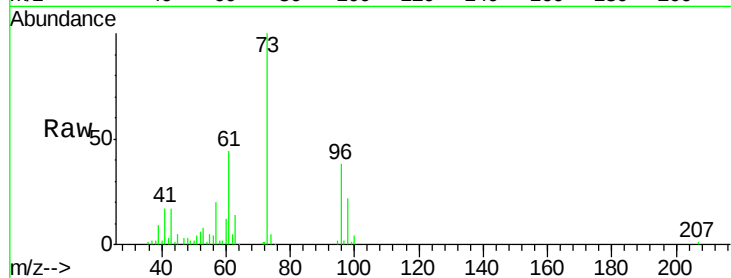
Tgt Ion: 96 Resp: 70113

Ion Ratio Lower Upper

96 100

61 115.8 101.4 152.0

98 59.1 50.6 76.0



#22

Diisopropyl ether

Concen: 17.79 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Tgt Ion: 45 Resp: 187890

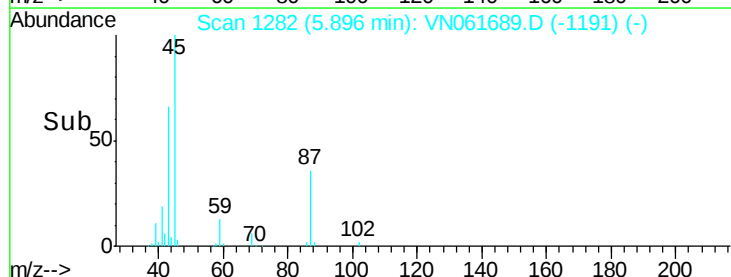
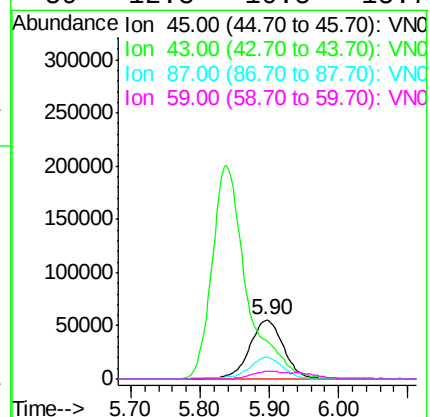
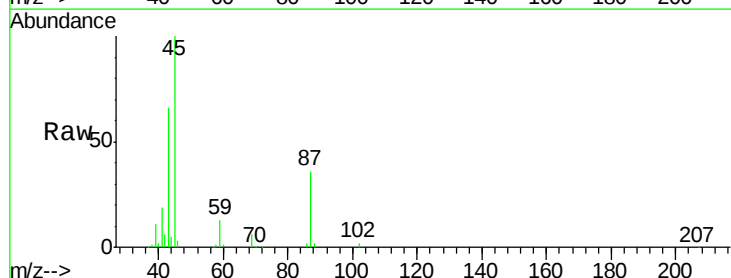
Ion Ratio Lower Upper

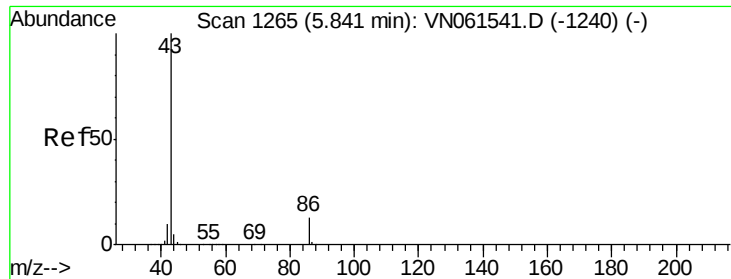
45 100

43 63.8 47.9 71.9

87 36.5 28.4 42.6

59 12.8 10.5 15.7

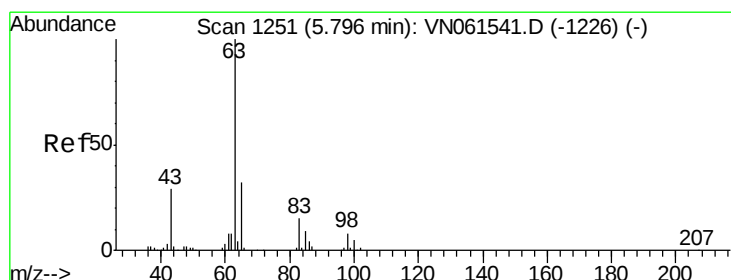
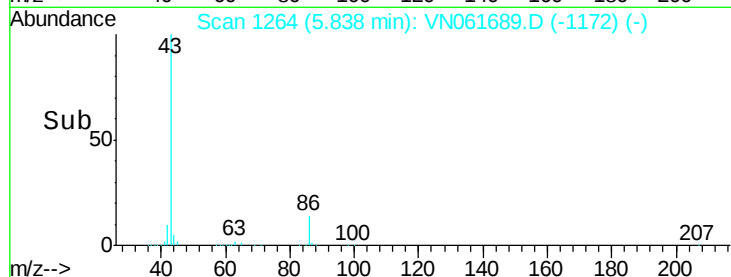
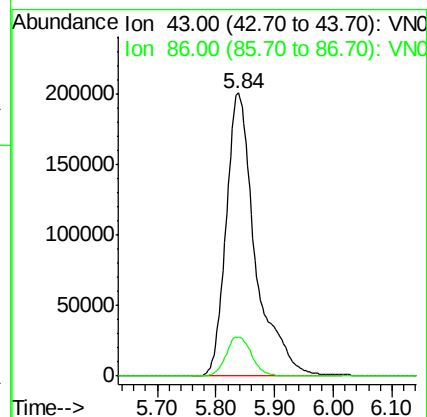
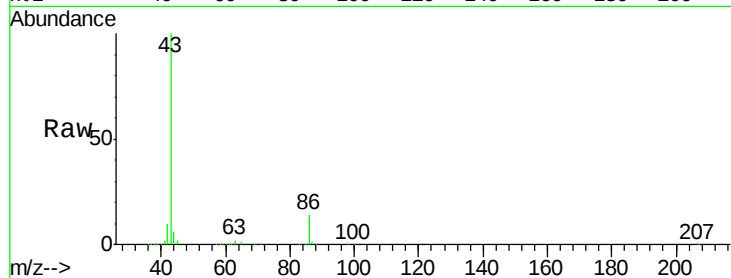




#23
 Vinyl Acetate
 Concen: 82.57 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VN061689.D
 Acq: 8 Jun 2020 12:37

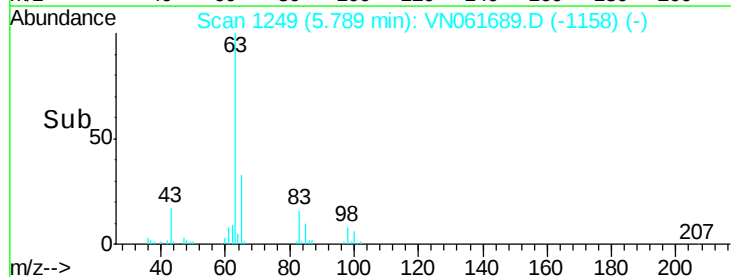
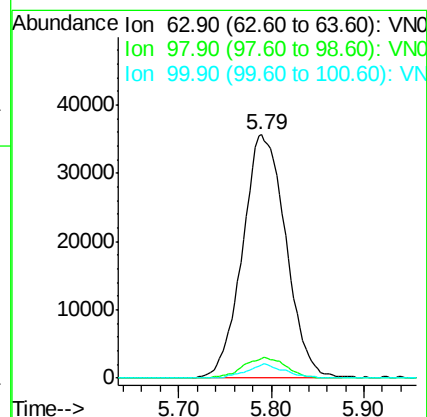
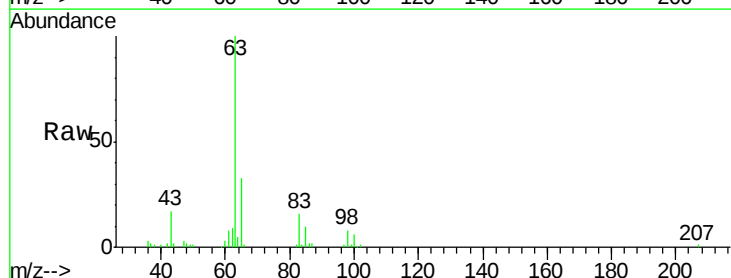
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01

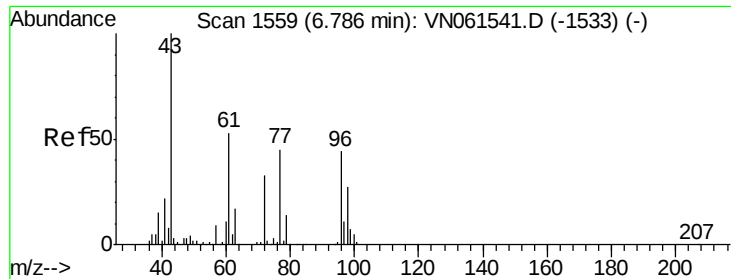
Tgt Ion: 43 Resp: 695071
 Ion Ratio Lower Upper
 43 100
 86 13.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 17.33 ug/l
 RT: 5.79 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: VN061689.D
 Acq: 8 Jun 2020 12:37

Tgt Ion: 63 Resp: 116069
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.8 11.4
 100 5.7 2.5 7.6

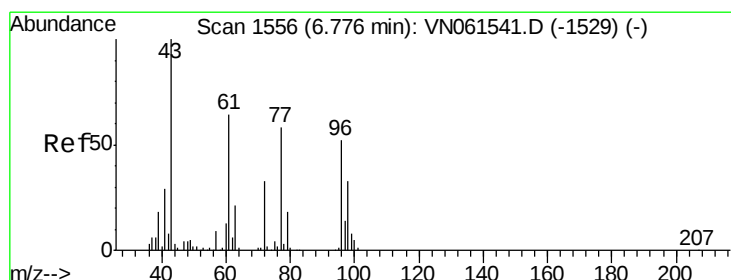
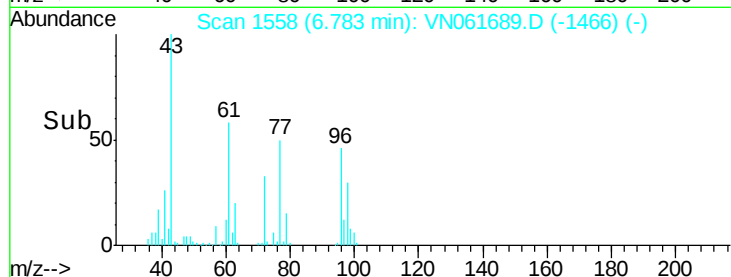
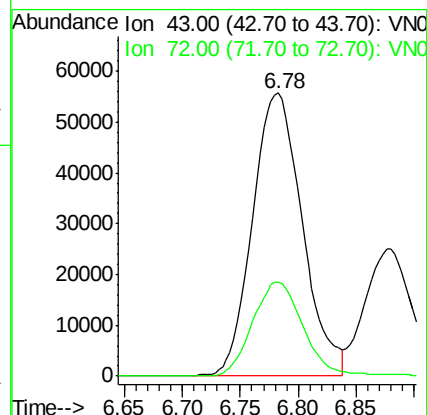
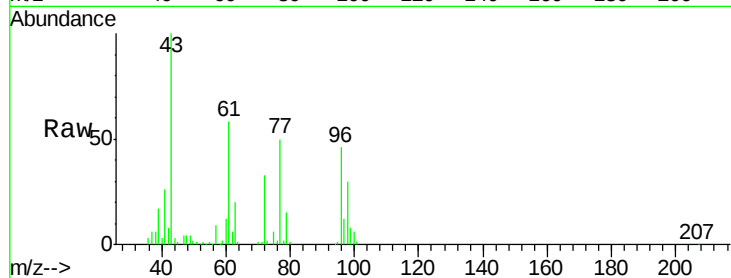




#25
2-Butanone
Concen: 82.13 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061689.D
Acq: 8 Jun 2020 12:37

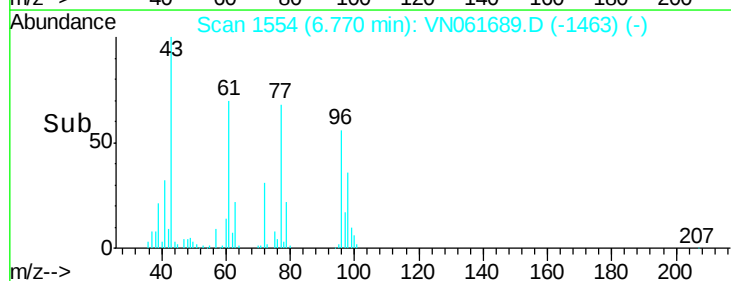
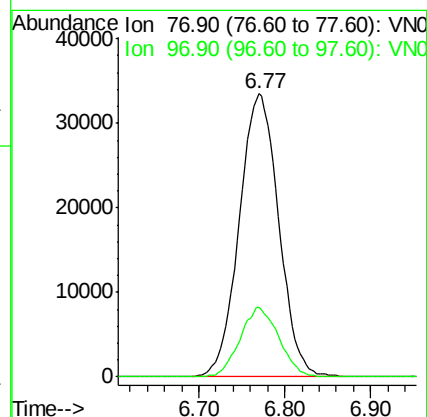
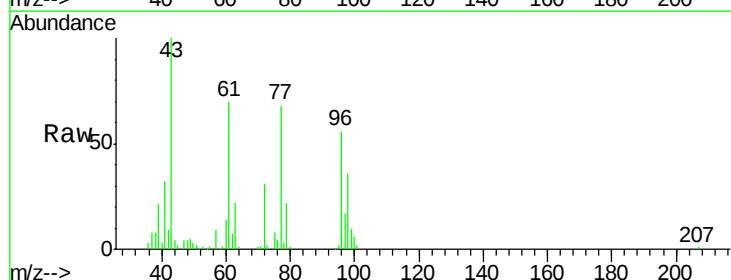
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

Tgt Ion: 43 Resp: 166368
Ion Ratio Lower Upper
43 100
72 33.3 26.0 39.0



#26
2,2-Dichloropropane
Concen: 17.43 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN061689.D
Acq: 8 Jun 2020 12:37

Tgt Ion: 77 Resp: 106863
Ion Ratio Lower Upper
77 100
97 24.0 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 17.71 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD01

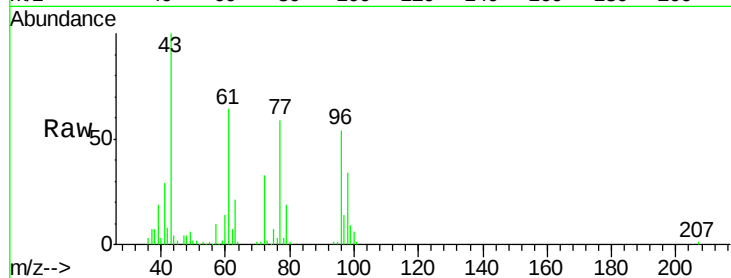
Tgt Ion: 96 Resp: 82901

Ion Ratio Lower Upper

96 100

61 126.1 0.0 252.2

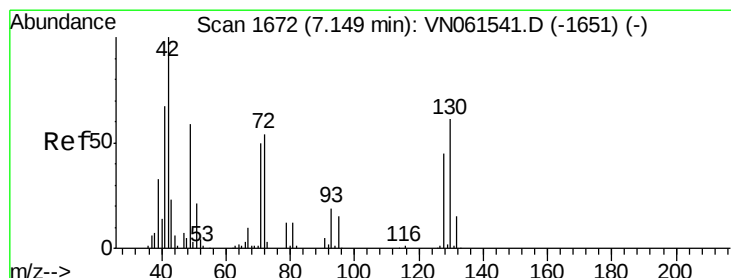
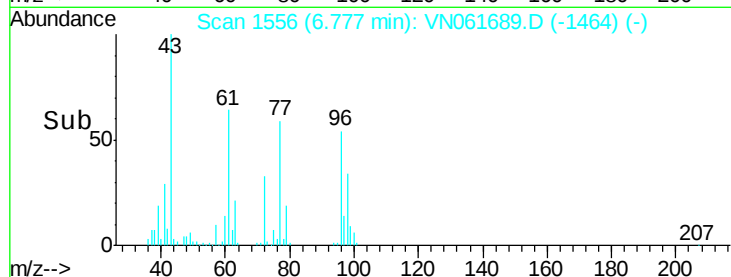
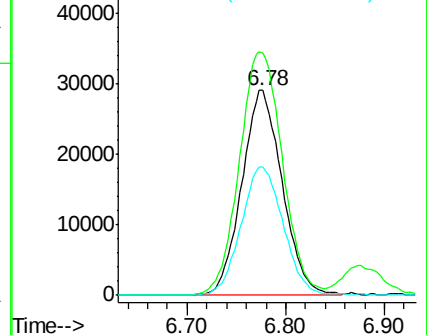
98 64.7 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN061689.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN061689.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN061689.D (-1464) (-)



#28

Bromochloromethane

Concen: 19.72 ug/l

RT: 7.14 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

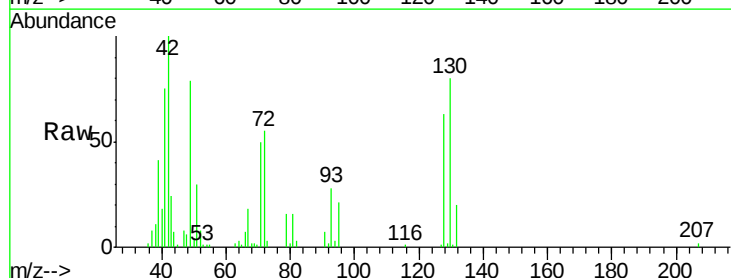
Tgt Ion: 49 Resp: 51720

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.8

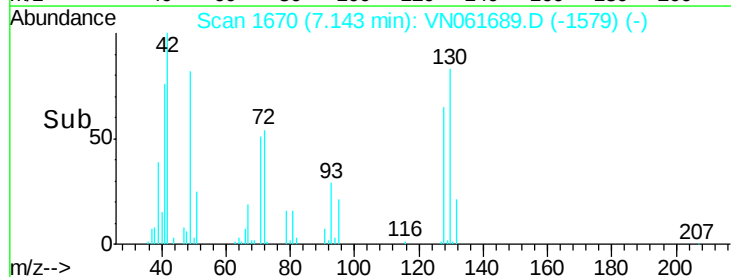
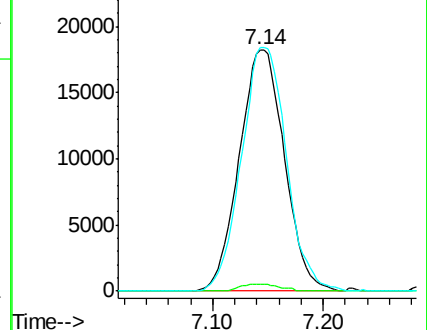
130 100.7 78.8 118.2

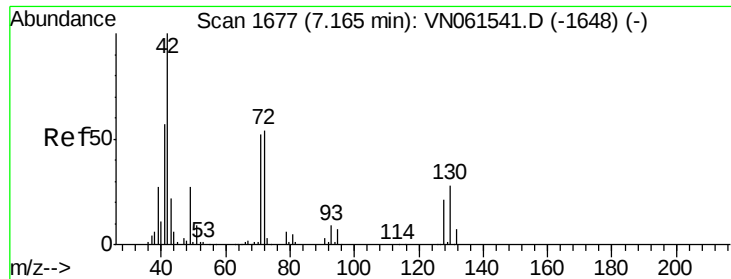


Abundance Ion 48.90 (48.60 to 49.60): VN061689.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN061689.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN061689.D (-1579) (-)

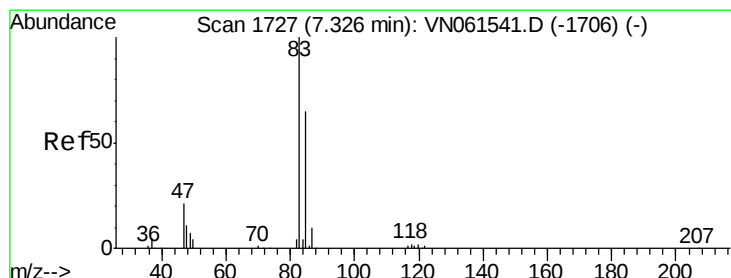
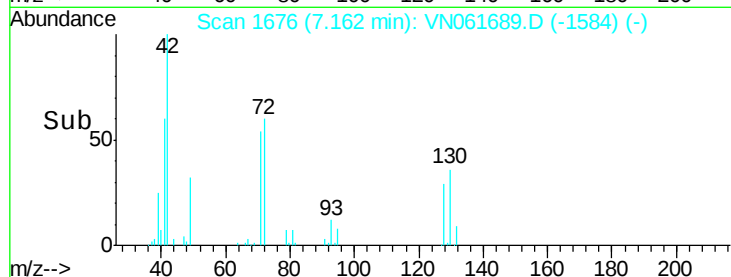
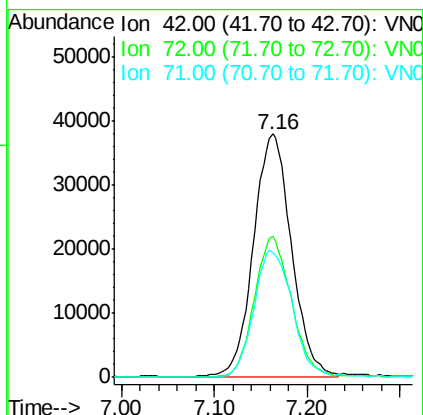
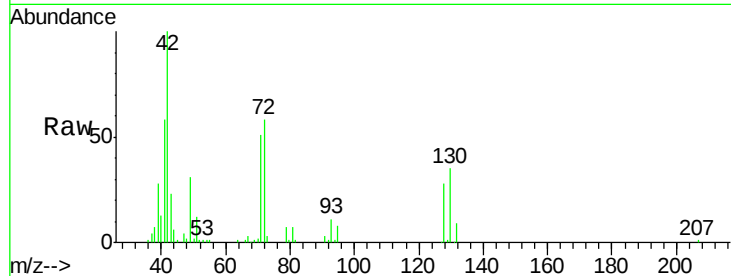




#29
Tetrahydrofuran
Concen: 81.42 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061689.D
Acq: 8 Jun 2020 12:37

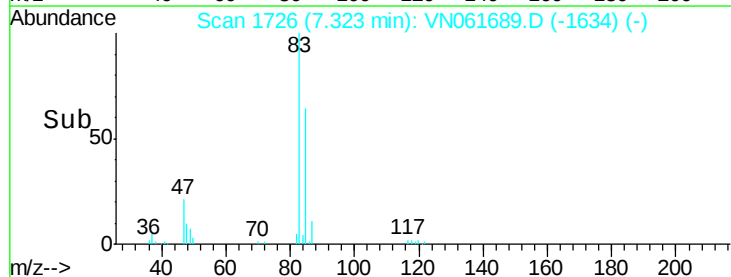
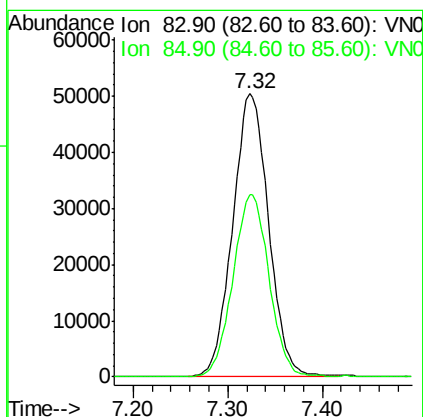
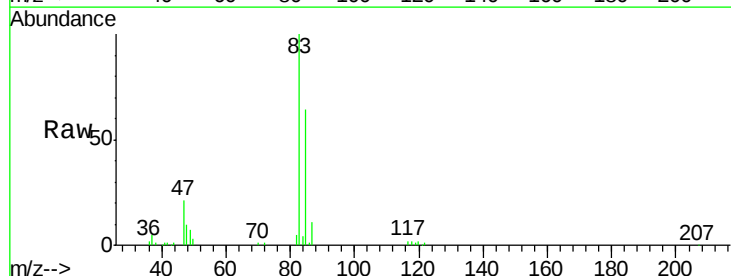
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

Tgt Ion: 42 Resp: 108751
Ion Ratio Lower Upper
42 100
72 56.3 43.6 65.4
71 52.3 41.2 61.8



#30
Chloroform
Concen: 17.97 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.00 min
Lab File: VN061689.D
Acq: 8 Jun 2020 12:37

Tgt Ion: 83 Resp: 133189
Ion Ratio Lower Upper
83 100
85 64.2 51.7 77.5





#31

Cyclohexane

Concen: 16.51 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD01

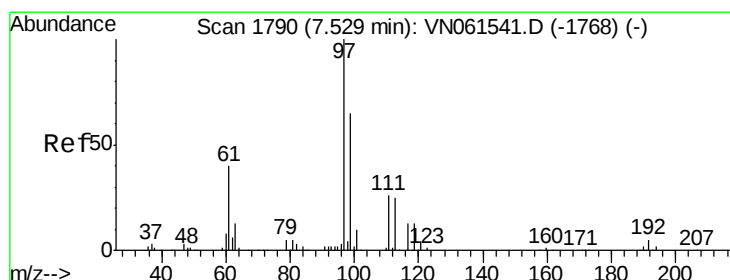
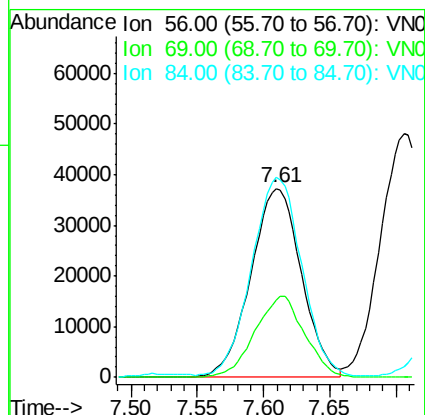
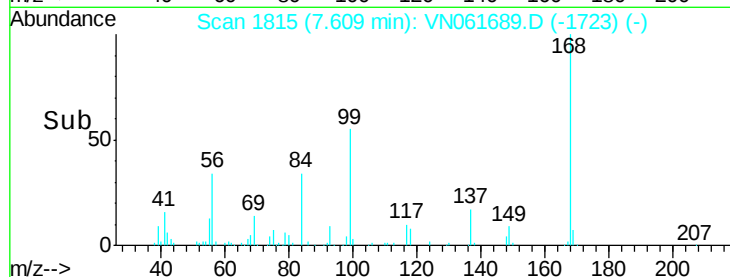
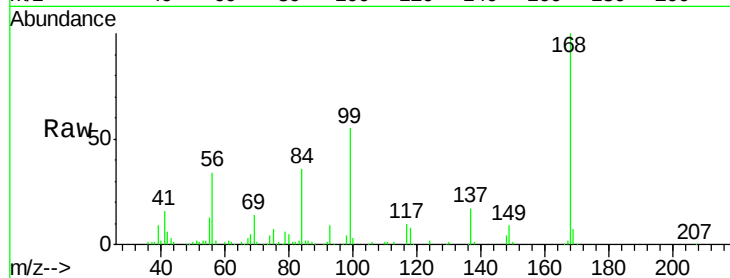
Tgt Ion: 56 Resp: 99469

Ion Ratio Lower Upper

56 100

69 40.7 27.8 41.8

84 104.4 79.9 119.9



#32

1,1,1-Trichloroethane

Concen: 17.17 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

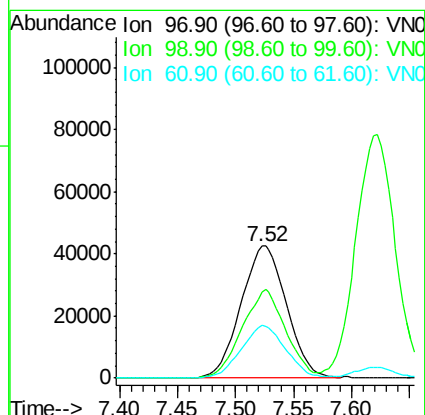
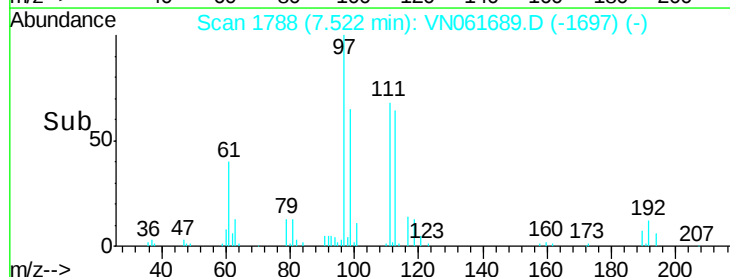
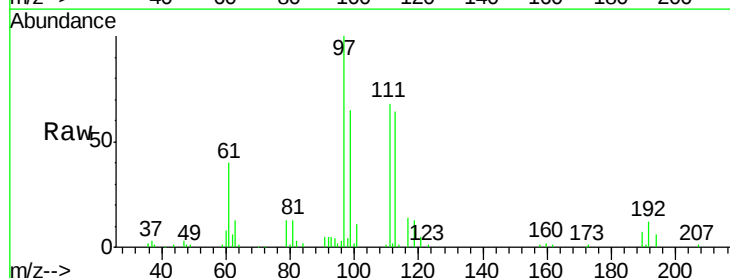
Tgt Ion: 97 Resp: 115911

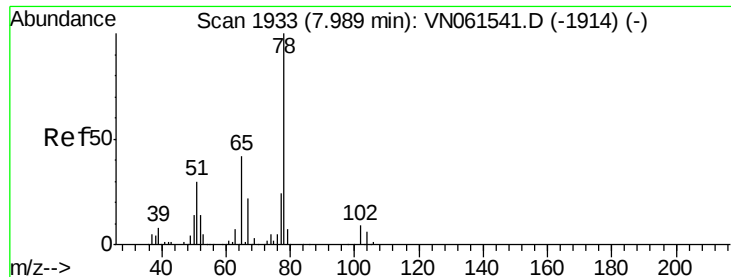
Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

61 39.1 31.4 47.0





#33

1,2-Dichloroethane-d4

Concen: 47.57 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

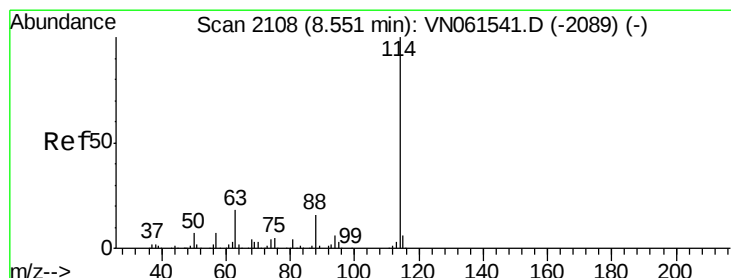
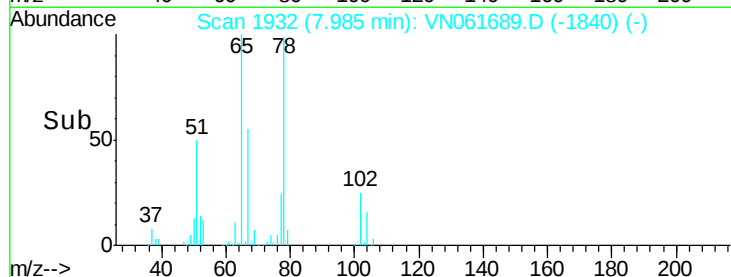
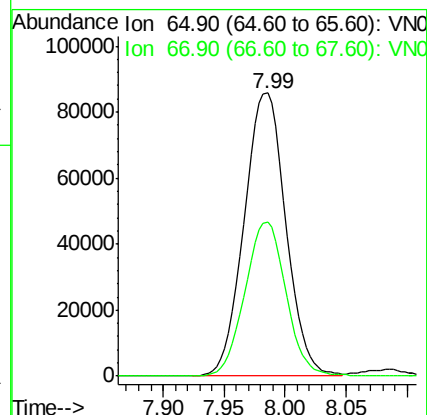
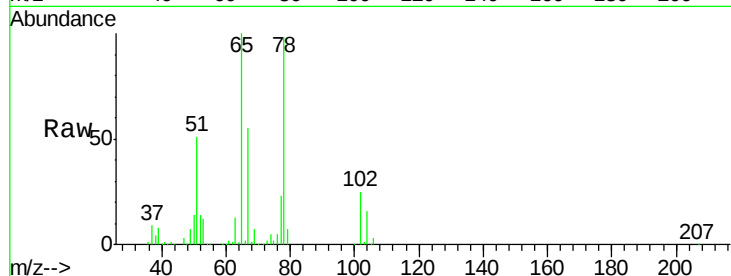
VN0608WBSD01

Tgt Ion: 65 Resp: 203327

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

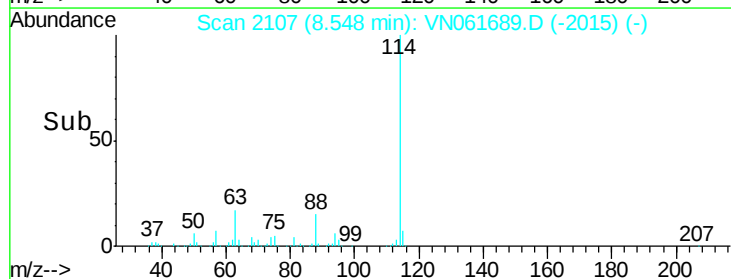
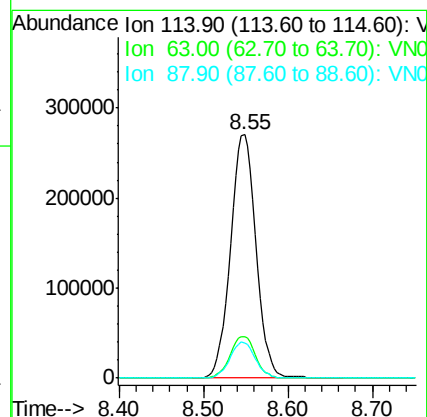
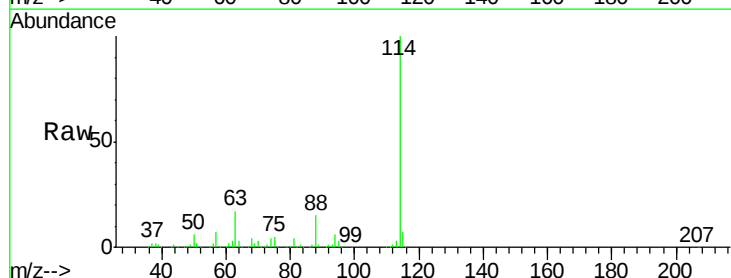
Tgt Ion: 114 Resp: 568501

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.8

88 14.6 0.0 31.0

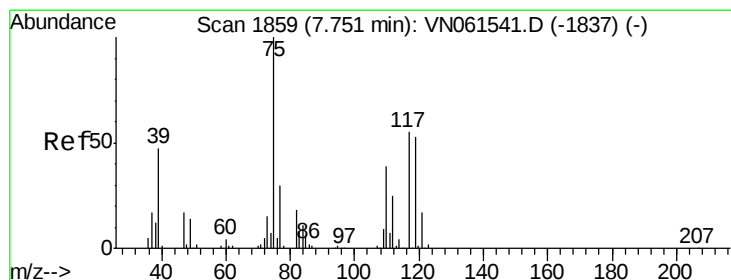
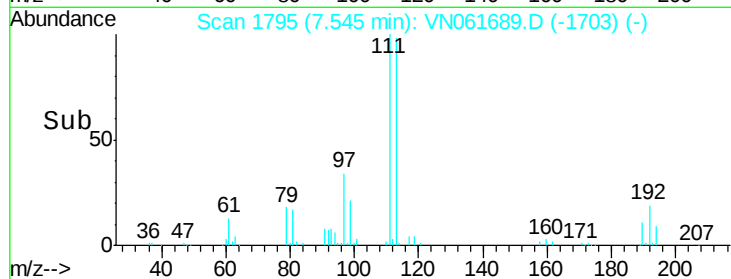
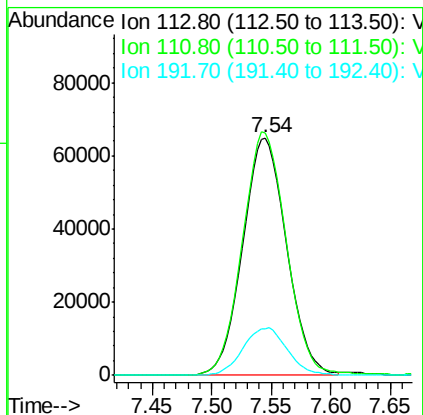
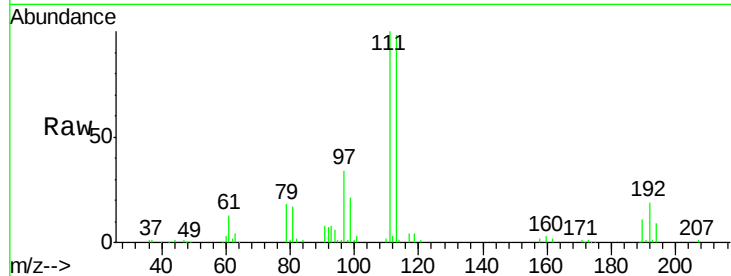




#35
 Dibromofluoromethane
 Concen: 57.31 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061689.D
 Acq: 8 Jun 2020 12:37

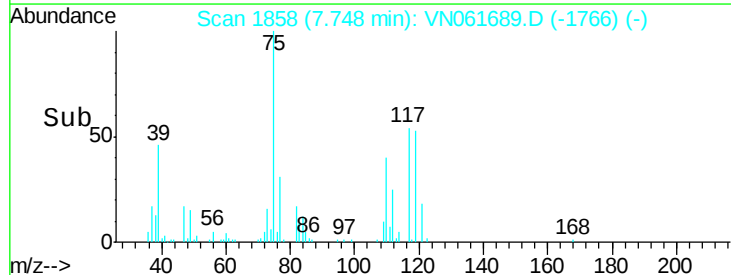
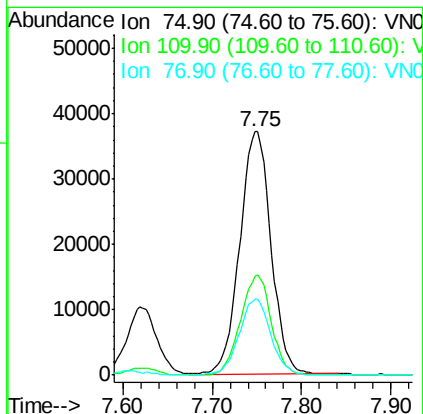
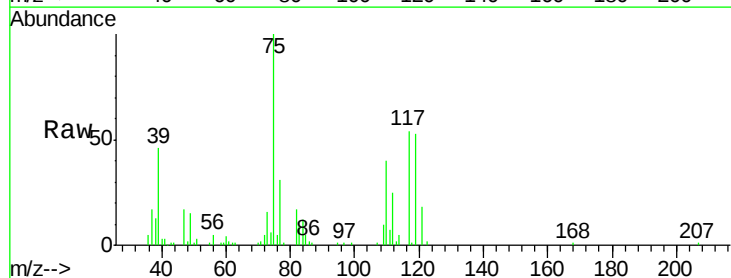
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01

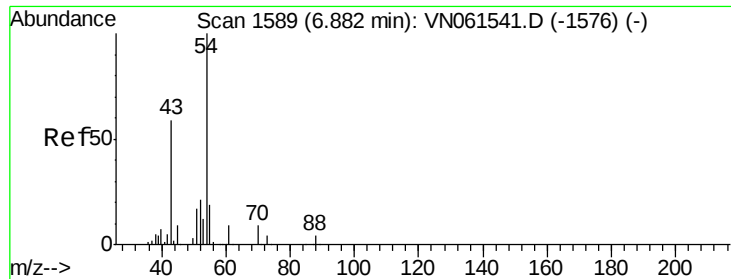
Tgt Ion:113 Resp: 165263
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.4 125.0
 192 20.2 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 17.99 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN061689.D
 Acq: 8 Jun 2020 12:37

Tgt Ion: 75 Resp: 90550
 Ion Ratio Lower Upper
 75 100
 110 40.4 19.5 58.5
 77 31.6 24.7 37.1

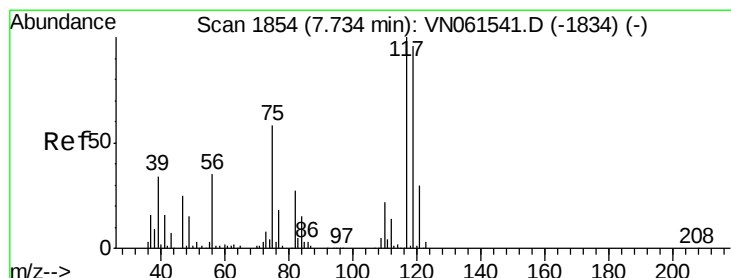
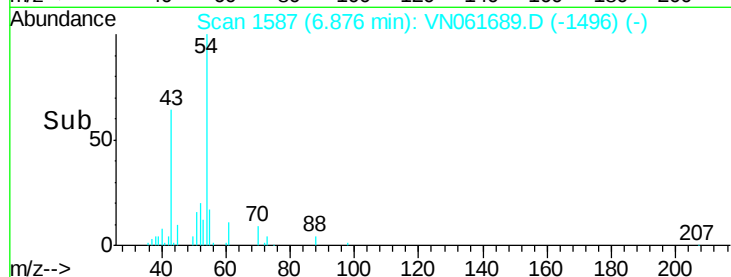
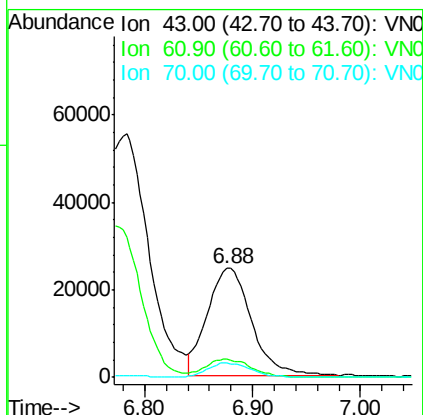
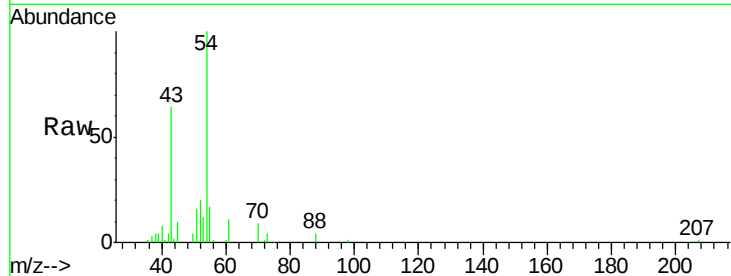




#37
 Ethyl Acetate
 Concen: 17.32 ug/l
 RT: 6.88 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: VN061689.D
 Acq: 8 Jun 2020 12:37

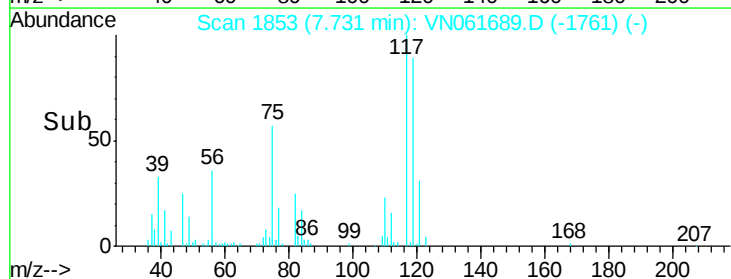
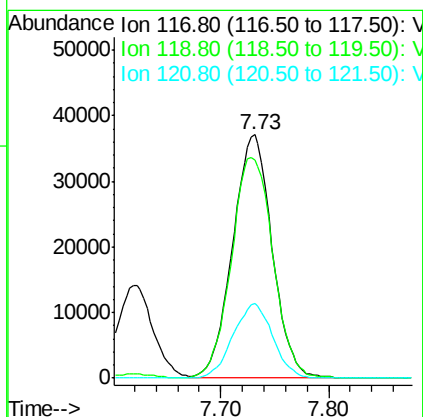
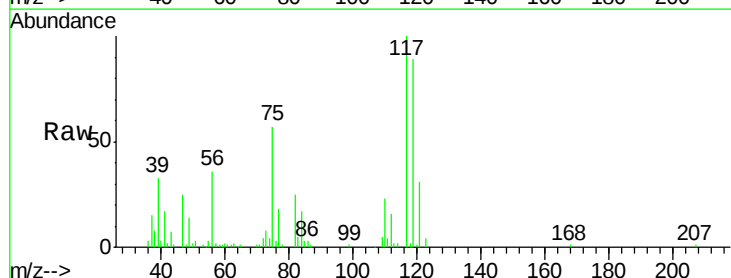
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01

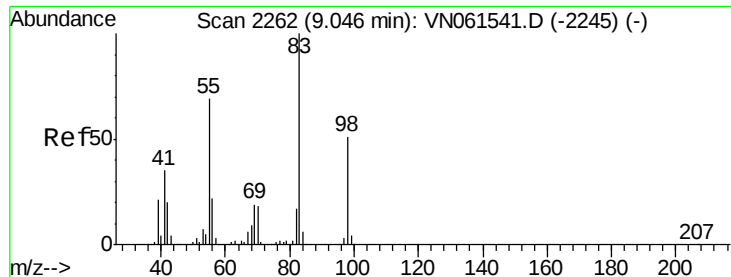
Tgt Ion: 43 Resp: 70224
 Ion Ratio Lower Upper
 43 100
 61 17.7 12.2 18.4
 70 13.1 9.4 14.2



#38
 Carbon Tetrachloride
 Concen: 19.45 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VN061689.D
 Acq: 8 Jun 2020 12:37

Tgt Ion: 117 Resp: 94401
 Ion Ratio Lower Upper
 117 100
 119 89.4 76.5 114.7
 121 30.9 24.1 36.1

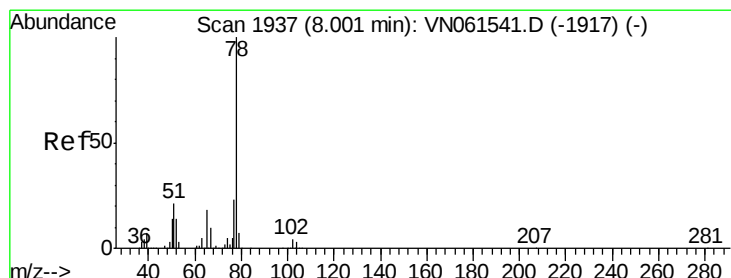
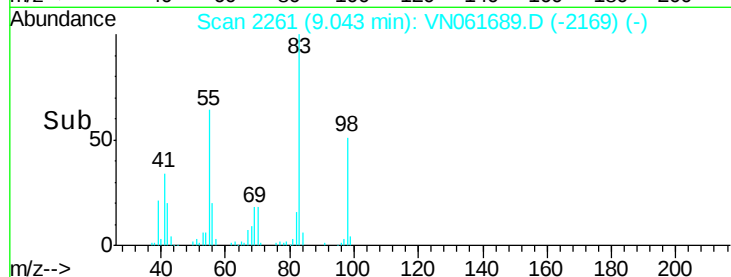
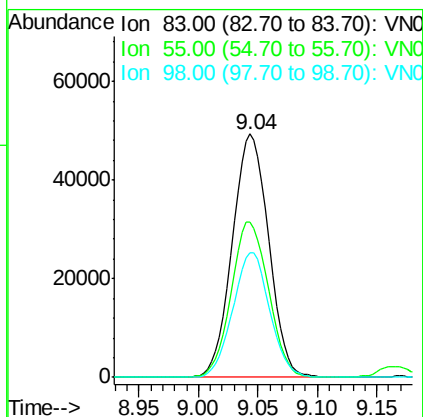
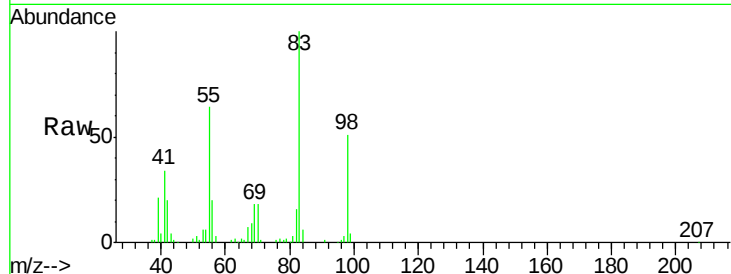




#39
Methylcyclohexane
Concen: 16.87 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061689.D
Acq: 8 Jun 2020 12:37

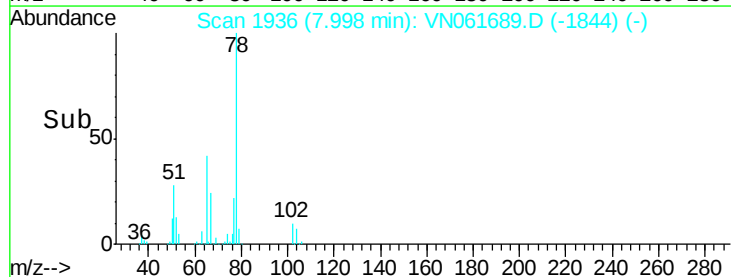
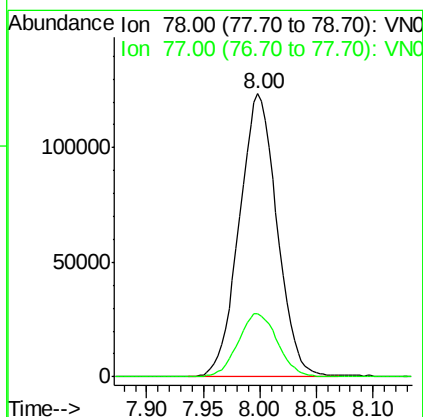
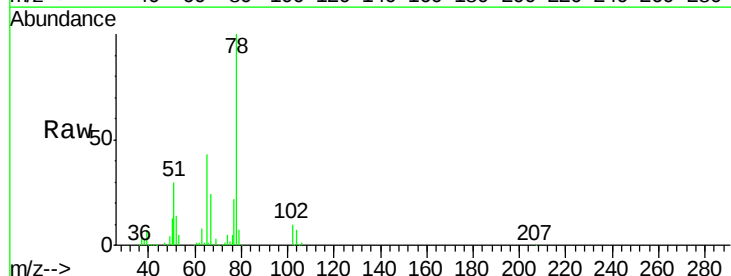
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

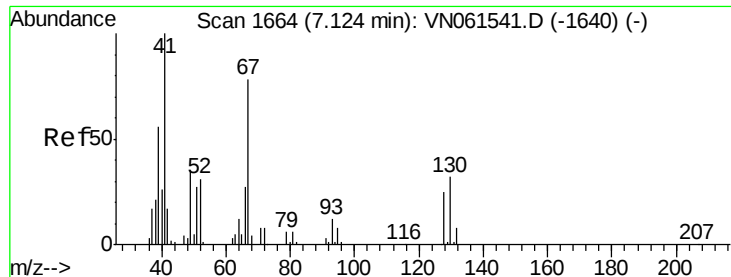
Tgt Ion: 83 Resp: 104665
Ion Ratio Lower Upper
83 100
55 63.8 54.9 82.3
98 51.4 41.0 61.4



#40
Benzene
Concen: 18.53 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061689.D
Acq: 8 Jun 2020 12:37

Tgt Ion: 78 Resp: 287661
Ion Ratio Lower Upper
78 100
77 22.3 18.6 28.0

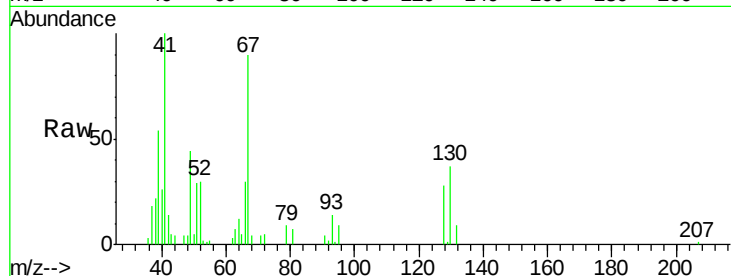




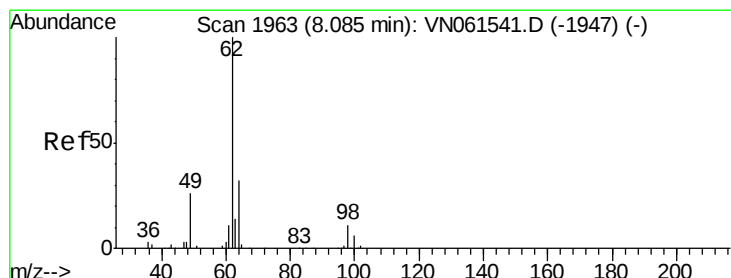
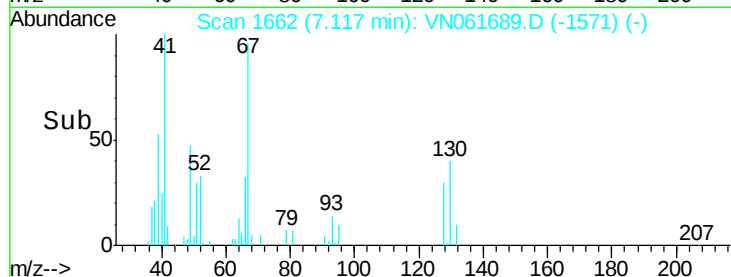
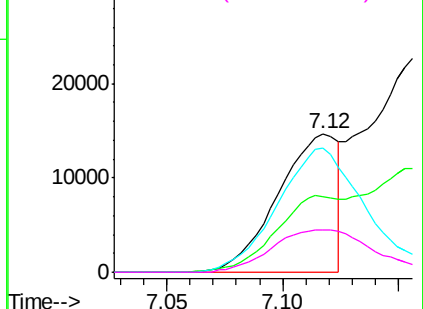
#41
Methacrylonitrile
Concen: 14.22 ug/l
RT: 7.12 min Scan# 1662
Delta R.T. -0.01 min
Lab File: VN061689.D
Acq: 8 Jun 2020 12:37

Instrument :
MSVOA_N
ClientSampled :
VN0608WBSD01

Tgt Ion: 41 Resp: 26402
Ion Ratio Lower Upper
41 100
39 56.4 53.8 80.6
67 131.5 91.1 136.7
52 51.2 36.0 54.0

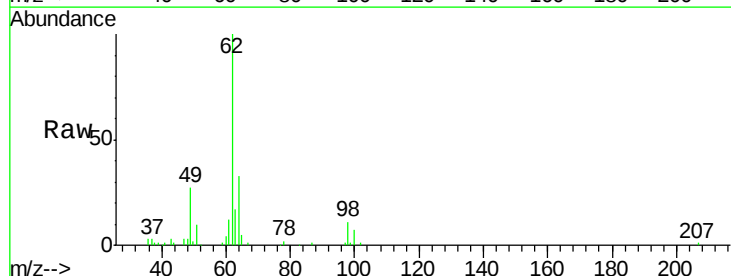


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

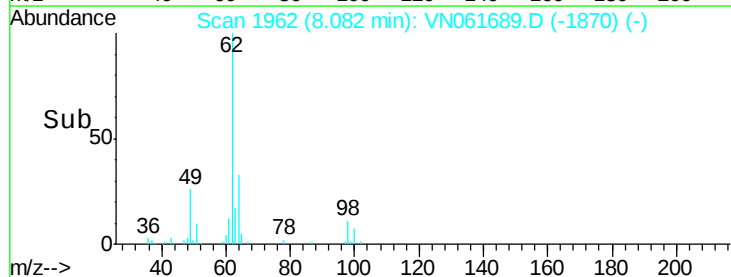
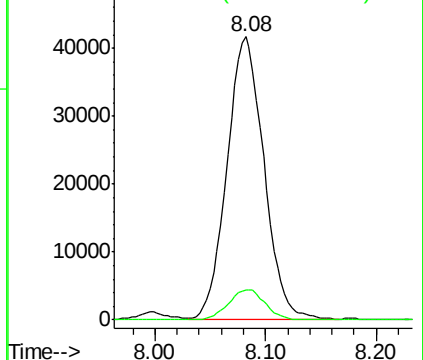


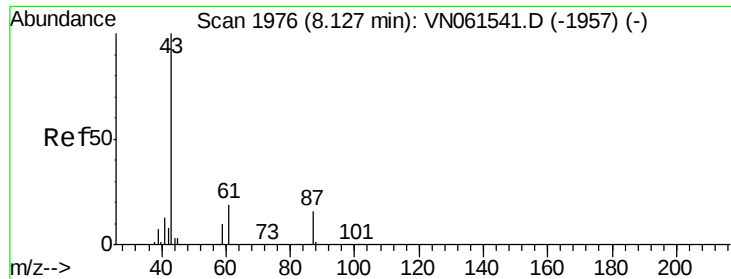
#42
1,2-Dichloroethane
Concen: 18.68 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061689.D
Acq: 8 Jun 2020 12:37

Tgt Ion: 62 Resp: 97101
Ion Ratio Lower Upper
62 100
98 10.5 0.0 21.4



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





#43

Isopropyl Acetate

Concen: 17.12 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD01

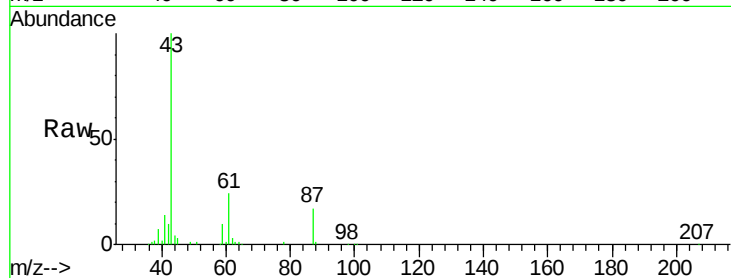
Tgt Ion: 43 Resp: 124825

Ion Ratio Lower Upper

43 100

61 31.8 23.6 35.4

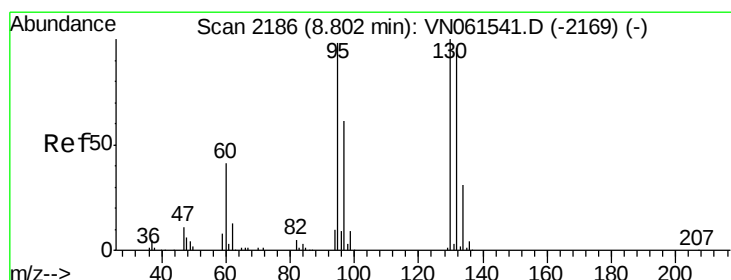
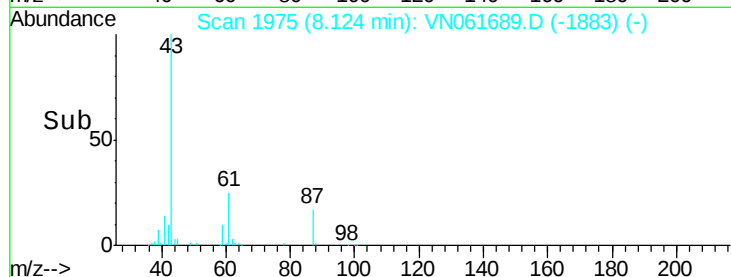
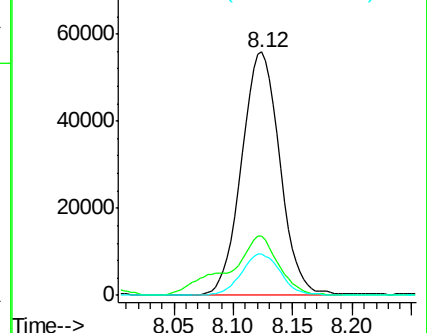
87 17.3 13.0 19.6



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN061541.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN061541.D (-1957) (-)



#44

Trichloroethene

Concen: 18.46 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061689.D

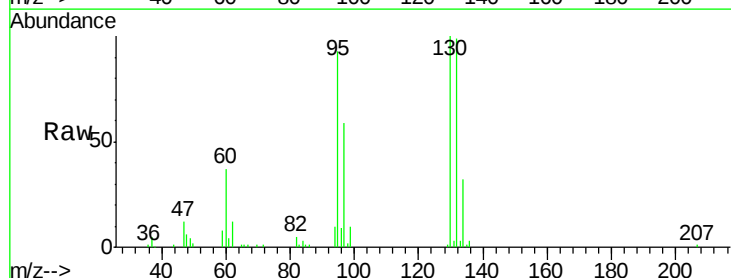
Acq: 8 Jun 2020 12:37

Tgt Ion: 130 Resp: 88081

Ion Ratio Lower Upper

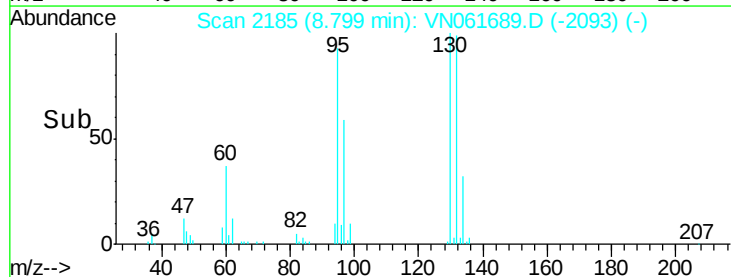
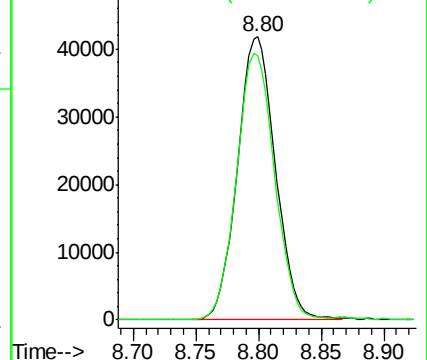
130 100

95 93.1 0.0 196.6



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

Ion 94.90 (94.60 to 95.60): VN061541.D (-2169) (-)





#45

1,2-Dichloropropane

Concen: 18.91 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

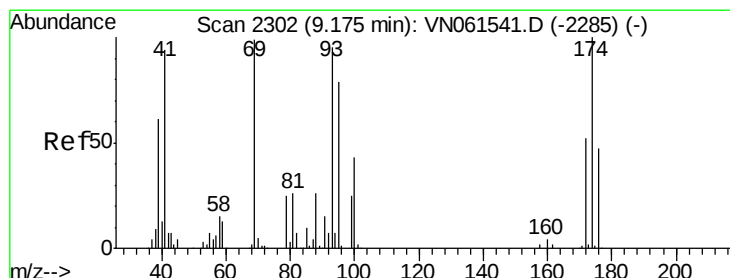
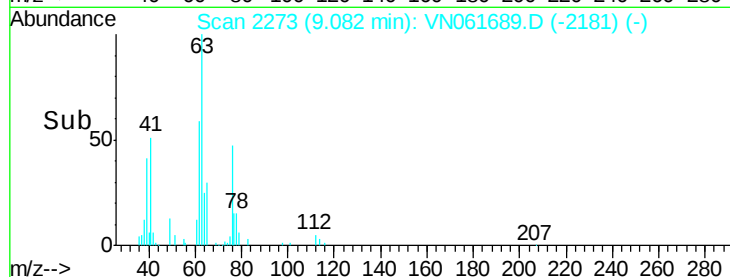
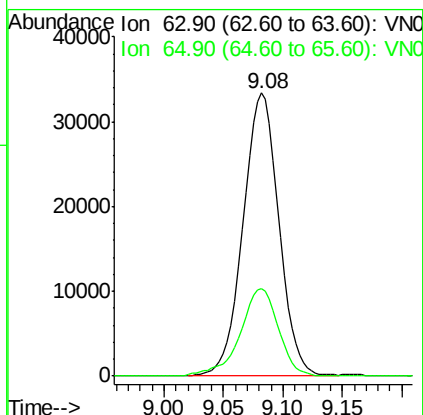
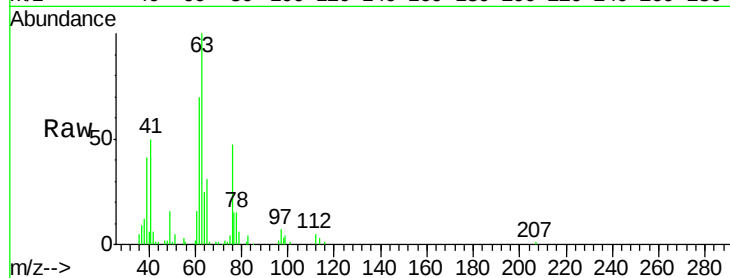
VN0608WBSD01

Tgt Ion: 63 Resp: 69725

Ion Ratio Lower Upper

63 100

65 31.0 24.7 37.1



#46

Dibromomethane

Concen: 19.13 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

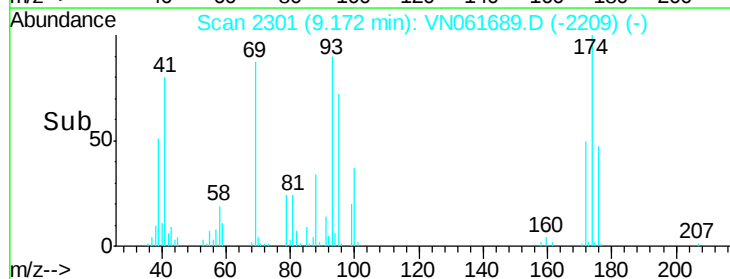
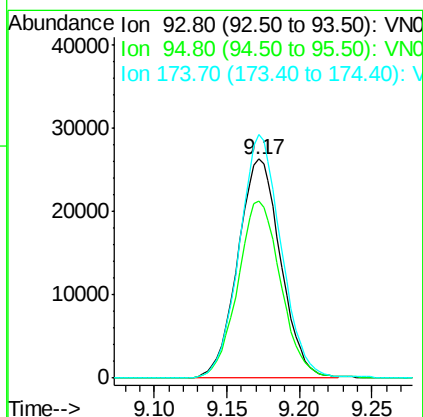
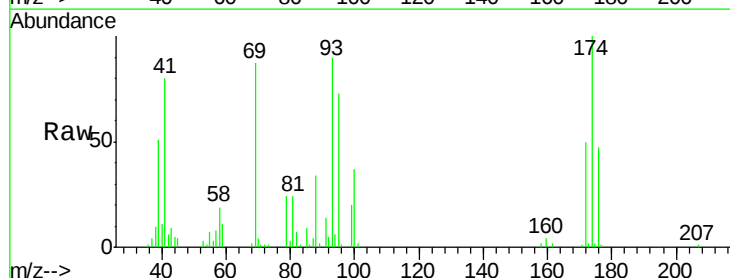
Tgt Ion: 93 Resp: 54105

Ion Ratio Lower Upper

93 100

95 81.1 66.0 99.0

174 108.1 82.5 123.7





#47

Bromodichloromethane

Concen: 19.02 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Instrument :

MSVOA_N

ClientSampled :

VN0608WBSD01

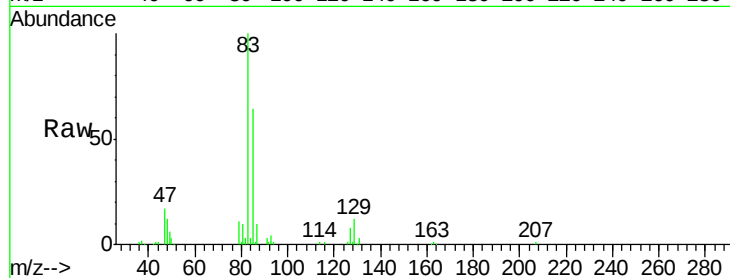
Tgt Ion: 83 Resp: 106542

Ion Ratio Lower Upper

83 100

85 64.4 51.1 76.7

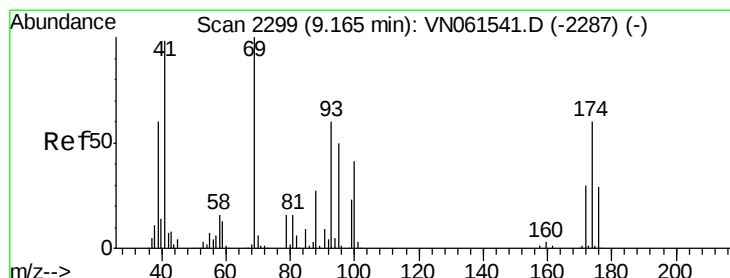
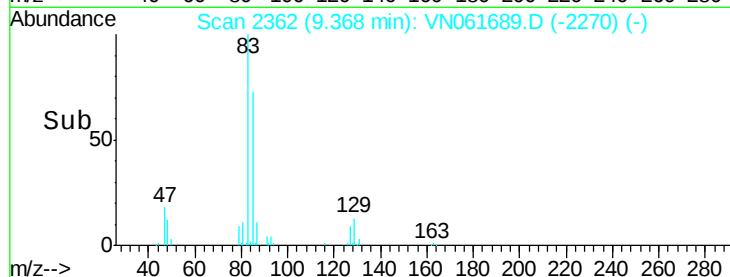
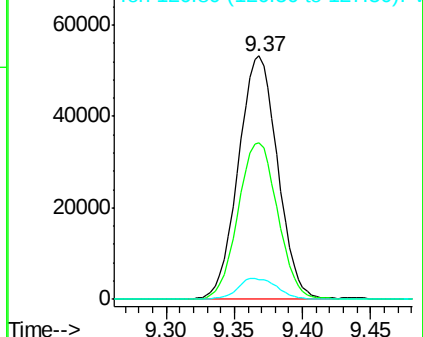
127 8.2 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061689.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061689.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061689.D (-2270) (-)



#48

Methyl methacrylate

Concen: 16.16 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

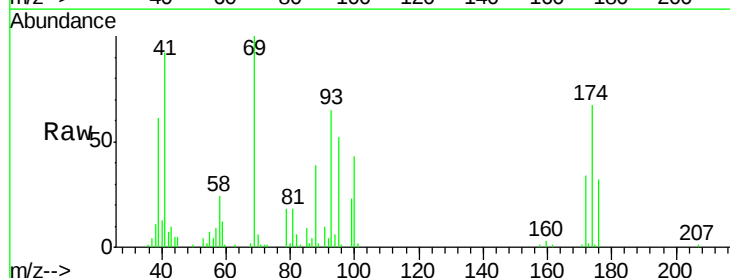
Tgt Ion: 41 Resp: 53028

Ion Ratio Lower Upper

41 100

69 112.2 83.9 125.9

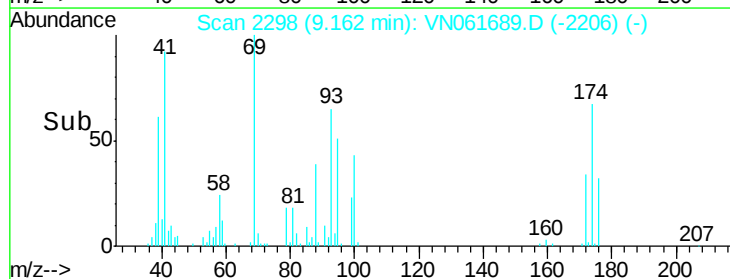
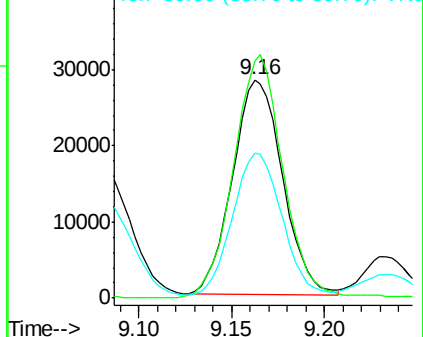
39 67.1 52.1 78.1



Abundance Ion 41.00 (40.70 to 41.70): VN061689.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061689.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061689.D (-2206) (-)

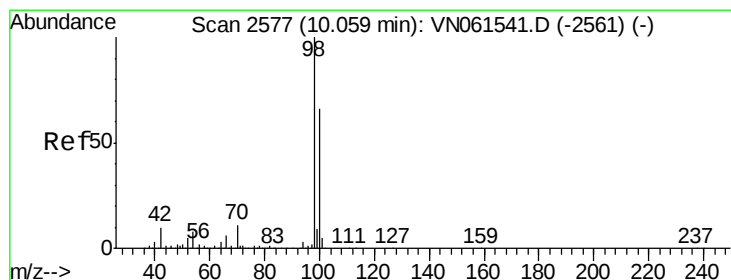
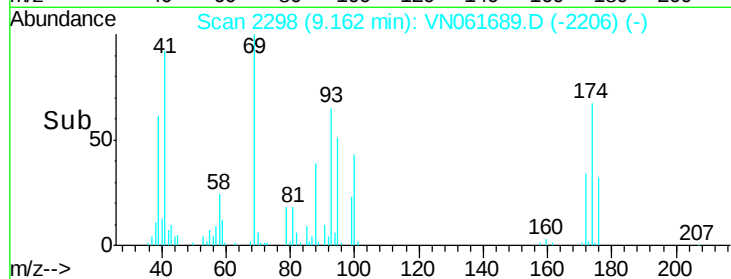
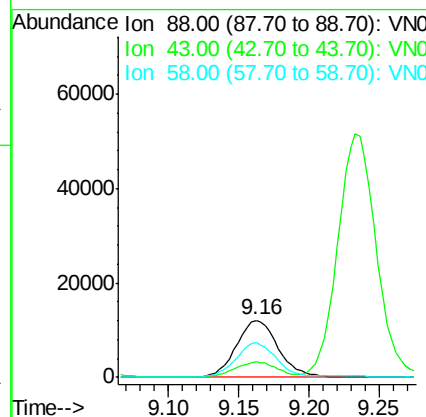
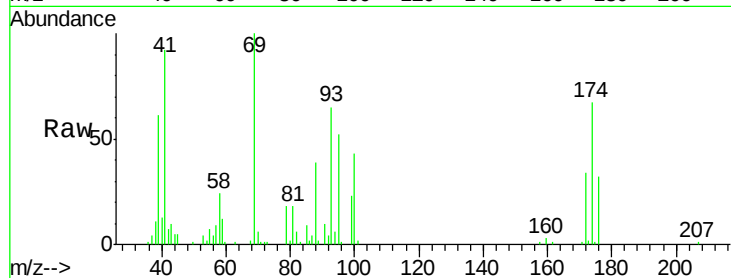




#49
 1,4-Dioxane
 Concen: 493.80 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VN061689.D
 Acq: 8 Jun 2020 12:37

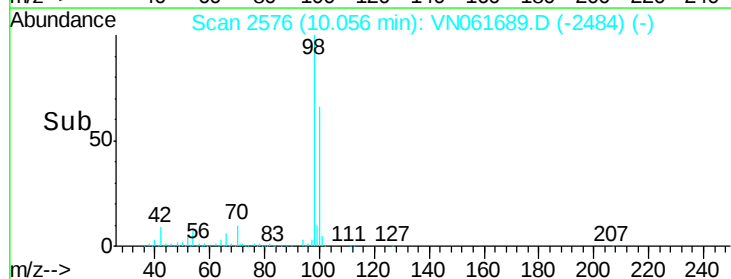
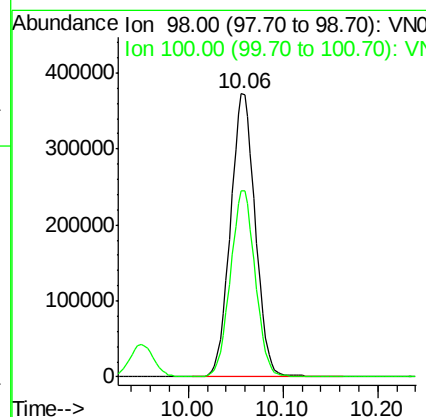
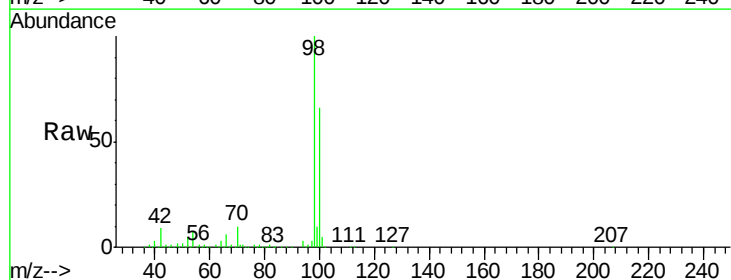
Instrument :
 MSVOA_N
 ClientSampled :
 VN0608WBSD01

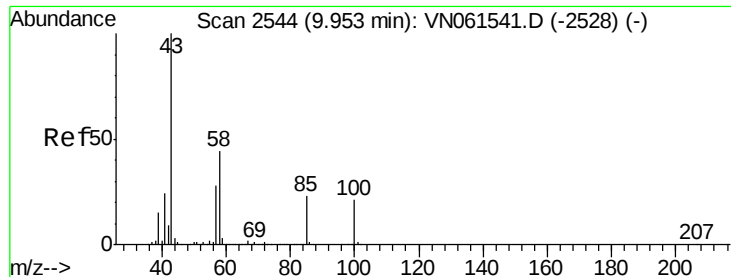
Tgt Ion: 88 Resp: 25100
 Ion Ratio Lower Upper
 88 100
 43 27.8 23.1 34.7
 58 58.5 48.3 72.5



#50
 Toluene-d8
 Concen: 50.86 ug/l
 RT: 10.06 min Scan# 2576
 Delta R.T. -0.00 min
 Lab File: VN061689.D
 Acq: 8 Jun 2020 12:37

Tgt Ion: 98 Resp: 679691
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 86.02 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Instrument :

MSVOA_N

ClientSampled :

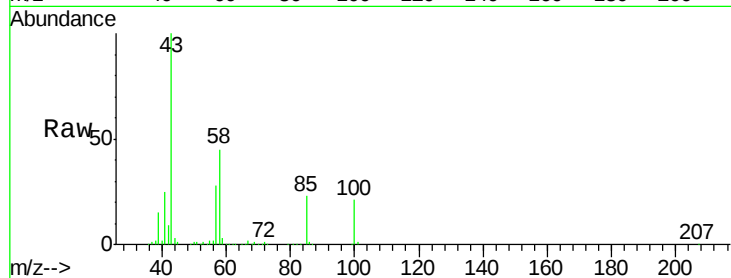
VN0608WBSD01

Tgt Ion: 43 Resp: 353508

Ion Ratio Lower Upper

43 100

58 45.7 35.0 52.6



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN061541.D (-2528) (-)

9.95

200000

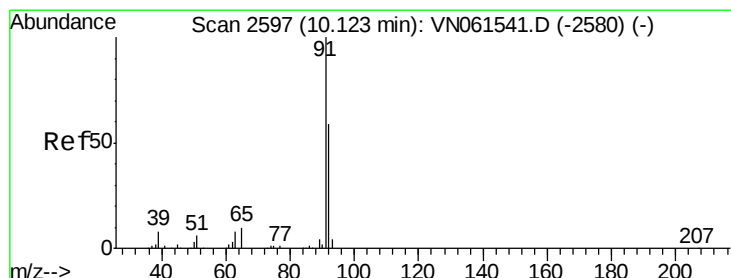
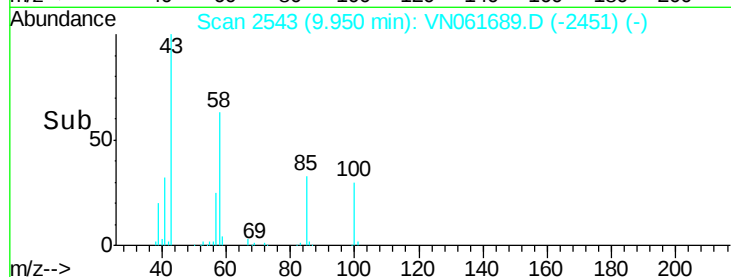
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.88 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061689.D

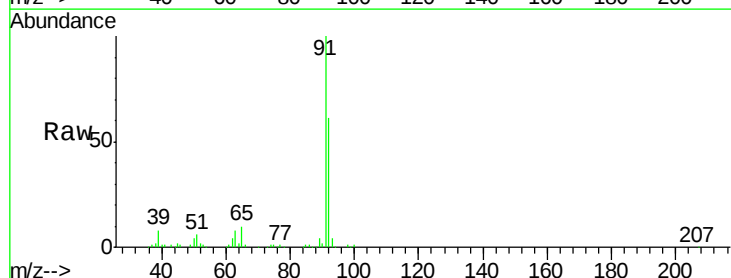
Acq: 8 Jun 2020 12:37

Tgt Ion: 92 Resp: 191310

Ion Ratio Lower Upper

92 100

91 169.7 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VN061541.D (-2580) (-)

Ion 91.00 (90.70 to 91.70): VN061541.D (-2580) (-)

10.12

200000

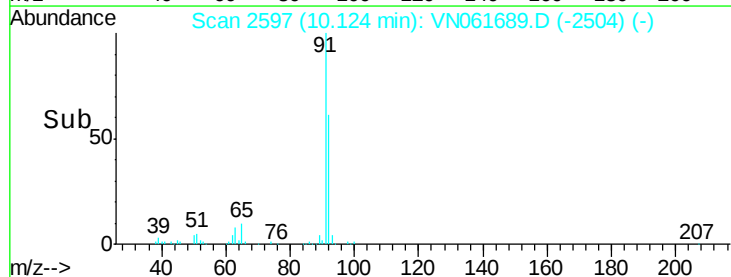
150000

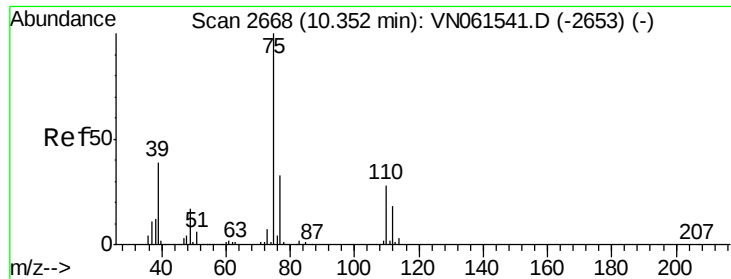
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.52 ug/l

RT: 10.35 min Scan# 2667

Delta R.T. -0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

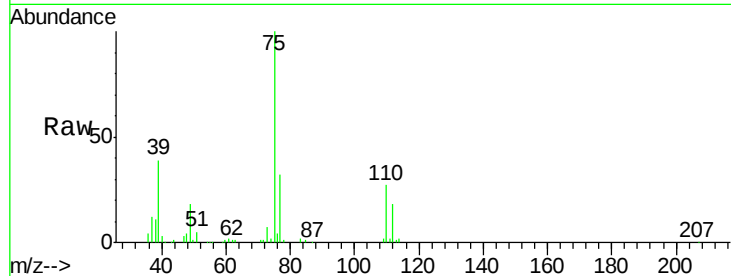
VN0608WBSD01

Tgt Ion: 75 Resp: 111808

Ion Ratio Lower Upper

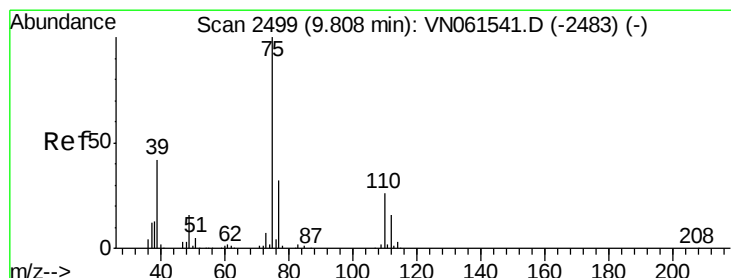
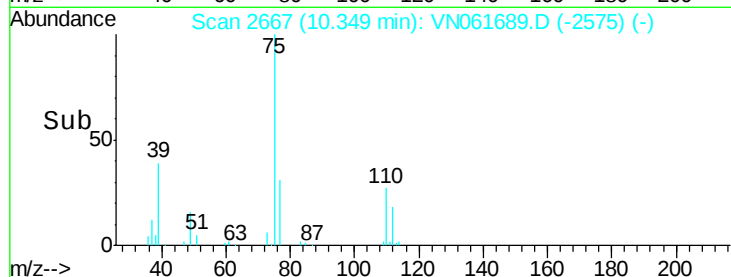
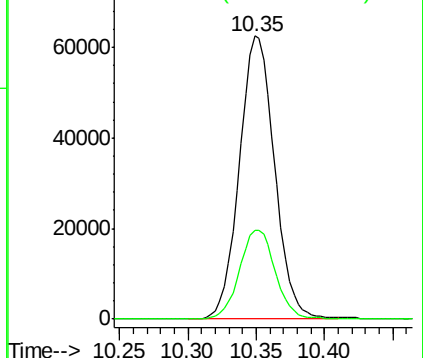
75 100

77 31.6 26.2 39.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.53 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

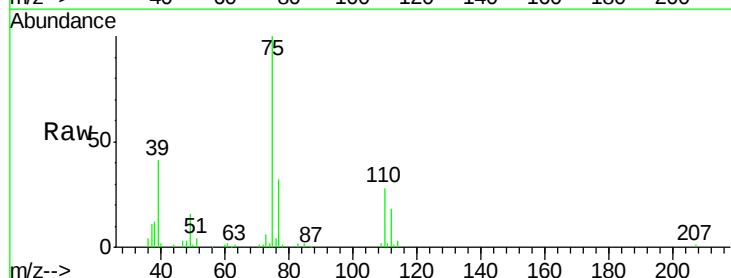
Tgt Ion: 75 Resp: 120240

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2

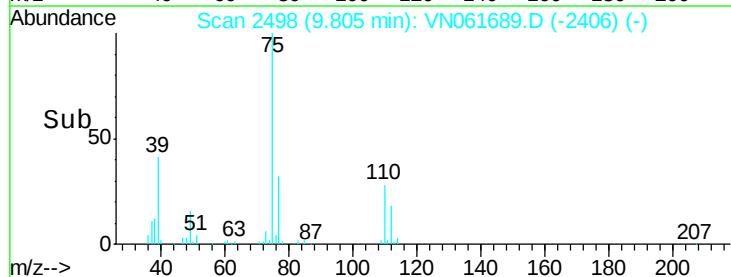
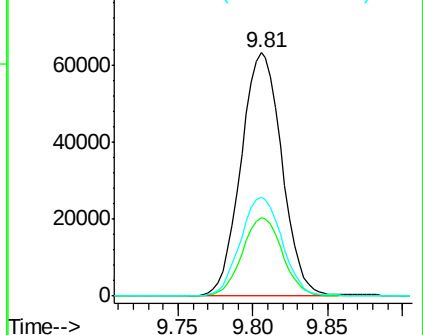
39 40.7 33.8 50.6

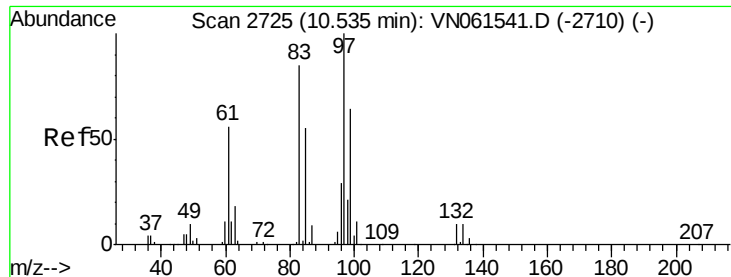


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

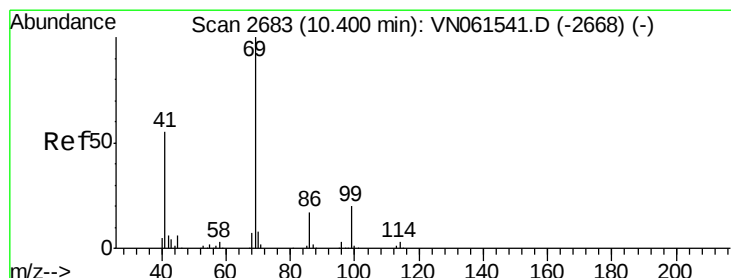
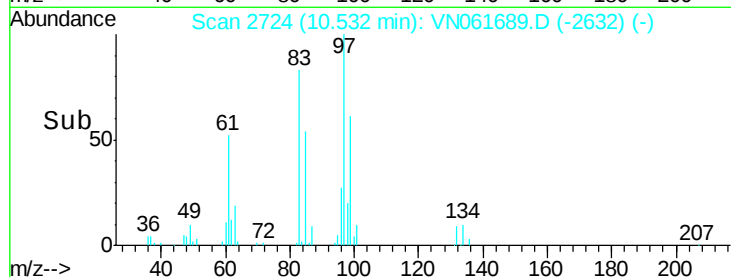
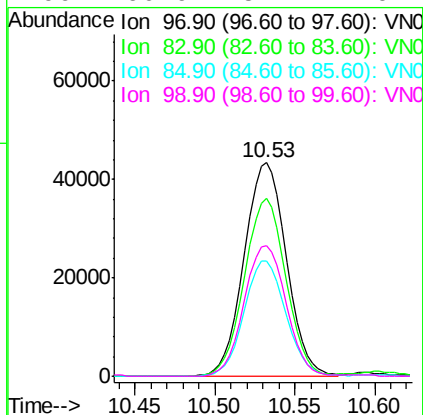
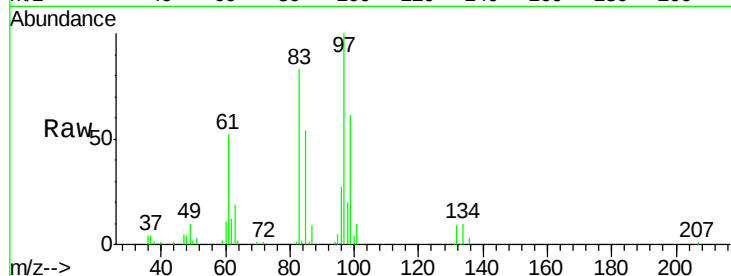




#55
 1,1,2-Trichloroethane
 Concen: 19.44 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061689.D
 Acq: 8 Jun 2020 12:37

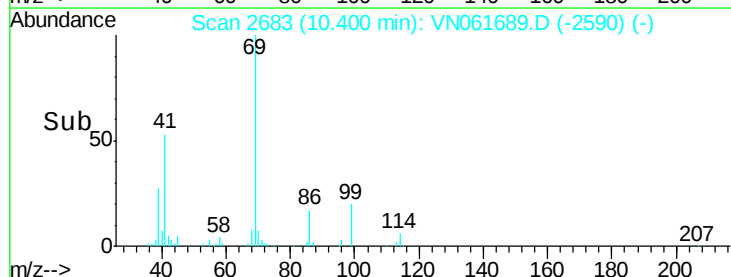
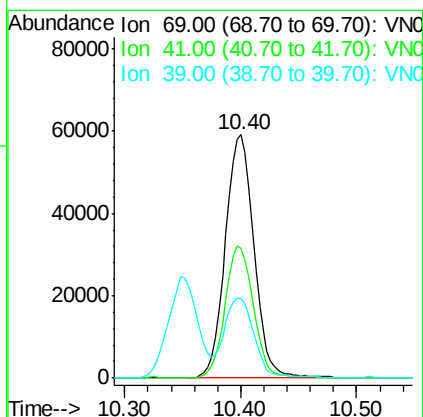
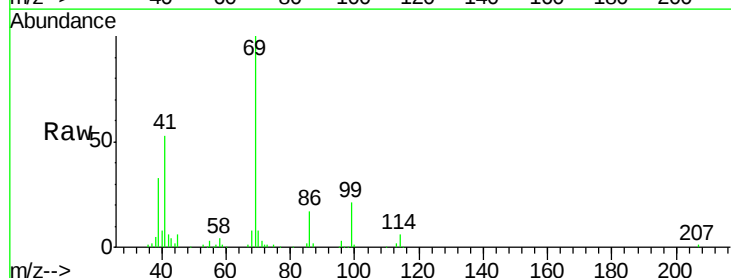
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01

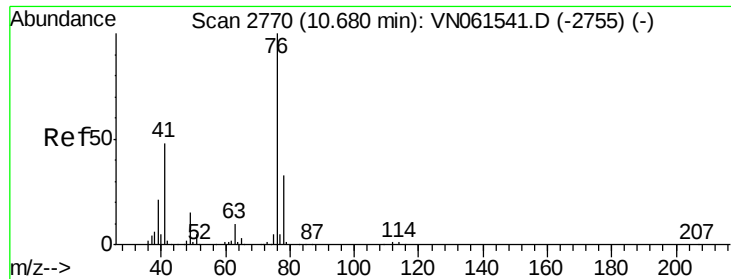
Tgt Ion: 97 Resp: 78485
 Ion Ratio Lower Upper
 97 100
 83 83.2 68.1 102.1
 85 53.7 44.1 66.1
 99 60.9 51.1 76.7



#56
 Ethyl methacrylate
 Concen: 18.01 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061689.D
 Acq: 8 Jun 2020 12:37

Tgt Ion: 69 Resp: 101610
 Ion Ratio Lower Upper
 69 100
 41 52.7 43.5 65.3
 39 33.6 27.0 40.6

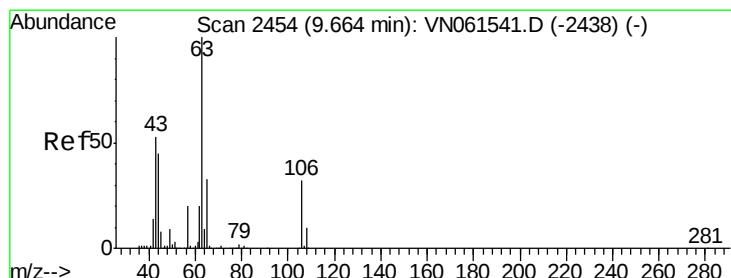
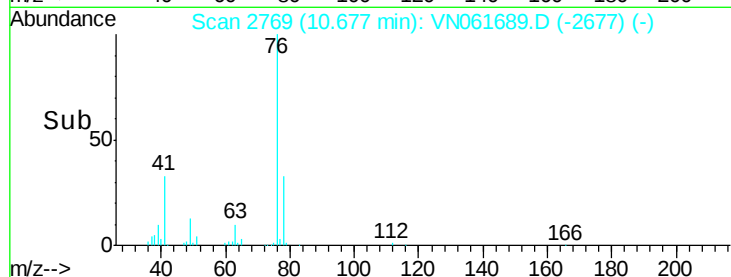
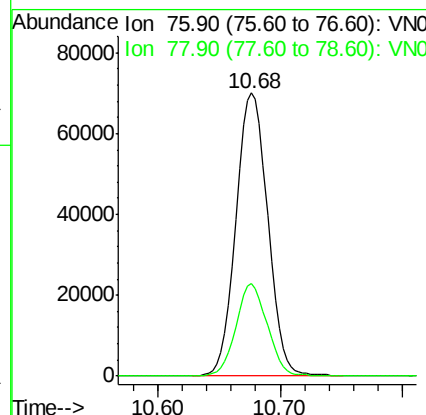
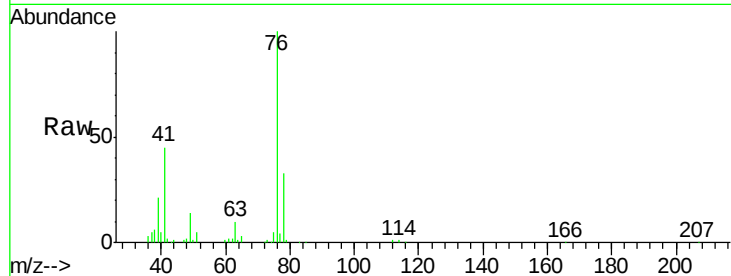




#57
 1,3-Dichloropropane
 Concen: 19.71 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061689.D
 Acq: 8 Jun 2020 12:37

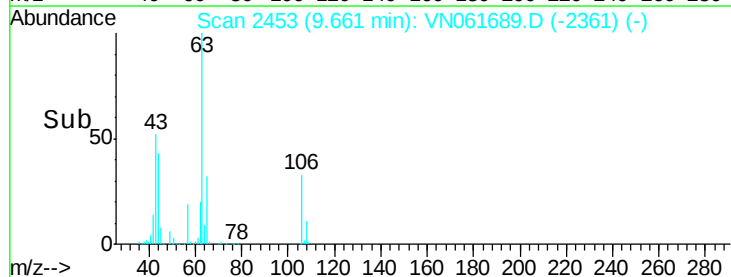
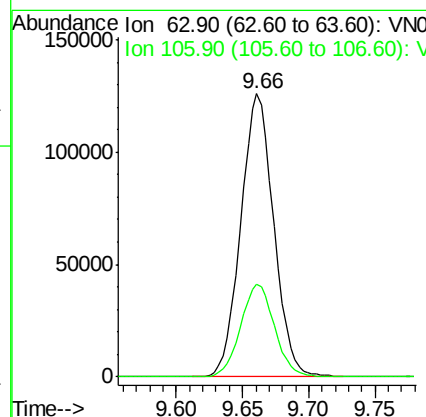
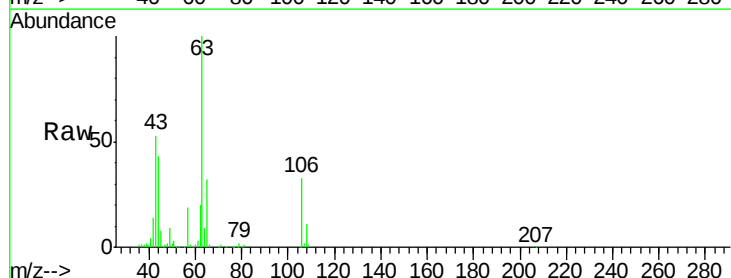
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01

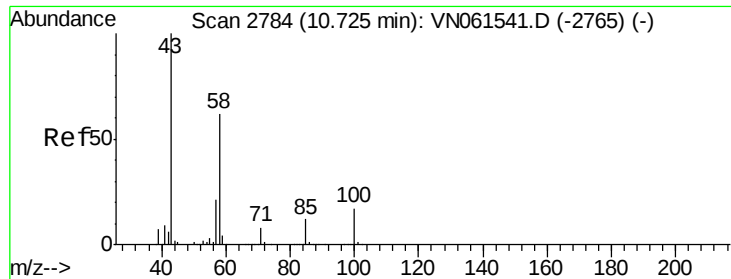
Tgt Ion: 76 Resp: 127294
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.21 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061689.D
 Acq: 8 Jun 2020 12:37

Tgt Ion: 63 Resp: 217451
 Ion Ratio Lower Upper
 63 100
 106 33.7 25.9 38.9

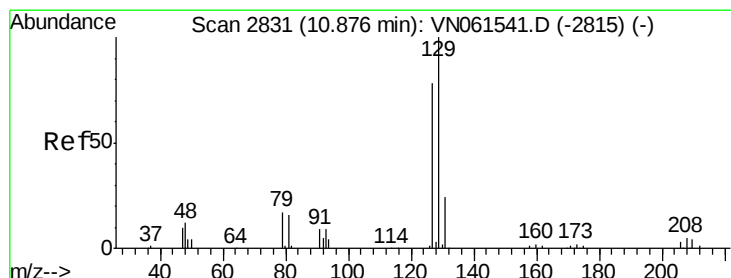
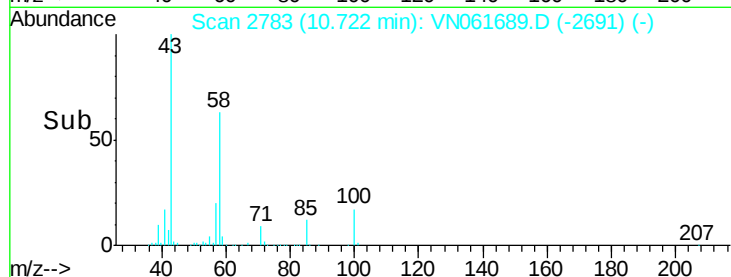
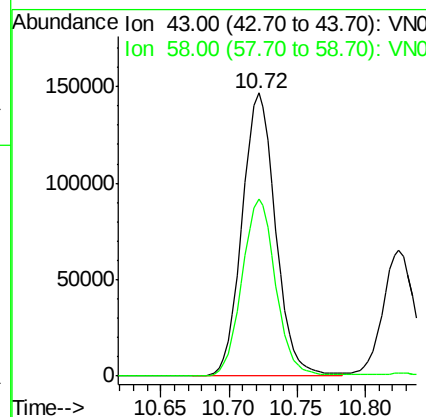
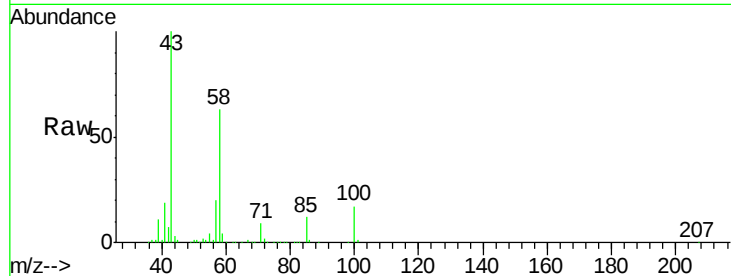




#59
2-Hexanone
Concen: 84.92 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061689.D
Acq: 8 Jun 2020 12:37

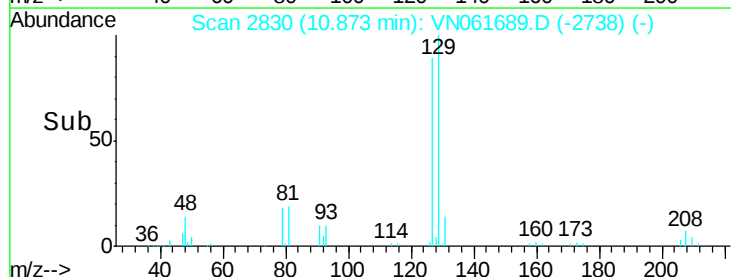
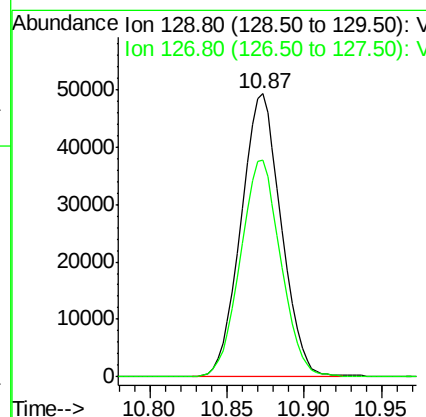
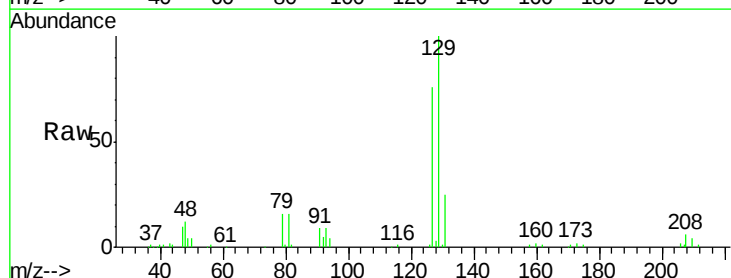
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

Tgt Ion: 43 Resp: 250636
Ion Ratio Lower Upper
43 100
58 63.1 30.7 92.1



#60
Dibromochloromethane
Concen: 19.38 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061689.D
Acq: 8 Jun 2020 12:37

Tgt Ion: 129 Resp: 88982
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.23 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

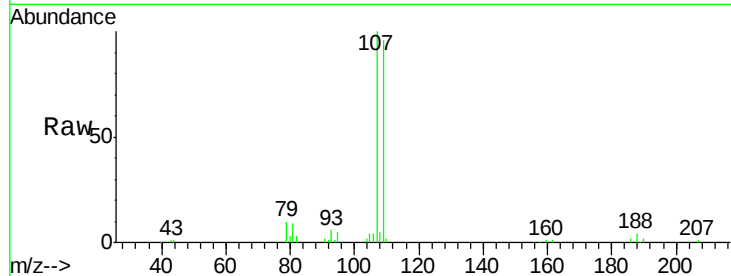
VN0608WBSD01

Tgt Ion: 107 Resp: 80973

Ion Ratio Lower Upper

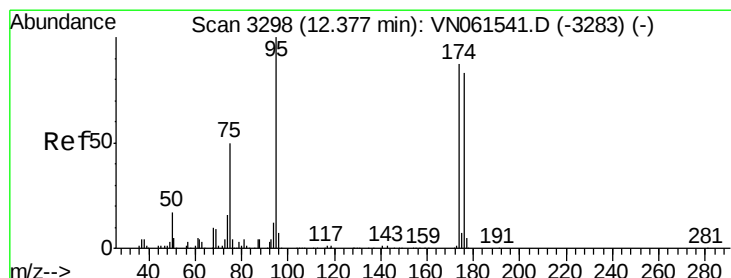
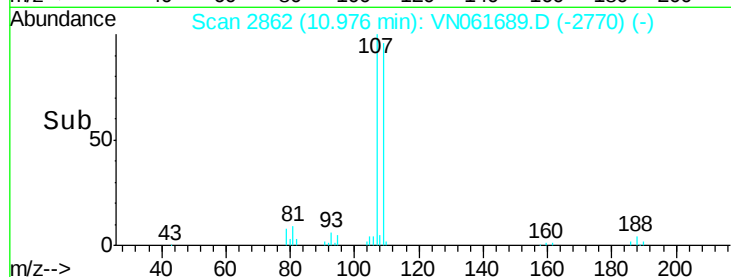
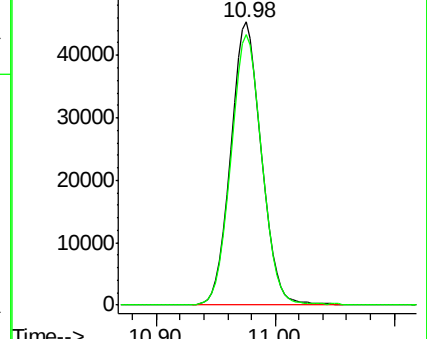
107 100

109 96.3 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.78 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

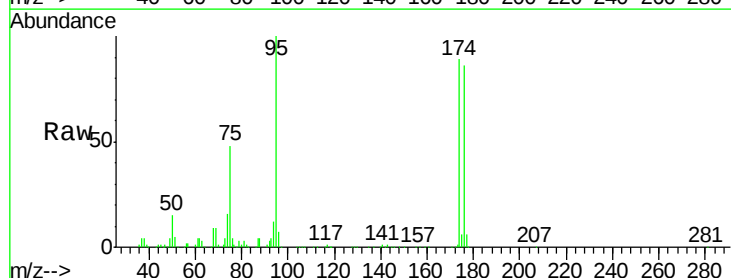
Tgt Ion: 95 Resp: 242728

Ion Ratio Lower Upper

95 100

174 89.3 0.0 172.8

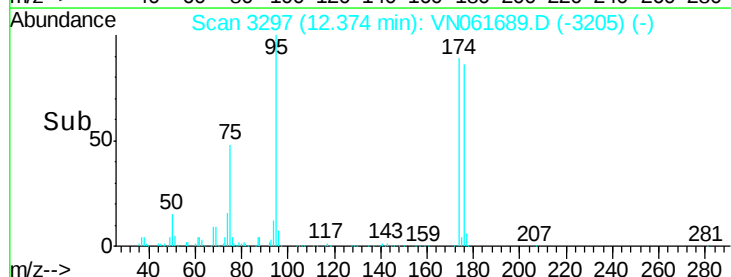
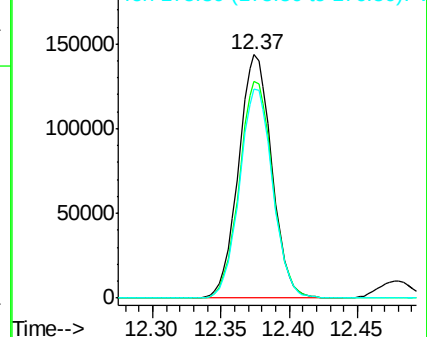
176 85.6 0.0 164.8

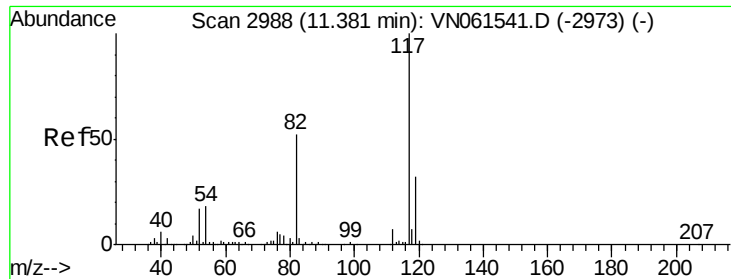


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

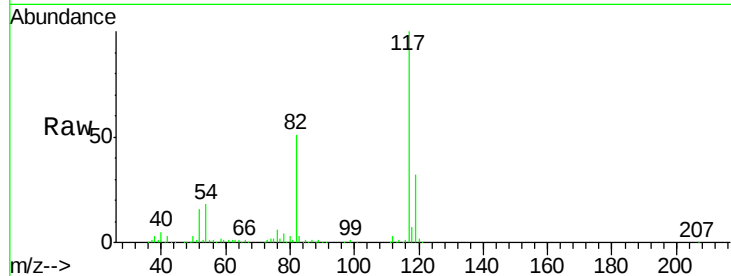




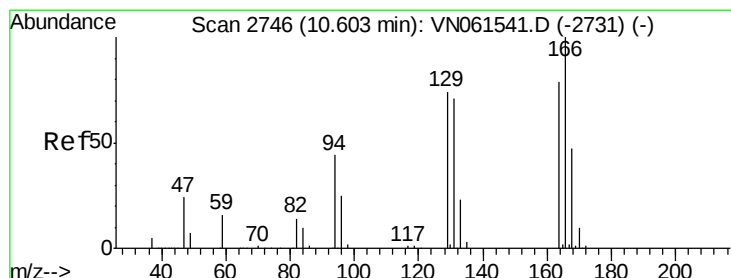
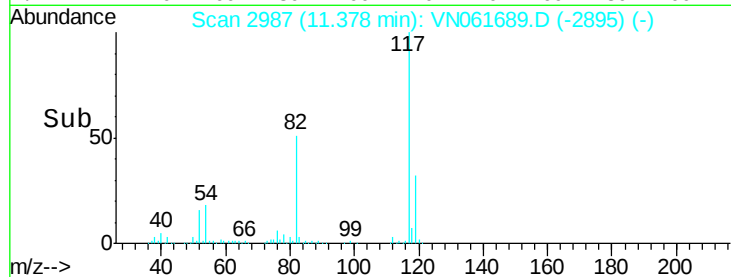
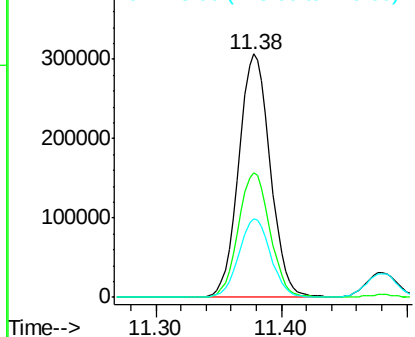
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061689.D
Acq: 8 Jun 2020 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

Tgt Ion:117 Resp: 535735
Ion Ratio Lower Upper
117 100
82 51.3 41.5 62.3
119 32.4 25.6 38.4

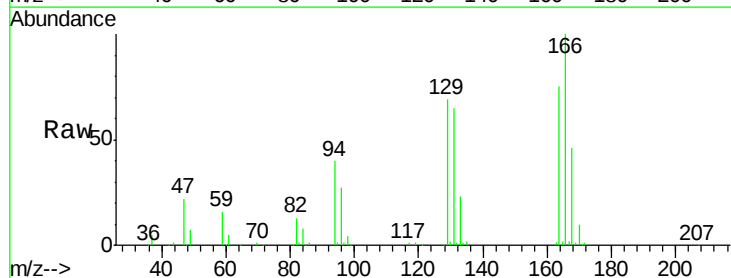


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

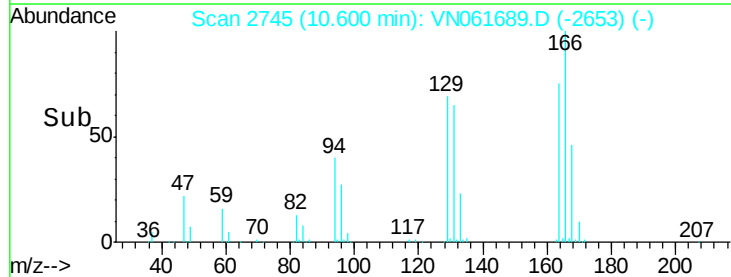
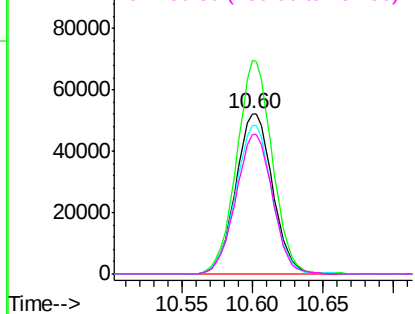


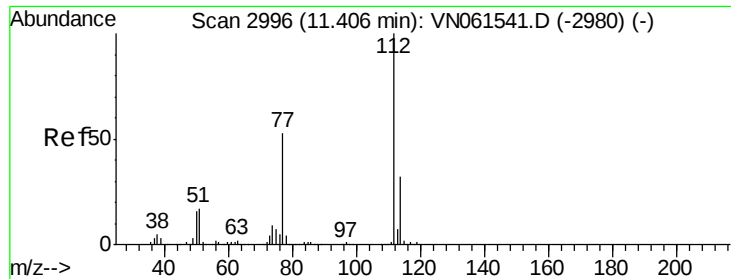
#64
Tetrachloroethene
Concen: 18.88 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN061689.D
Acq: 8 Jun 2020 12:37

Tgt Ion:164 Resp: 95229
Ion Ratio Lower Upper
164 100
166 133.4 101.5 152.3
129 92.4 74.9 112.3
131 87.1 72.2 108.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.29 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Instrument :

MSVOA_N

ClientSampled :

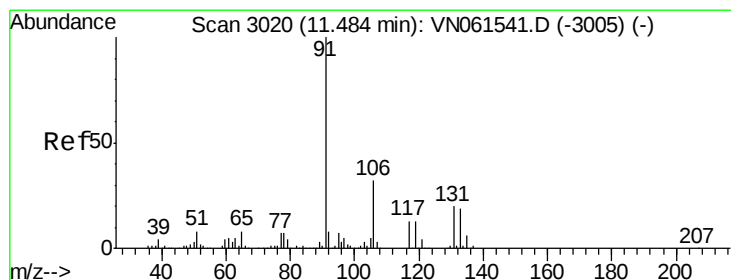
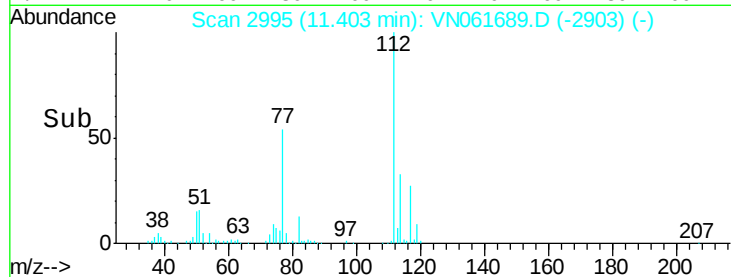
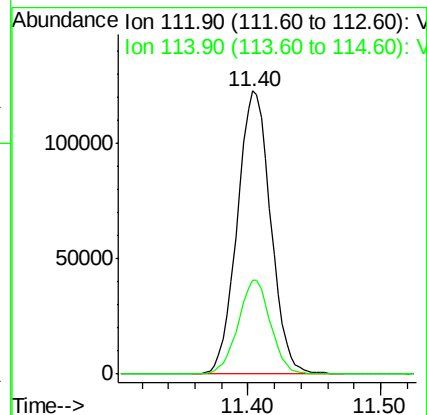
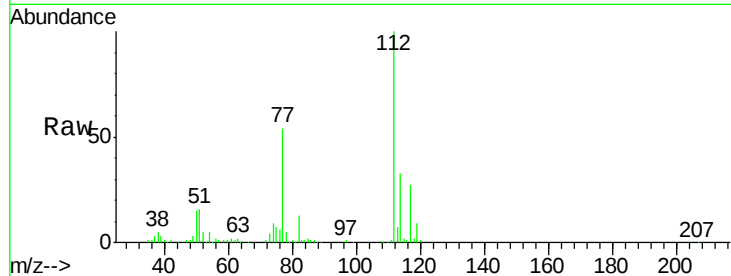
VN0608WBSD01

Tgt Ion:112 Resp: 214788

Ion Ratio Lower Upper

112 100

114 33.2 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 19.64 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

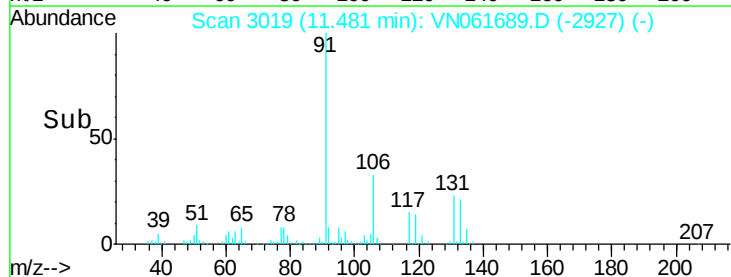
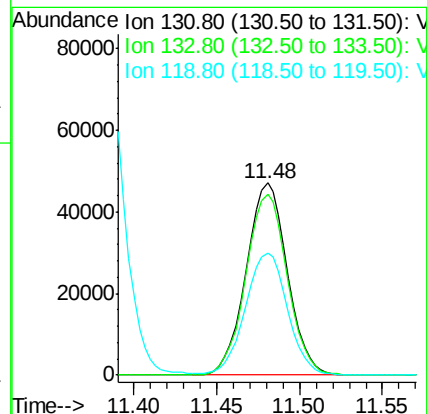
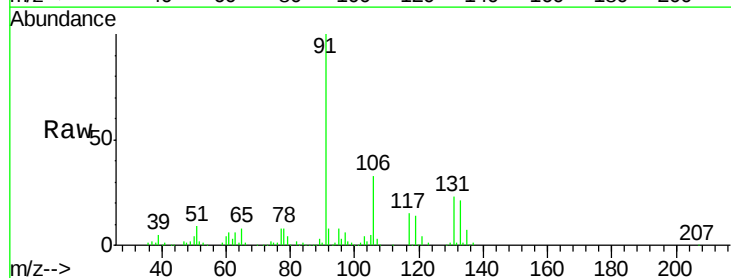
Tgt Ion:131 Resp: 81421

Ion Ratio Lower Upper

131 100

133 95.1 47.4 142.2

119 65.2 32.6 97.8

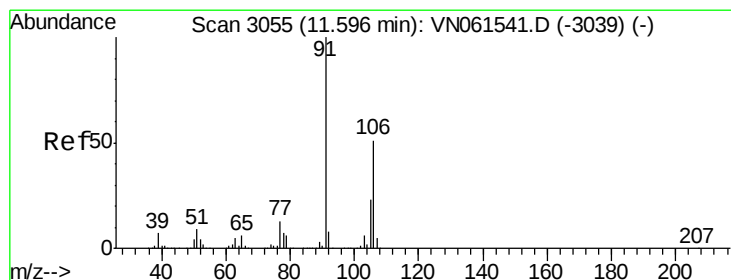
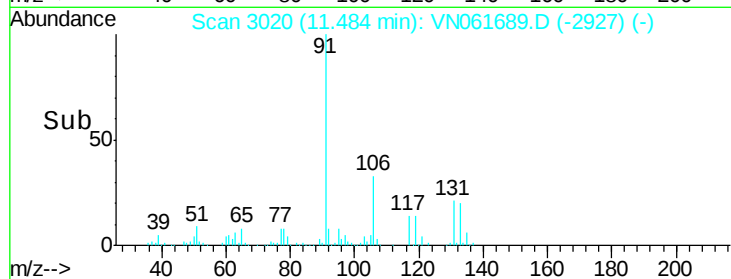
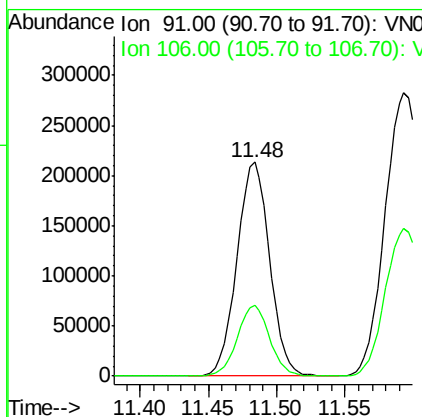
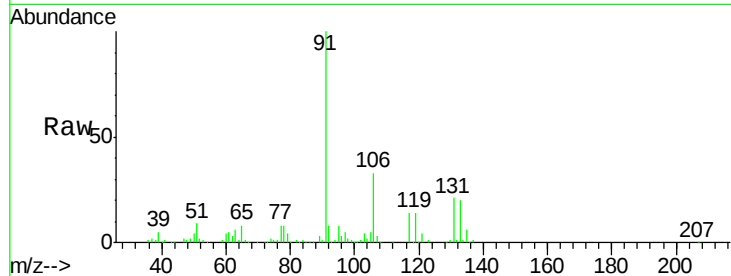




#67
Ethyl Benzene
Concen: 18.49 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061689.D
Acq: 8 Jun 2020 12:37

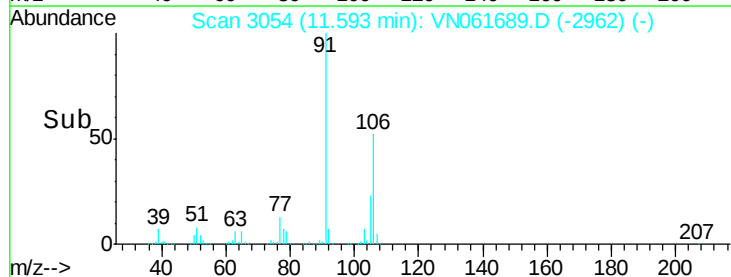
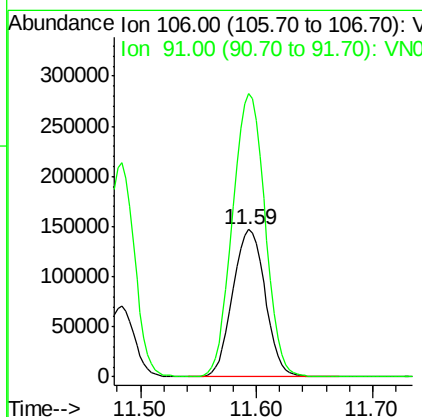
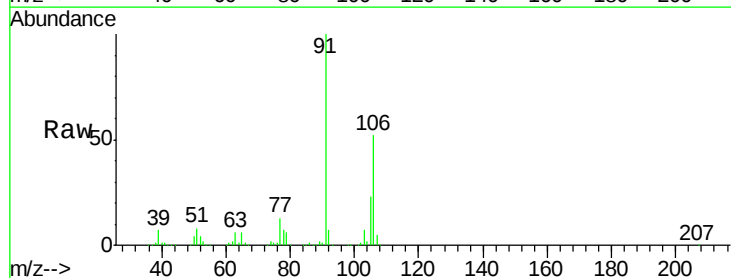
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

Tgt Ion: 91 Resp: 355975
Ion Ratio Lower Upper
91 100
106 33.0 25.6 38.4



#68
m/p-Xylenes
Concen: 37.47 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061689.D
Acq: 8 Jun 2020 12:37

Tgt Ion: 106 Resp: 285938
Ion Ratio Lower Upper
106 100
91 191.8 156.2 234.4

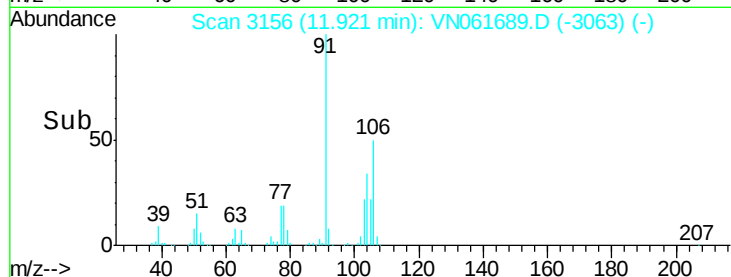
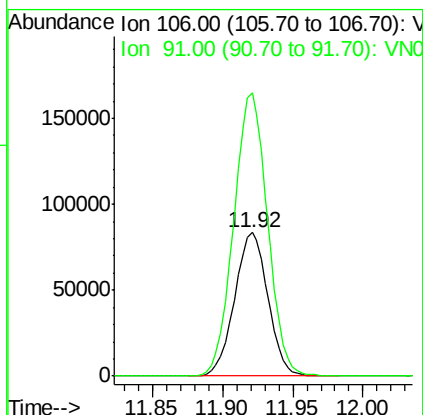
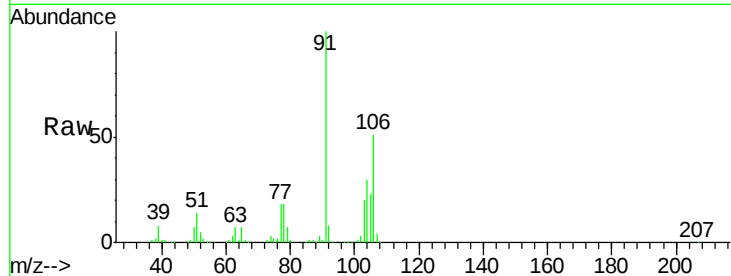




#69
o-Xylene
Concen: 19.09 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061689.D
Acq: 8 Jun 2020 12:37

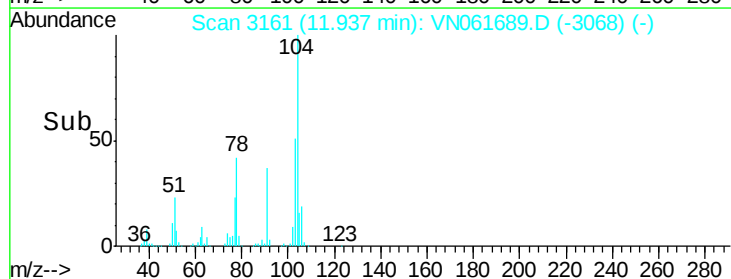
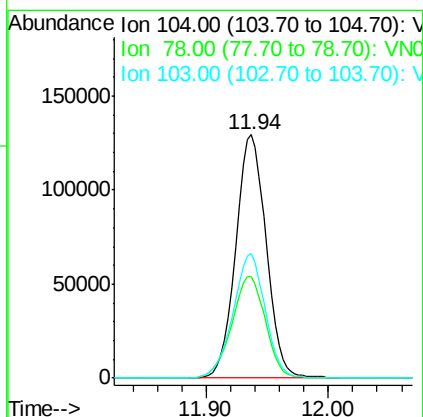
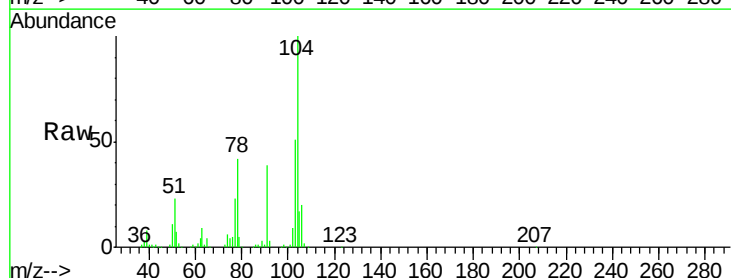
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

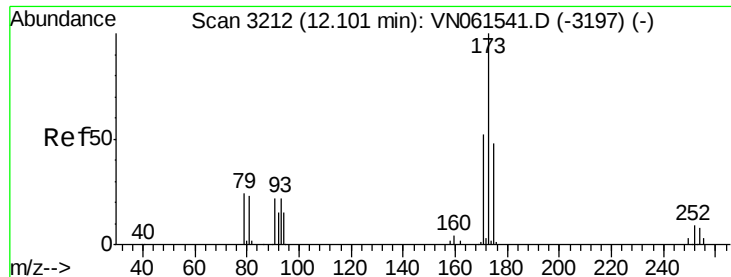
Tgt Ion:106 Resp: 138389
Ion Ratio Lower Upper
106 100
91 200.0 103.3 309.8



#70
Styrene
Concen: 18.61 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061689.D
Acq: 8 Jun 2020 12:37

Tgt Ion:104 Resp: 223339
Ion Ratio Lower Upper
104 100
78 46.3 37.4 56.0
103 54.2 42.3 63.5

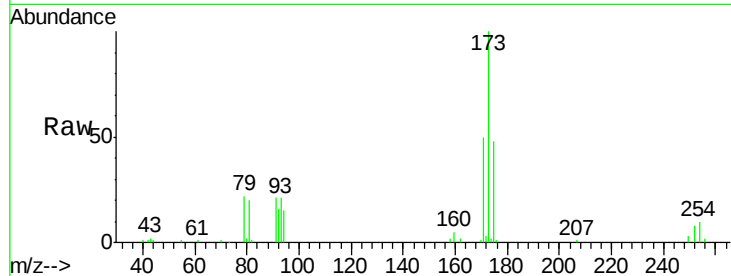




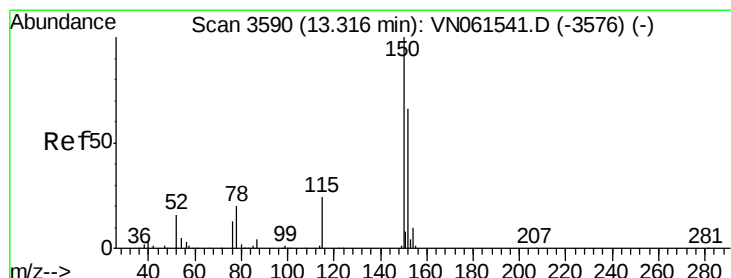
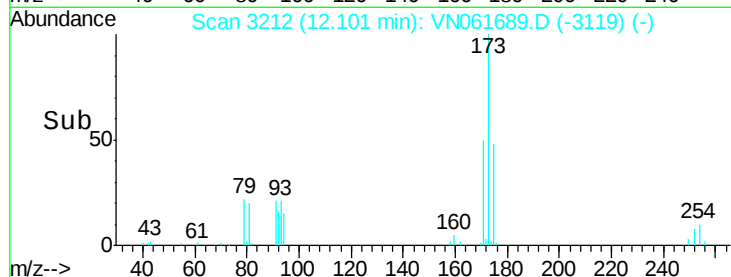
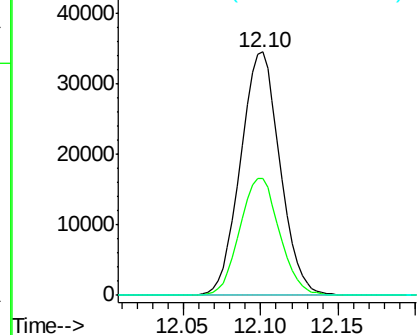
#71
Bromoform
Concen: 19.20 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061689.D
Acq: 8 Jun 2020 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

Tgt Ion:173 Resp: 61346
Ion Ratio Lower Upper
173 100
175 48.3 24.4 73.2
254 0.0 0.0 0.0

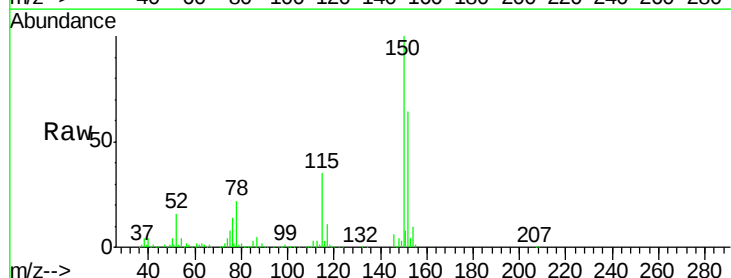


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

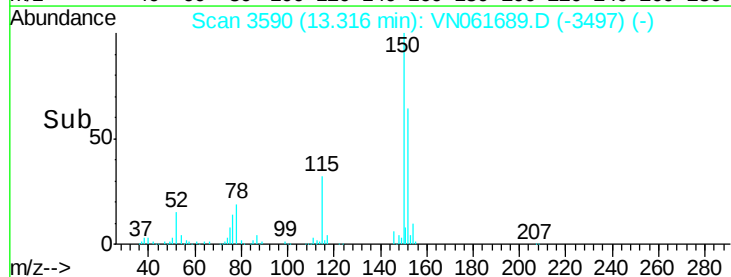
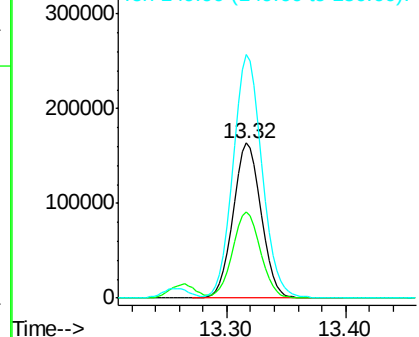


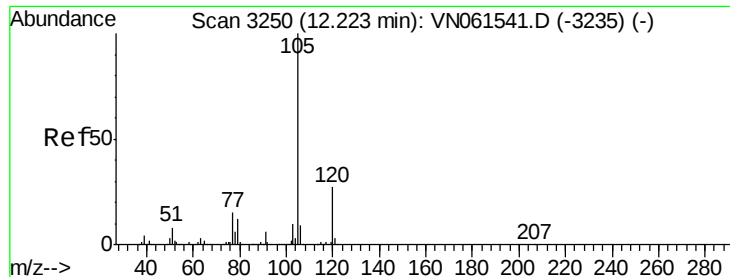
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061689.D
Acq: 8 Jun 2020 12:37

Tgt Ion:152 Resp: 267964
Ion Ratio Lower Upper
152 100
115 55.2 28.0 84.0
150 161.5 0.0 344.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.40 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

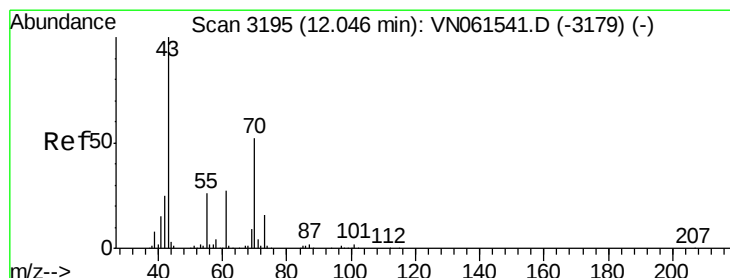
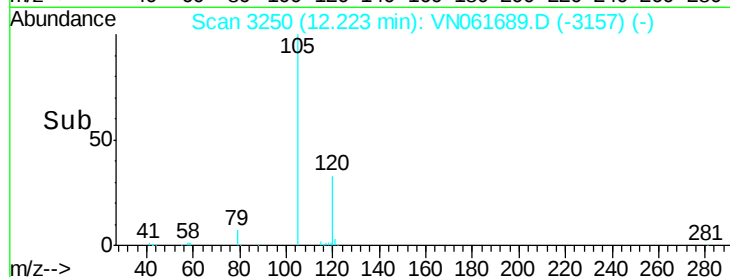
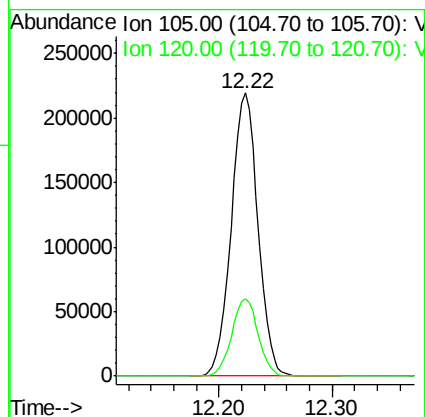
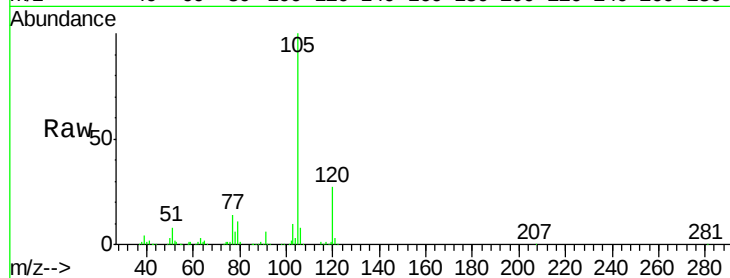
VN0608WBSD01

Tgt Ion: 105 Resp: 359883

Ion Ratio Lower Upper

105 100

120 26.9 13.8 41.3



#74

N-ethyl acetate

Concen: 16.61 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Tgt Ion: 43 Resp: 102285

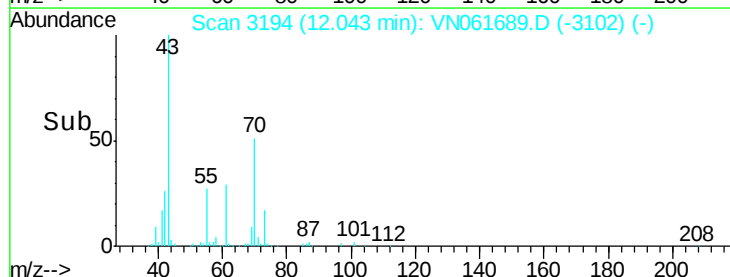
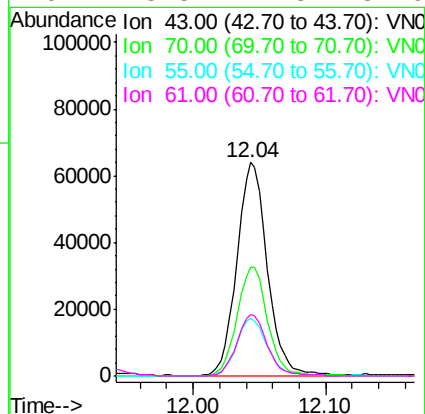
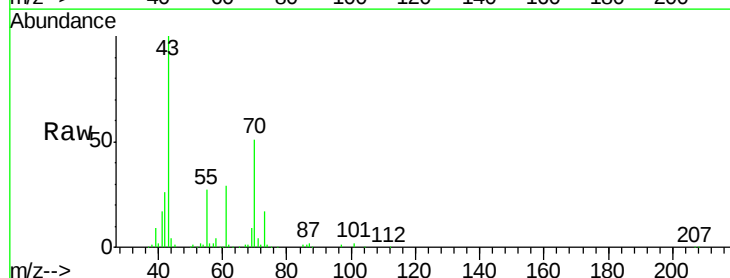
Ion Ratio Lower Upper

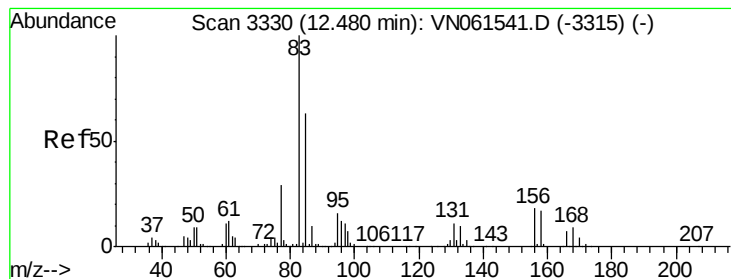
43 100

70 51.0 40.5 60.7

55 27.0 20.6 31.0

61 28.5 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.18 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD01

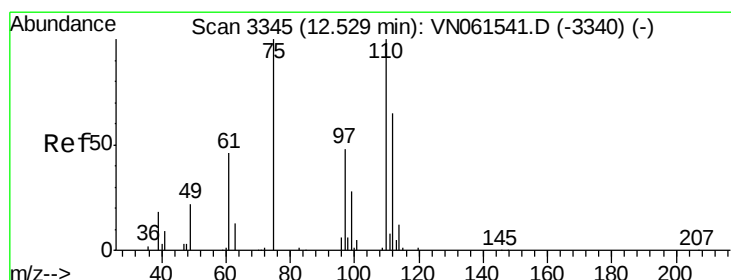
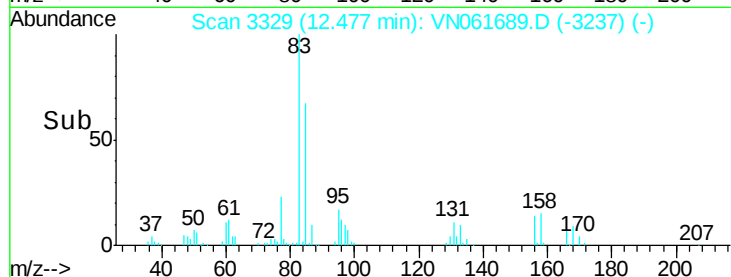
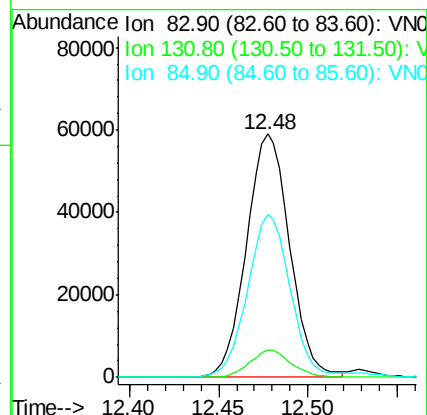
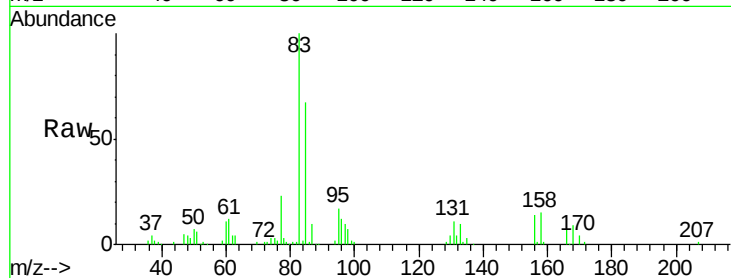
Tgt Ion: 83 Resp: 99665

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.5

85 65.9 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 26.21 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061689.D

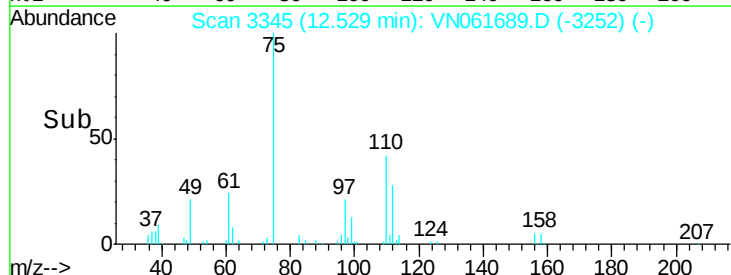
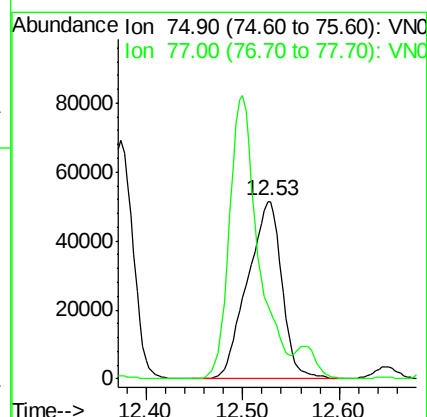
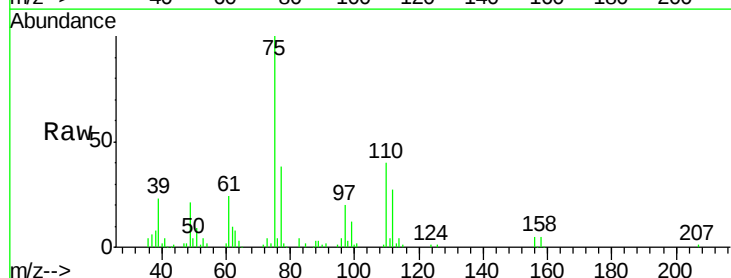
Acq: 8 Jun 2020 12:37

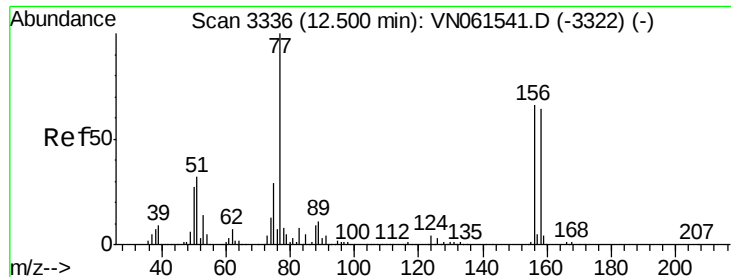
Tgt Ion: 75 Resp: 127692

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

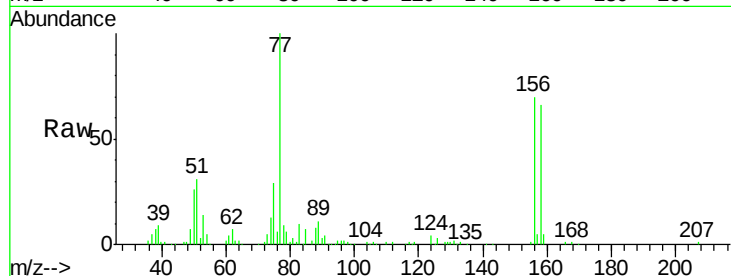




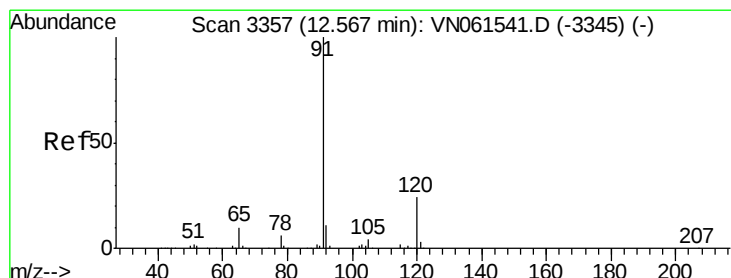
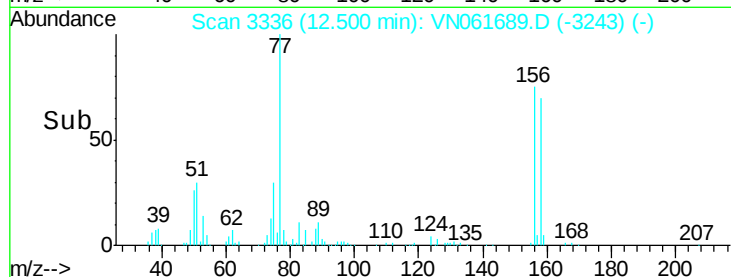
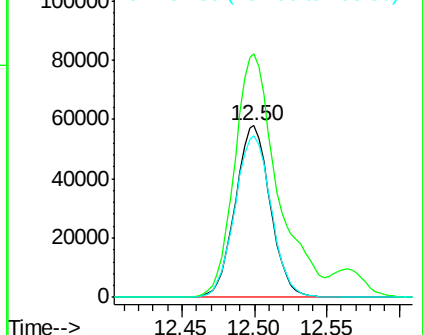
#77
Bromobenzene
Concen: 19.48 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. 0.00 min
Lab File: VN061689.D
Acq: 8 Jun 2020 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

Tgt Ion:156 Resp: 97242
Ion Ratio Lower Upper
156 100
77 173.8 90.9 272.7
158 97.7 48.4 145.3

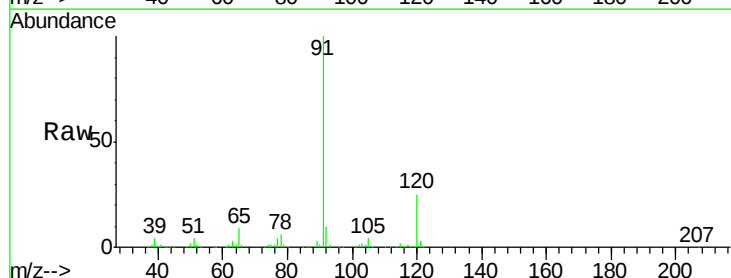


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN0
Ion 157.80 (157.50 to 158.50): V

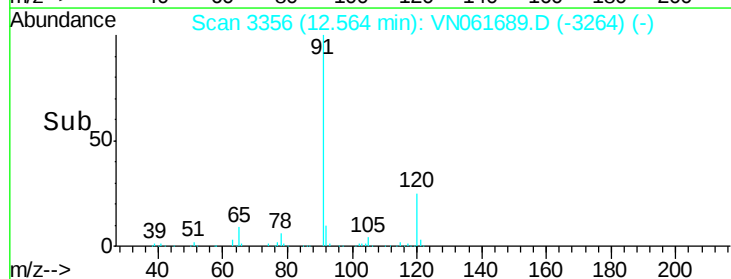
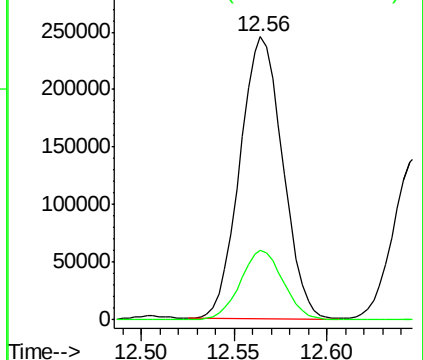


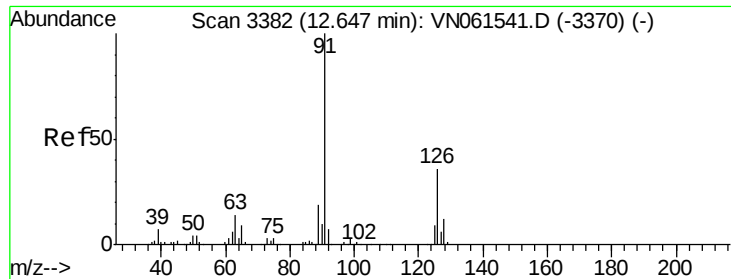
#78
n-propylbenzene
Concen: 17.96 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN061689.D
Acq: 8 Jun 2020 12:37

Tgt Ion: 91 Resp: 392190
Ion Ratio Lower Upper
91 100
120 24.8 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.94 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Instrument :

MSVOA_N

ClientSampled :

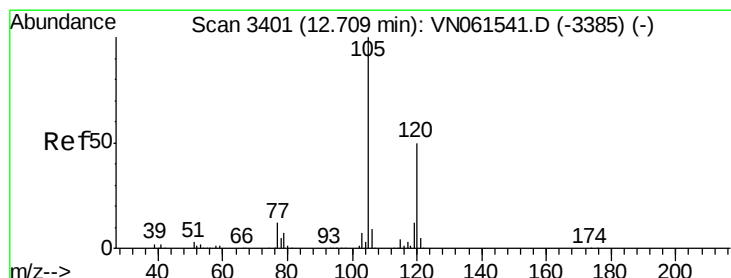
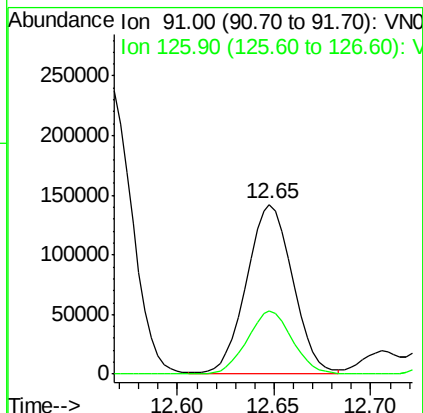
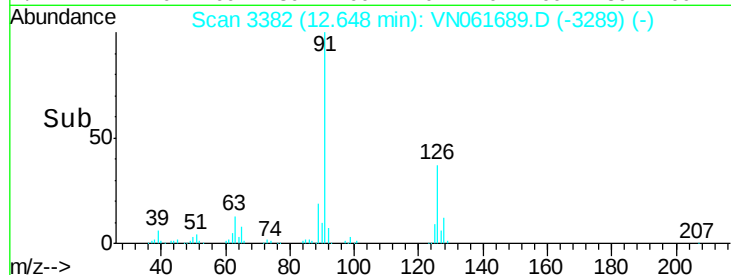
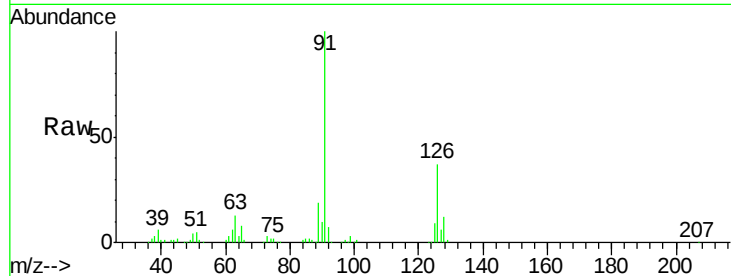
VN0608WBSD01

Tgt Ion: 91 Resp: 233529

Ion Ratio Lower Upper

91 100

126 37.0 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 18.04 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VN061689.D

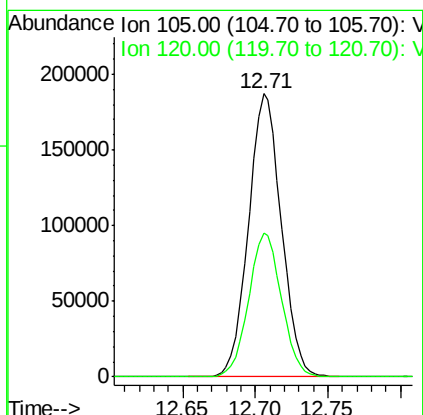
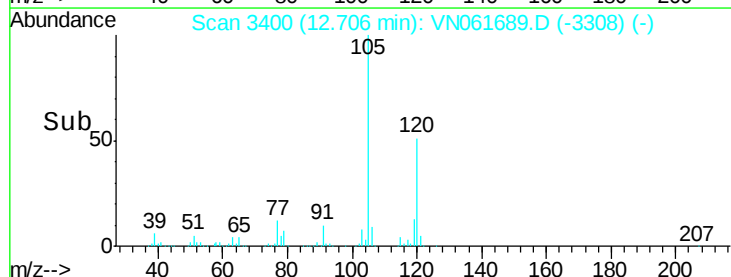
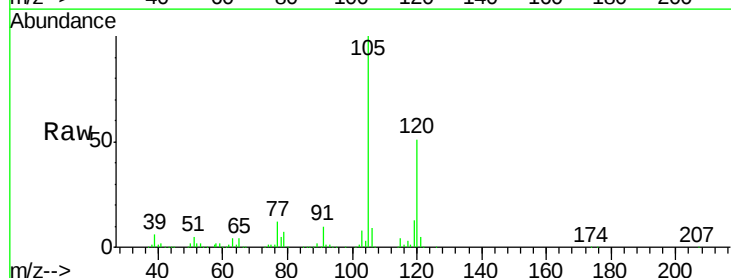
Acq: 8 Jun 2020 12:37

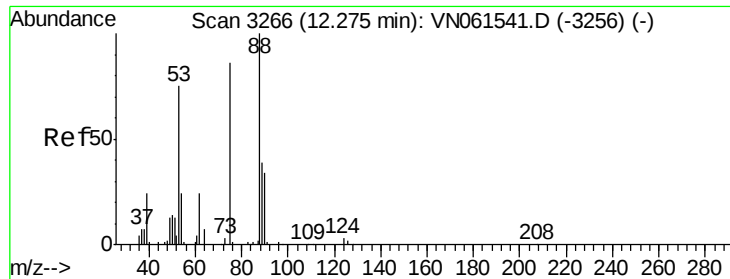
Tgt Ion: 105 Resp: 294832

Ion Ratio Lower Upper

105 100

120 50.9 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 15.67 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD01

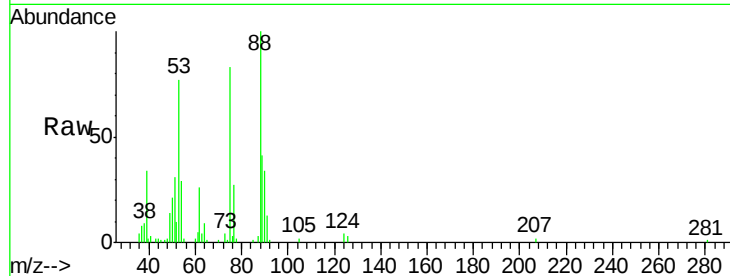
Tgt Ion: 75 Resp: 29858

Ion Ratio Lower Upper

75 100

53 89.7 67.8 101.8

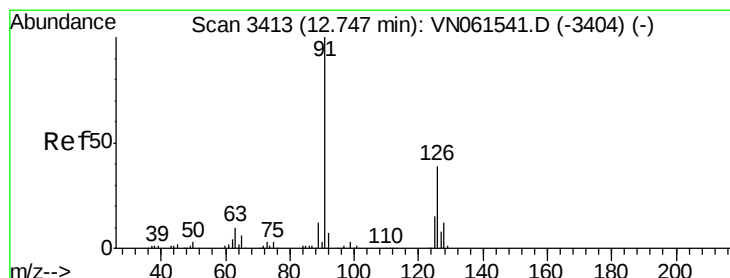
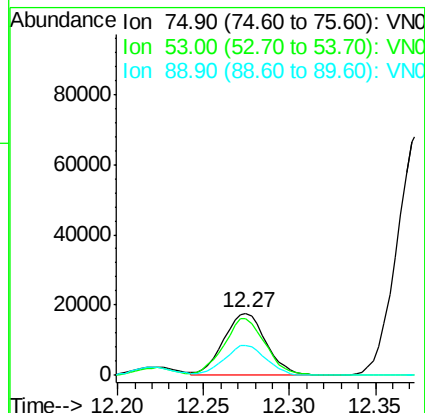
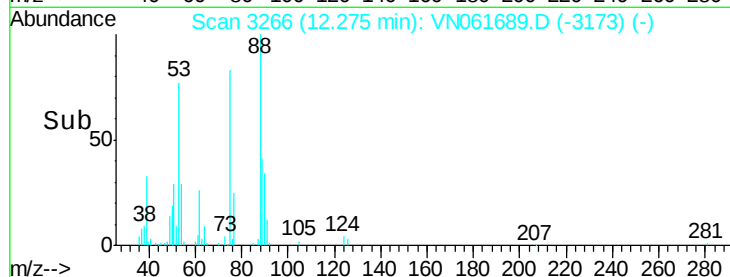
89 48.6 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 17.91 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061689.D

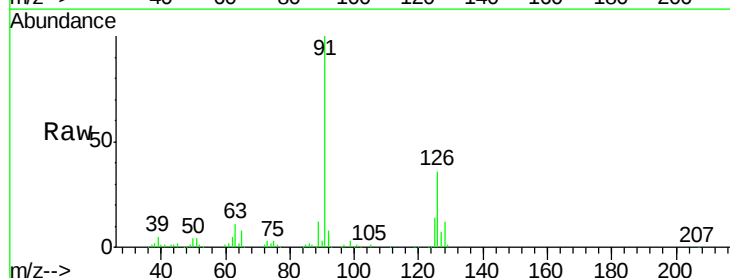
Acq: 8 Jun 2020 12:37

Tgt Ion: 91 Resp: 245272

Ion Ratio Lower Upper

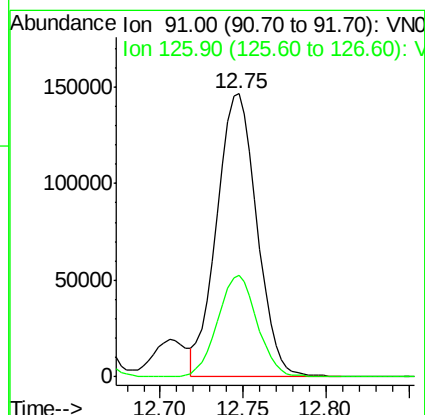
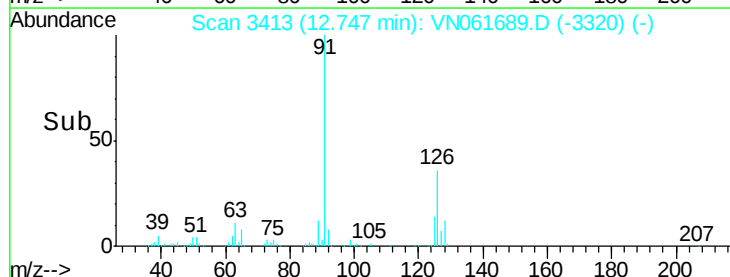
91 100

126 35.6 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

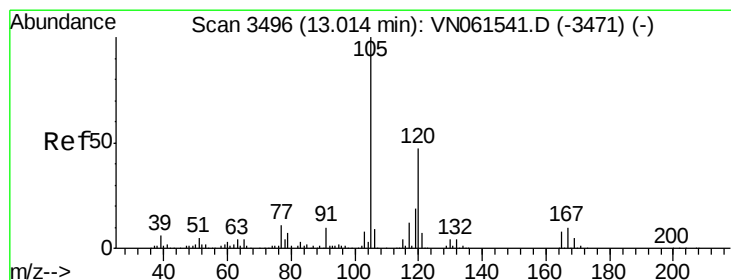
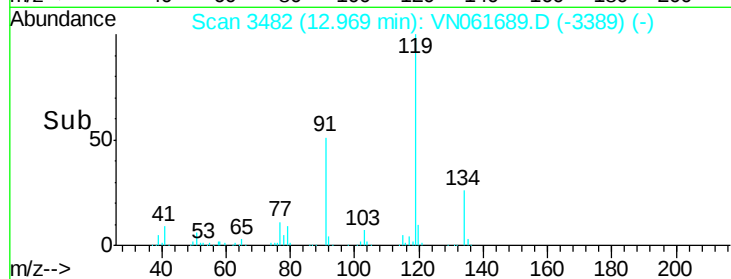
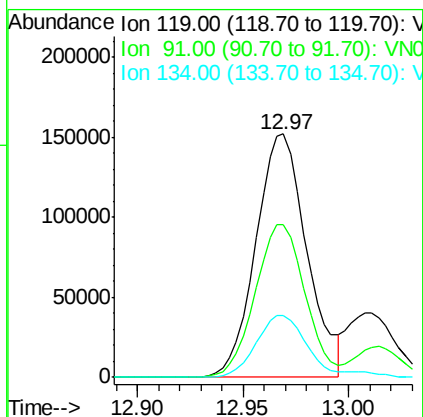
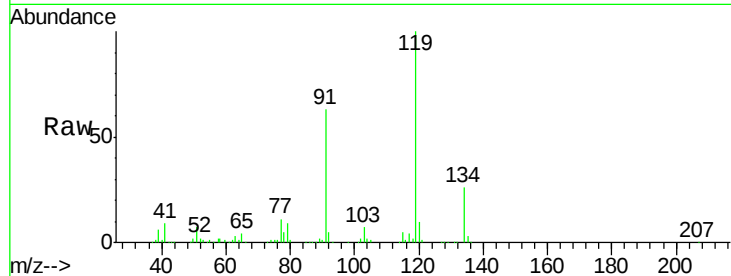




#83
 tert-Butylbenzene
 Concen: 17.70 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061689.D
 Acq: 8 Jun 2020 12:37

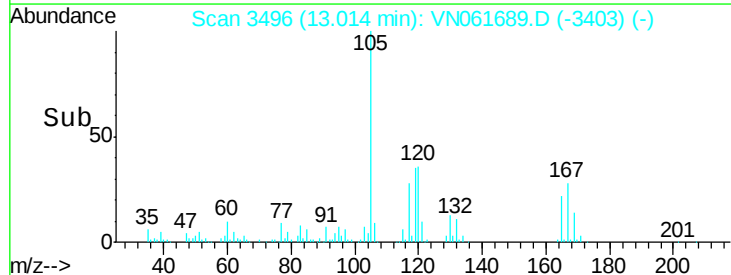
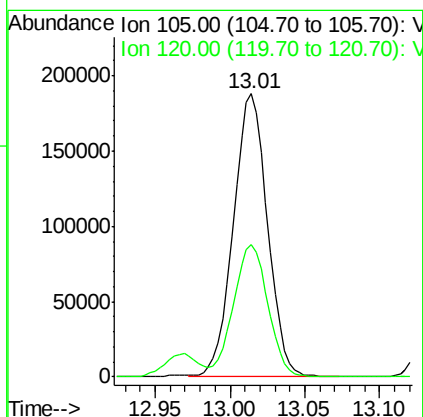
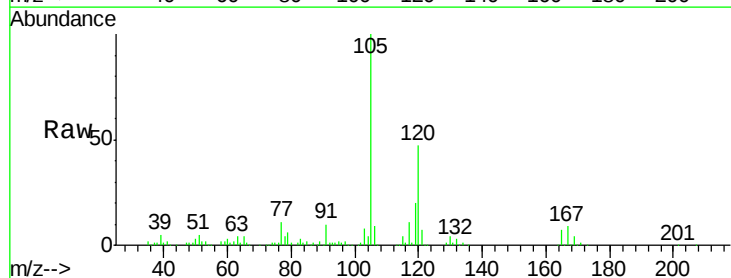
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01

Tgt Ion:119 Resp: 255646
 Ion Ratio Lower Upper
 119 100
 91 61.6 31.3 93.8
 134 25.1 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 18.27 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061689.D
 Acq: 8 Jun 2020 12:37

Tgt Ion:105 Resp: 296755
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.2 69.5





#85

sec-Butylbenzene

Concen: 17.47 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

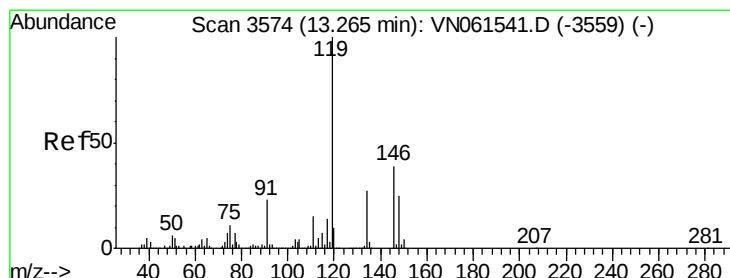
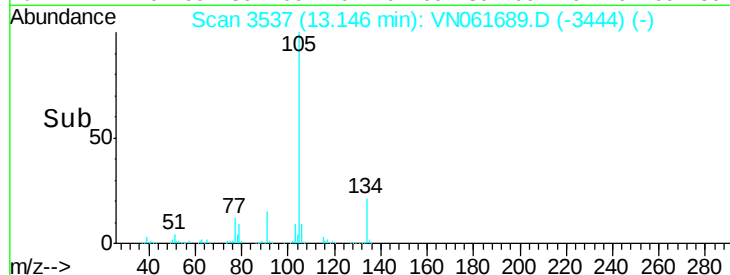
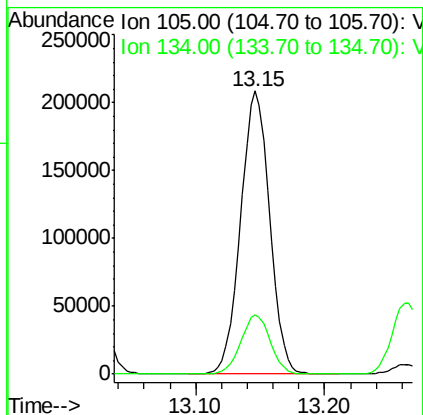
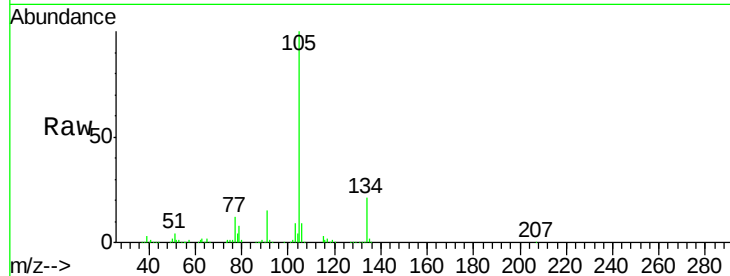
VN0608WBSD01

Tgt Ion:105 Resp: 325159

Ion Ratio Lower Upper

105 100

134 21.2 10.7 31.9



#86

p-Isopropyltoluene

Concen: 17.80 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

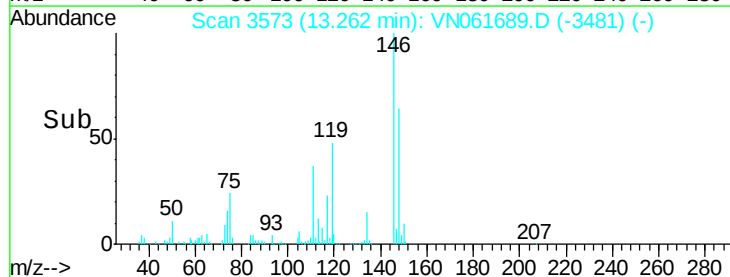
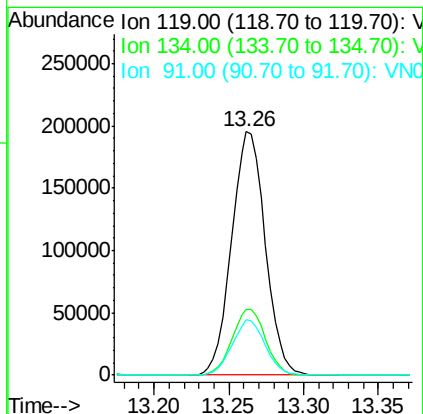
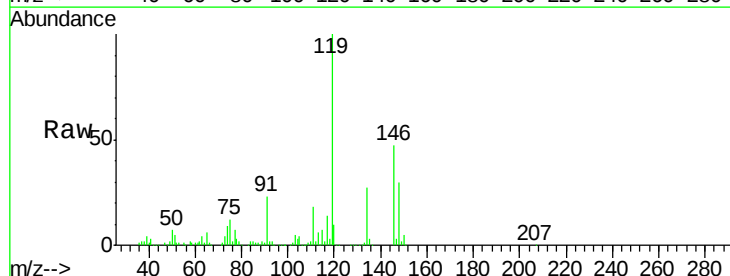
Tgt Ion:119 Resp: 305095

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

91 22.4 11.4 34.1

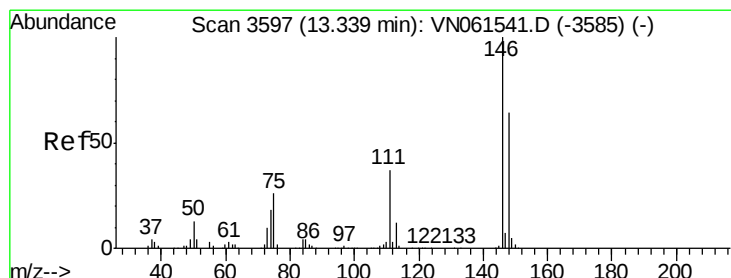
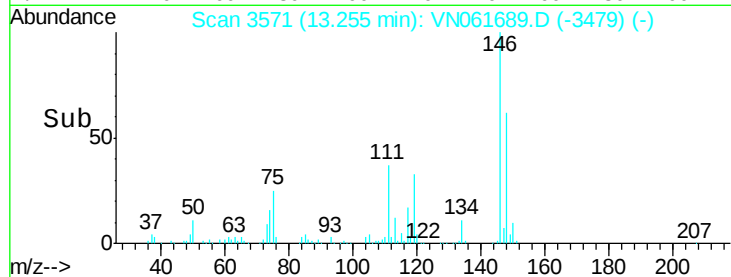
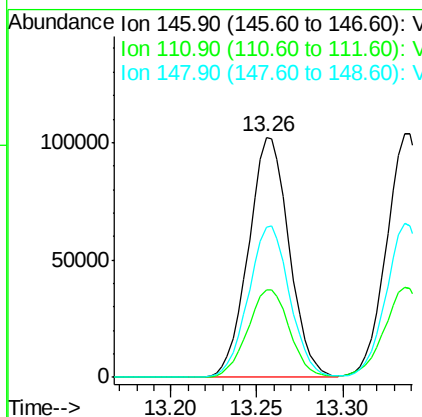
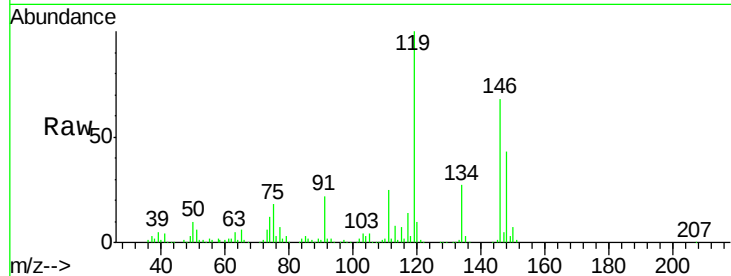




#87
 1,3-Dichlorobenzene
 Concen: 18.92 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN061689.D
 Acq: 8 Jun 2020 12:37

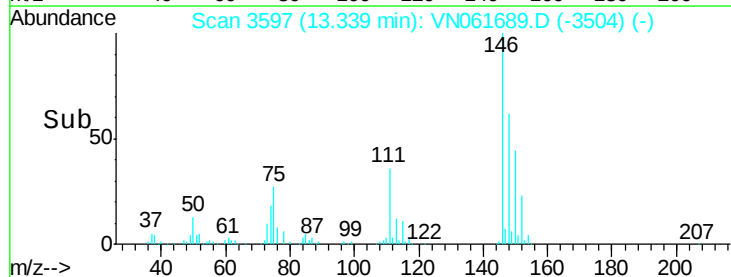
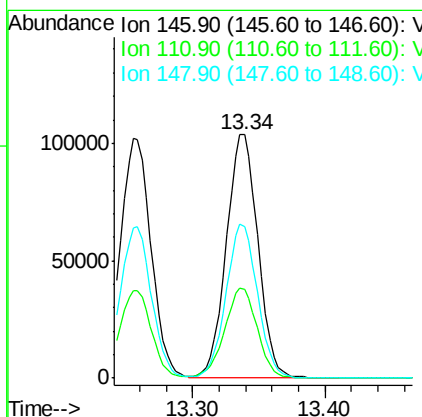
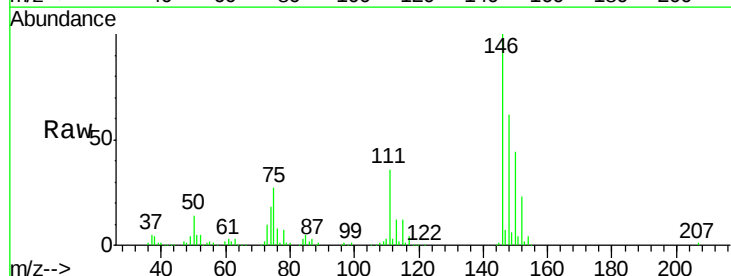
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01

Tgt Ion:146 Resp: 167299
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.2 57.6
 148 63.9 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 19.10 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061689.D
 Acq: 8 Jun 2020 12:37

Tgt Ion:146 Resp: 171970
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.9 56.9
 148 62.5 31.8 95.3





#89

n-Butylbenzene

Concen: 17.26 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD01

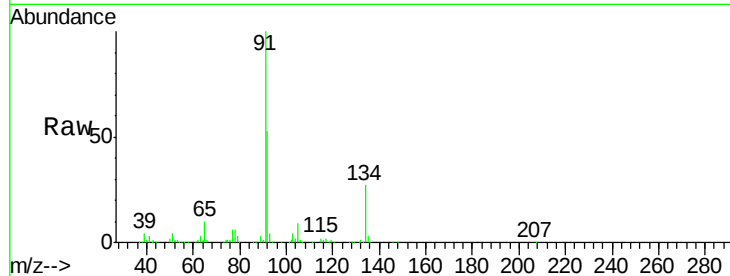
Tgt Ion: 91 Resp: 247712

Ion Ratio Lower Upper

91 100

92 53.3 27.2 81.6

134 27.4 14.0 42.0

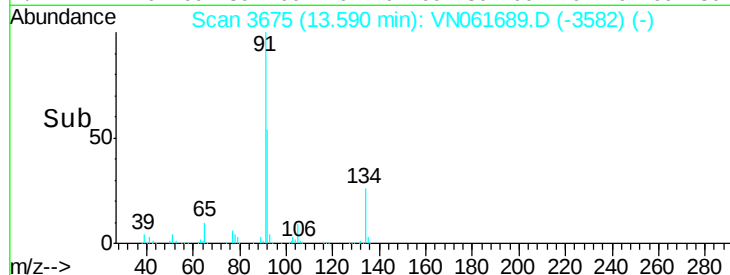


Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN061541.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN061541.D (-3661) (-)

Time--> 13.50 13.55 13.60 13.65

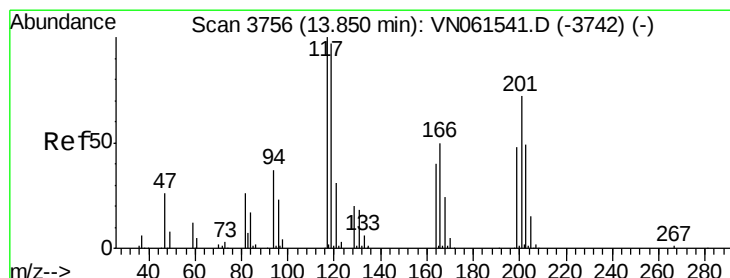


Abundance Ion 91.00 (90.70 to 91.70): VN061689.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN061689.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN061689.D (-3582) (-)

Time--> 13.50 13.55 13.60 13.65



#90

Hexachloroethane

Concen: 23.42 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN061689.D

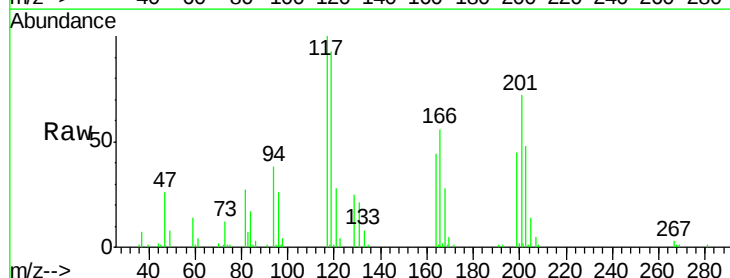
Acq: 8 Jun 2020 12:37

Tgt Ion: 117 Resp: 44393

Ion Ratio Lower Upper

117 100

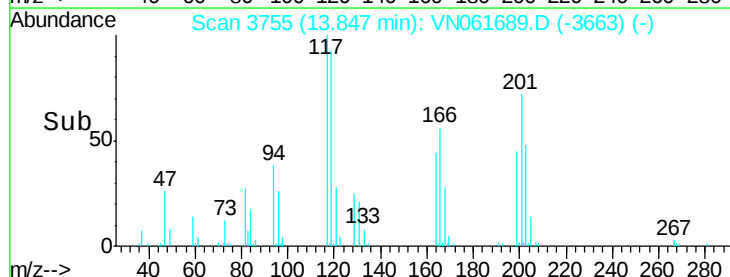
201 75.5 36.7 110.1



Abundance Ion 116.80 (116.50 to 117.50): VN061541.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061541.D (-3742) (-)

Time--> 13.80 13.85 13.90



Abundance Ion 116.80 (116.50 to 117.50): VN061689.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN061689.D (-3663) (-)

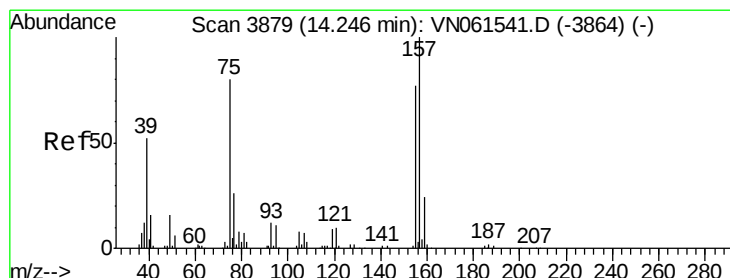
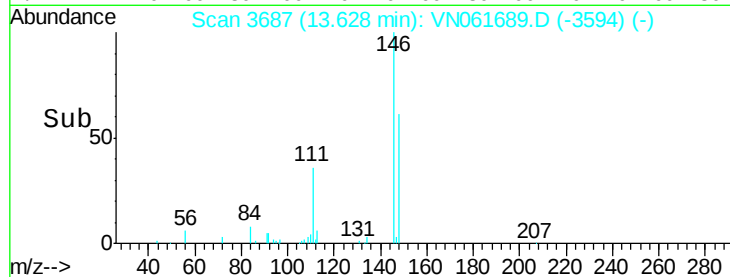
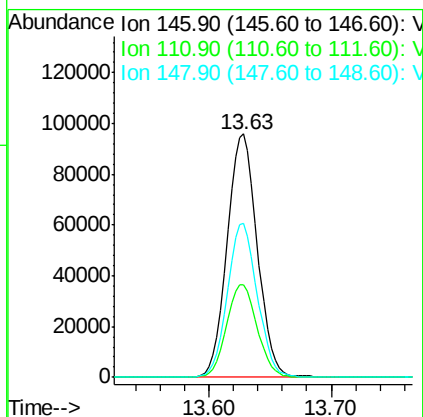
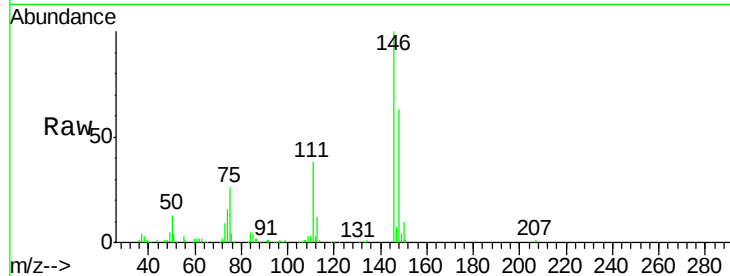
Time--> 13.80 13.85 13.90



#91
 1,2-Dichlorobenzene
 Concen: 19.61 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061689.D
 Acq: 8 Jun 2020 12:37

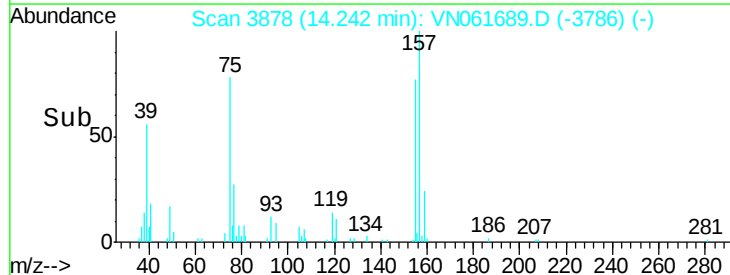
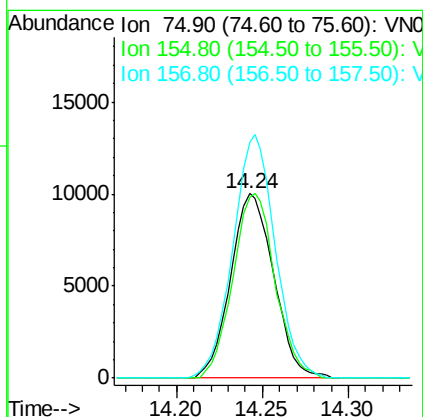
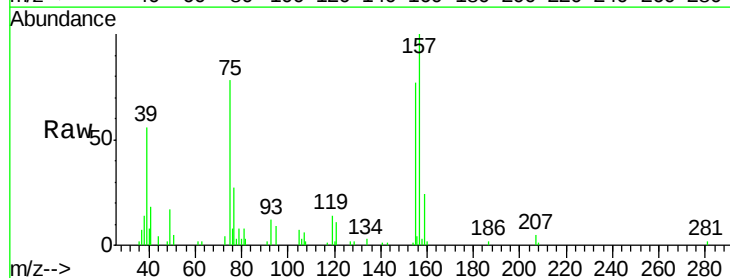
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01

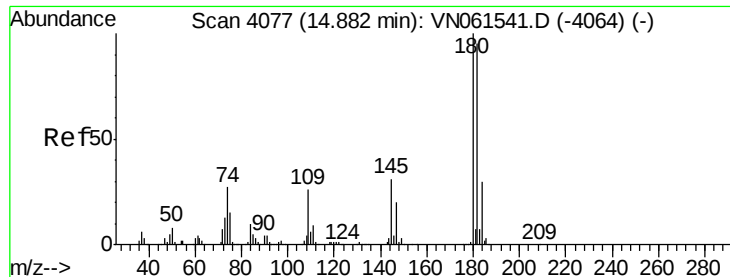
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	20.1	60.2
148	62.8	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.69 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061689.D
 Acq: 8 Jun 2020 12:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.6	47.1	141.4
157	129.1	60.3	180.8

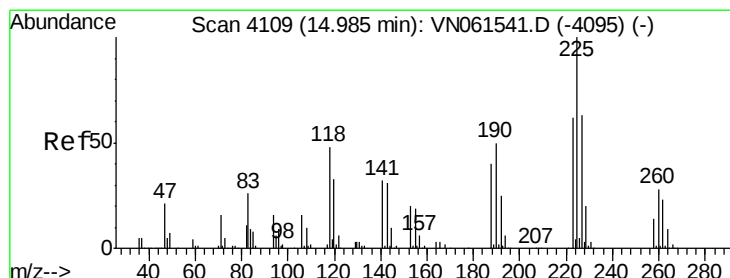
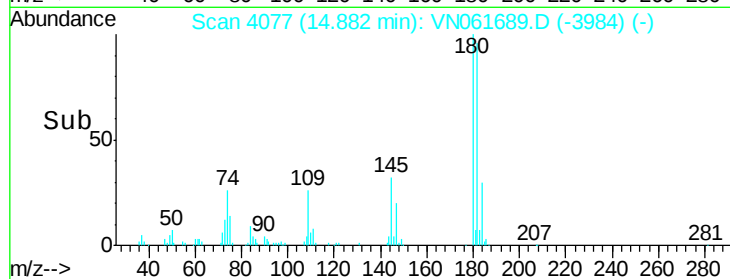
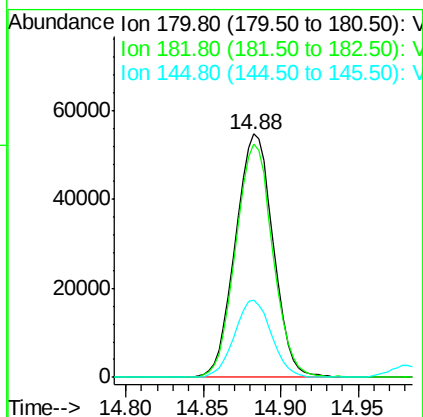
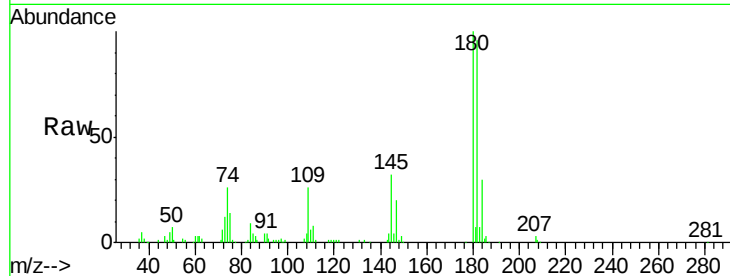




#93
 1,2,4-Trichlorobenzene
 Concen: 18.81 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061689.D
 Acq: 8 Jun 2020 12:37

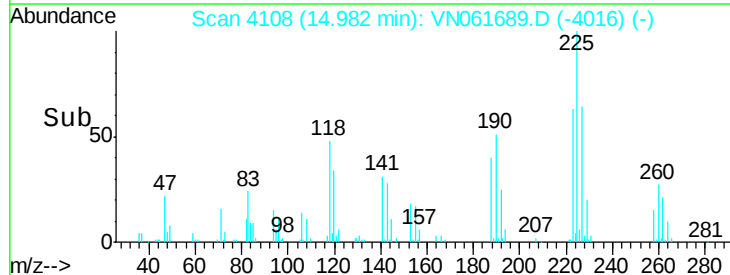
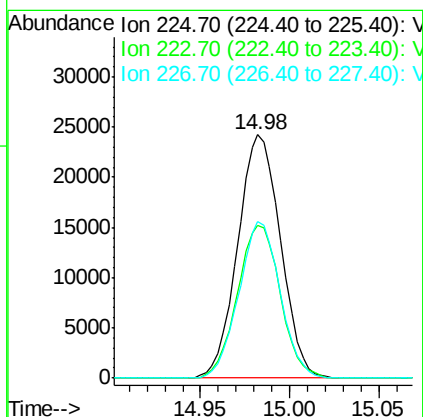
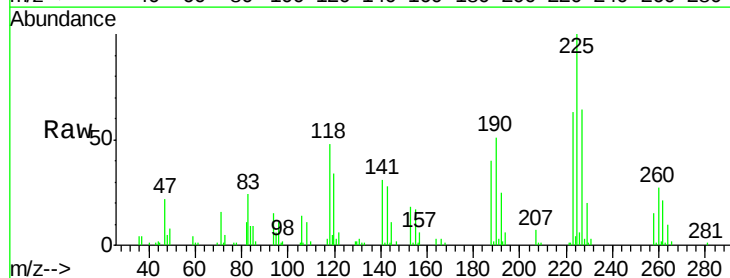
Instrument :
 MSVOA_N
 ClientSampled :
 VN0608WBSD01

Tgt Ion:180 Resp: 92928
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.8 143.3
 145 30.9 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 19.22 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061689.D
 Acq: 8 Jun 2020 12:37

Tgt Ion:225 Resp: 40510
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.9 95.5
 227 61.9 31.9 95.9





#95

Naphthalene

Concen: 17.84 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD01

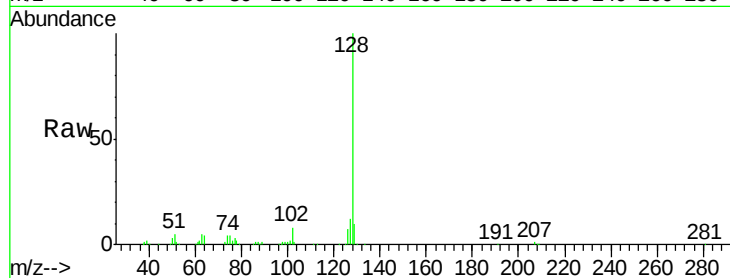
Tgt Ion:128 Resp: 268242

Ion Ratio Lower Upper

128 100

127 12.2 10.0 15.0

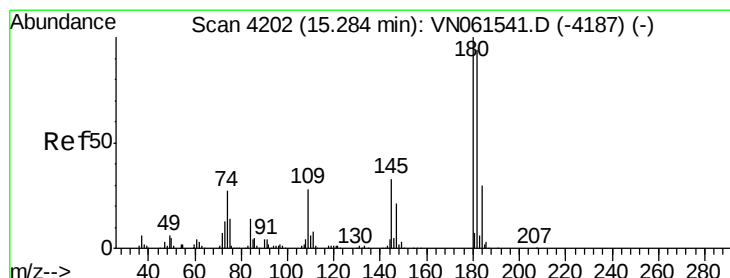
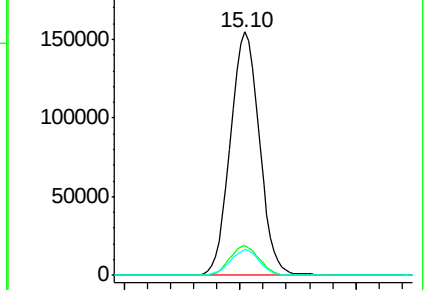
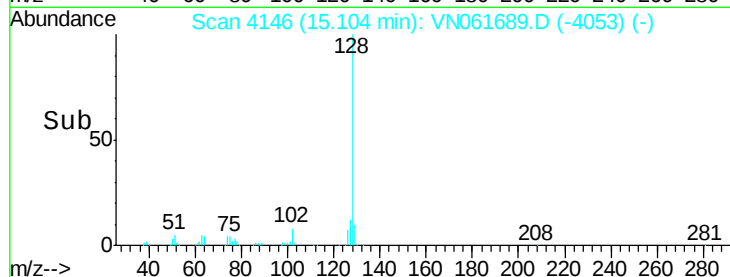
129 10.6 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.98 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061689.D

Acq: 8 Jun 2020 12:37

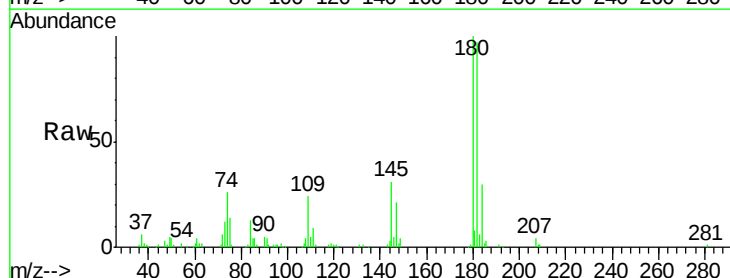
Tgt Ion:180 Resp: 92214

Ion Ratio Lower Upper

180 100

182 96.7 47.1 141.3

145 32.1 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

