

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032520\
 Data File : VN060689.D
 Acq On : 25 Mar 2020 12:12
 Operator : JC/MD
 Sample : VN0325WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBS01

Quant Time: Mar 26 02:48:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	195260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	321308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	293275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139102	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	140013	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
35) Dibromofluoromethane	7.56	113	103741	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
50) Toluene-d8	10.08	98	416925	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
62) 4-Bromofluorobenzene	12.39	95	150242	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	36472	19.304	ug/l 97
3) Chloromethane	2.04	50	63003	17.855	ug/l 100
4) Vinyl Chloride	2.17	62	48588	17.605	ug/l 98
5) Bromomethane	2.55	94	24410	20.488	ug/l 98
6) Chloroethane	2.69	64	30349	19.089	ug/l 99
7) Trichlorofluoromethane	3.00	101	63853	18.781	ug/l 98
8) Diethyl Ether	3.38	74	27386	20.051	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	39655	20.129	ug/l 99
10) Methyl Iodide	3.92	142	34890	19.903	ug/l 98
11) Tert butyl alcohol	4.72	59	37708	95.654	ug/l 98
12) 1,1-Dichloroethene	3.72	96	39299	18.589	ug/l 98
13) Acrolein	3.57	56	37893	86.731	ug/l 98
14) Allyl chloride	4.29	41	68407	18.398	ug/l 100
15) Acrylonitrile	4.94	53	110431	95.263	ug/l 99
16) Acetone	3.78	43	107314	113.024	ug/l 99
17) Carbon Disulfide	4.03	76	117933	18.343	ug/l 100
18) Methyl Acetate	4.28	43	51817	19.389	ug/l 98
19) Methyl tert-butyl Ether	5.00	73	135506	18.643	ug/l 98
20) Methylene Chloride	4.52	84	44429	19.022	ug/l 99
21) trans-1,2-Dichloroethene	5.01	96	42542	18.881	ug/l 95
22) Diisopropyl ether	5.91	45	154117	19.619	ug/l 99
23) Vinyl Acetate	5.86	43	627086	97.840	ug/l 99
24) 1,1-Dichloroethane	5.81	63	82787	19.332	ug/l 99
25) 2-Butanone	6.80	43	150674	98.068	ug/l 100
26) 2,2-Dichloropropane	6.79	77	71857	21.327	ug/l 98
27) cis-1,2-Dichloroethene	6.80	96	48036	18.761	ug/l 97
28) Bromochloromethane	7.17	49	41956	20.478	ug/l 100
29) Tetrahydrofuran	7.18	42	99969	91.961	ug/l 100
30) Chloroform	7.34	83	78820	19.200	ug/l 99
31) Cyclohexane	7.63	56	81246	18.819	ug/l 97
32) 1,1,1-Trichloroethane	7.54	97	67053	18.947	ug/l 98
36) 1,1-Dichloropropene	7.77	75	60536	19.457	ug/l 99
37) Ethyl Acetate	6.89	43	63428	18.867	ug/l 99
38) Carbon Tetrachloride	7.75	117	52837	18.948	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	72665	19.653	ug/l	100
40) Benzene	8.02	78	184045	19.596	ug/l	100
41) Methacrylonitrile	7.14	41	27285	19.018	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	63945	19.922	ug/l	99
43) Isopropyl Acetate	8.14	43	105830	19.088	ug/l	100
44) Trichloroethene	8.81	130	47013	19.856	ug/l	95
45) 1,2-Dichloropropane	9.10	63	50177	20.247	ug/l	97
46) Dibromomethane	9.19	93	29485	19.679	ug/l	100
47) Bromodichloromethane	9.38	83	61235	19.668	ug/l	99
48) Methyl methacrylate	9.18	41	46053	18.657	ug/l	98
49) 1,4-Dioxane	9.18	88	14110	480.907	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	305941	96.973	ug/l	99
52) Toluene	10.14	92	110064	19.404	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	70630	19.749	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	78089	19.903	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	42820	19.623	ug/l	99
56) Ethyl methacrylate	10.42	69	64448	18.941	ug/l	98
57) 1,3-Dichloropropane	10.70	76	74701	19.727	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	151357	89.503	ug/l	100
59) 2-Hexanone	10.74	43	222399	97.859	ug/l	100
60) Dibromochloromethane	10.89	129	44475	19.731	ug/l	99
61) 1,2-Dibromoethane	10.99	107	43211	19.692	ug/l	99
64) Tetrachloroethene	10.62	164	44079	19.100	ug/l	98
65) Chlorobenzene	11.42	112	112515	19.353	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	40358	19.172	ug/l	99
67) Ethyl Benzene	11.50	91	209701	19.396	ug/l	99
68) m/p-Xylenes	11.61	106	155642	38.739	ug/l	99
69) o-Xylene	11.94	106	74667	19.468	ug/l	99
70) Styrene	11.96	104	119382	19.032	ug/l	99
71) Bromoform	12.12	173	30639	18.604	ug/l #	100
73) Isopropylbenzene	12.24	105	199128	19.075	ug/l	100
74) N-amyl acetate	12.06	43	89440	18.542	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	60871	19.282	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	81795	27.251	ug/l #	100
77) Bromobenzene	12.52	156	47901	19.043	ug/l	99
78) n-propylbenzene	12.59	91	235107	19.063	ug/l	99
79) 2-Chlorotoluene	12.67	91	137507	18.660	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	165995	18.738	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	21810	18.662	ug/l	98
82) 4-Chlorotoluene	12.77	91	144424	19.243	ug/l	99
83) tert-Butylbenzene	12.99	119	140254	19.099	ug/l	98
84) 1,2,4-Trimethylbenzene	13.03	105	166678	19.018	ug/l	99
85) sec-Butylbenzene	13.17	105	187755	19.013	ug/l	100
86) p-Isopropyltoluene	13.28	119	169128	19.046	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	85785	19.336	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	85079	19.087	ug/l	98
89) n-Butylbenzene	13.61	91	151615	18.911	ug/l	100
90) Hexachloroethane	13.87	117	24985	19.357	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	83004	19.566	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12093	18.118	ug/l	94

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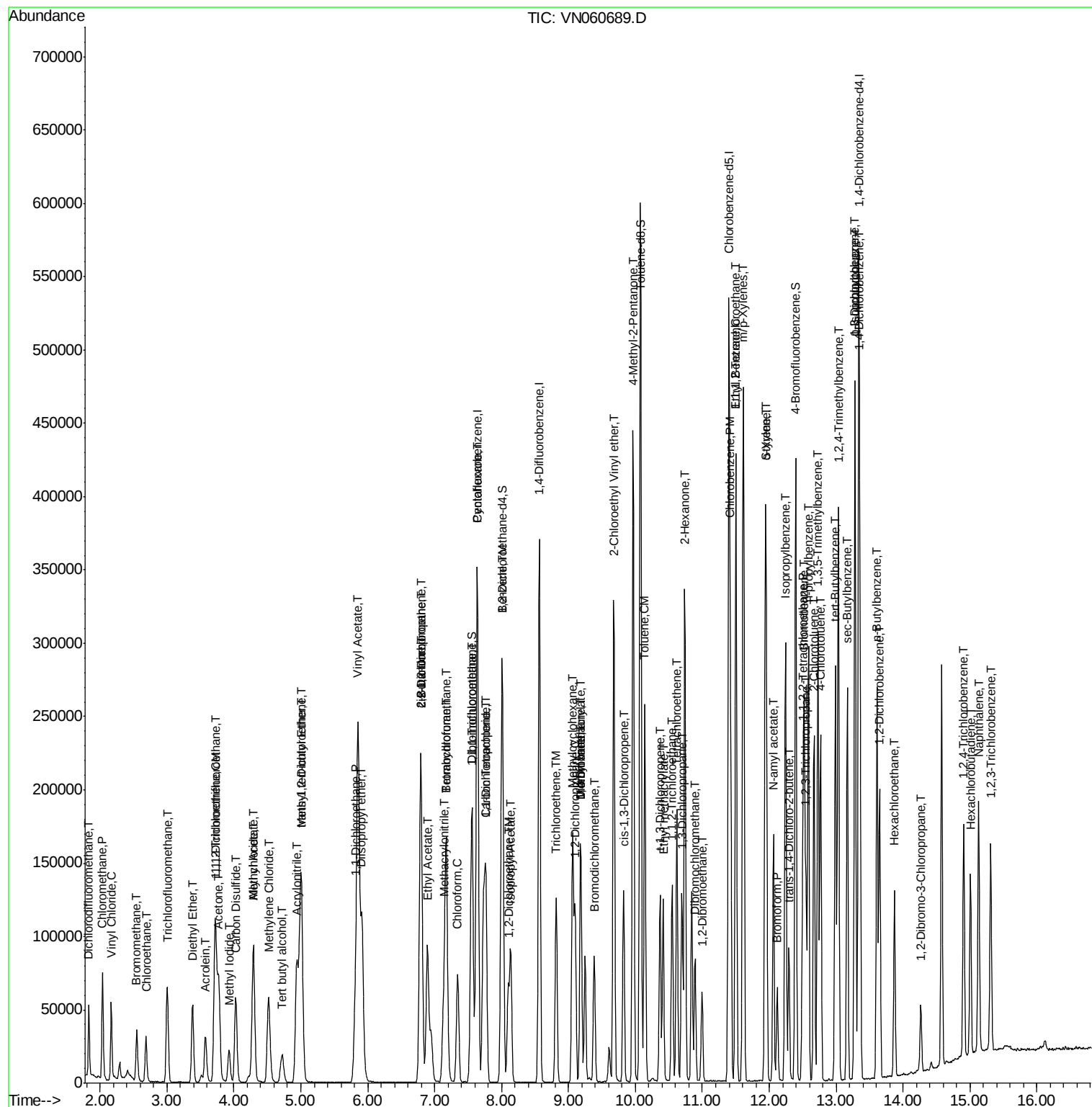
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	49797	19.115	ug/l	99
94) Hexachlorobutadiene	15.01	225	24285	19.016	ug/l	100
95) Naphthalene	15.13	128	146626	18.713	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	47828	18.639	ug/l	100

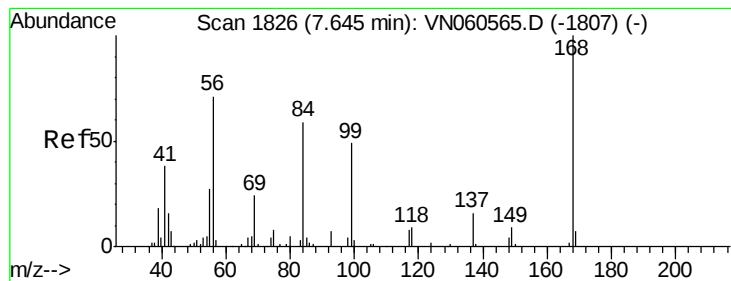
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN032520\
Data File : VN060689.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

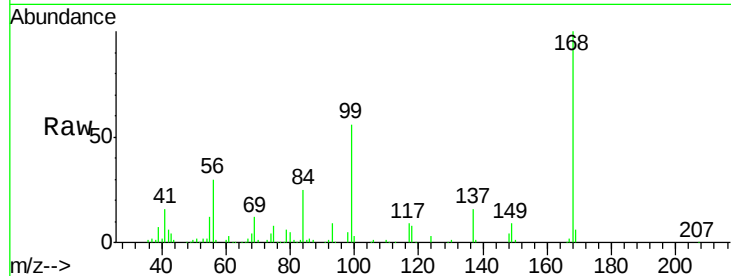
VN0325WBS01

Tgt Ion:168 Resp: 195260

Ion Ratio Lower Upper

168 100

99 55.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

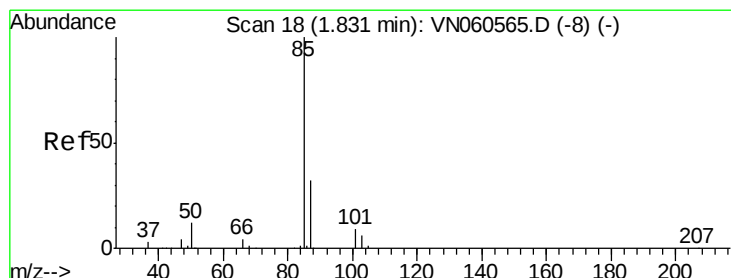
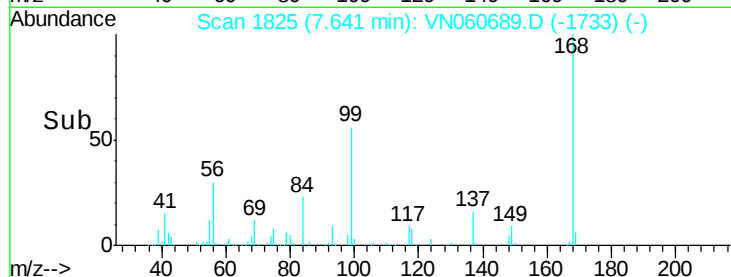
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 19.304 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060689.D

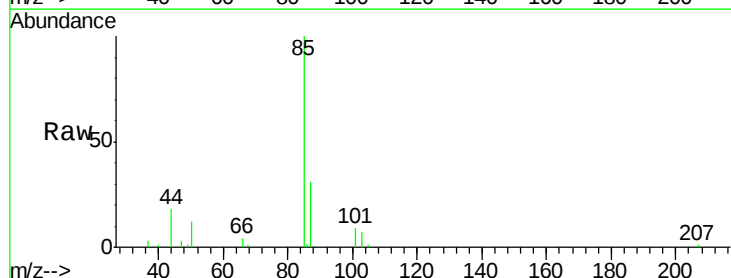
Acq: 25 Mar 2020 12:12

Tgt Ion: 85 Resp: 36472

Ion Ratio Lower Upper

85 100

87 30.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

30000

25000

20000

15000

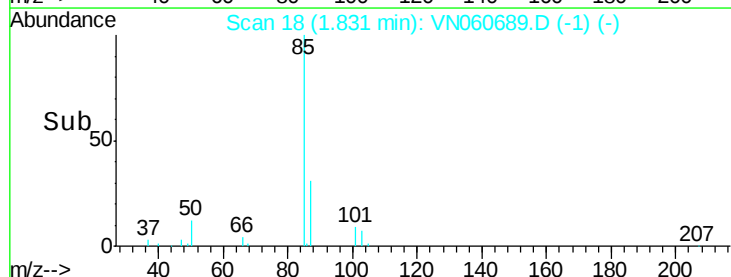
10000

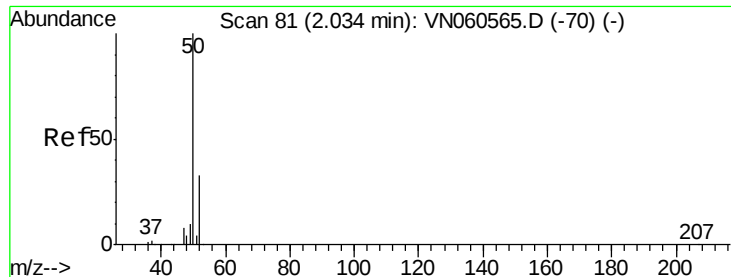
5000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 17.855 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

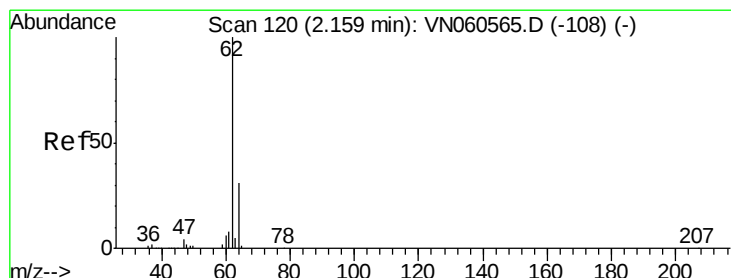
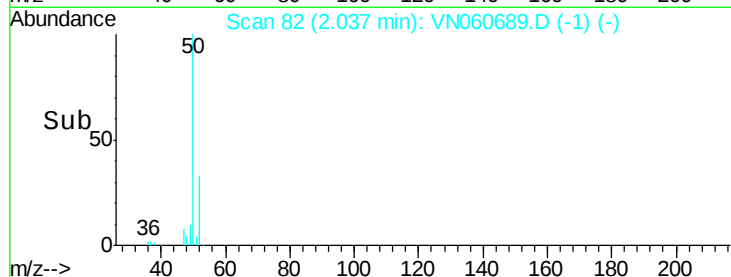
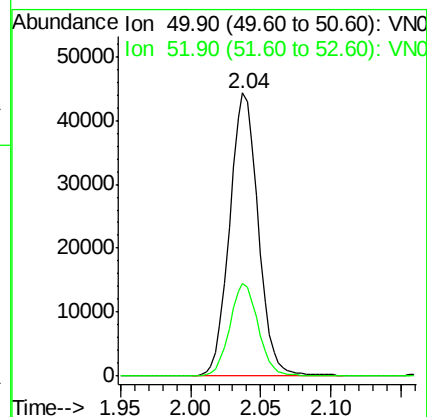
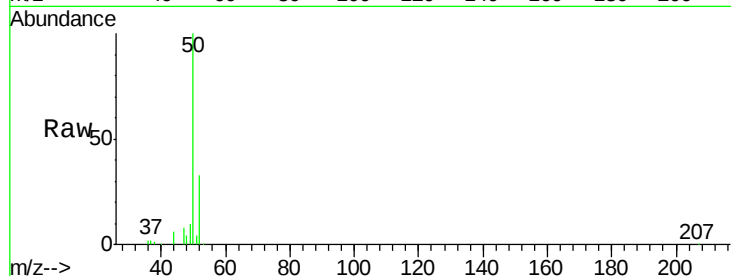
VN0325WBS01

Tgt Ion: 50 Resp: 63003

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.2



#4

Vinyl Chloride

Concen: 17.605 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.01 min

Lab File: VN060689.D

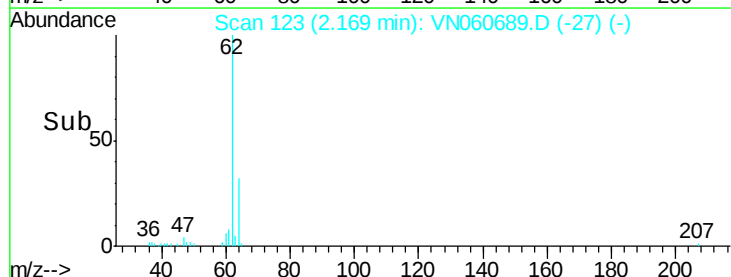
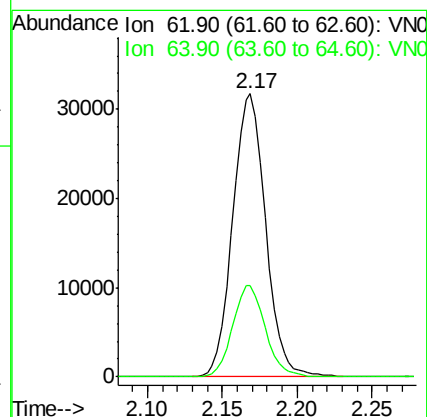
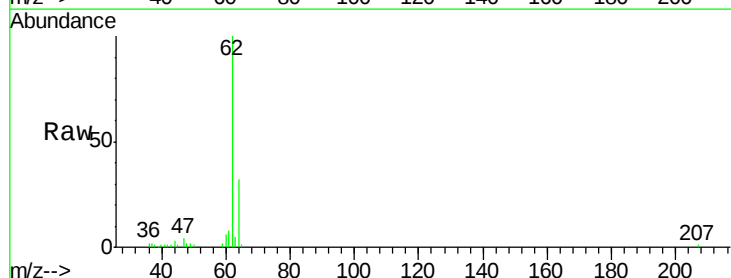
Acq: 25 Mar 2020 12:12

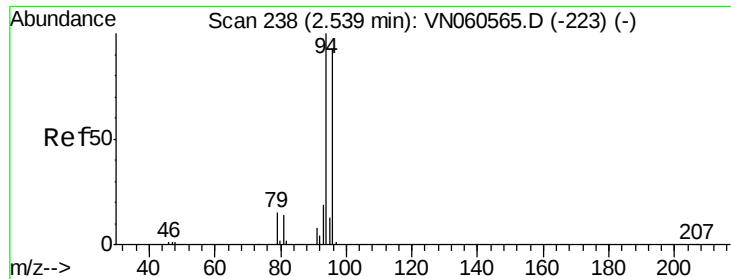
Tgt Ion: 62 Resp: 48588

Ion Ratio Lower Upper

62 100

64 32.1 24.7 37.1





#5

Bromomethane

Concen: 20.488 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

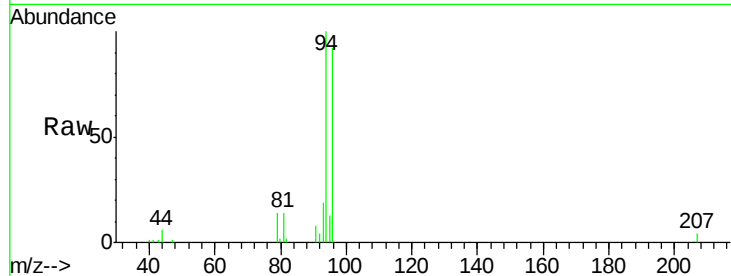
VN0325WBS01

Tgt Ion: 94 Resp: 24410

Ion Ratio Lower Upper

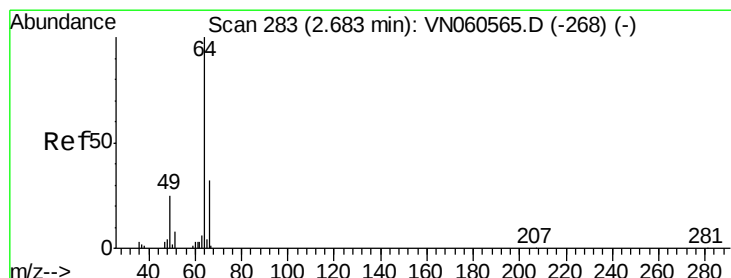
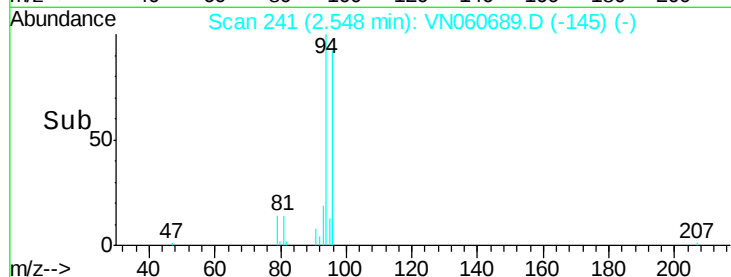
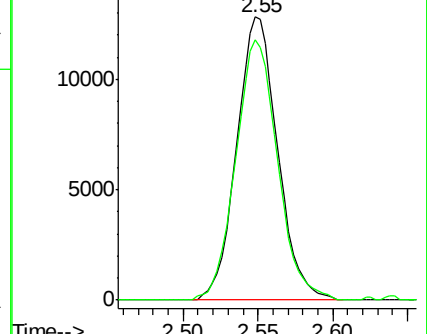
94 100

96 91.8 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.089 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060689.D

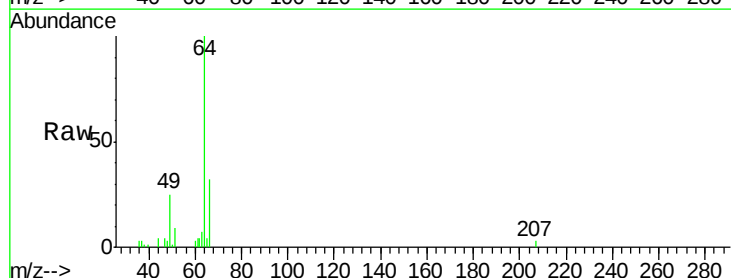
Acq: 25 Mar 2020 12:12

Tgt Ion: 64 Resp: 30349

Ion Ratio Lower Upper

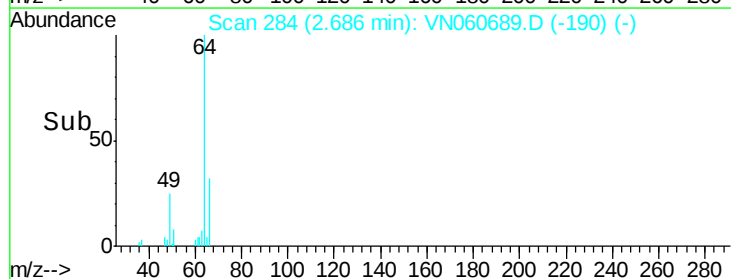
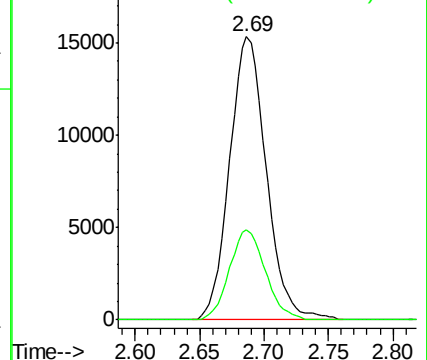
64 100

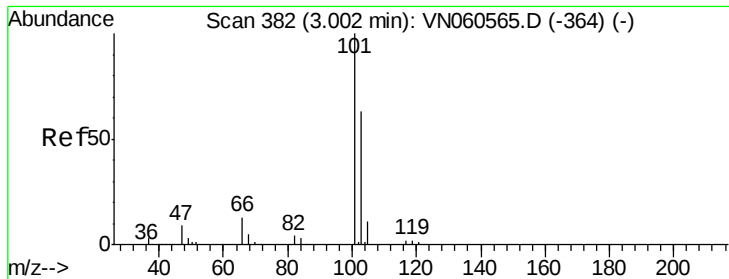
66 31.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



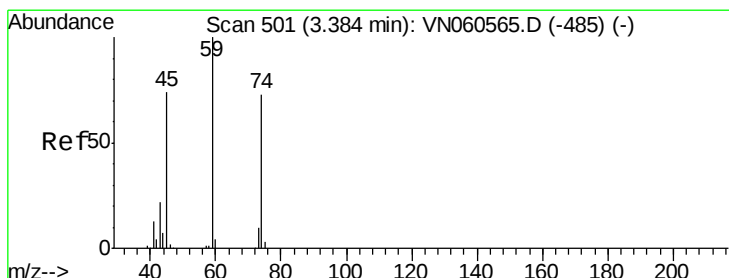
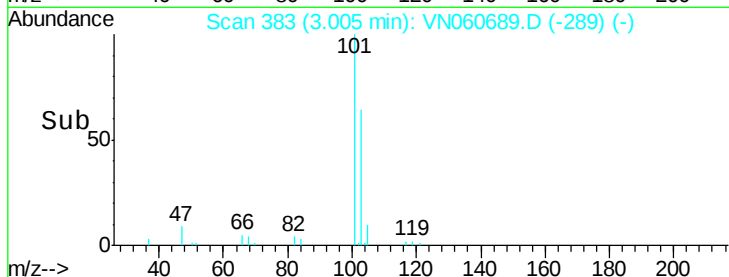
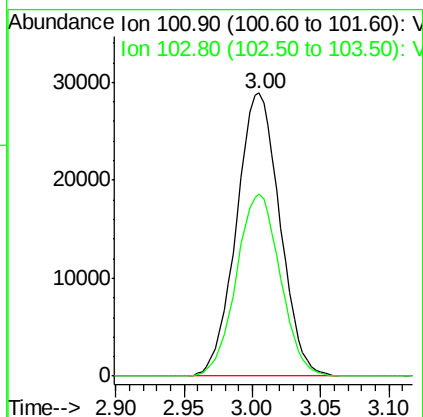
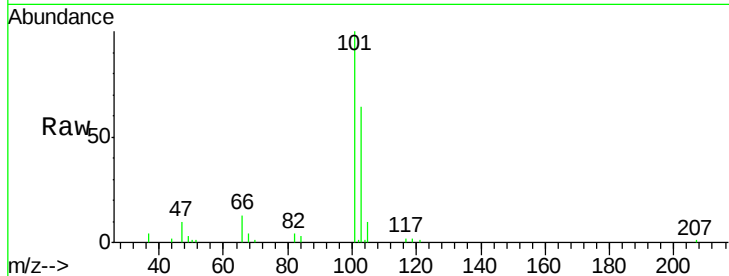


#7

Trichlorofluoromethane
 Concen: 18.781 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060689.D
 Acq: 25 Mar 2020 12:12

Instrument :
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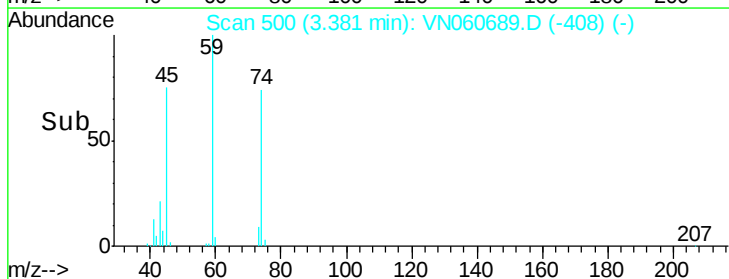
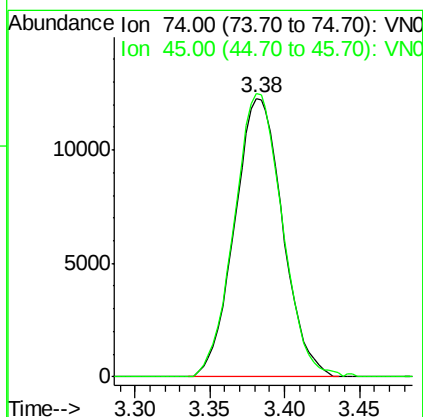
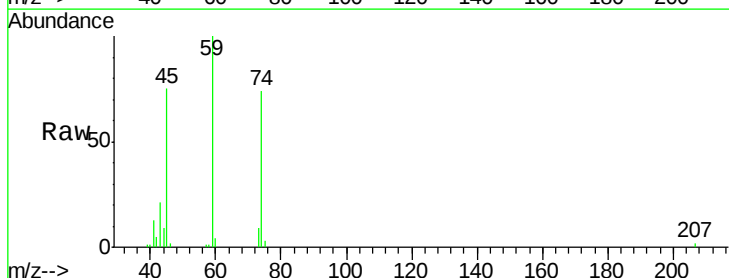
Tgt Ion: 101 Resp: 63853
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.6 76.0

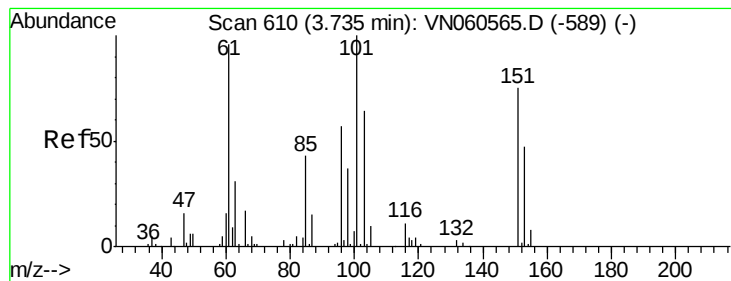


#8

Diethyl Ether
 Concen: 20.051 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VN060689.D
 Acq: 25 Mar 2020 12:12

Tgt Ion: 74 Resp: 27386
 Ion Ratio Lower Upper
 74 100
 45 101.9 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.129 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

Instrument :

MSVOA_N

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VN0325WBS01

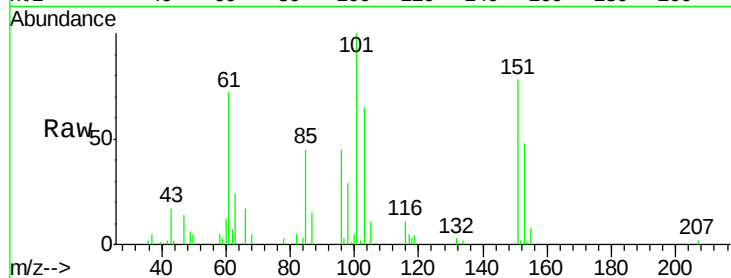
Tgt Ion:101 Resp: 39655

Ion Ratio Lower Upper

101 100

85 44.0 35.6 53.4

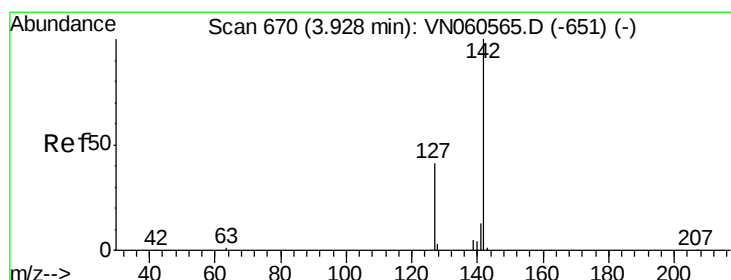
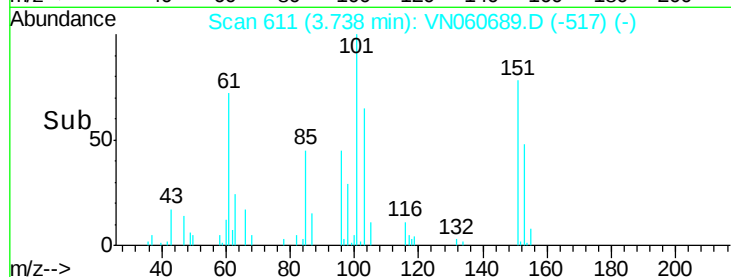
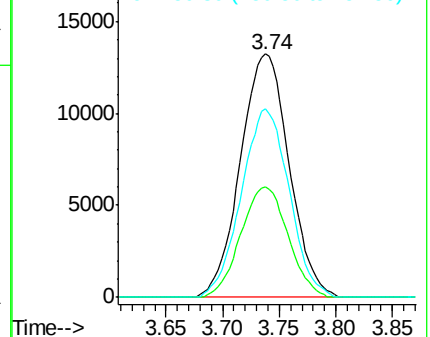
151 75.8 61.4 92.2



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: 19.903 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

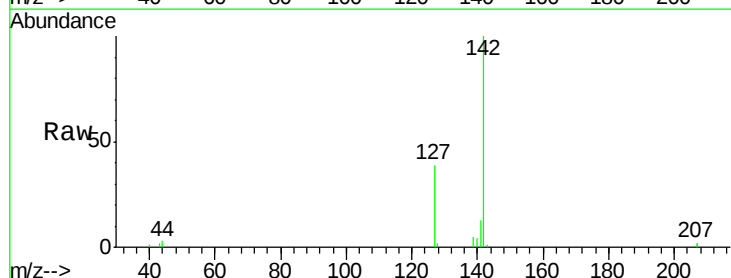
Tgt Ion:142 Resp: 34890

Ion Ratio Lower Upper

142 100

127 40.6 33.5 50.3

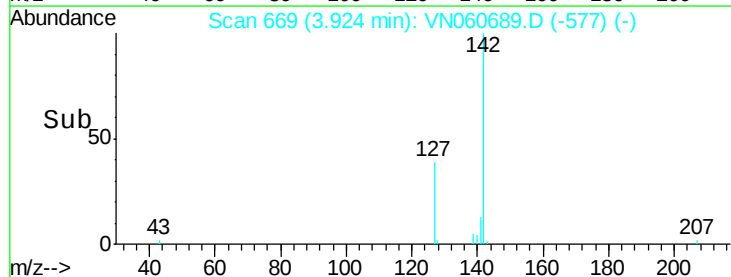
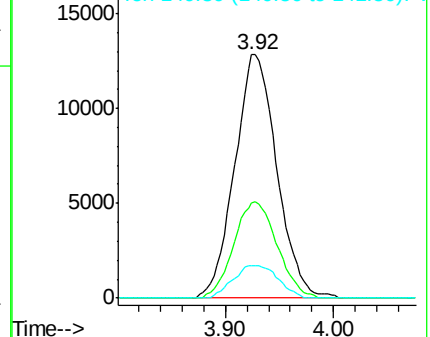
141 14.2 11.0 16.6

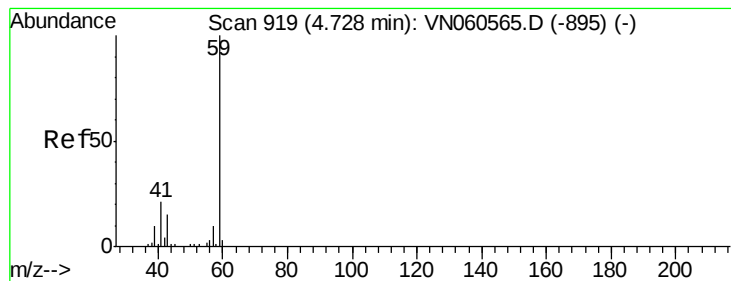


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



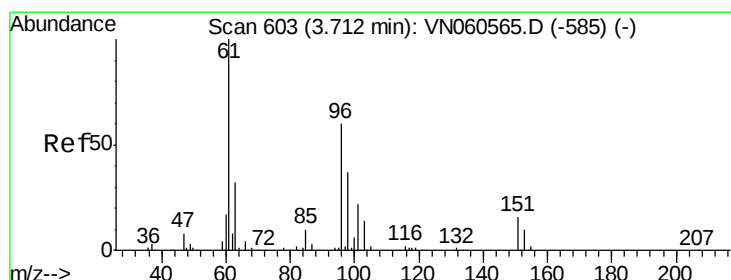
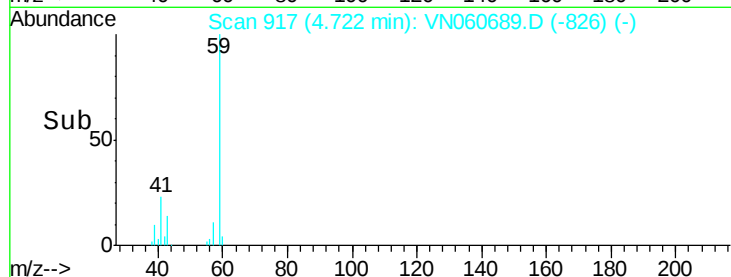
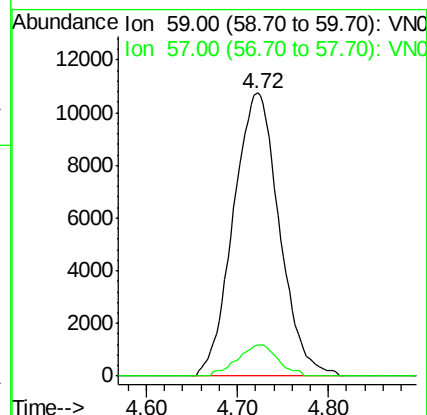
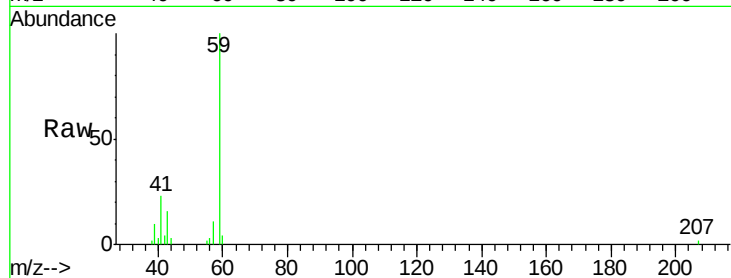


#11

Tert butyl alcohol
Concen: 95.654 ug/l
RT: 4.72 min Scan# 917
Delta R.T. -0.01 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

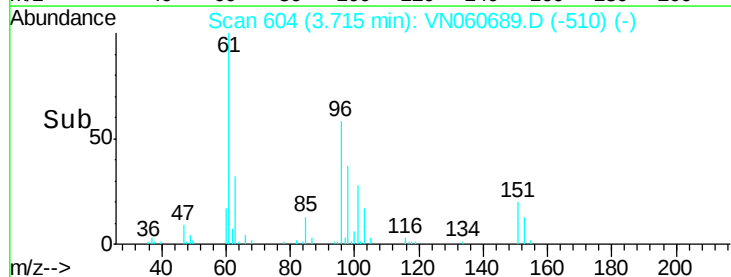
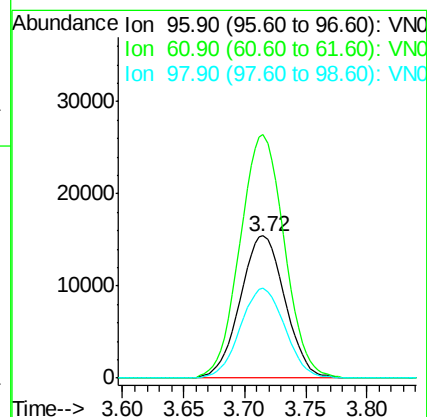
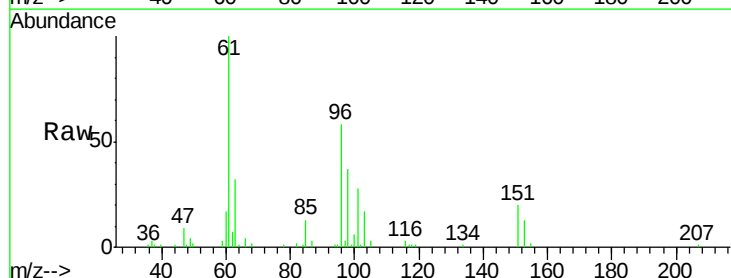
Tgt Ion: 59 Resp: 37708
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4

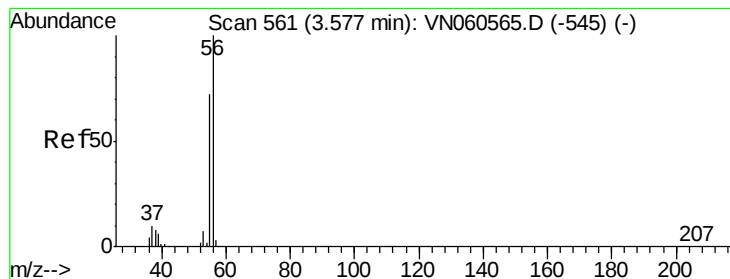


#12

1,1-Dichloroethene
Concen: 18.589 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

Tgt Ion: 96 Resp: 39299
Ion Ratio Lower Upper
96 100
61 171.0 134.1 201.1
98 62.9 49.9 74.9





#13

Acrolein

Concen: 86.731 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

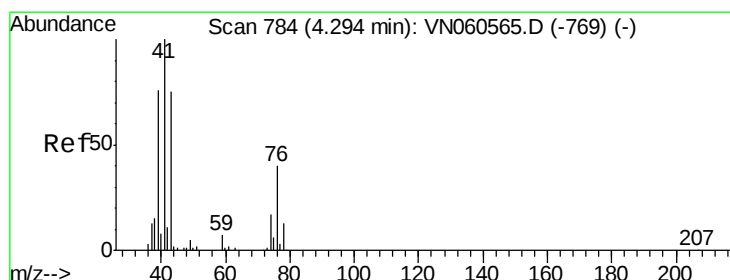
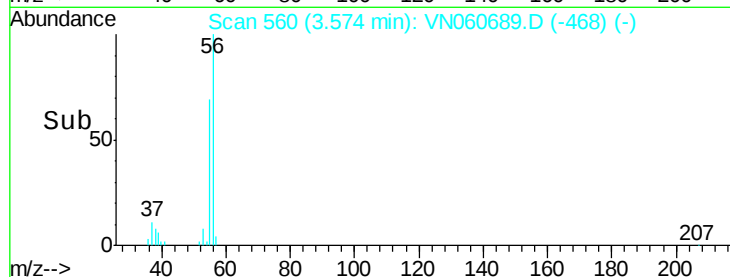
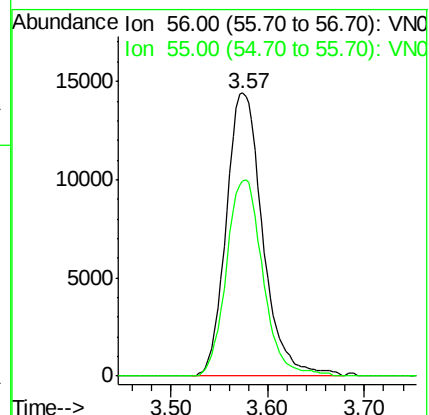
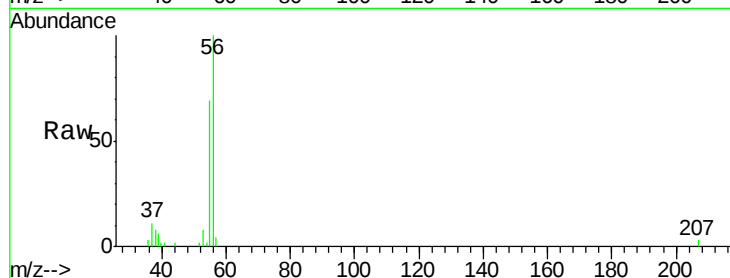
VN0325WBS01

Tgt Ion: 56 Resp: 37893

Ion Ratio Lower Upper

56 100

55 69.3 56.7 85.1



#14

Allyl chloride

Concen: 18.398 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

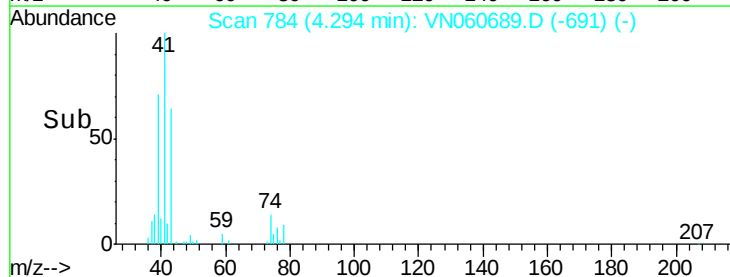
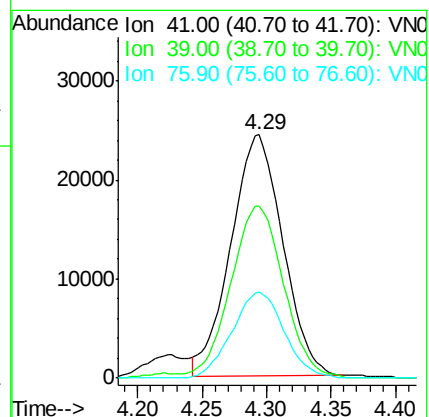
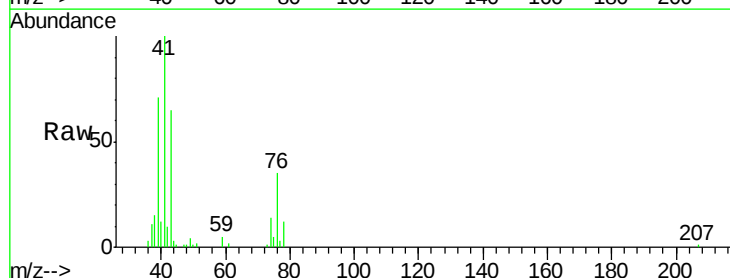
Tgt Ion: 41 Resp: 68407

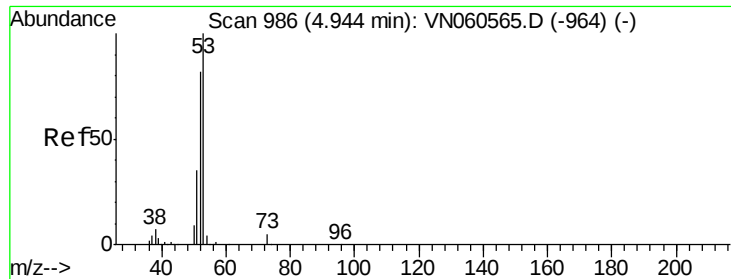
Ion Ratio Lower Upper

41 100

39 72.6 57.8 86.8

76 35.7 28.6 43.0





#15

Acrylonitrile

Concen: 95.263 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBS01

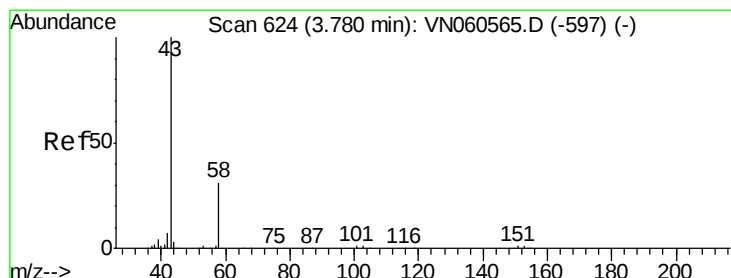
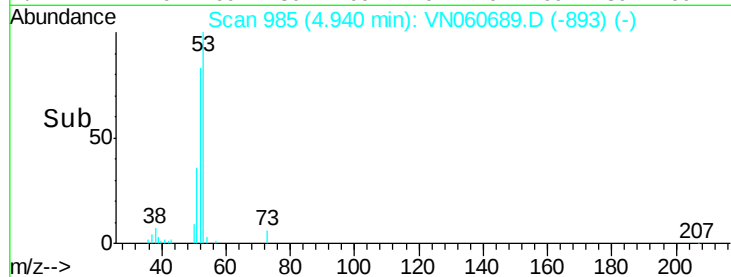
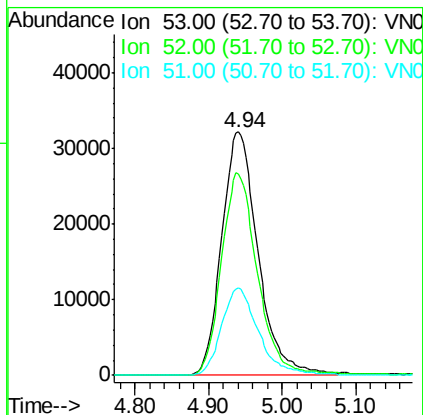
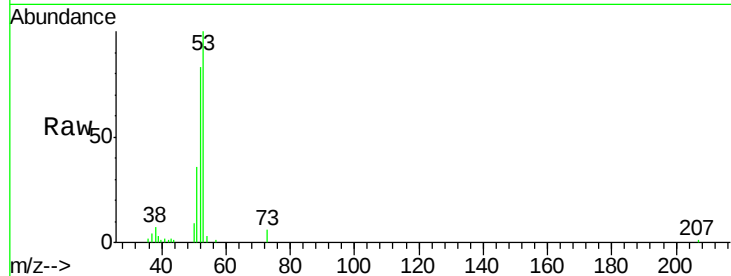
Tgt Ion: 53 Resp: 110431

Ion Ratio Lower Upper

53 100

52 82.0 66.2 99.4

51 36.6 28.7 43.1



#16

Acetone

Concen: 113.024 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060689.D

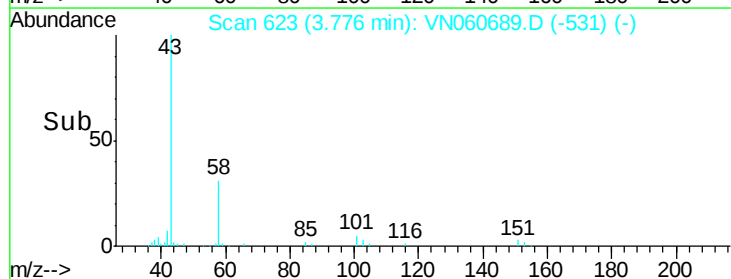
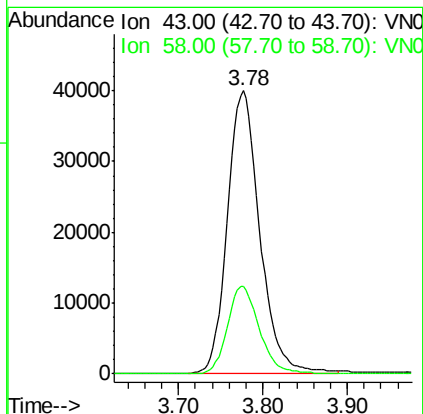
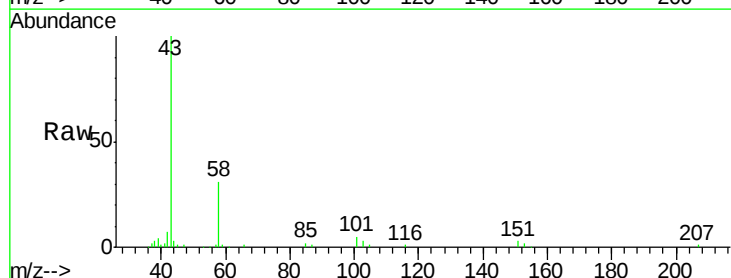
Acq: 25 Mar 2020 12:12

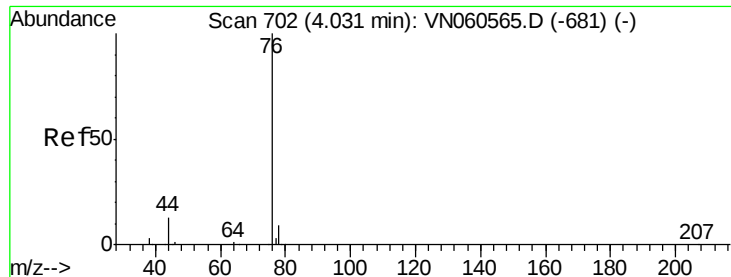
Tgt Ion: 43 Resp: 107314

Ion Ratio Lower Upper

43 100

58 30.9 25.1 37.7

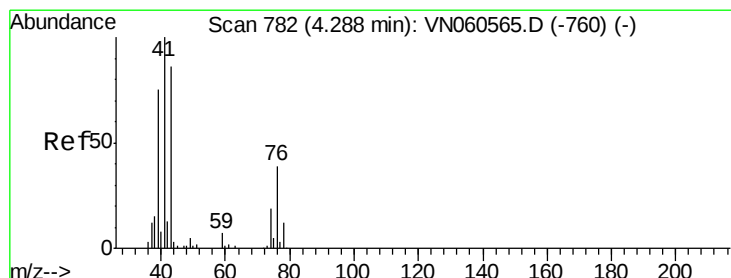
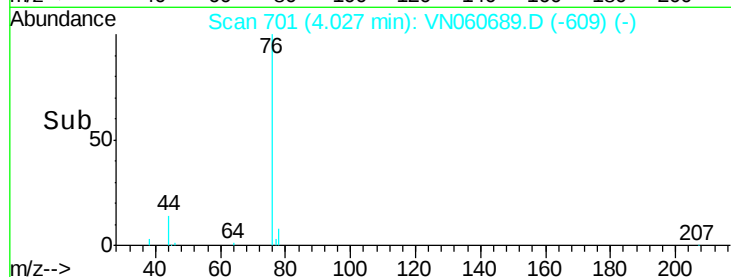
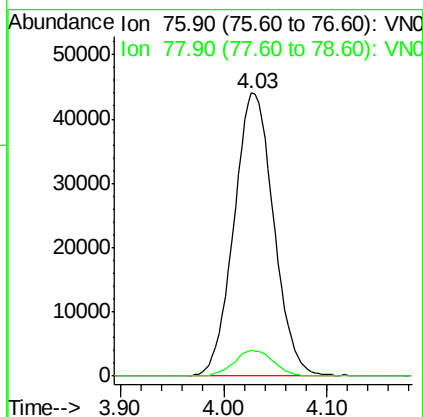
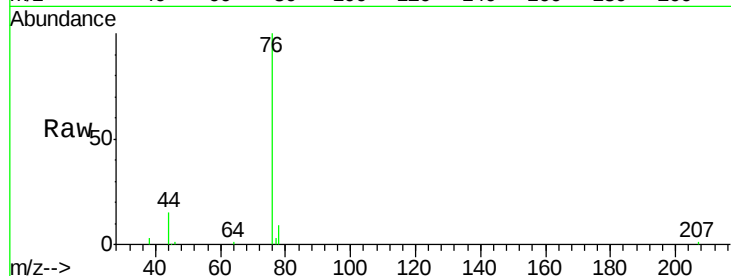




#17
Carbon Disulfide
Concen: 18.343 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

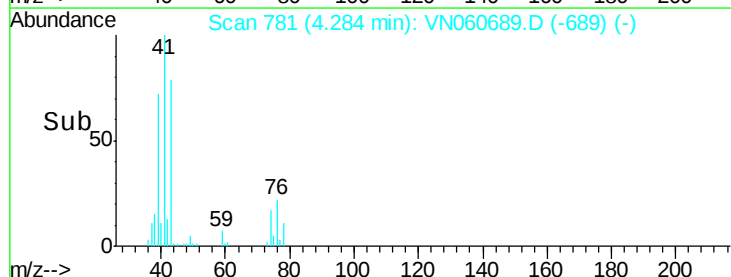
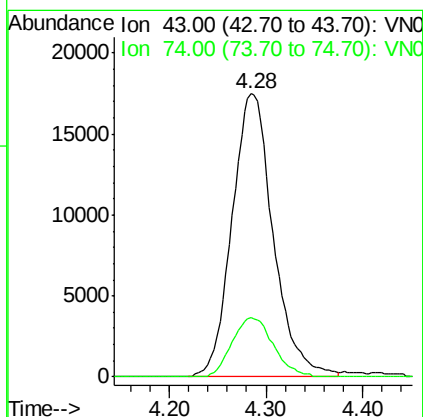
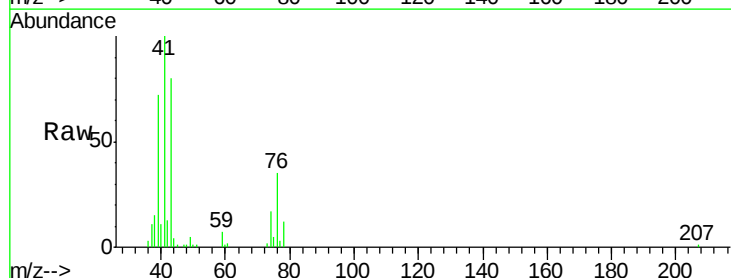
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

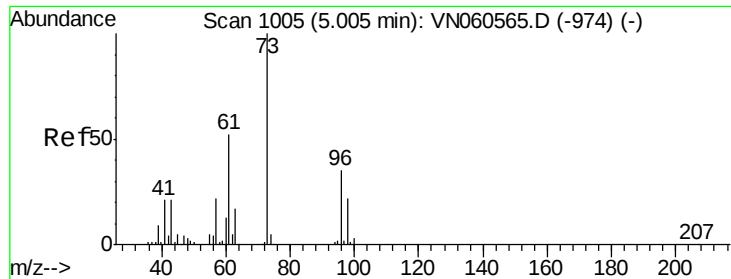
Tgt Ion: 76 Resp: 117933
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 19.389 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

Tgt Ion: 43 Resp: 51817
Ion Ratio Lower Upper
43 100
74 21.0 17.5 26.3

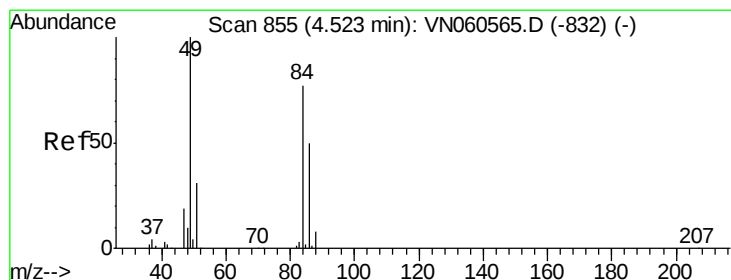
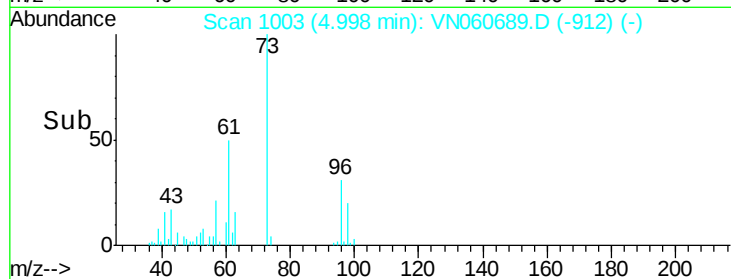
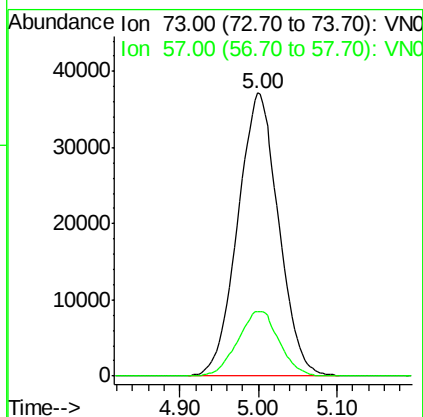
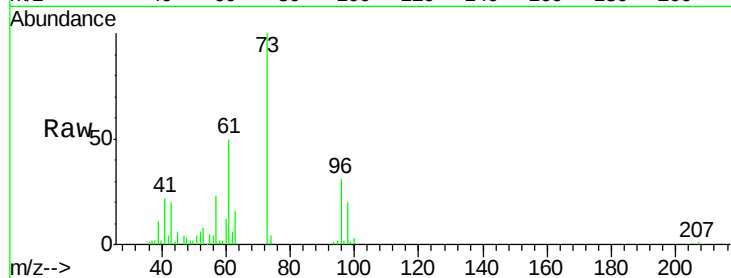




#19
Methyl tert-butyl Ether
Concen: 18.643 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. -0.01 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

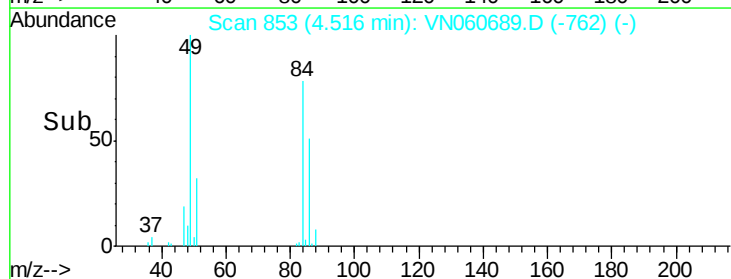
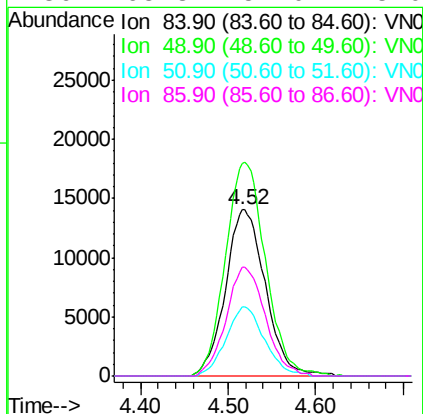
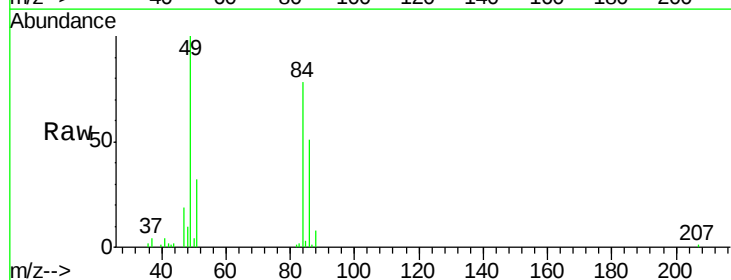
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

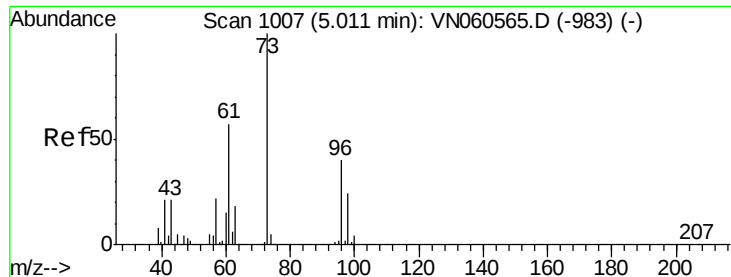
Tgt Ion: 73 Resp: 135506
Ion Ratio Lower Upper
73 100
57 22.8 17.5 26.3



#20
Methylene Chloride
Concen: 19.022 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

Tgt Ion: 84 Resp: 44429
Ion Ratio Lower Upper
84 100
49 127.5 103.3 154.9
51 41.3 31.6 47.4
86 65.3 52.0 78.0

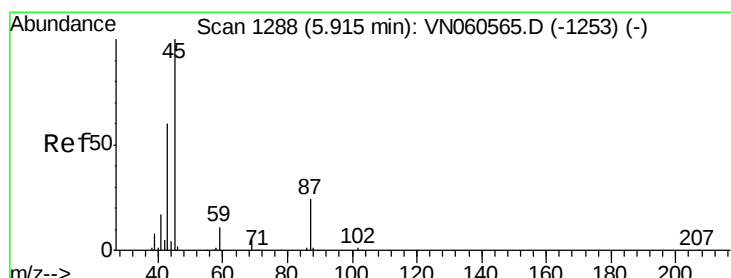
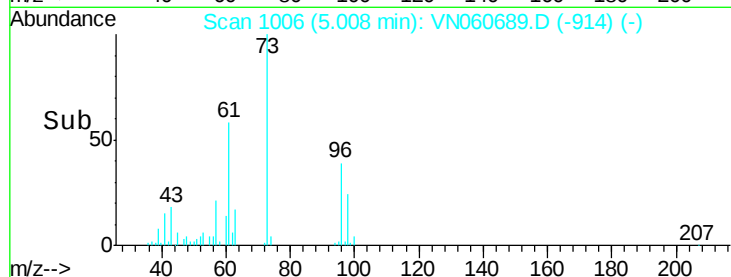
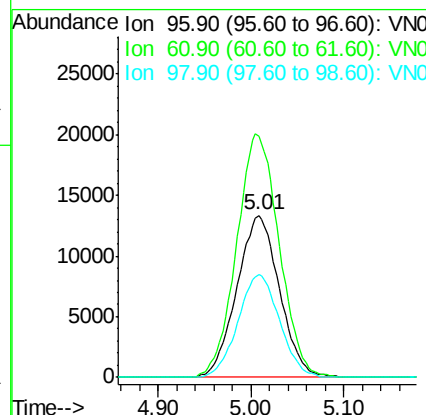
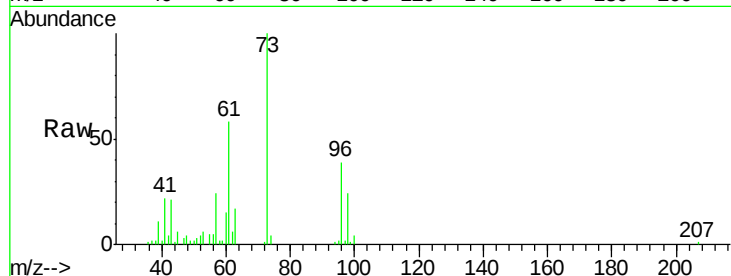




#21
trans-1,2-Dichloroethene
Concen: 18.881 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

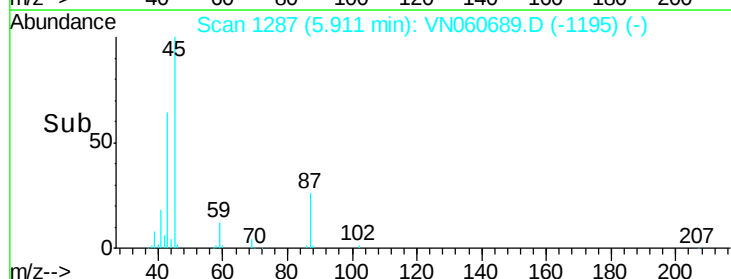
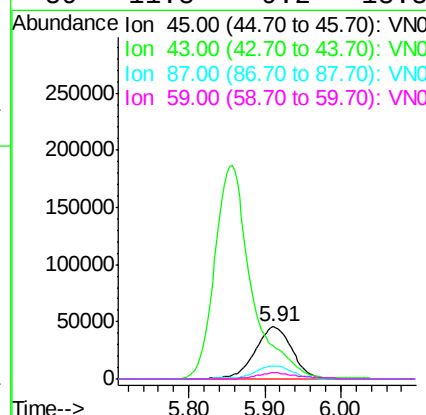
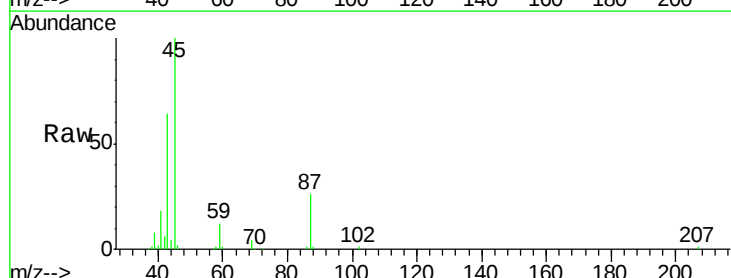
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

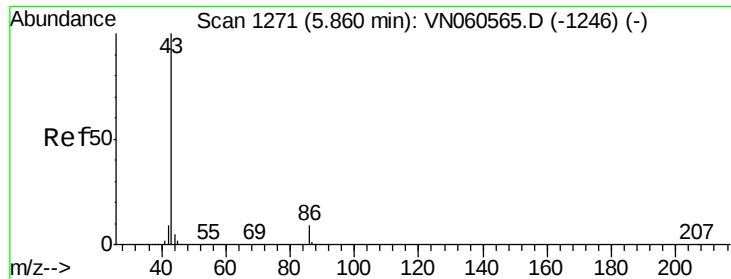
Tgt Ion: 96 Resp: 42542
Ion Ratio Lower Upper
96 100
61 149.2 114.4 171.6
98 63.1 48.4 72.6



#22
Diisopropyl ether
Concen: 19.619 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

Tgt Ion: 45 Resp: 154117
Ion Ratio Lower Upper
45 100
43 61.9 49.8 74.8
87 25.8 20.1 30.1
59 11.8 9.2 13.8

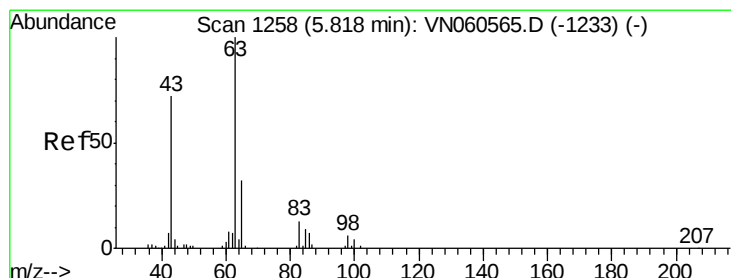
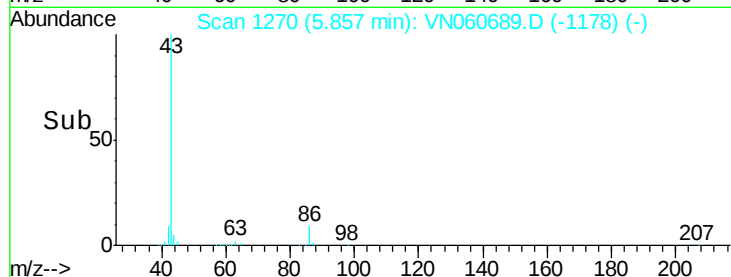
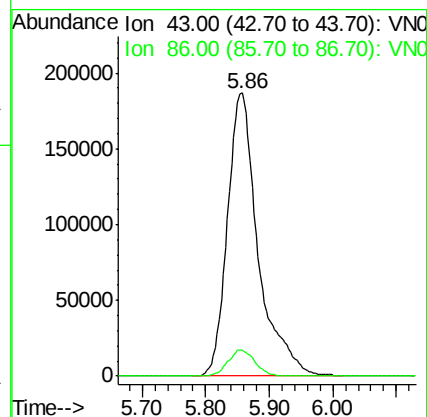
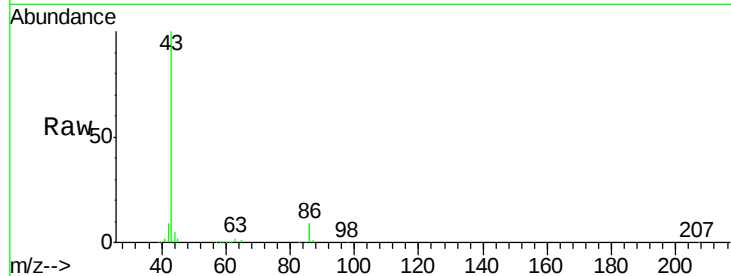




#23
 Vinyl Acetate
 Concen: 97.840 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN060689.D
 Acq: 25 Mar 2020 12:12

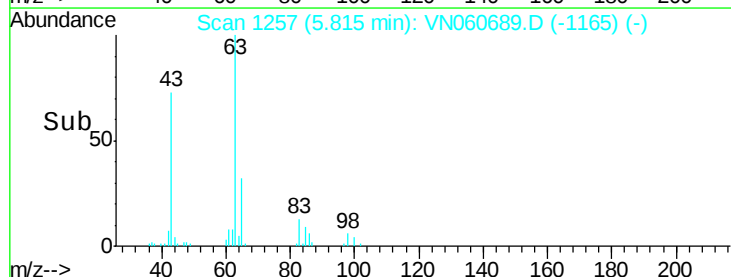
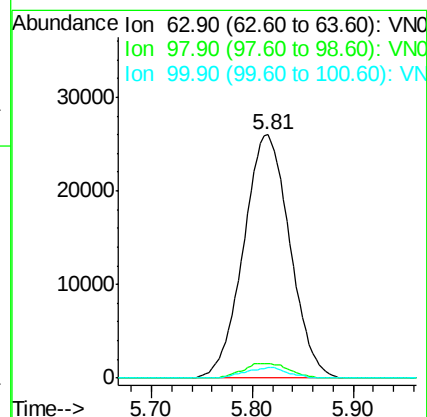
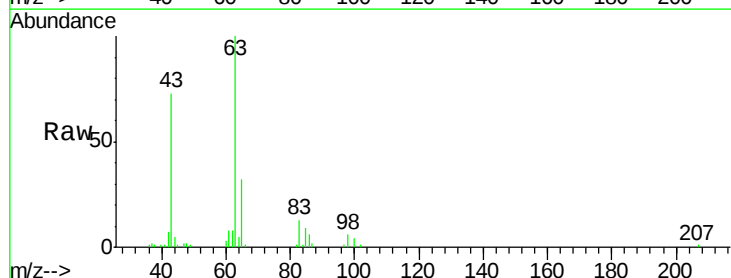
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBS01

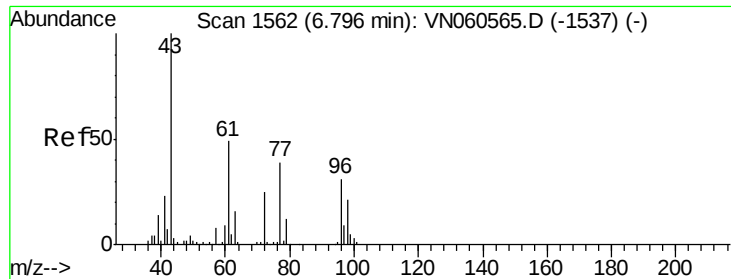
Tgt Ion: 43 Resp: 627086
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 19.332 ug/l
 RT: 5.81 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN060689.D
 Acq: 25 Mar 2020 12:12

Tgt Ion: 63 Resp: 82787
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.9 8.7
 100 4.3 1.8 5.5





#25

2-Butanone

Concen: 98.068 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

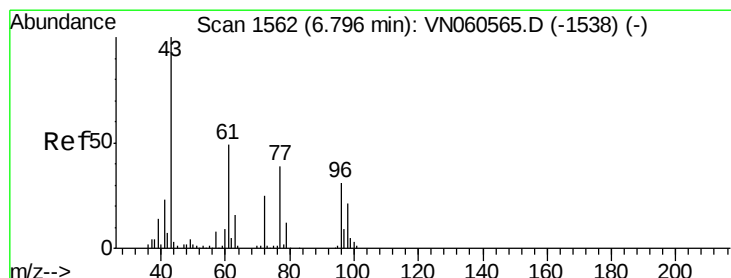
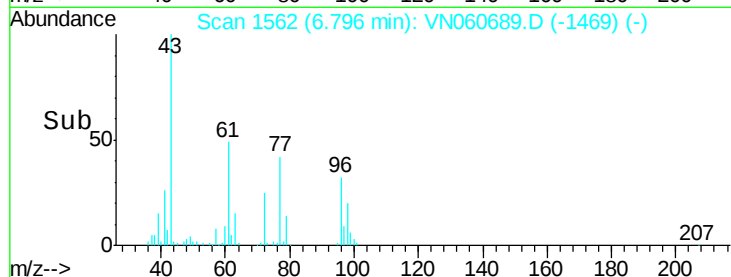
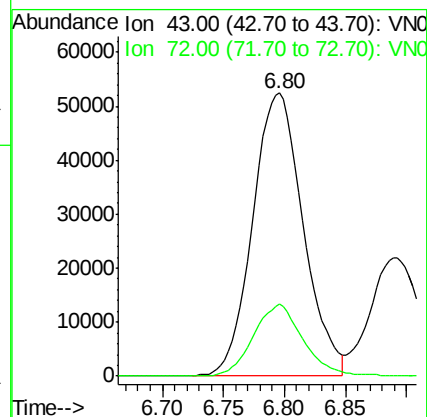
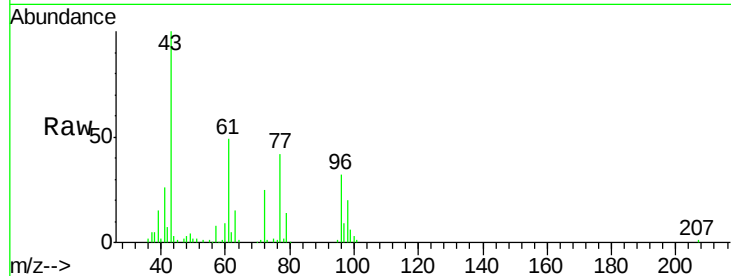
VN0325WBS01

Tgt Ion: 43 Resp: 150674

Ion Ratio Lower Upper

43 100

72 25.3 20.4 30.6



#26

2,2-Dichloropropane

Concen: 21.327 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060689.D

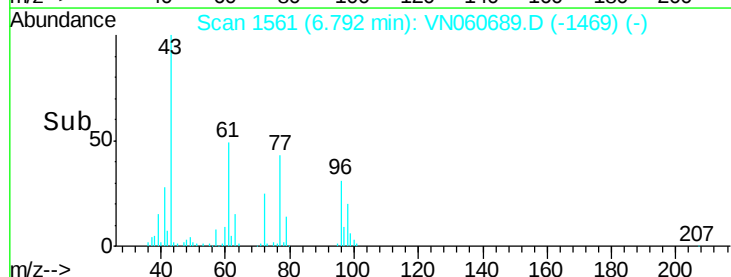
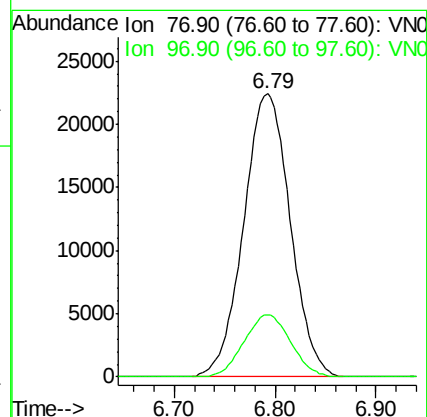
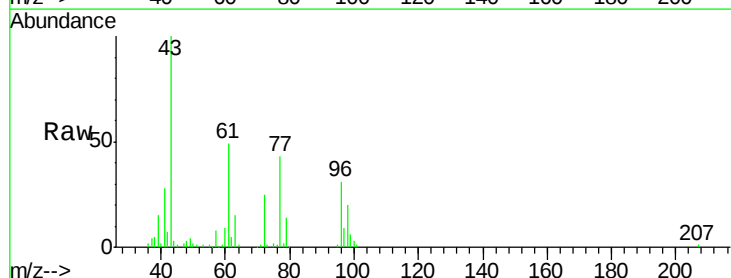
Acq: 25 Mar 2020 12:12

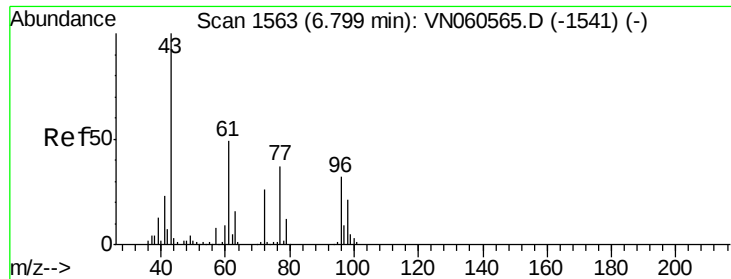
Tgt Ion: 77 Resp: 71857

Ion Ratio Lower Upper

77 100

97 21.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.761 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBS01

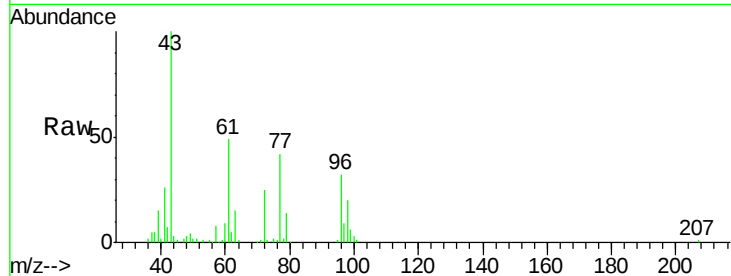
Tgt Ion: 96 Resp: 48036

Ion Ratio Lower Upper

96 100

61 158.9 0.0 305.6

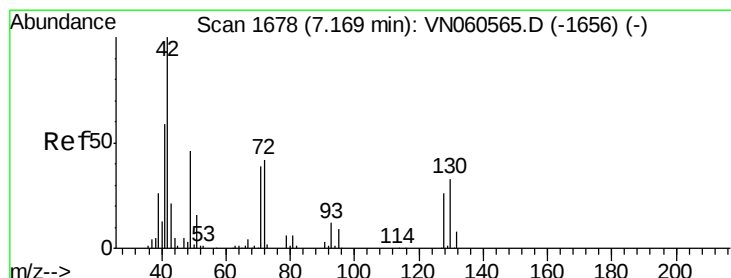
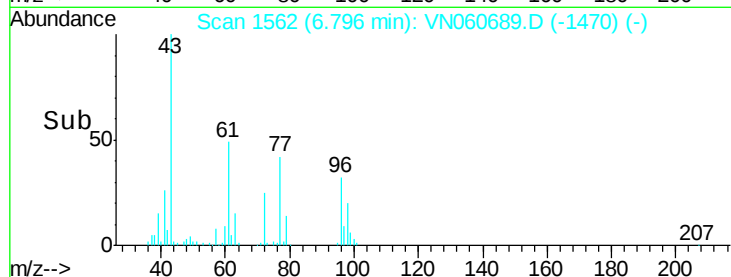
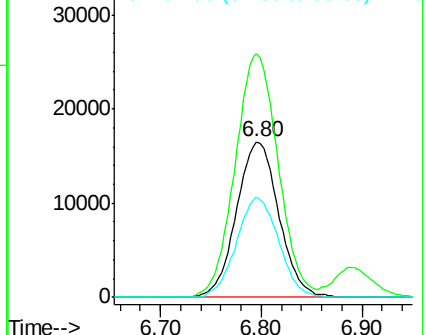
98 64.0 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VN060689.D (-1470) (-)

Ion 60.90 (60.60 to 61.60): VN060689.D (-1470) (-)

Ion 97.90 (97.60 to 98.60): VN060689.D (-1470) (-)



#28

Bromochloromethane

Concen: 20.478 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

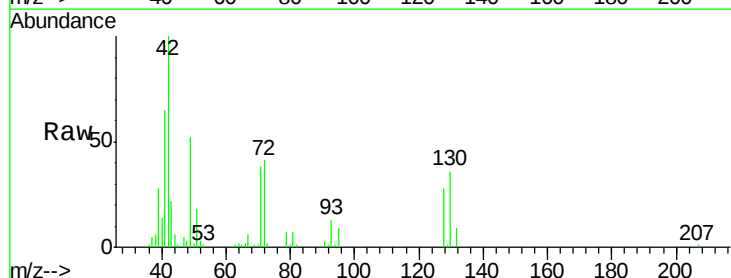
Tgt Ion: 49 Resp: 41956

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.4

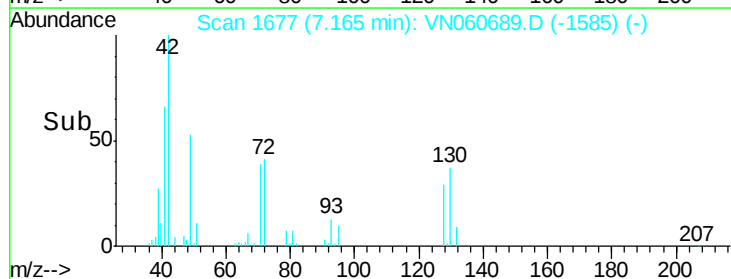
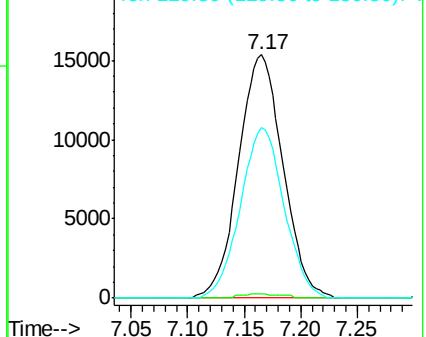
130 68.8 55.0 82.4

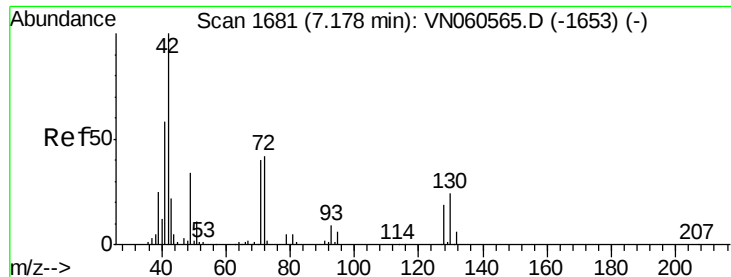


Abundance Ion 48.90 (48.60 to 49.60): VN060689.D (-1585) (-)

Ion 128.80 (128.50 to 129.50): VN060689.D (-1585) (-)

Ion 129.80 (129.50 to 130.50): VN060689.D (-1585) (-)

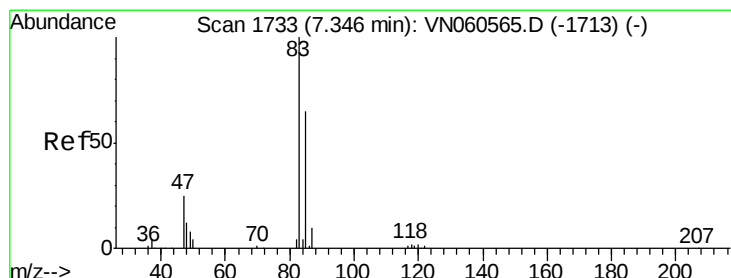
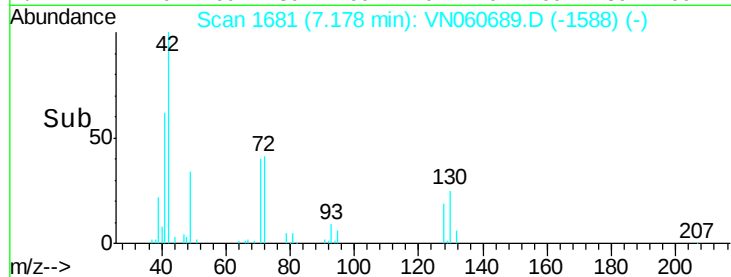
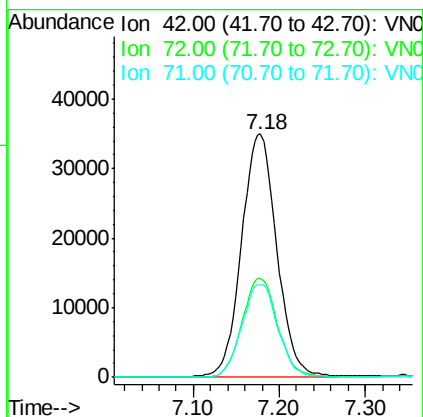
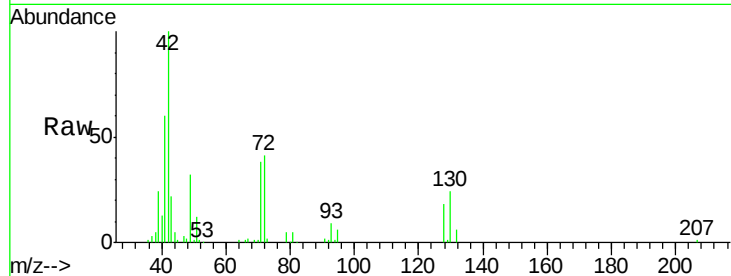




#29
Tetrahydrofuran
Concen: 91.961 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

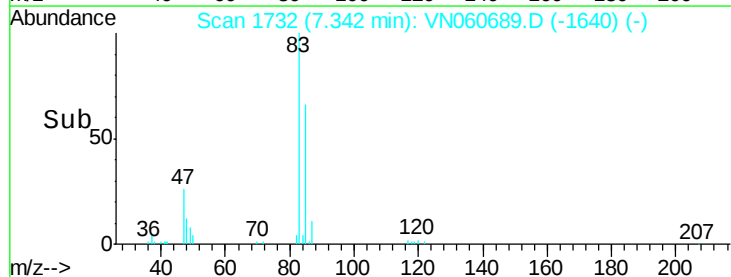
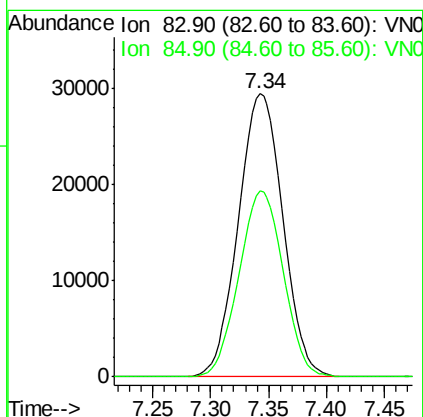
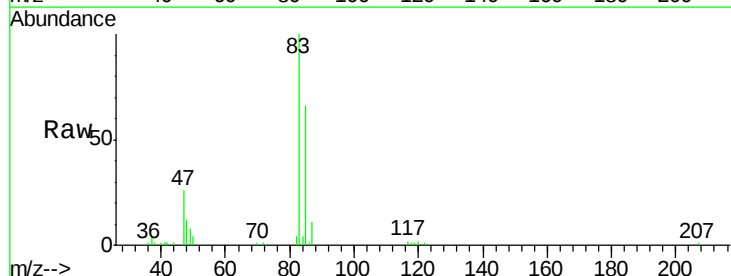
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

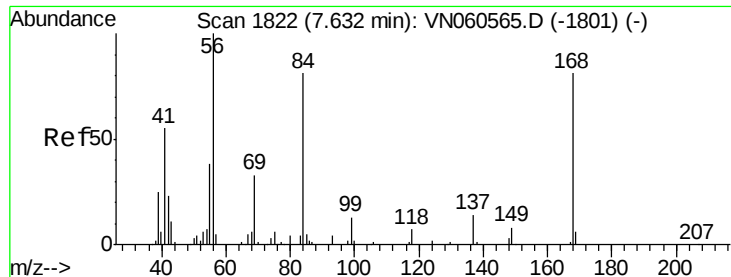
Tgt Ion: 42 Resp: 99969
Ion Ratio Lower Upper
42 100
72 41.0 33.2 49.8
71 39.0 31.1 46.7



#30
Chloroform
Concen: 19.200 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

Tgt Ion: 83 Resp: 78820
Ion Ratio Lower Upper
83 100
85 65.9 51.8 77.8

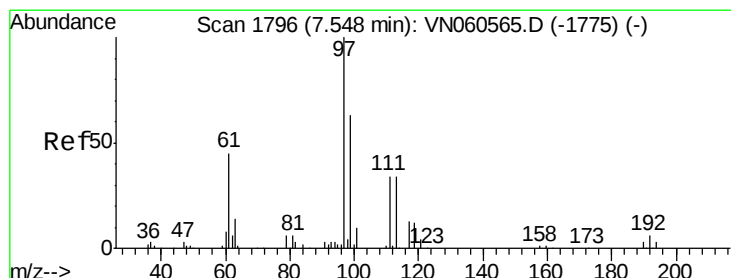
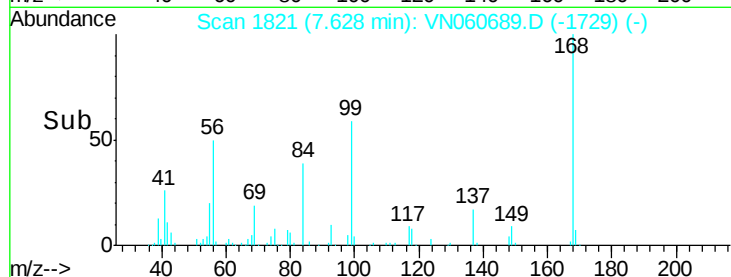
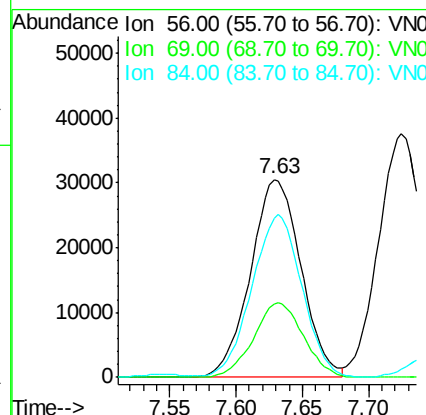
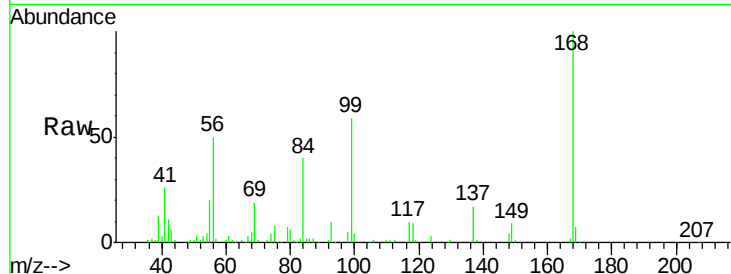




#31
Cyclohexane
Concen: 18.819 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

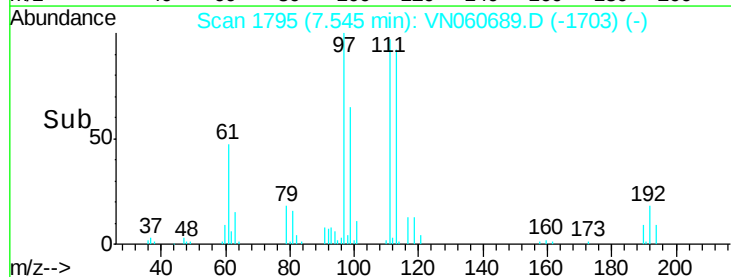
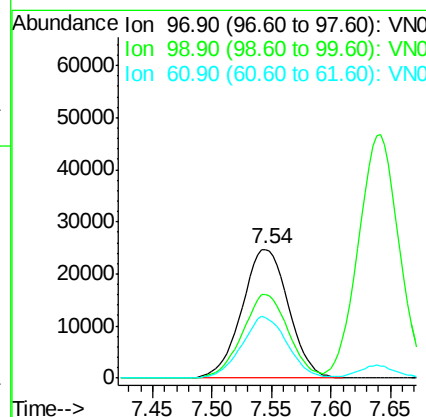
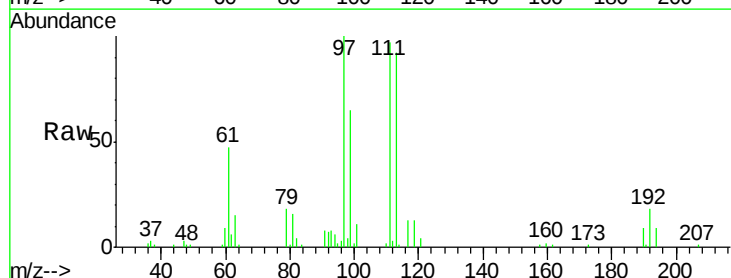
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

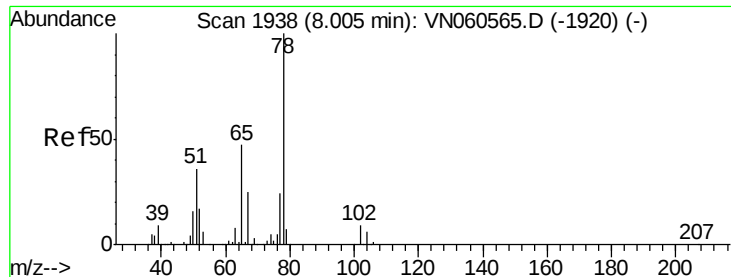
Tgt Ion: 56 Resp: 81246
Ion Ratio Lower Upper
56 100
69 37.1 26.6 40.0
84 79.6 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 18.947 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

Tgt Ion: 97 Resp: 67053
Ion Ratio Lower Upper
97 100
99 64.4 50.6 75.8
61 46.7 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 52.234 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

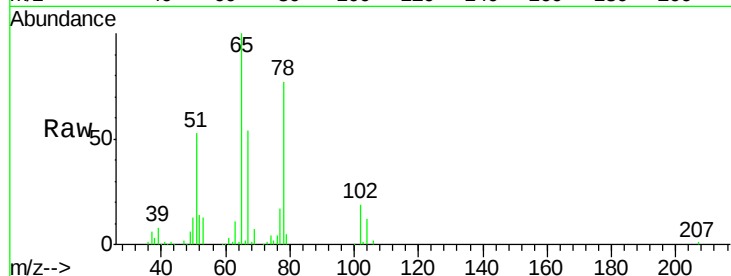
VN0325WBS01

Tgt Ion: 65 Resp: 140013

Ion Ratio Lower Upper

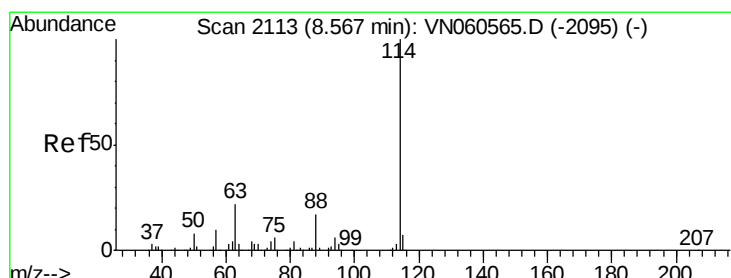
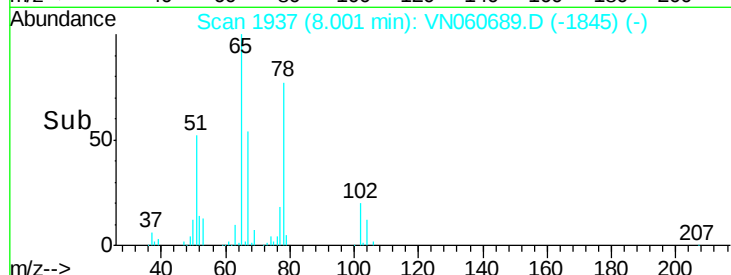
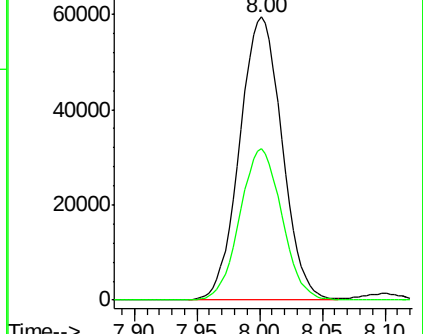
65 100

67 53.0 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN060565.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN060565.D (-1920) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

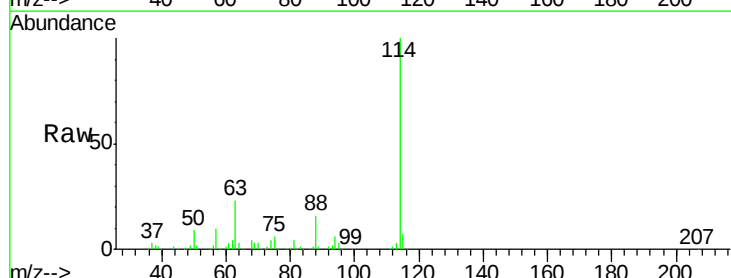
Tgt Ion: 114 Resp: 321308

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.8

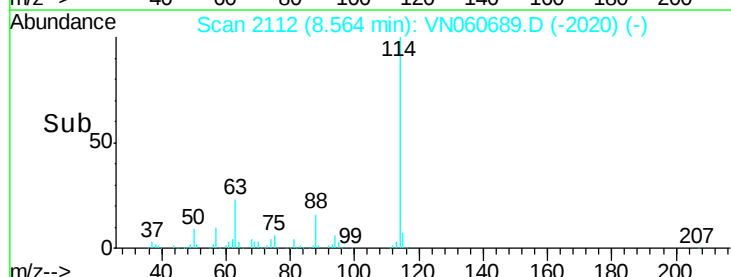
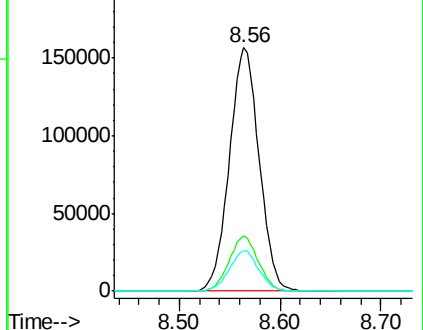
88 16.5 0.0 33.0

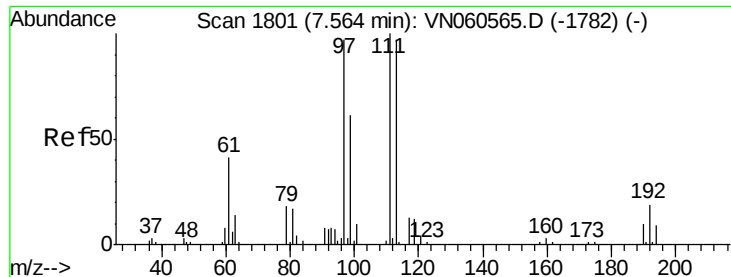


Abundance Ion 113.90 (113.60 to 114.60): VN060565.D (-2095) (-)

Ion 63.00 (62.70 to 63.70): VN060565.D (-2095) (-)

Ion 87.90 (87.60 to 88.60): VN060565.D (-2095) (-)

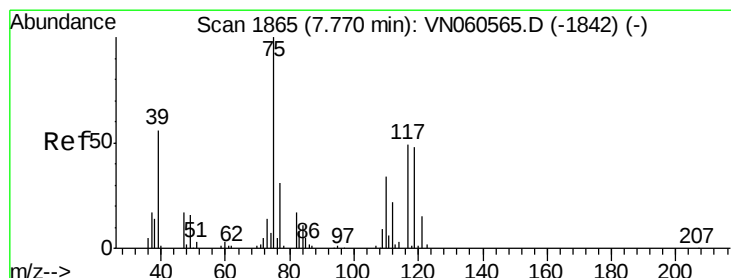
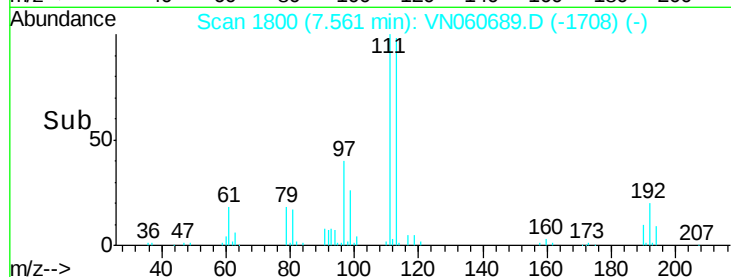
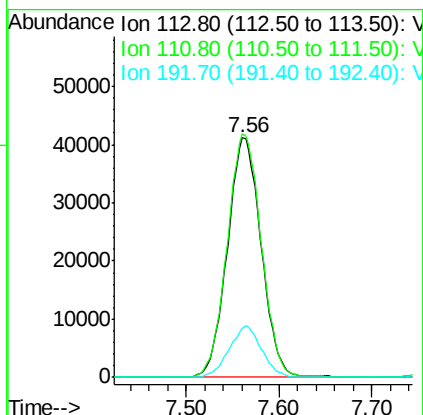
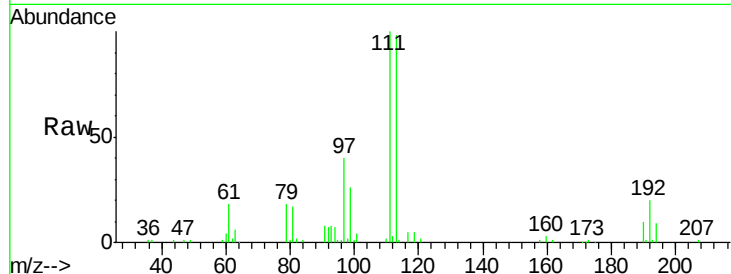




#35
 Dibromofluoromethane
 Concen: 53.396 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN060689.D
 Acq: 25 Mar 2020 12:12

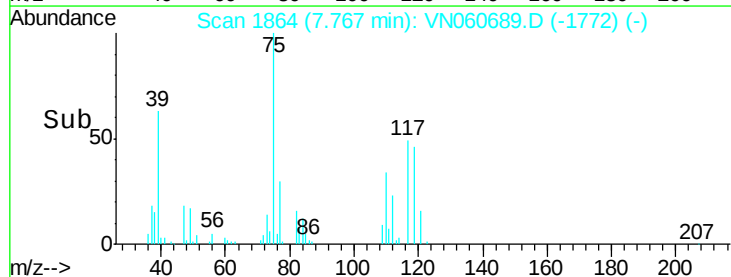
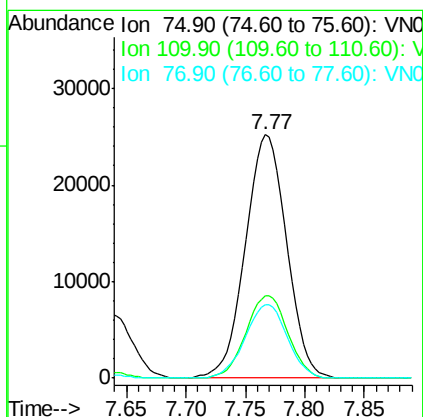
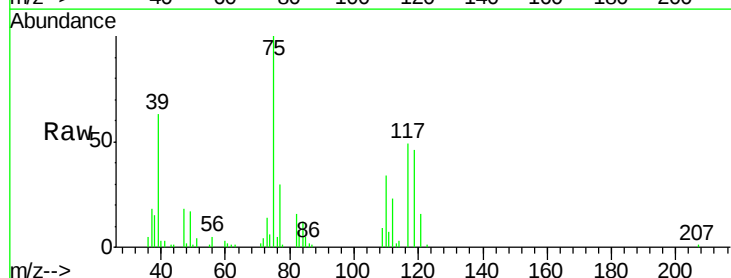
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBS01

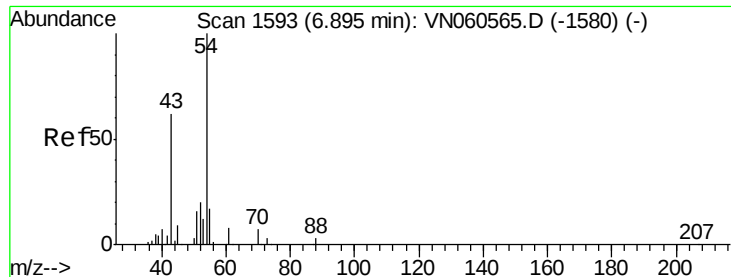
Tgt Ion:113 Resp: 103741
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.9 124.3
 192 20.6 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 19.457 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060689.D
 Acq: 25 Mar 2020 12:12

Tgt Ion: 75 Resp: 60536
 Ion Ratio Lower Upper
 75 100
 110 34.4 16.9 50.6
 77 30.9 24.6 36.8

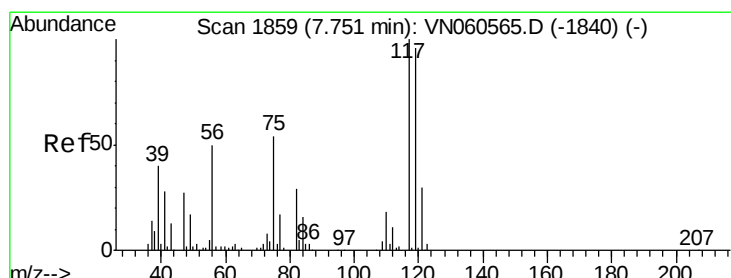
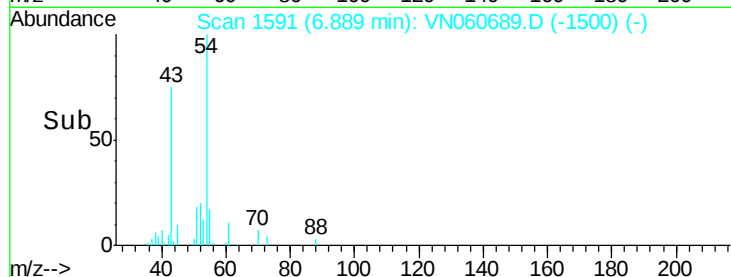
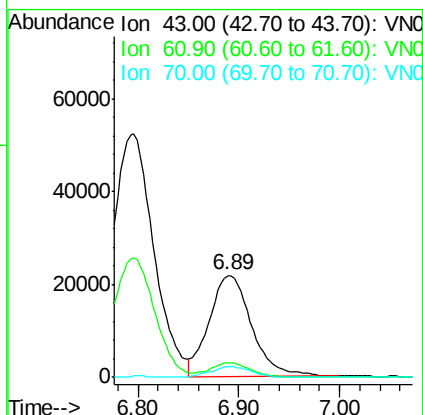
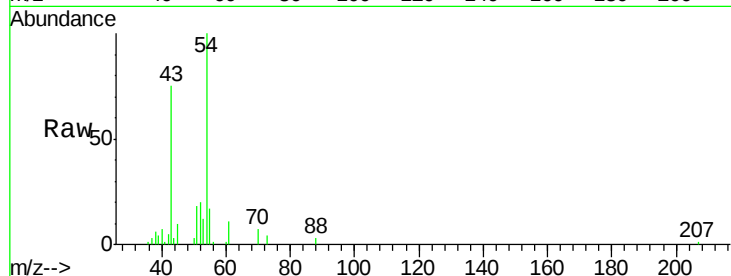




#37
Ethyl Acetate
Concen: 18.867 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

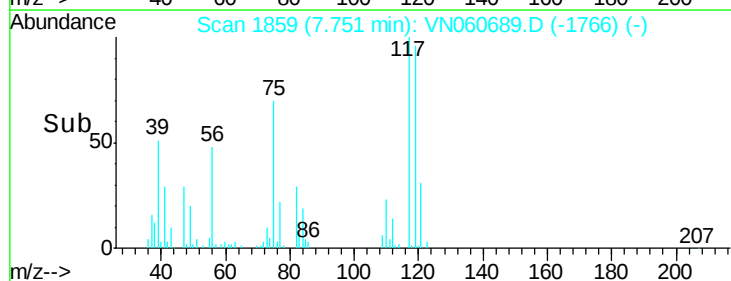
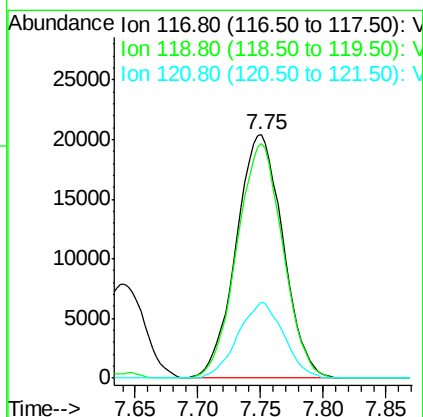
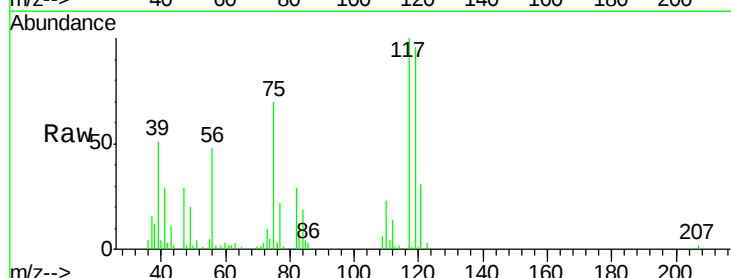
Instrument :
MSVOA_N
ClientSampled :
VN0325WBS01

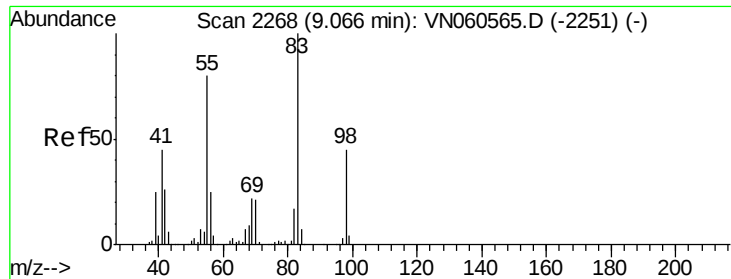
Tgt Ion: 43 Resp: 63428
Ion Ratio Lower Upper
43 100
61 13.6 10.6 15.8
70 10.1 7.9 11.9



#38
Carbon Tetrachloride
Concen: 18.948 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

Tgt Ion: 117 Resp: 52837
Ion Ratio Lower Upper
117 100
119 96.4 76.2 114.2
121 31.0 23.7 35.5

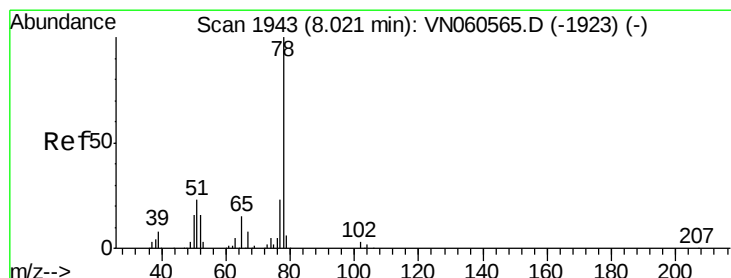
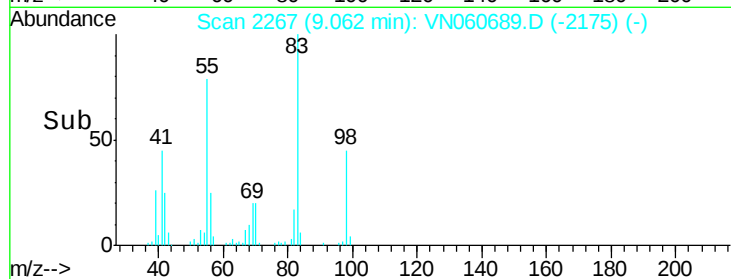
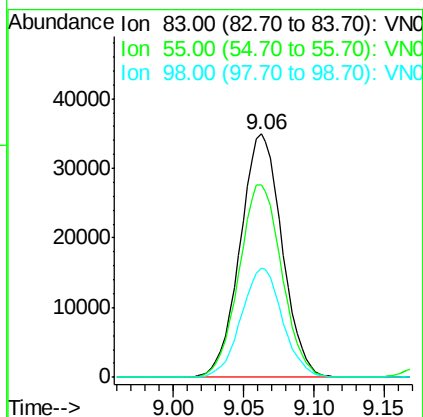
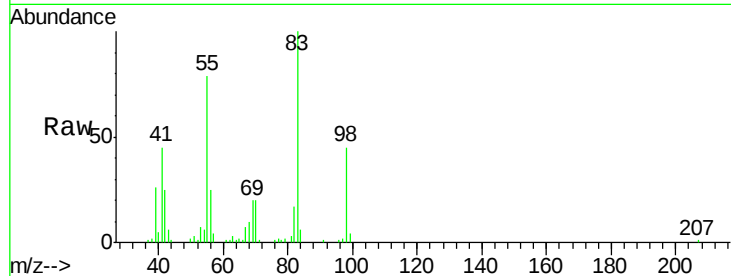




#39
Methylcyclohexane
Concen: 19.653 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

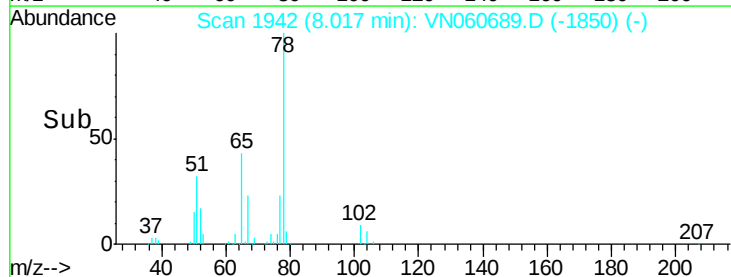
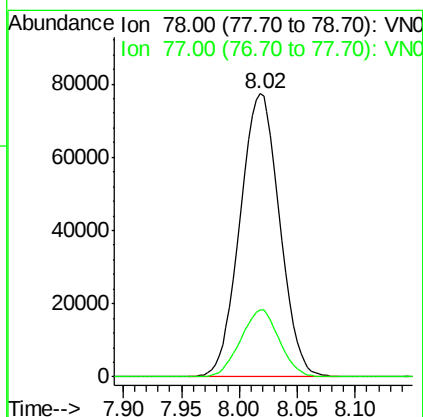
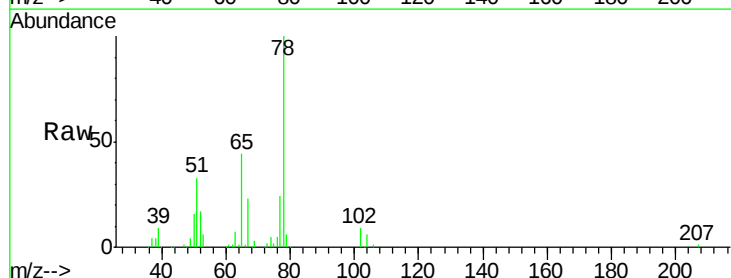
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

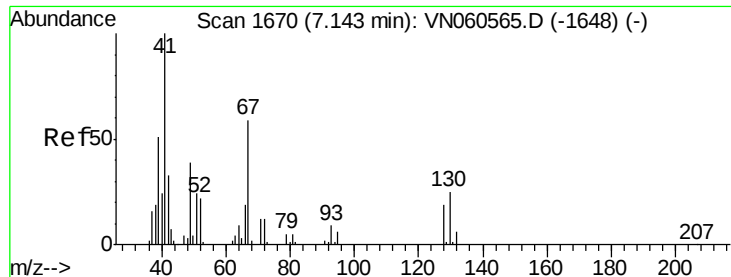
Tgt Ion: 83 Resp: 72665
Ion Ratio Lower Upper
83 100
55 79.3 63.6 95.4
98 44.8 36.0 54.0



#40
Benzene
Concen: 19.596 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

Tgt Ion: 78 Resp: 184045
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0

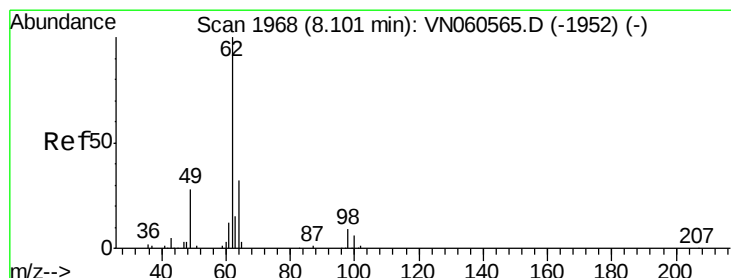
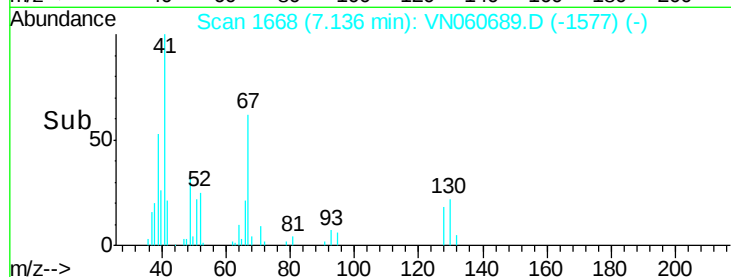
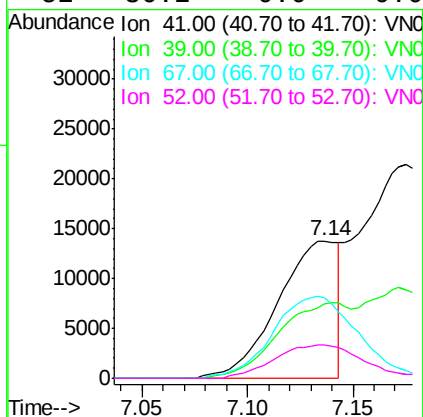
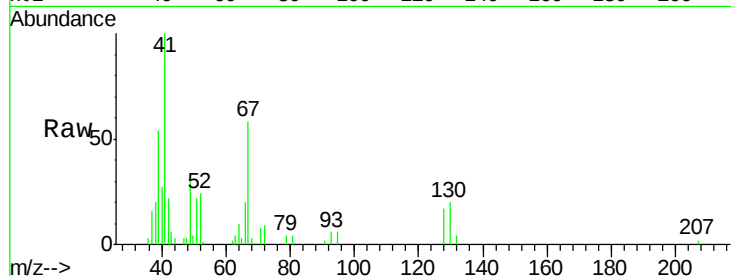




#41
Methacrylonitrile
Concen: 19.018 ug/l
RT: 7.14 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

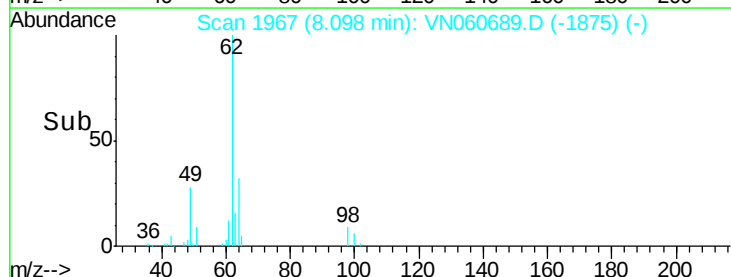
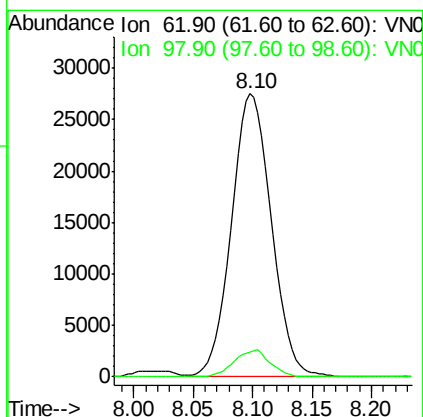
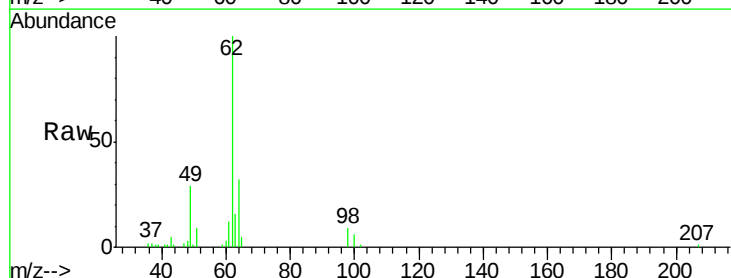
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

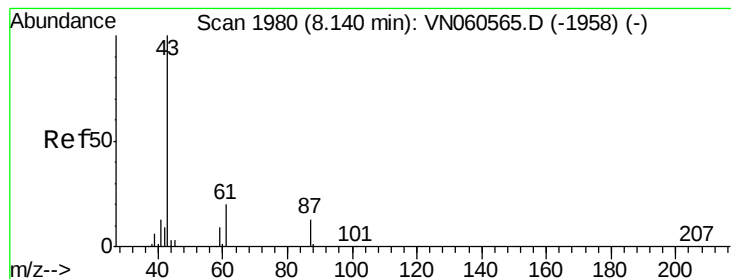
Tgt Ion:	41	Resp:	27285
Ion	Ratio	Lower	Upper
41	100		
39	65.2	0.0	0.0#
67	84.4	0.0	0.0#
52	36.2	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 19.922 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

Tgt Ion:	62	Resp:	63945
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.8





#43

Isopropyl Acetate

Concen: 19.088 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBS01

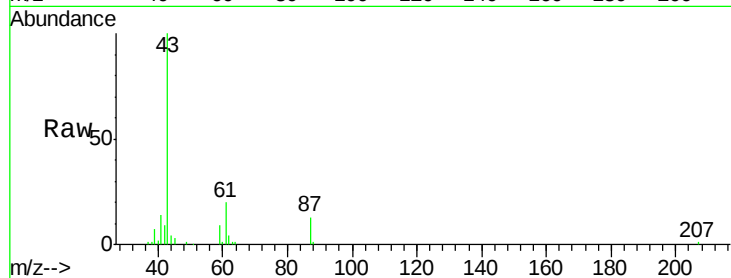
Tgt Ion: 43 Resp: 105830

Ion Ratio Lower Upper

43 100

61 25.6 20.7 31.1

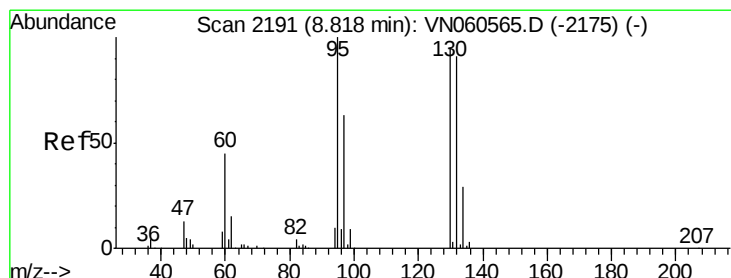
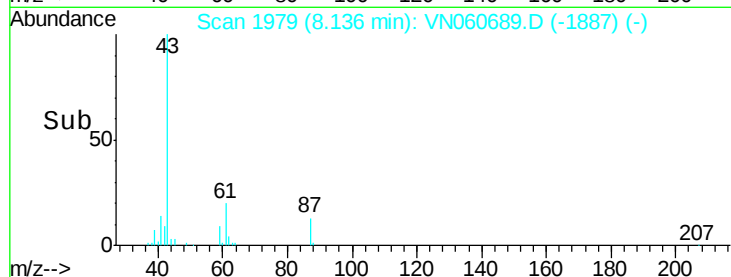
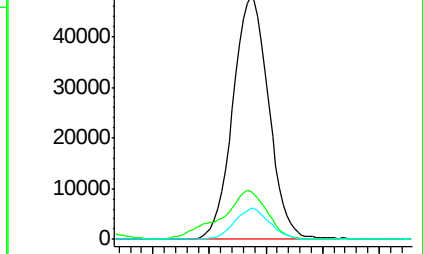
87 12.3 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-1958) (-)

Ion 61.00 (60.70 to 61.70): VN060565.D (-1958) (-)

Ion 87.00 (86.70 to 87.70): VN060565.D (-1958) (-)



#44

Trichloroethene

Concen: 19.856 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060689.D

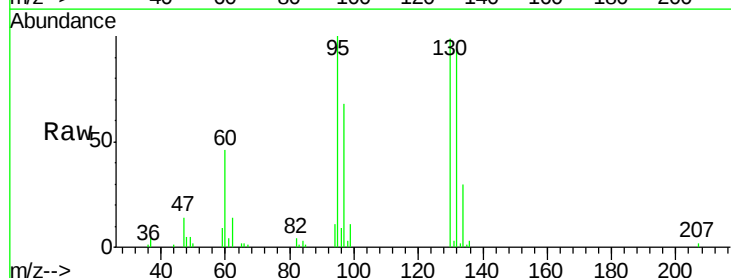
Acq: 25 Mar 2020 12:12

Tgt Ion: 130 Resp: 47013

Ion Ratio Lower Upper

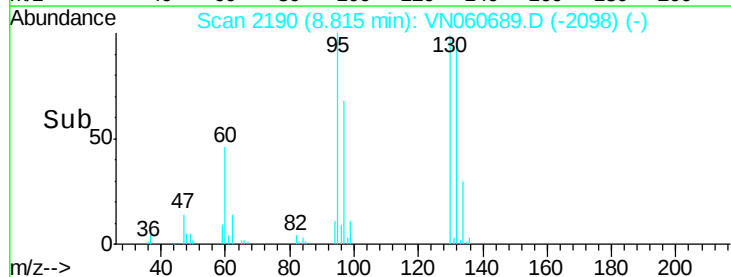
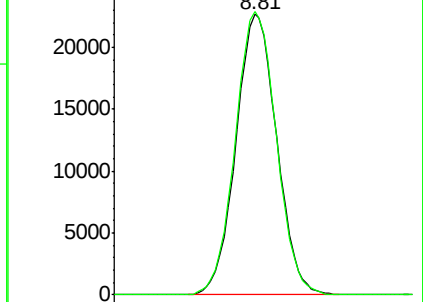
130 100

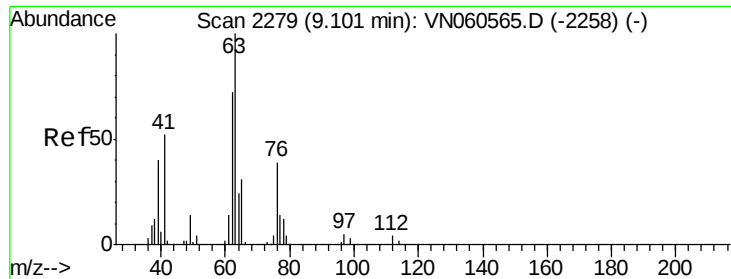
95 100.8 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): VN060565.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN060565.D (-2175) (-)





#45

1,2-Dichloropropane

Concen: 20.247 ug/l

RT: 9.10 min Scan# 2278

Delta R.T. -0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

Instrument :

MSVOA_N

ClientSampled :

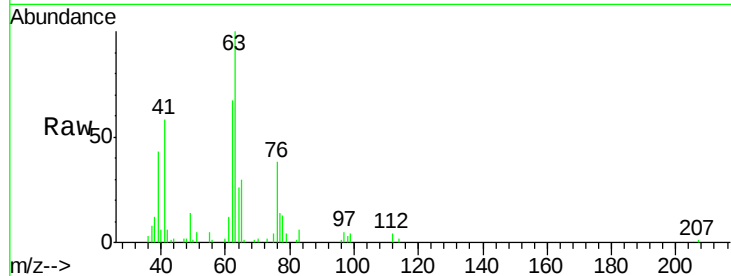
VN0325WBS01

Tgt Ion: 63 Resp: 50177

Ion Ratio Lower Upper

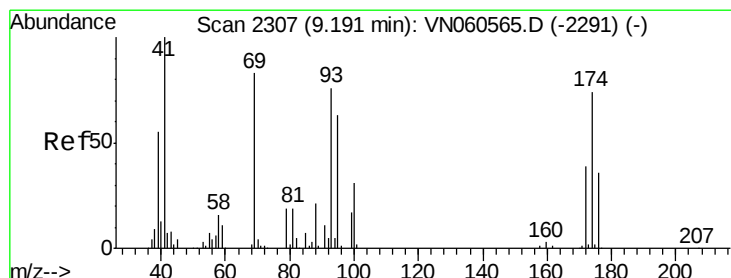
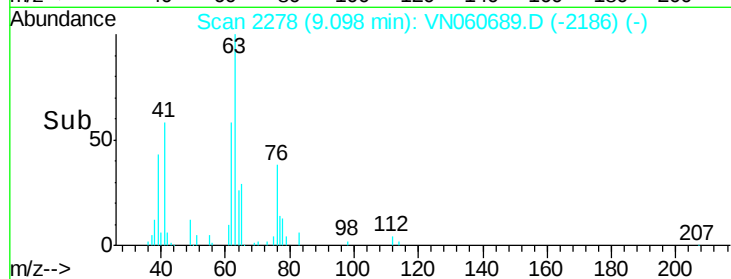
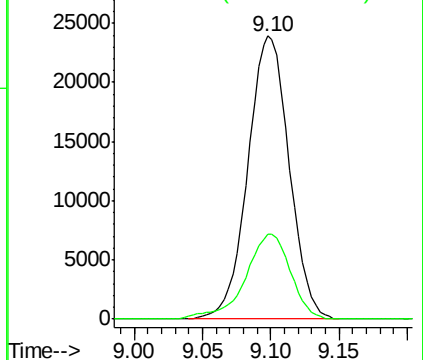
63 100

65 30.0 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.679 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

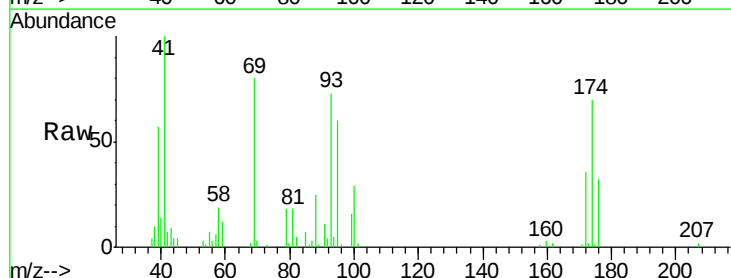
Tgt Ion: 93 Resp: 29485

Ion Ratio Lower Upper

93 100

95 82.2 66.2 99.4

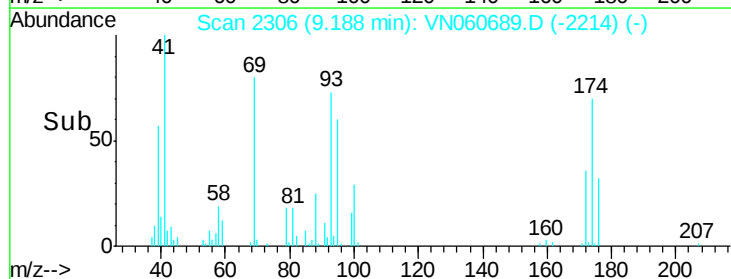
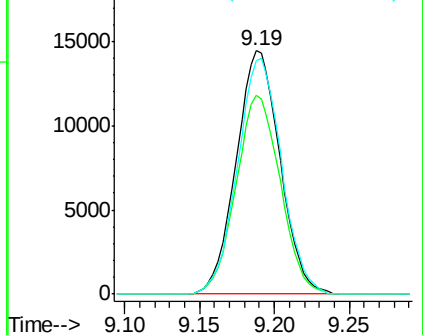
174 97.2 77.9 116.9

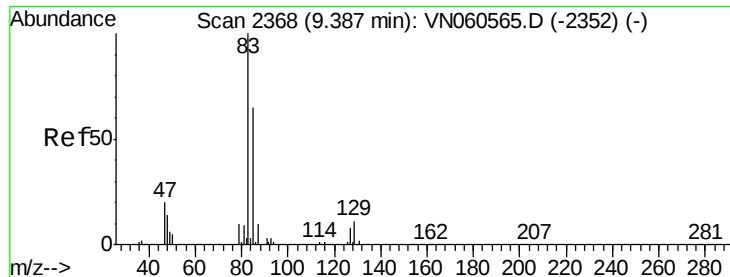


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.668 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBS01

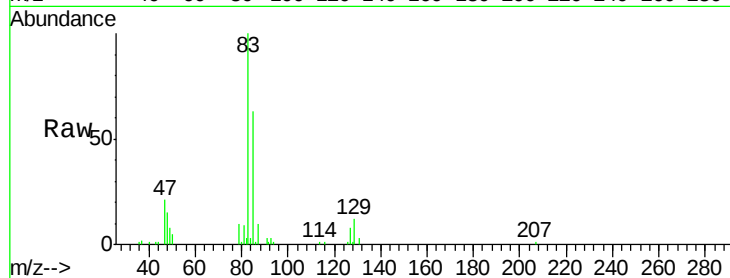
Tgt Ion: 83 Resp: 61235

Ion Ratio Lower Upper

83 100

85 63.4 51.8 77.6

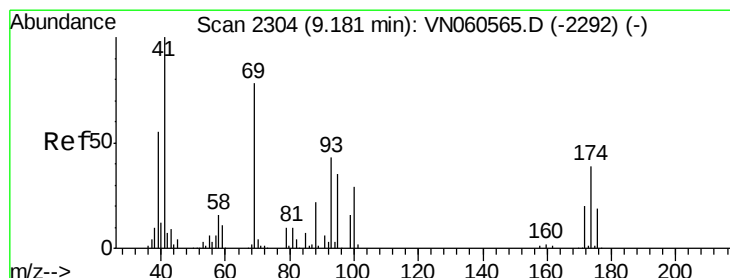
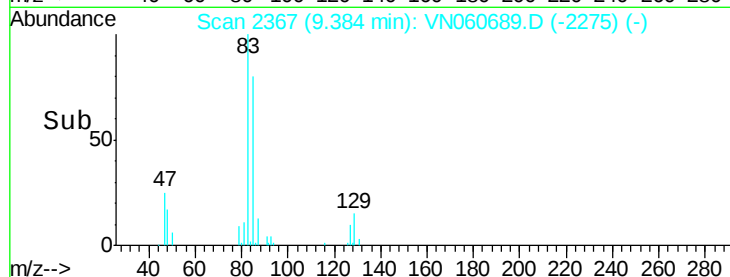
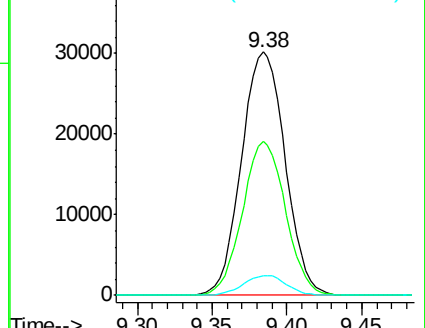
127 8.2 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060689.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060689.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060689.D (-2275) (-)



#48

Methyl methacrylate

Concen: 18.657 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

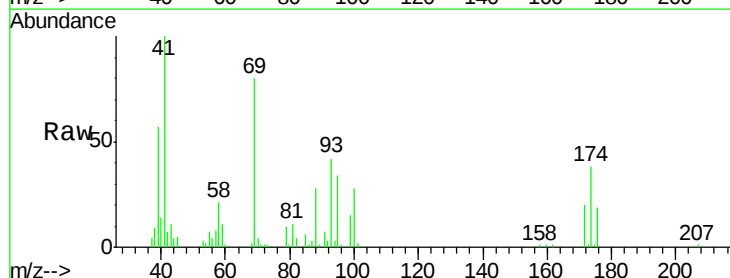
Tgt Ion: 41 Resp: 46053

Ion Ratio Lower Upper

41 100

69 80.8 65.4 98.0

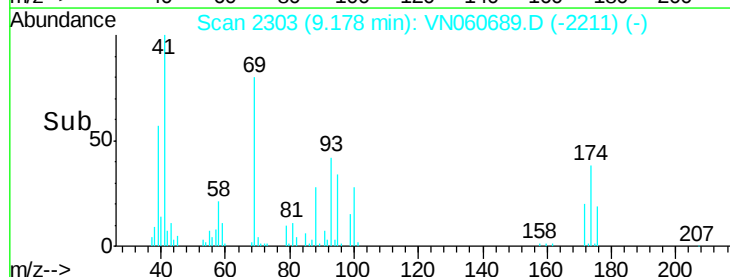
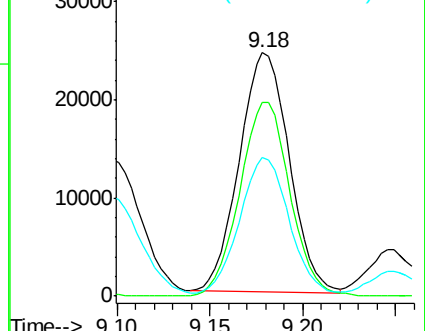
39 58.3 44.0 66.0

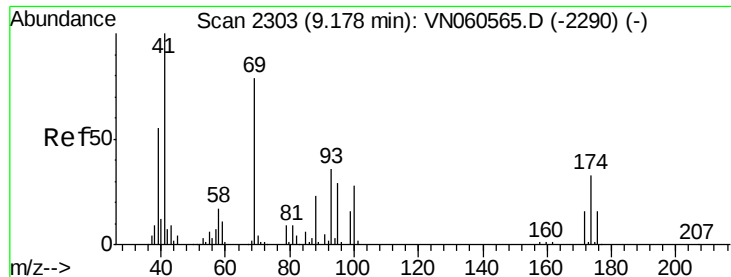


Abundance Ion 41.00 (40.70 to 41.70): VN060689.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060689.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060689.D (-2211) (-)

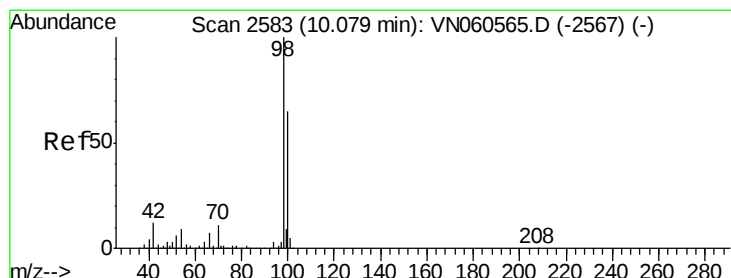
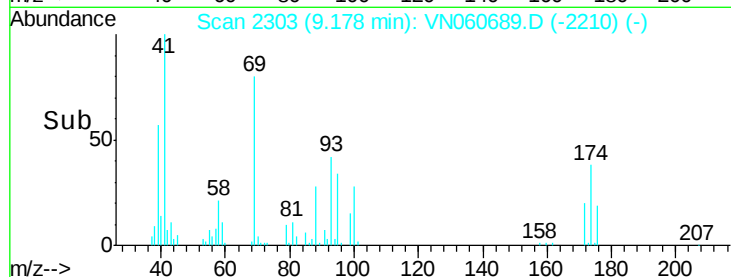
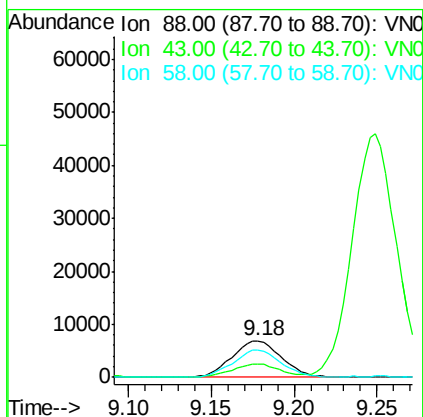
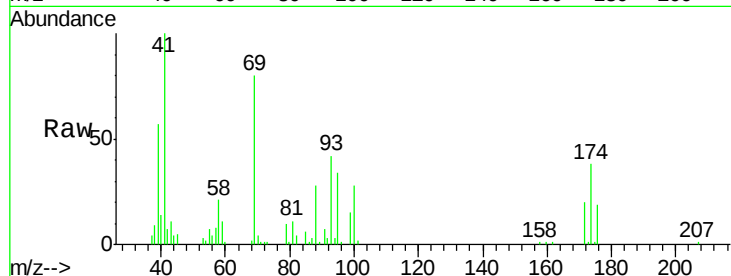




#49
1,4-Dioxane
Concen: 480.907 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

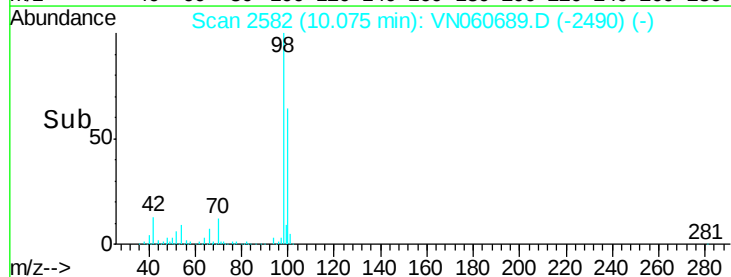
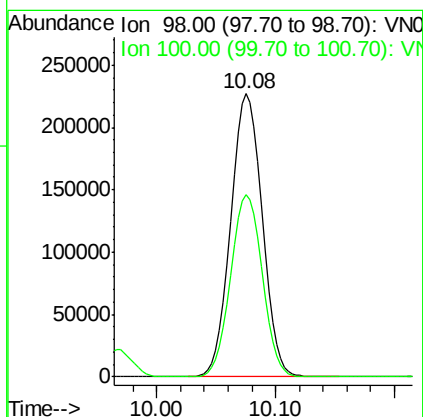
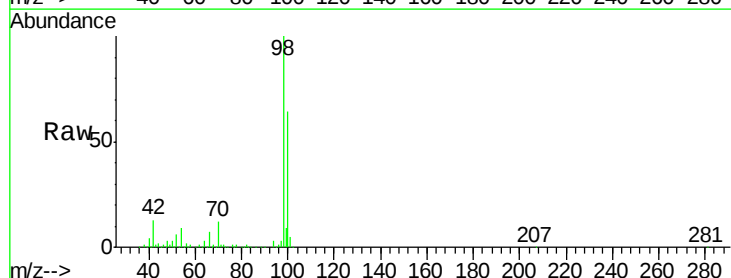
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

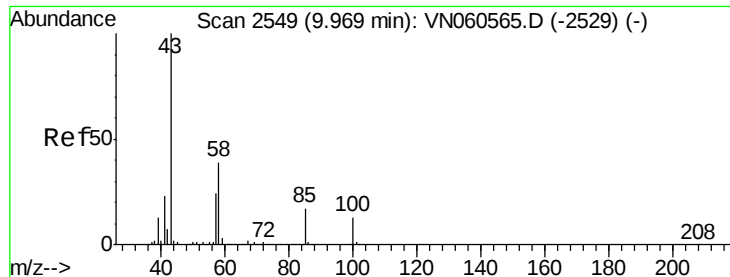
Tgt Ion: 88 Resp: 14110
Ion Ratio Lower Upper
88 100
43 36.7 30.8 46.2
58 73.6 59.8 89.8



#50
Toluene-d8
Concen: 52.537 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

Tgt Ion: 98 Resp: 416925
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.8

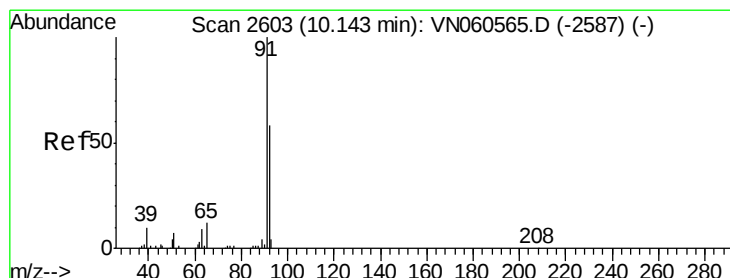
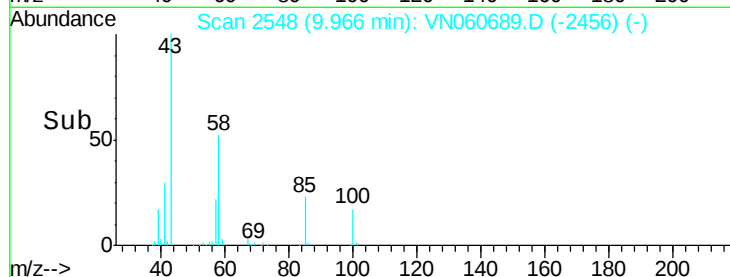
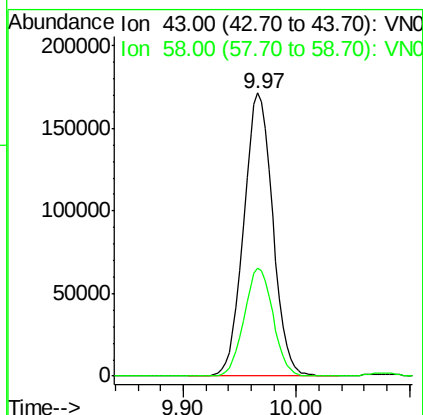
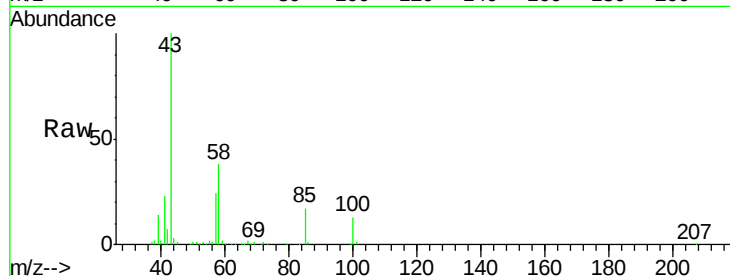




#51
 4-Methyl-2-Pentanone
 Concen: 96.973 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN060689.D
 Acq: 25 Mar 2020 12:12

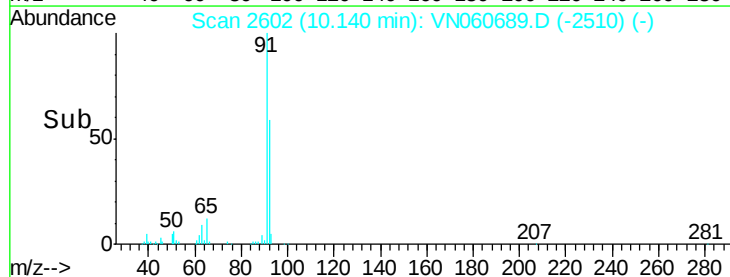
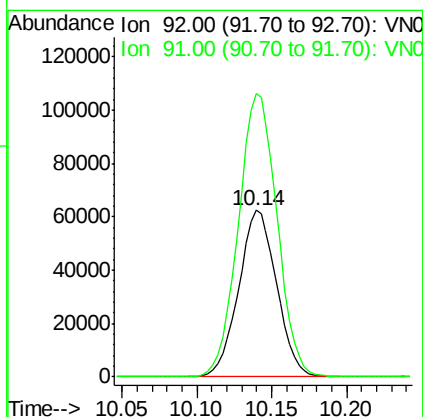
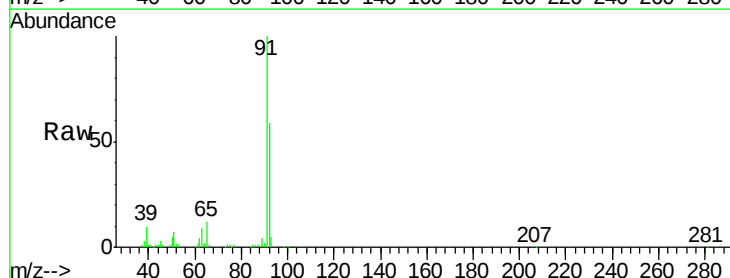
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBS01

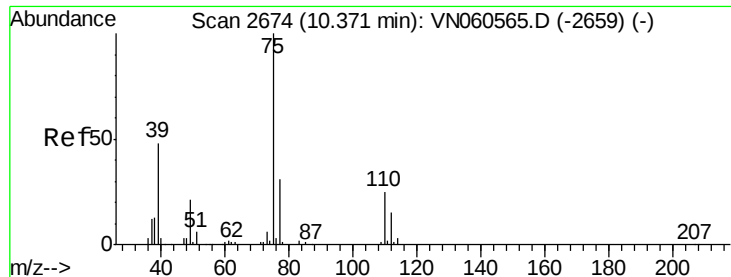
Tgt Ion: 43 Resp: 305941
 Ion Ratio Lower Upper
 43 100
 58 38.0 30.8 46.2



#52
 Toluene
 Concen: 19.404 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: VN060689.D
 Acq: 25 Mar 2020 12:12

Tgt Ion: 92 Resp: 110064
 Ion Ratio Lower Upper
 92 100
 91 173.5 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 19.749 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

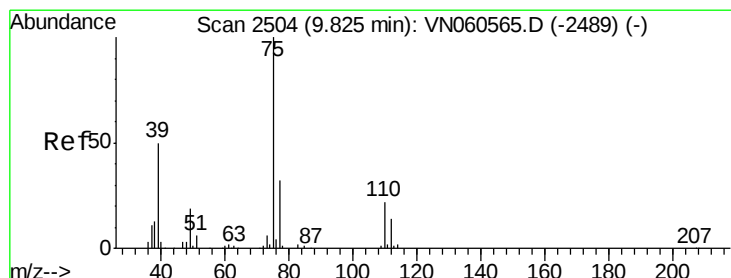
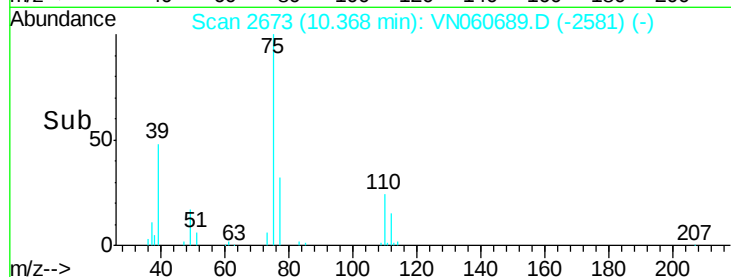
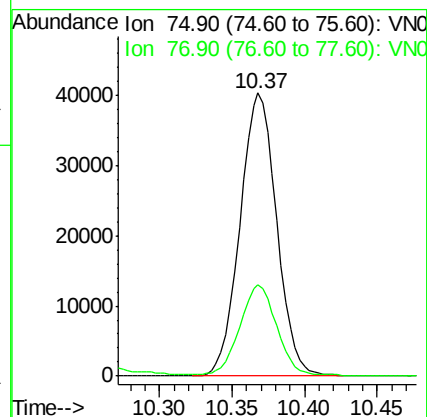
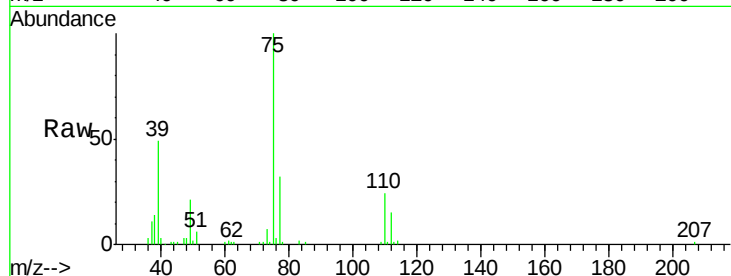
VN0325WBS01

Tgt Ion: 75 Resp: 70630

Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.903 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

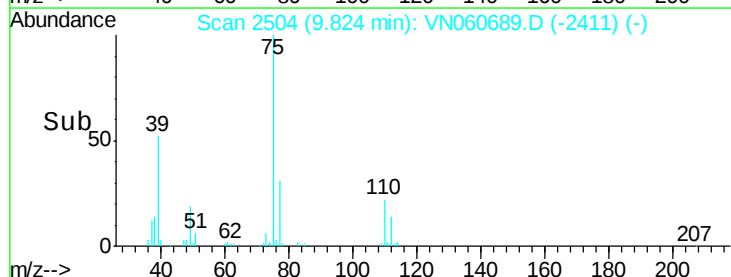
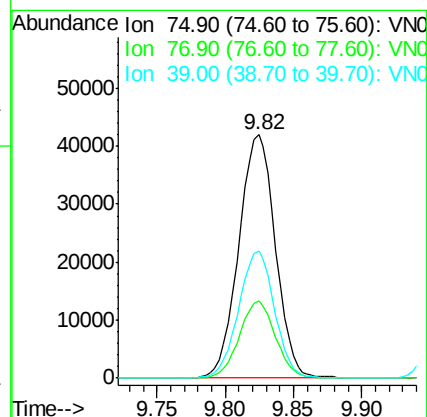
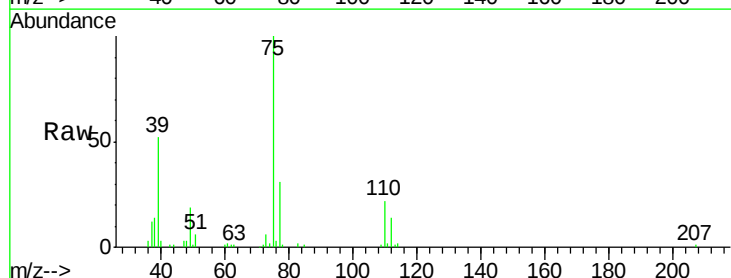
Tgt Ion: 75 Resp: 78089

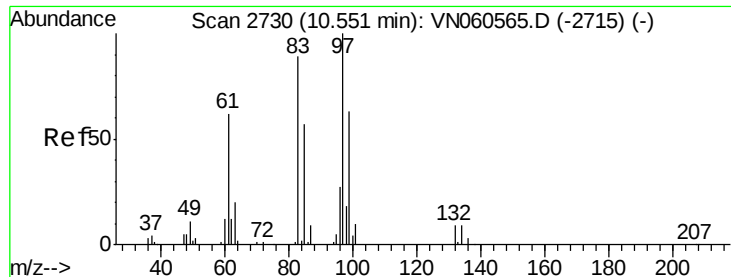
Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

39 52.2 40.2 60.4





#55

1,1,2-Trichloroethane

Concen: 19.623 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBS01

Tgt Ion: 97 Resp: 42820

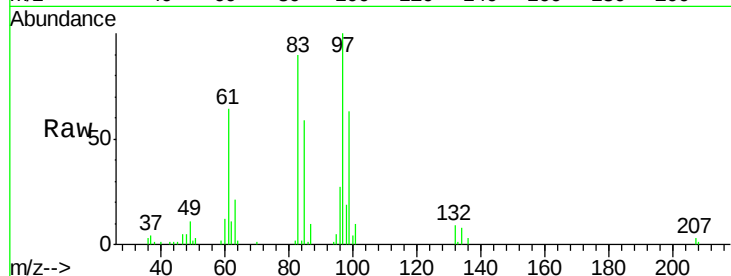
Ion Ratio Lower Upper

97 100

83 90.0 71.3 106.9

85 59.1 45.2 67.8

99 62.9 50.1 75.1

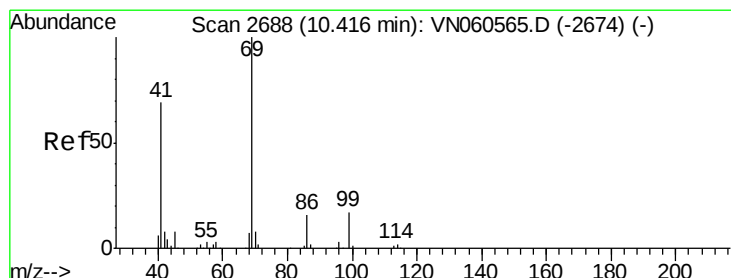
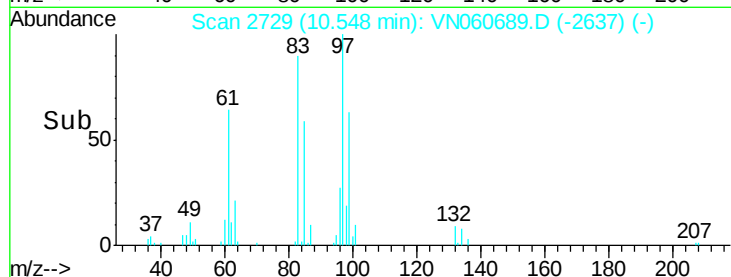
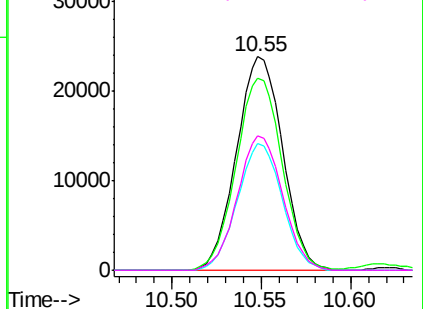


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.941 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. -0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

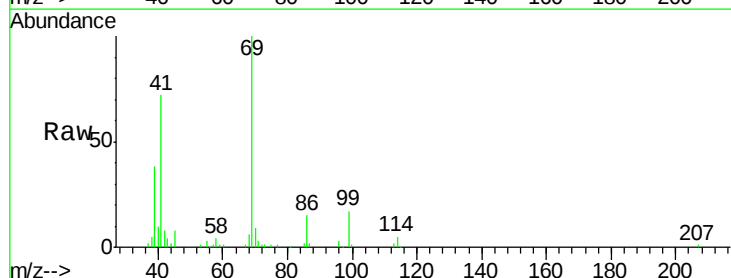
Tgt Ion: 69 Resp: 64448

Ion Ratio Lower Upper

69 100

41 71.4 55.4 83.2

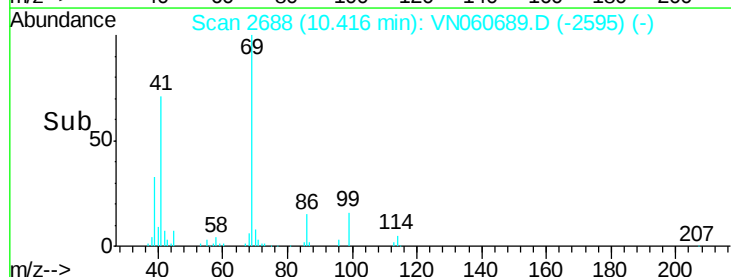
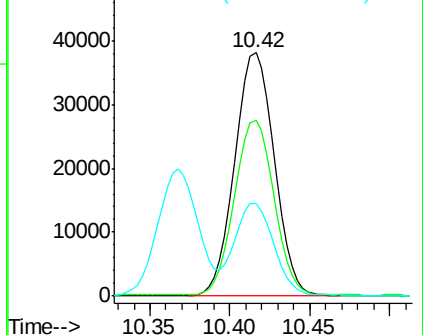
39 36.9 29.4 44.0

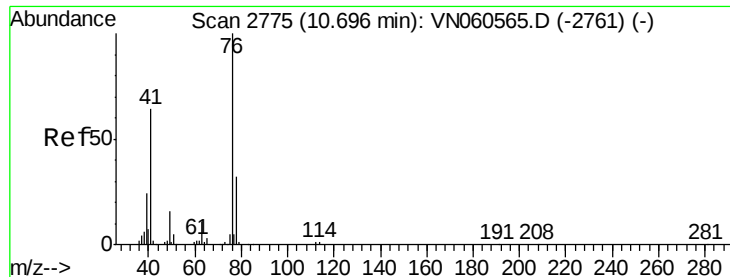


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.727 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

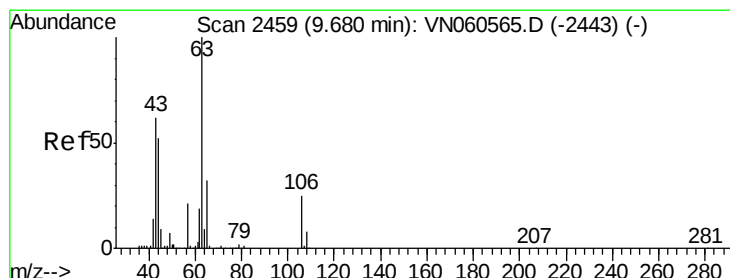
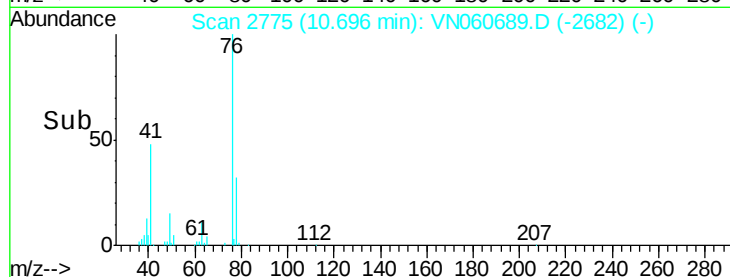
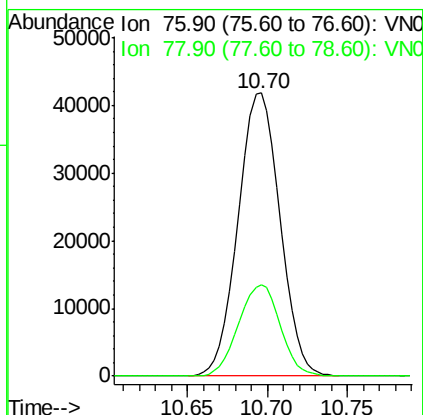
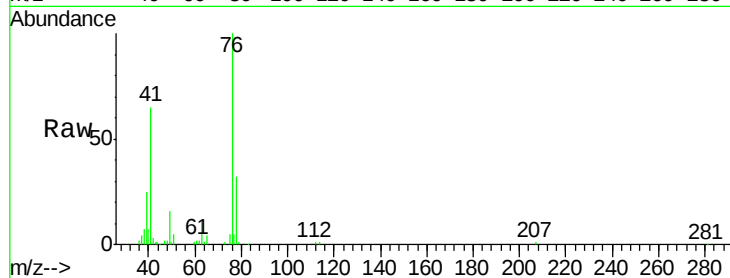
VN0325WBS01

Tgt Ion: 76 Resp: 74701

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 89.503 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060689.D

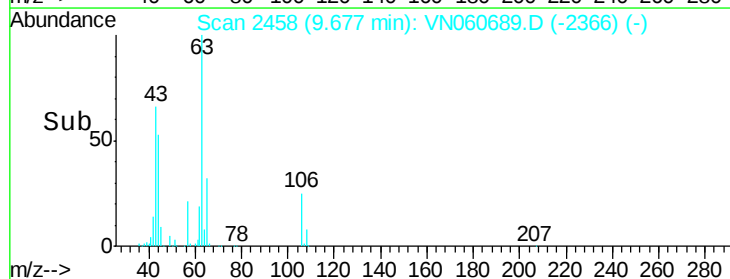
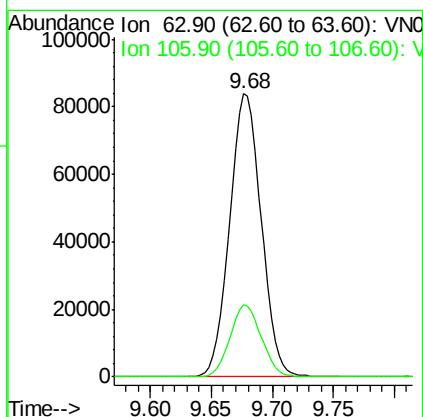
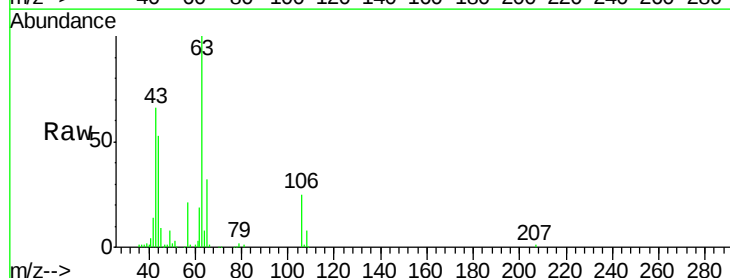
Acq: 25 Mar 2020 12:12

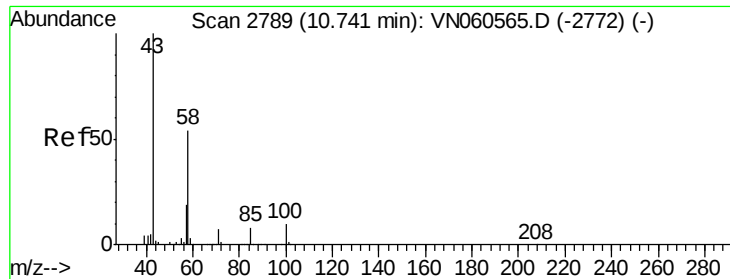
Tgt Ion: 63 Resp: 151357

Ion Ratio Lower Upper

63 100

106 25.2 20.0 30.0

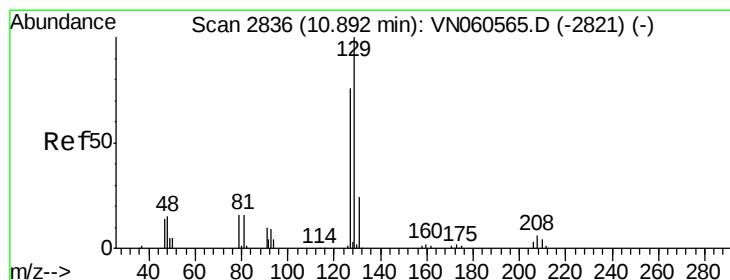
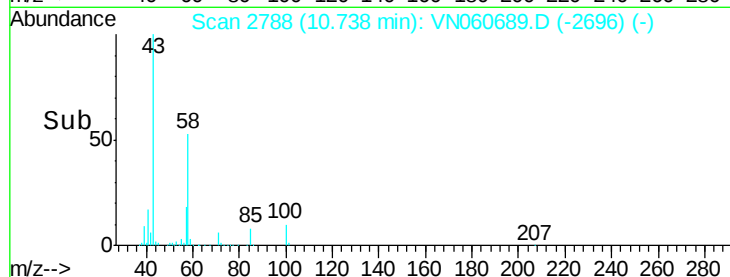
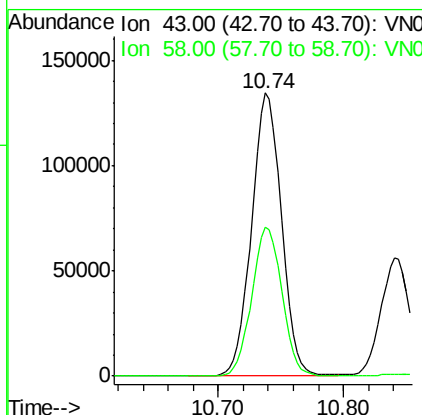
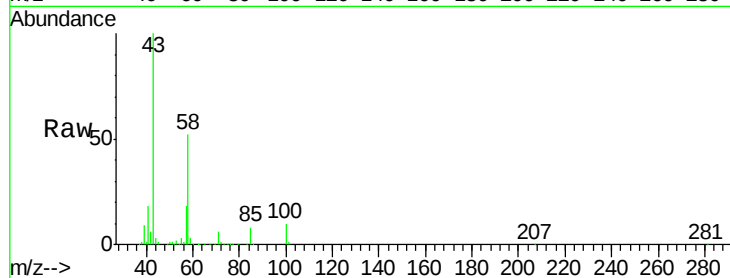




#59
2-Hexanone
Concen: 97.859 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

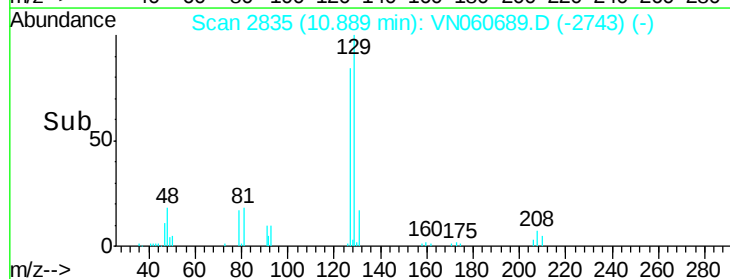
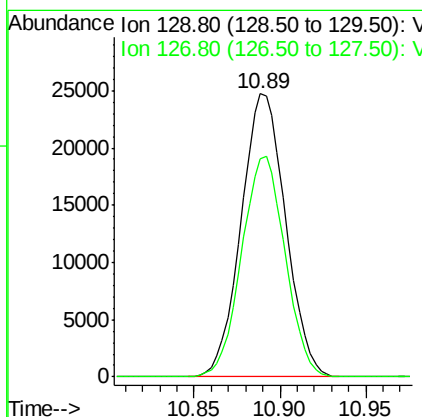
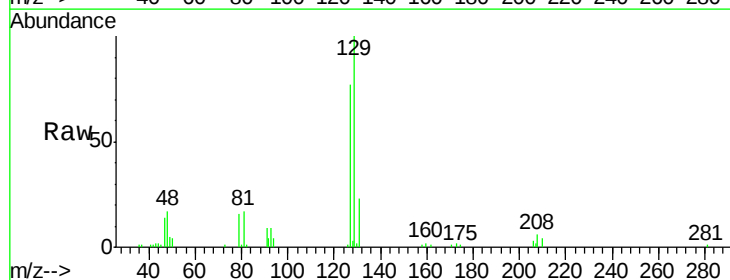
Instrument :
MSVOA_N
ClientSampled :
VN0325WBS01

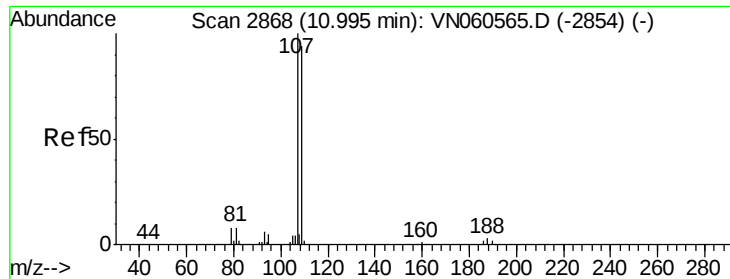
Tgt Ion: 43 Resp: 222399
Ion Ratio Lower Upper
43 100
58 53.2 26.7 80.1



#60
Dibromochloromethane
Concen: 19.731 ug/l
RT: 10.89 min Scan# 2835
Delta R.T. -0.00 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

Tgt Ion: 129 Resp: 44475
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.5

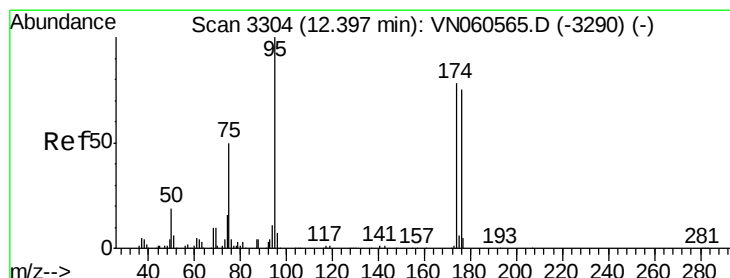
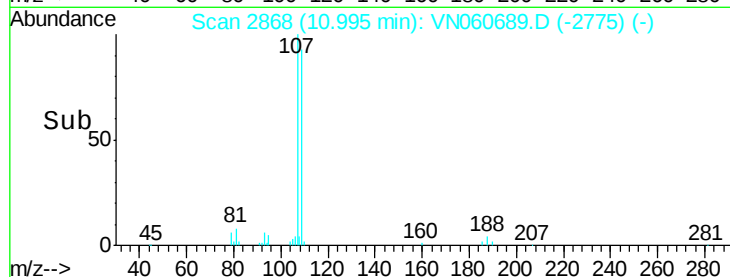
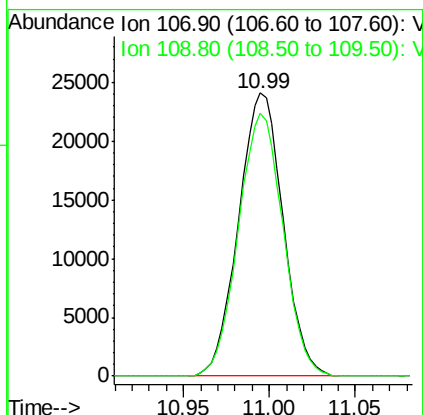
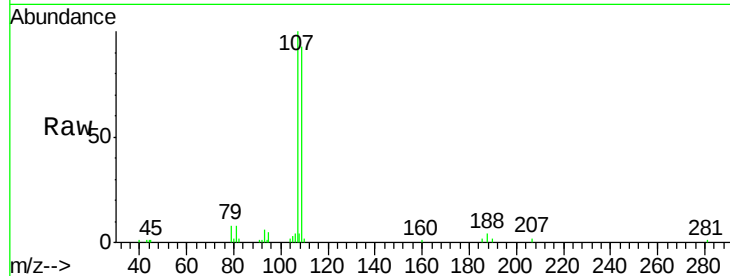




#61
 1,2-Dibromoethane
 Concen: 19.692 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060689.D
 Acq: 25 Mar 2020 12:12

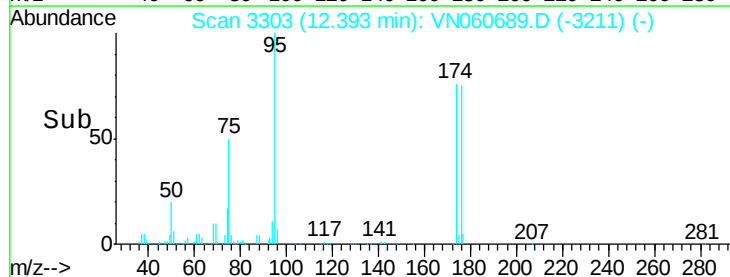
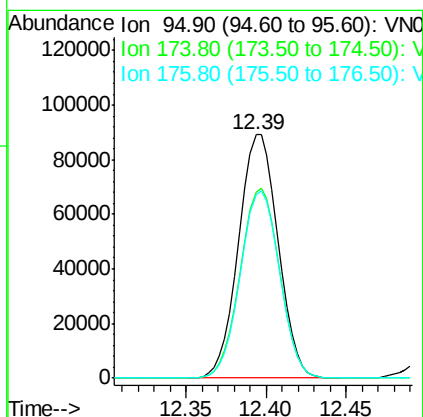
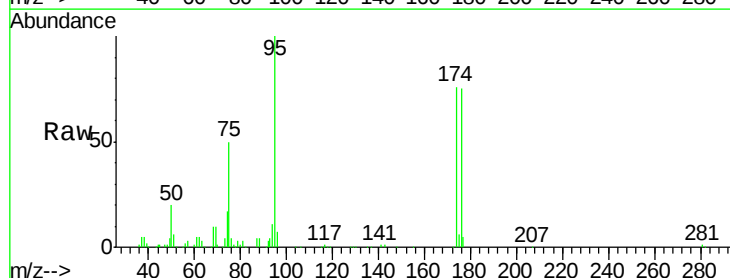
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBS01

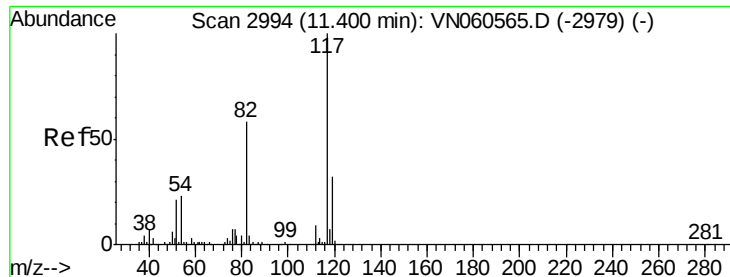
Tgt Ion: 107 Resp: 43211
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 51.659 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. -0.00 min
 Lab File: VN060689.D
 Acq: 25 Mar 2020 12:12

Tgt Ion: 95 Resp: 150242
 Ion Ratio Lower Upper
 95 100
 174 77.8 0.0 157.6
 176 76.4 0.0 150.6

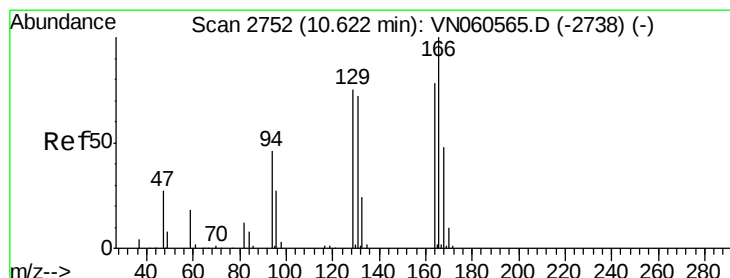
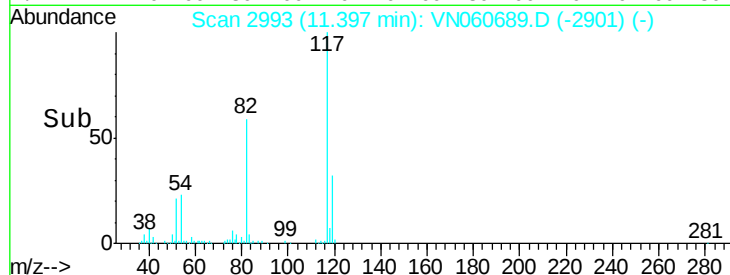
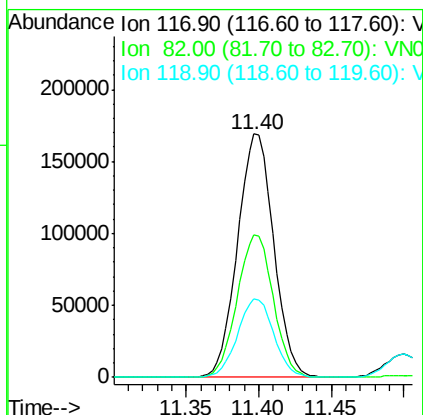
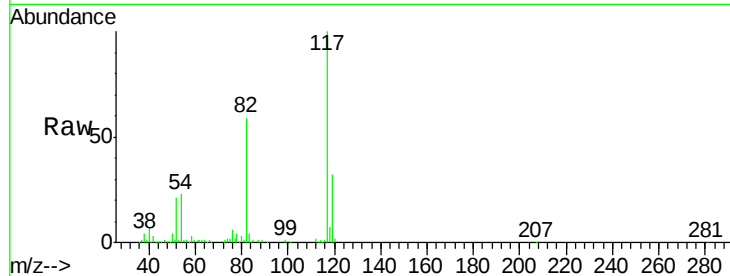




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

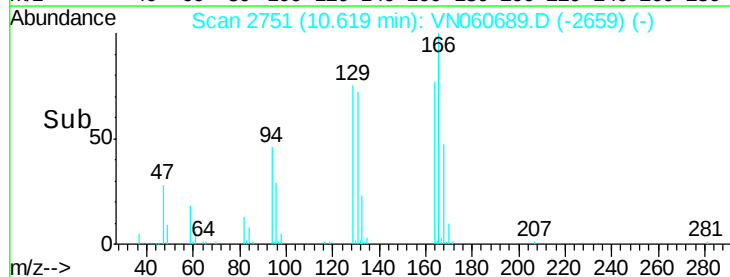
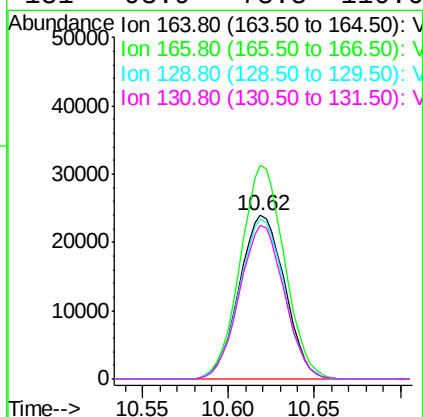
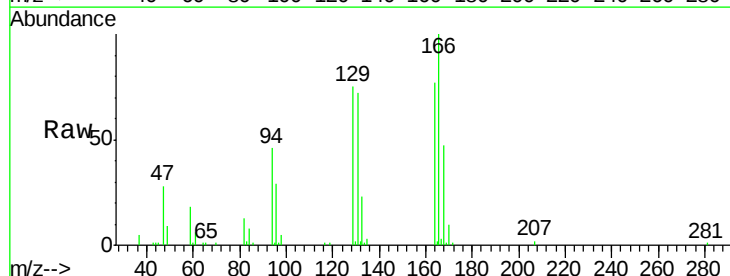
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

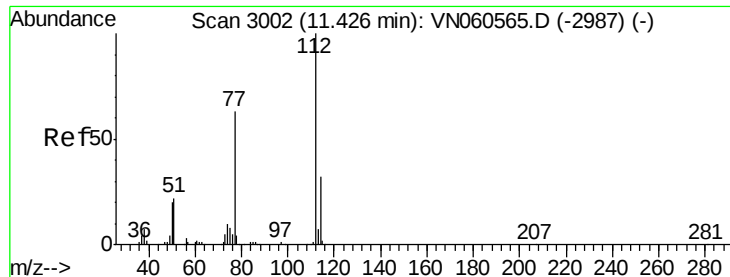
Tgt Ion:117 Resp: 293275
Ion Ratio Lower Upper
117 100
82 58.6 46.7 70.1
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 19.100 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

Tgt Ion:164 Resp: 44079
Ion Ratio Lower Upper
164 100
166 130.6 102.7 154.1
129 98.0 77.2 115.8
131 93.9 73.8 110.6

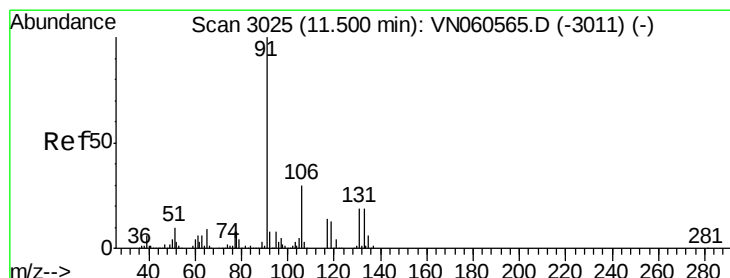
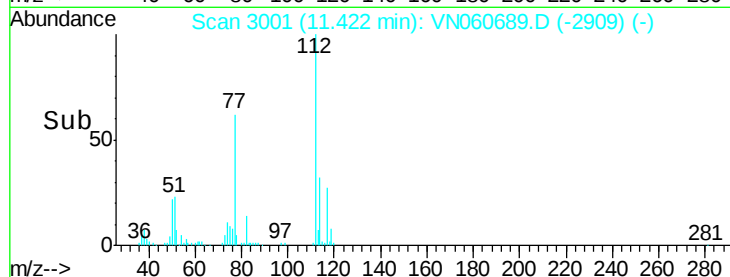
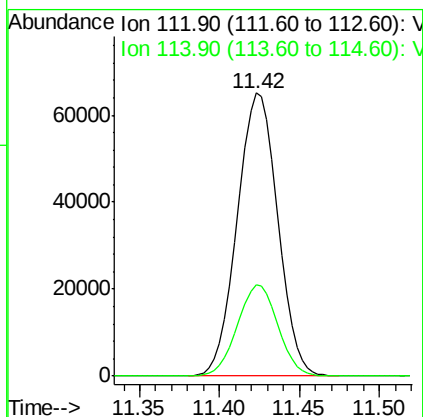
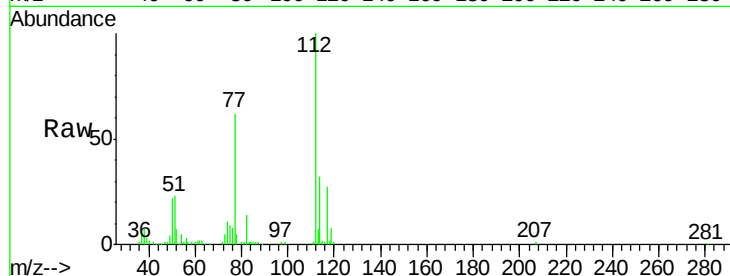




#65
Chlorobenzene
Concen: 19.353 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

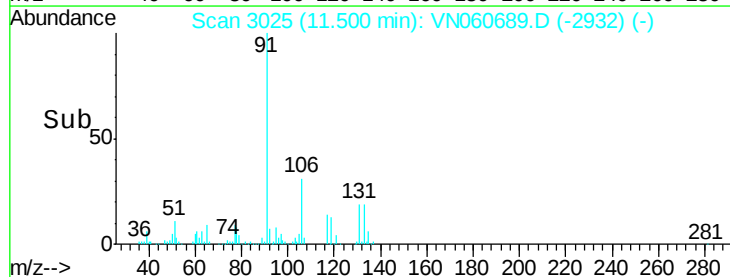
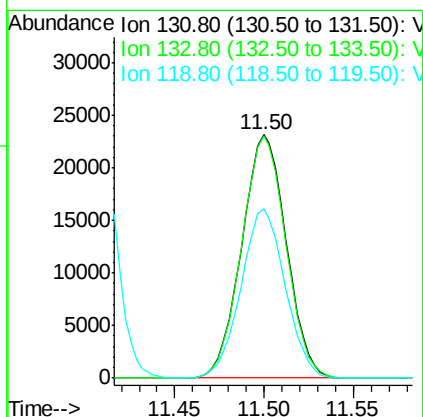
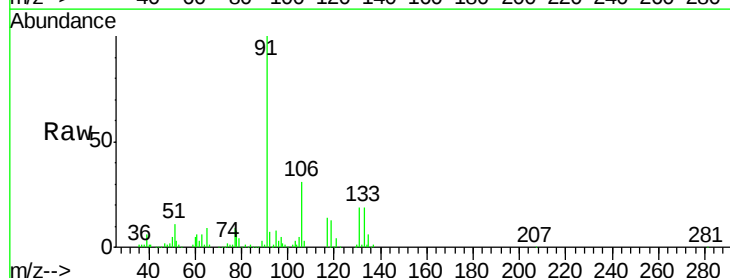
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

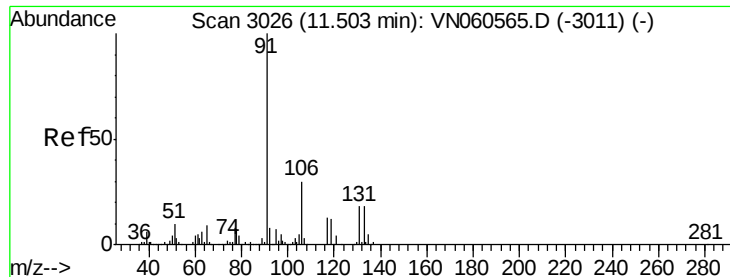
Tgt Ion:112 Resp: 112515
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.172 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

Tgt Ion:131 Resp: 40358
Ion Ratio Lower Upper
131 100
133 98.7 48.9 146.8
119 68.7 33.9 101.7





#67

Ethyl Benzene

Concen: 19.396 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

Instrument :

MSVOA_N

ClientSampled :

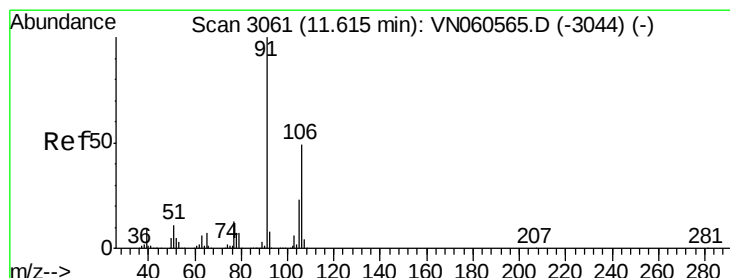
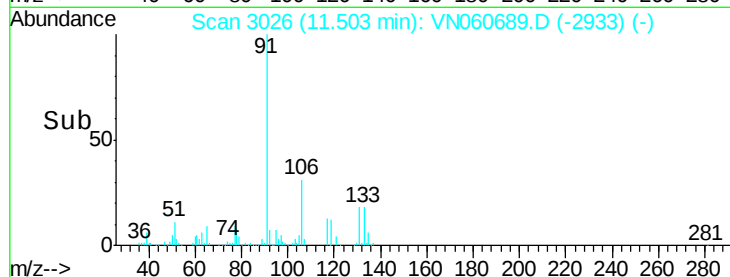
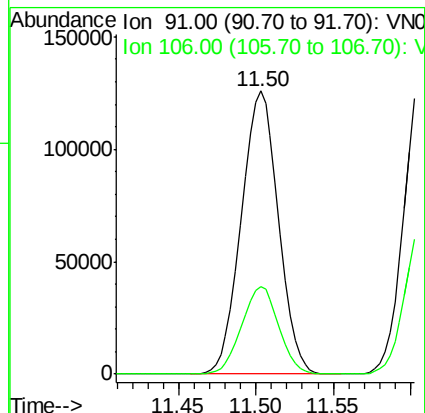
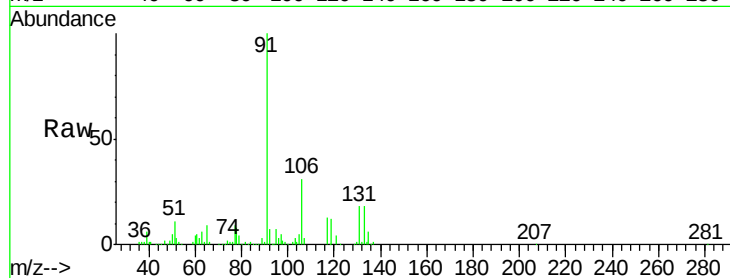
VN0325WBS01

Tgt Ion: 91 Resp: 209701

Ion Ratio Lower Upper

91 100

106 30.9 24.2 36.2



#68

m/p-Xylenes

Concen: 38.739 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060689.D

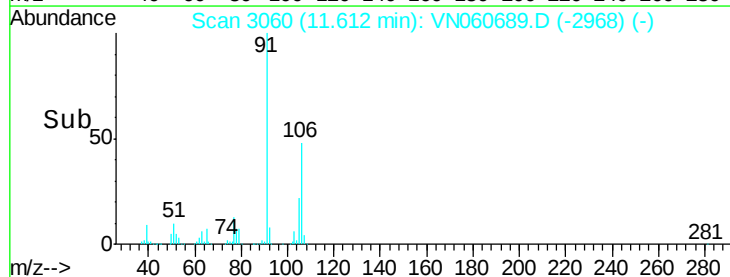
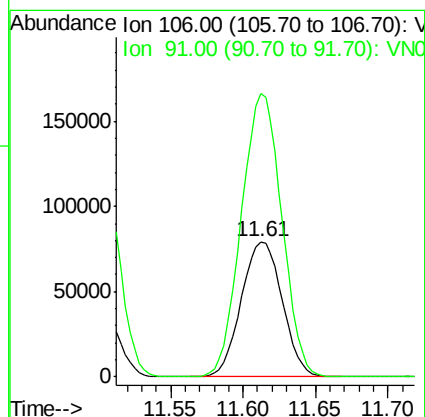
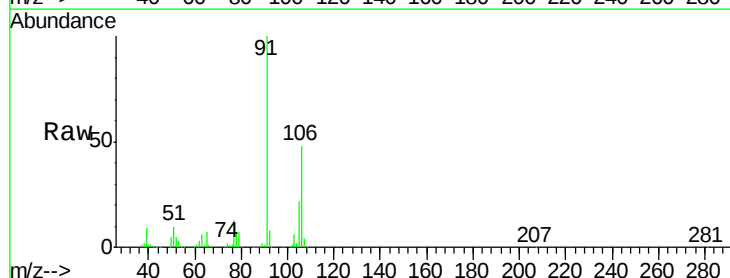
Acq: 25 Mar 2020 12:12

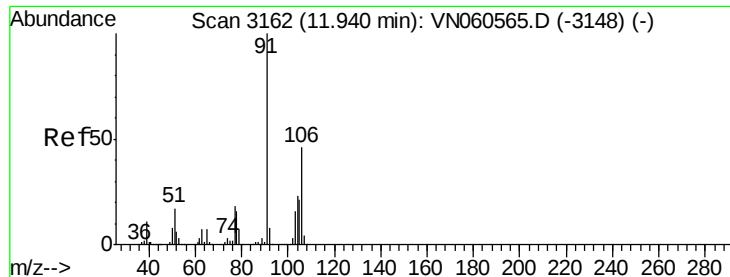
Tgt Ion: 106 Resp: 155642

Ion Ratio Lower Upper

106 100

91 207.5 165.0 247.4

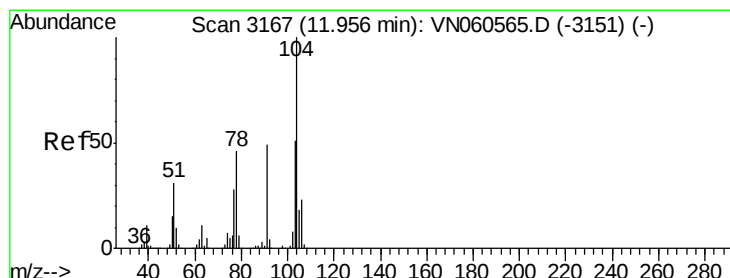
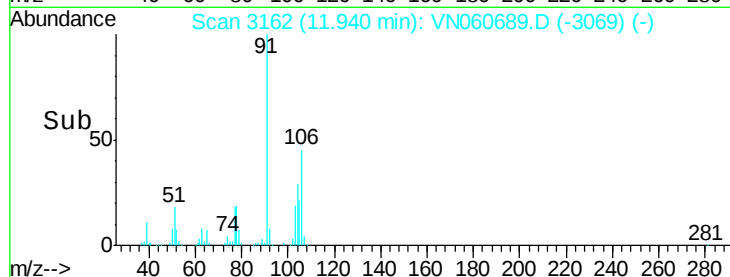
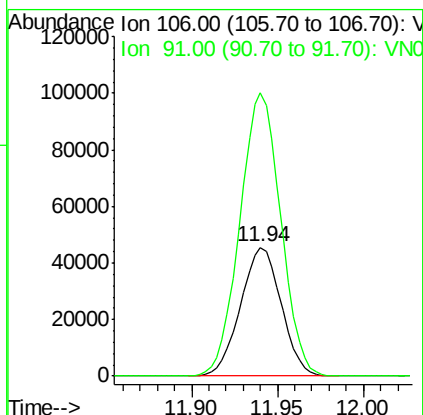
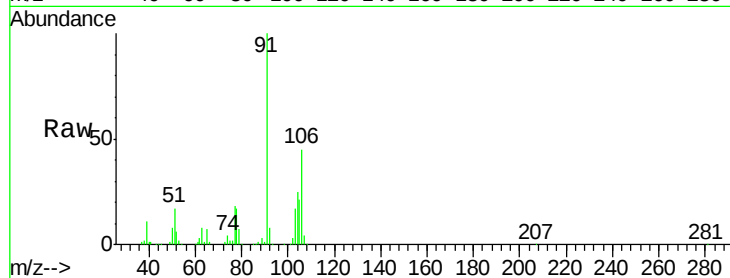




#69
o-Xylene
Concen: 19.468 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

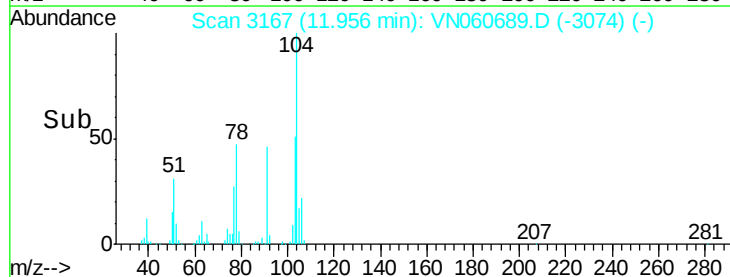
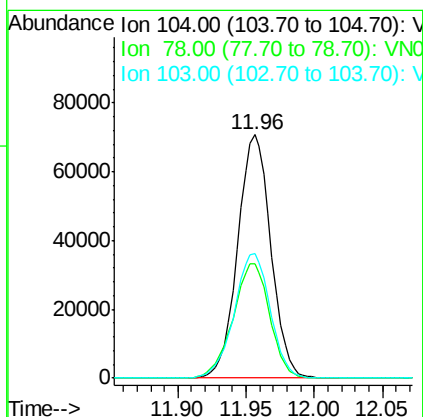
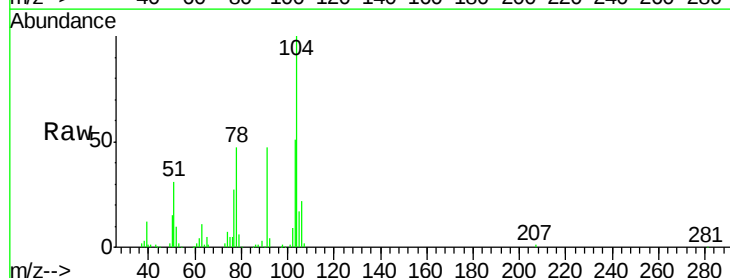
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

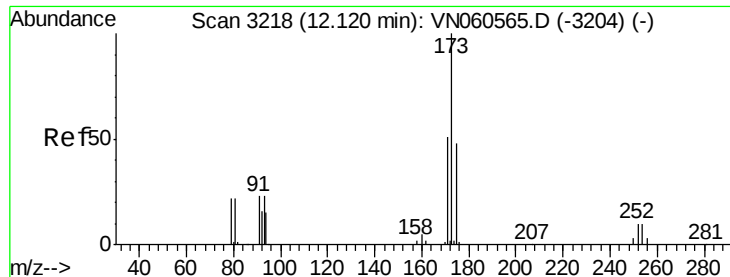
Tgt Ion:106 Resp: 74667
Ion Ratio Lower Upper
106 100
91 220.6 109.5 328.4



#70
Styrene
Concen: 19.032 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

Tgt Ion:104 Resp: 119382
Ion Ratio Lower Upper
104 100
78 51.9 41.2 61.8
103 55.6 44.0 66.0





#71

Bromoform

Concen: 18.604 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBS01

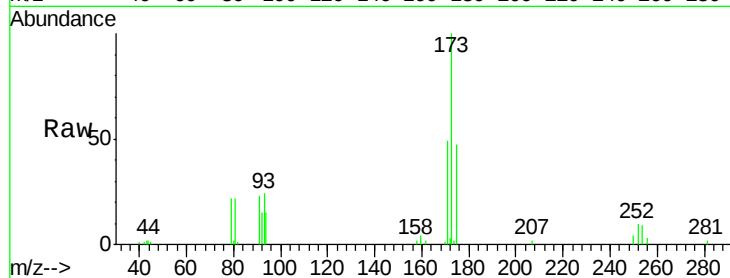
Tgt Ion:173 Resp: 30639

Ion Ratio Lower Upper

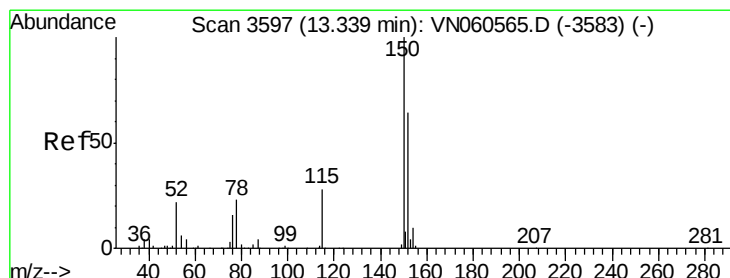
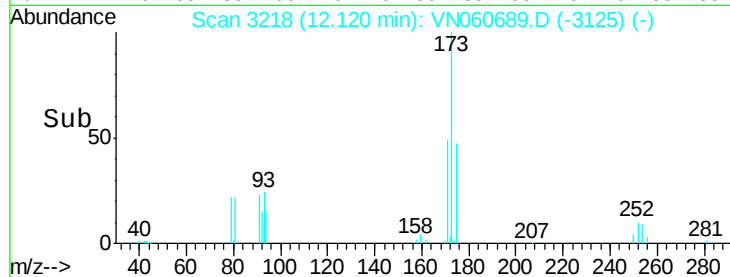
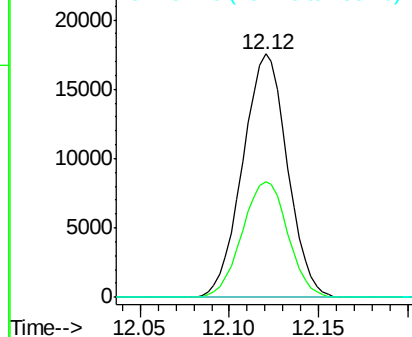
173 100

175 48.3 24.1 72.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

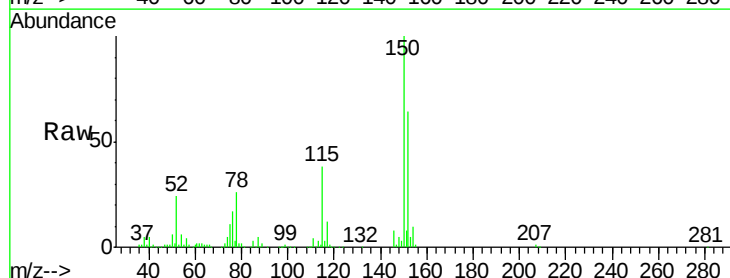
Tgt Ion:152 Resp: 139102

Ion Ratio Lower Upper

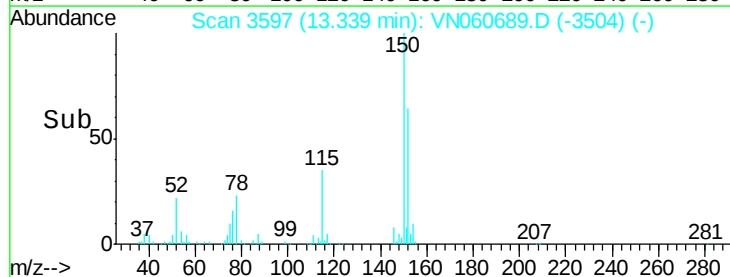
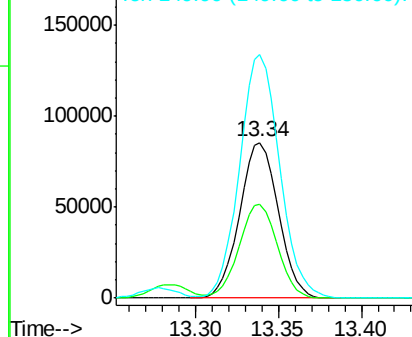
152 100

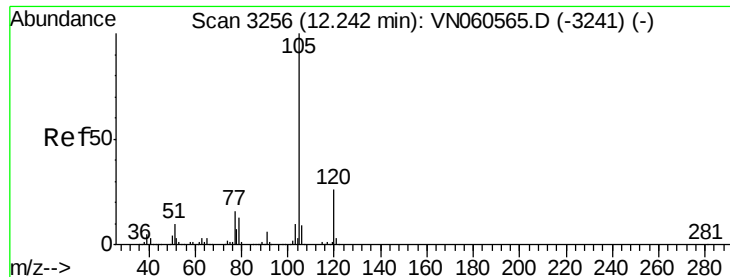
115 59.9 30.2 90.6

150 162.5 0.0 350.2



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





#73

Isopropylbenzene

Concen: 19.075 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

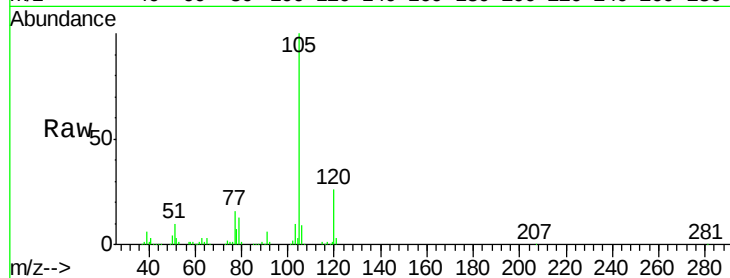
VN0325WBS01

Tgt Ion: 105 Resp: 199128

Ion Ratio Lower Upper

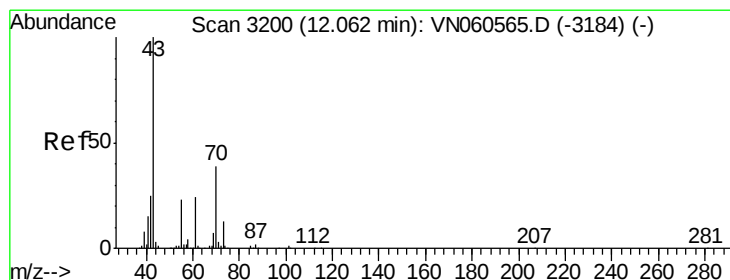
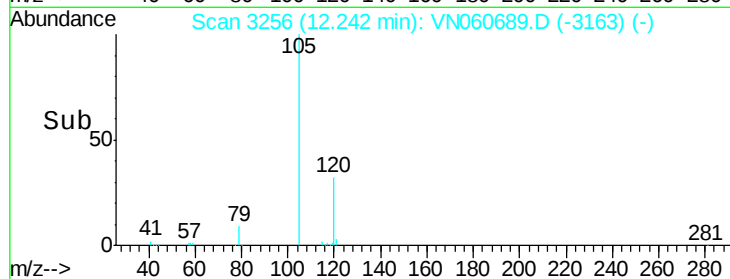
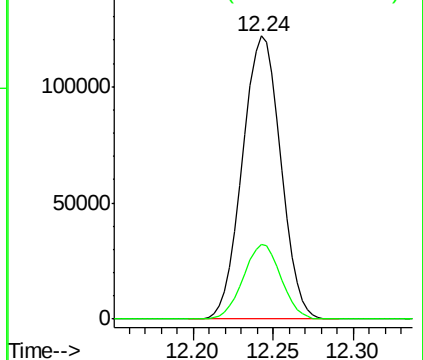
105 100

120 25.9 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.542 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

Tgt Ion: 43 Resp: 89440

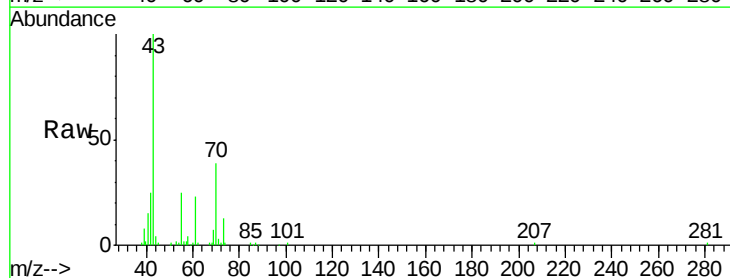
Ion Ratio Lower Upper

43 100

70 39.1 31.1 46.7

55 24.7 18.6 27.8

61 23.1 18.9 28.3

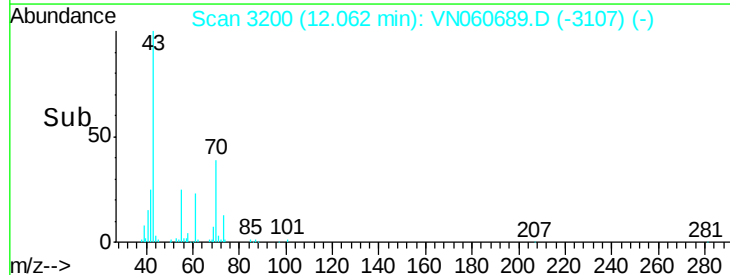
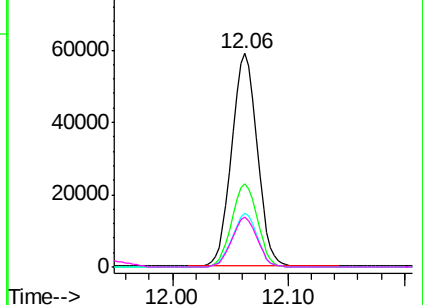


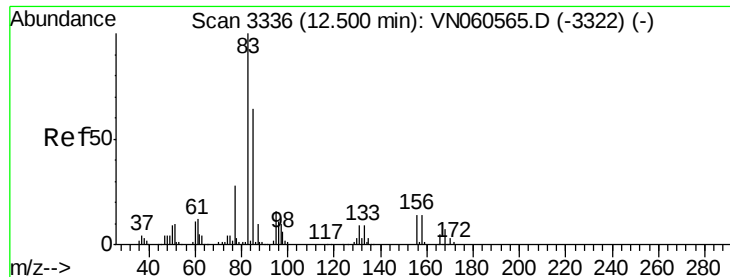
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.282 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBS01

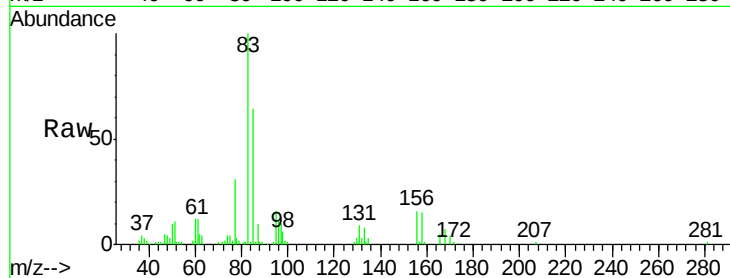
Tgt Ion: 83 Resp: 60871

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

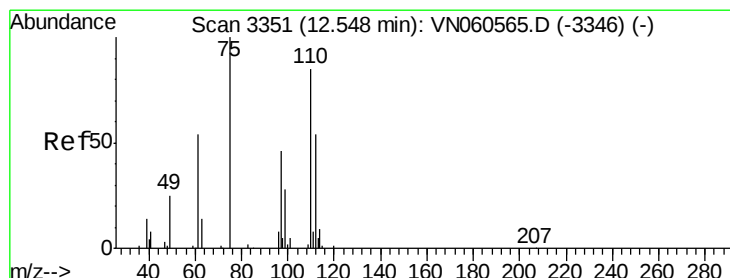
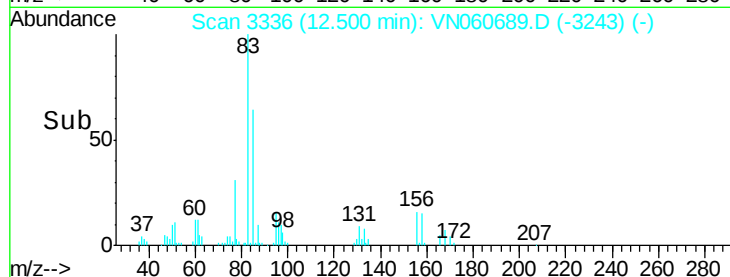
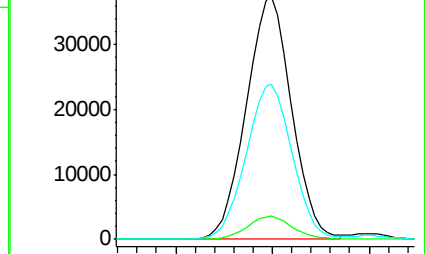
85 65.0 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060689.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN060689.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN060689.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 27.251 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060689.D

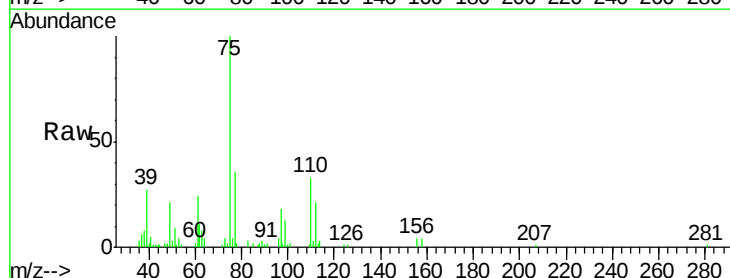
Acq: 25 Mar 2020 12:12

Tgt Ion: 75 Resp: 81795

Ion Ratio Lower Upper

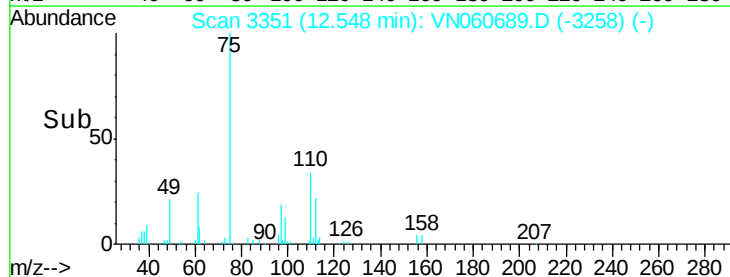
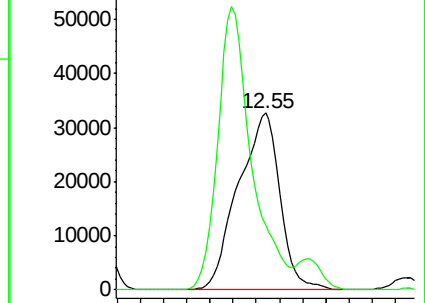
75 100

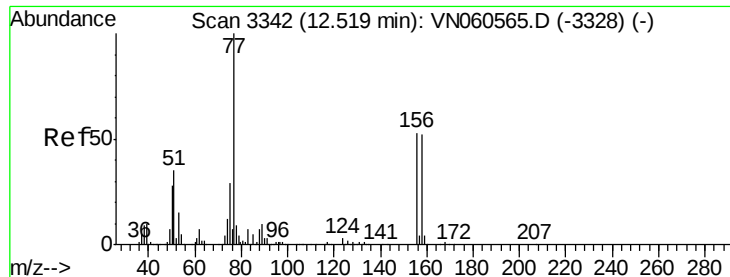
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060689.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN060689.D (-3346) (-)





#77

Bromobenzene

Concen: 19.043 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBS01

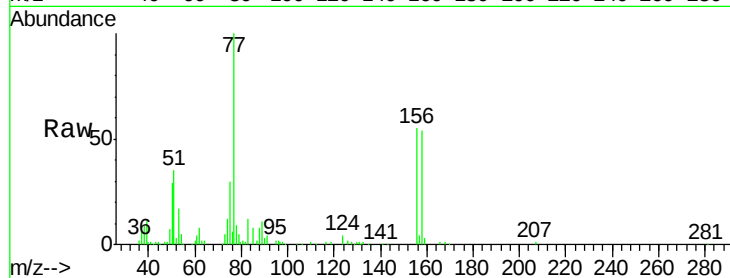
Tgt Ion:156 Resp: 47901

Ion Ratio Lower Upper

156 100

77 221.6 112.3 337.0

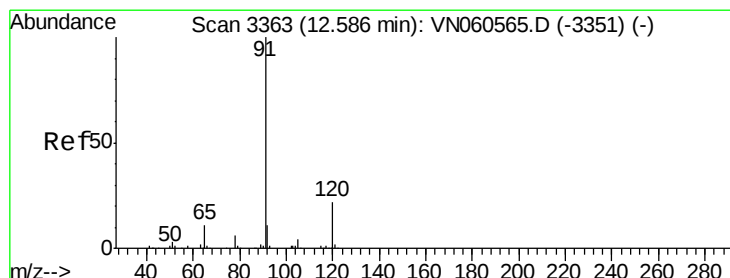
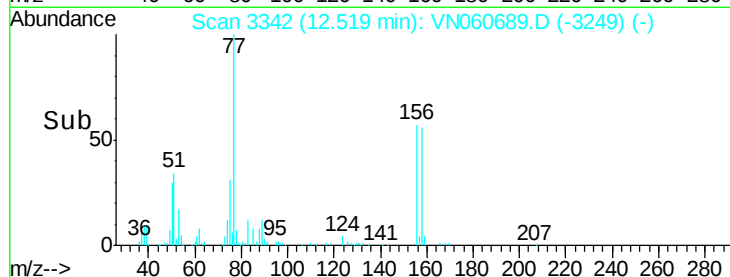
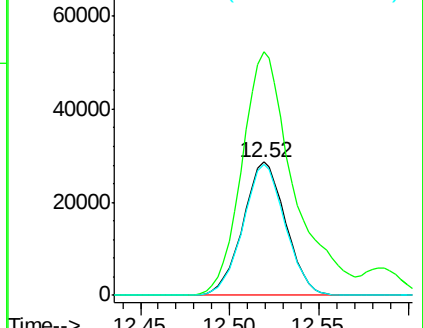
158 97.3 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.063 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060689.D

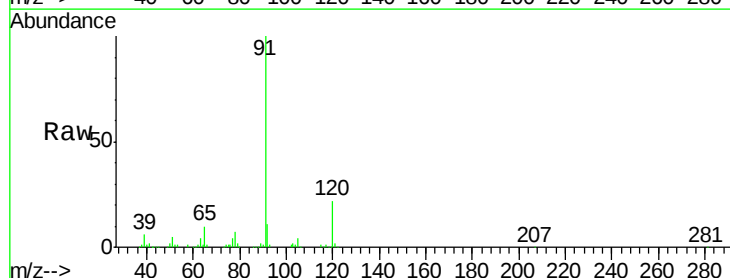
Acq: 25 Mar 2020 12:12

Tgt Ion: 91 Resp: 235107

Ion Ratio Lower Upper

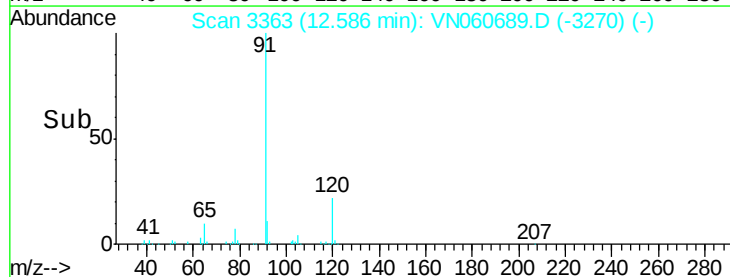
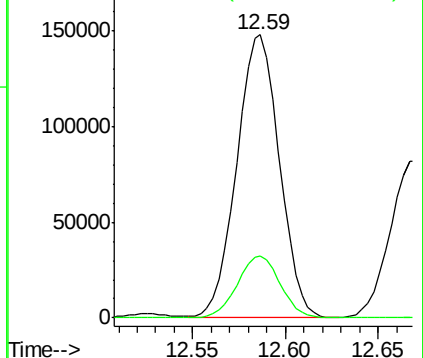
91 100

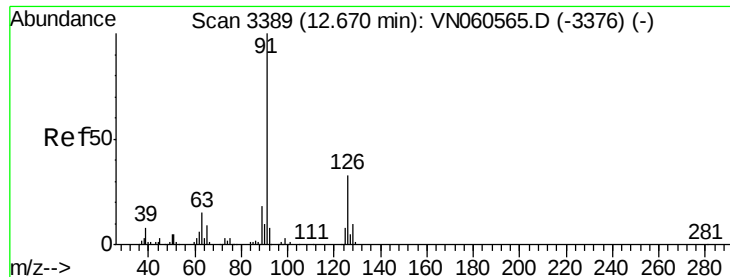
120 21.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

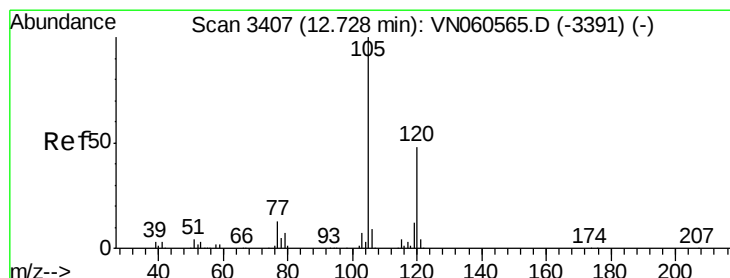
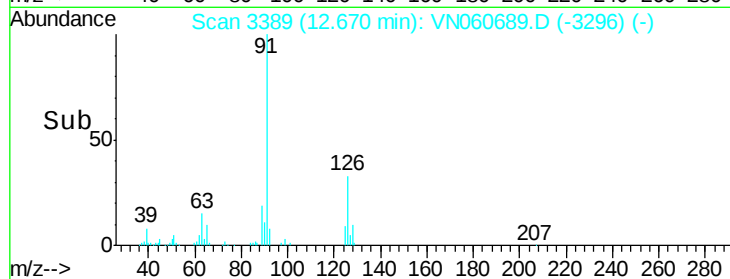
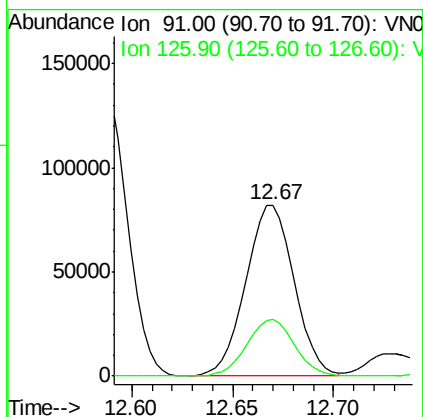
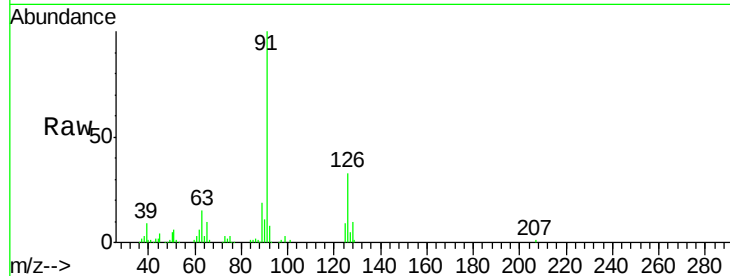




#79
 2-Chlorotoluene
 Concen: 18.660 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VN060689.D
 Acq: 25 Mar 2020 12:12

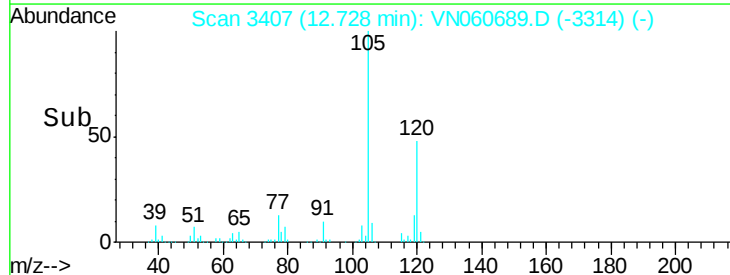
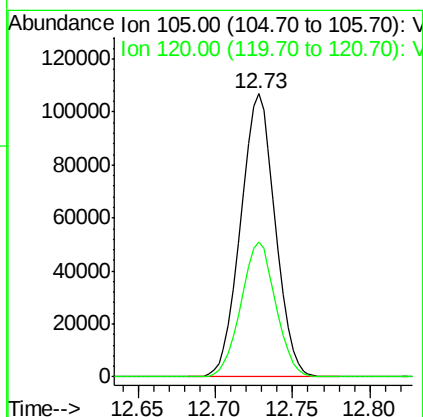
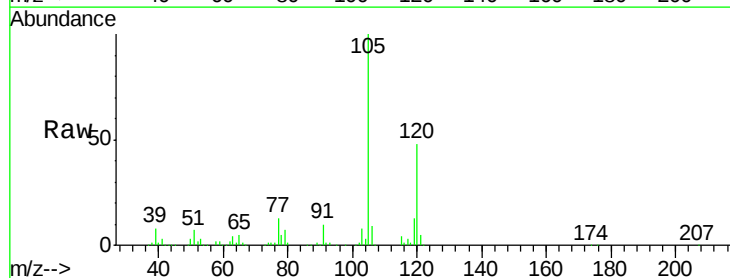
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBS01

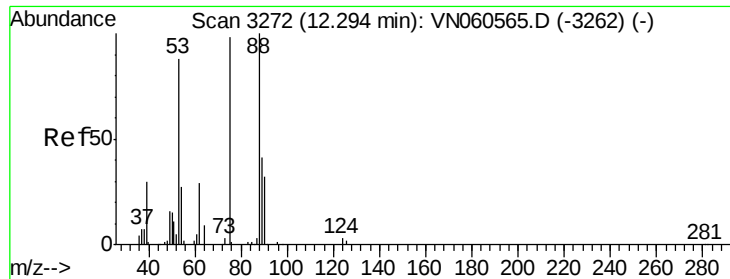
Tgt Ion: 91 Resp: 137507
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 18.738 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN060689.D
 Acq: 25 Mar 2020 12:12

Tgt Ion: 105 Resp: 165995
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 18.662 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060689.D

Acq: 25 Mar 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBS01

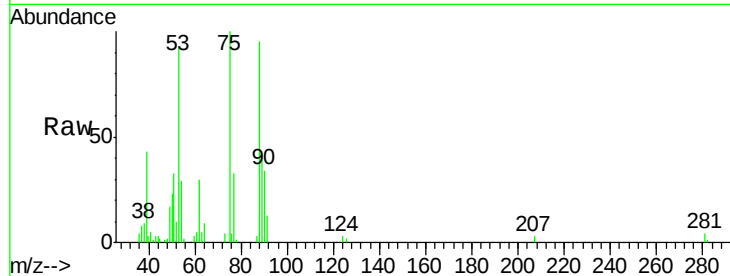
Tgt Ion: 75 Resp: 21810

Ion Ratio Lower Upper

75 100

53 94.3 73.0 109.4

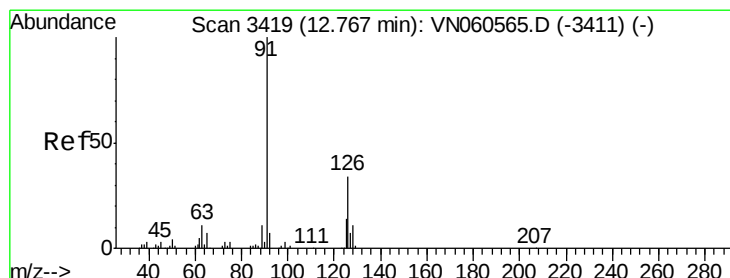
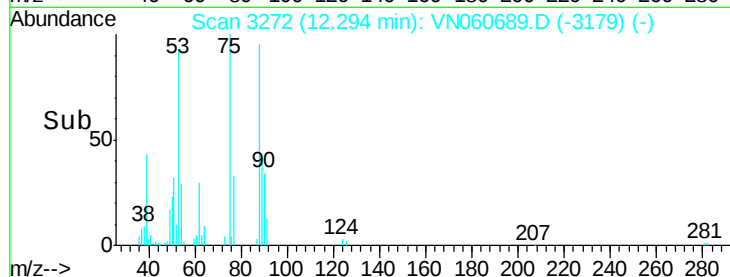
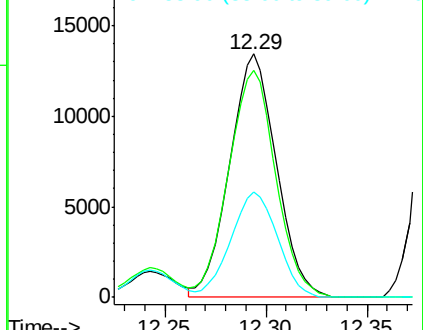
89 43.3 34.8 52.2



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: 19.243 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN060689.D

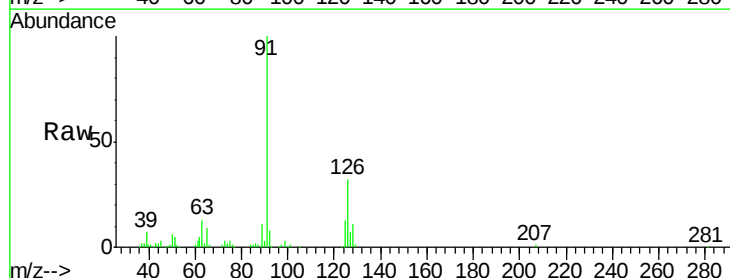
Acq: 25 Mar 2020 12:12

Tgt Ion: 91 Resp: 144424

Ion Ratio Lower Upper

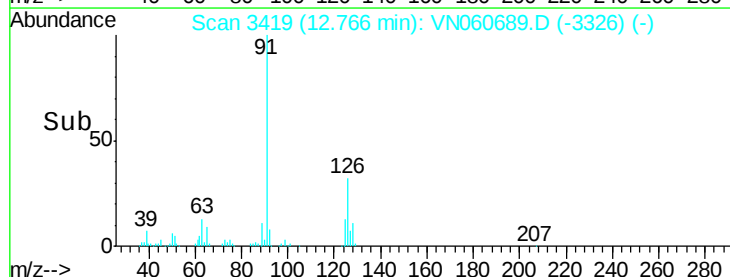
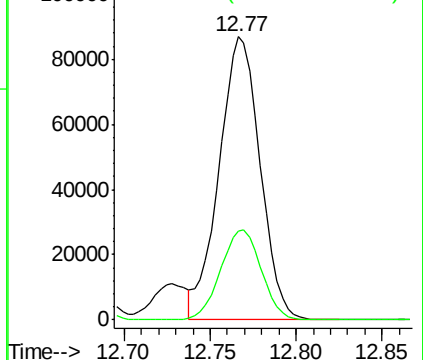
91 100

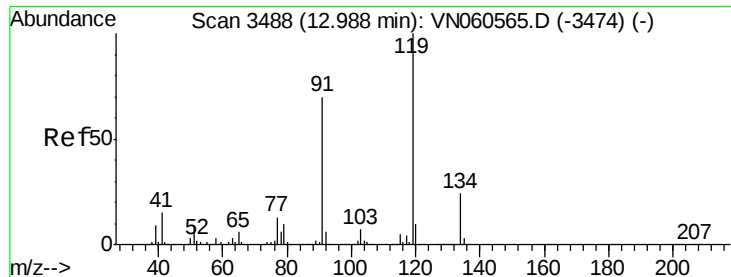
126 31.7 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

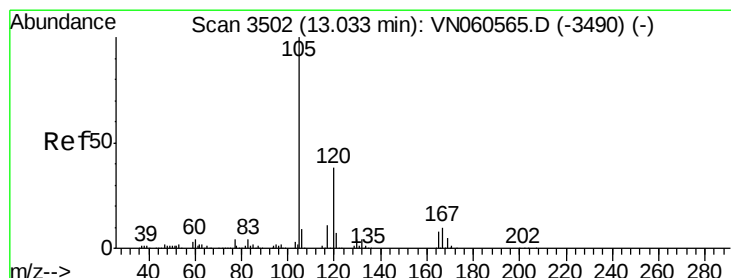
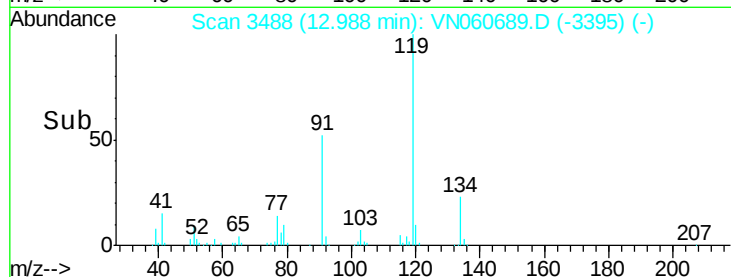
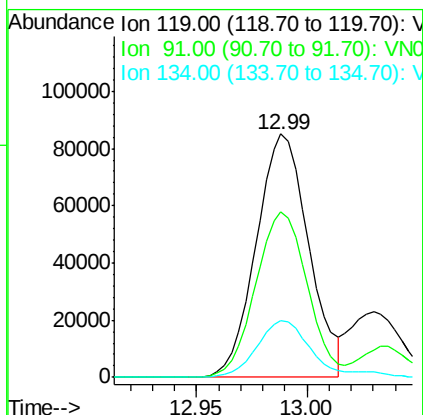
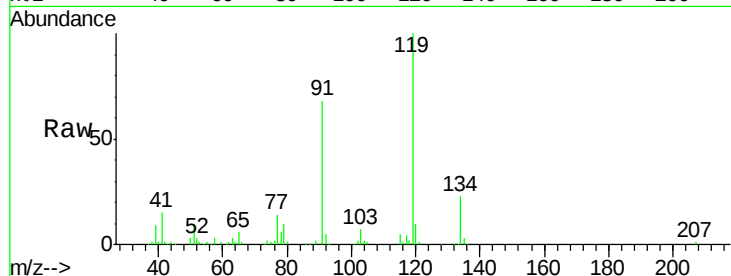




#83
 tert-Butylbenzene
 Concen: 19.099 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060689.D
 Acq: 25 Mar 2020 12:12

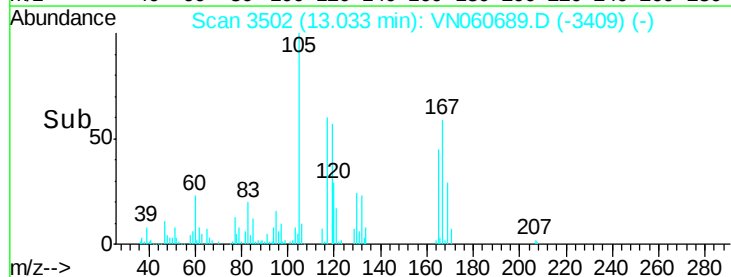
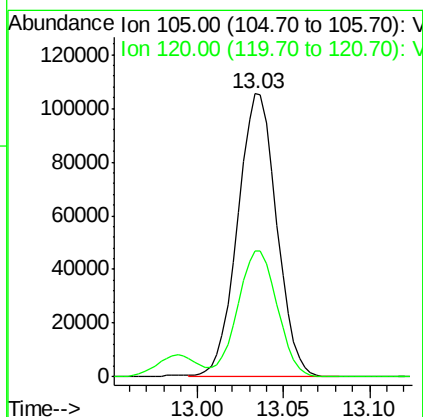
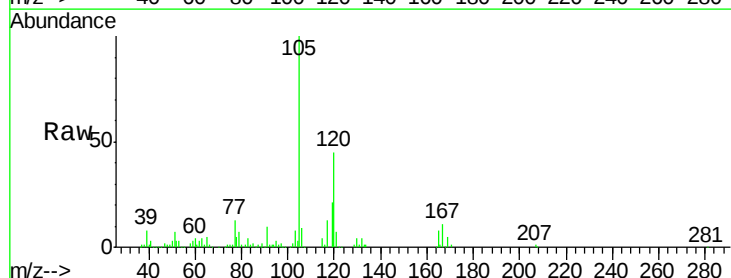
Instrument :
 MSVOA_N
 ClientSampled :
 VN0325WBS01

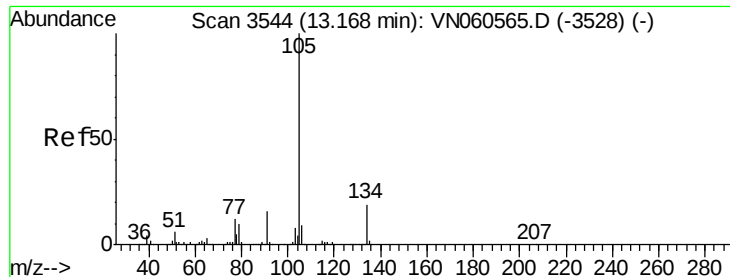
Tgt Ion:119 Resp: 140254
 Ion Ratio Lower Upper
 119 100
 91 67.1 34.0 101.8
 134 23.2 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.018 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN060689.D
 Acq: 25 Mar 2020 12:12

Tgt Ion:105 Resp: 166678
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.1 66.5

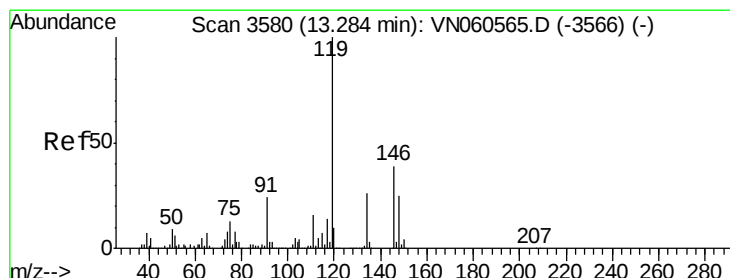
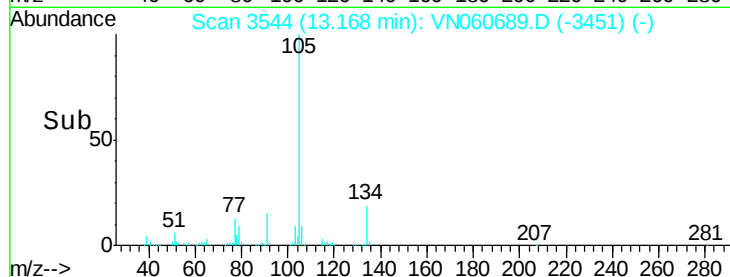
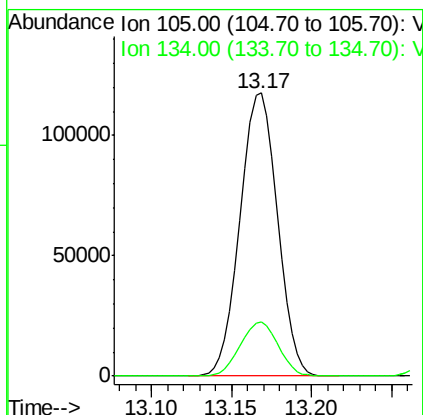
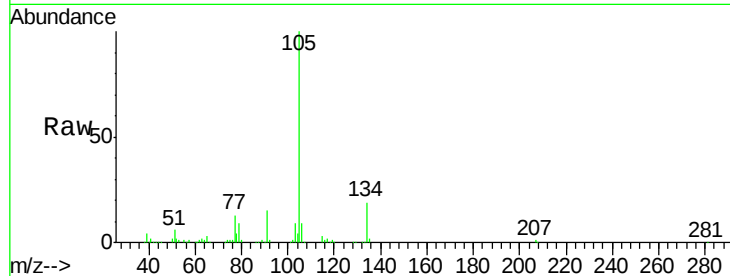




#85
 sec-Butylbenzene
 Concen: 19.013 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN060689.D
 Acq: 25 Mar 2020 12:12

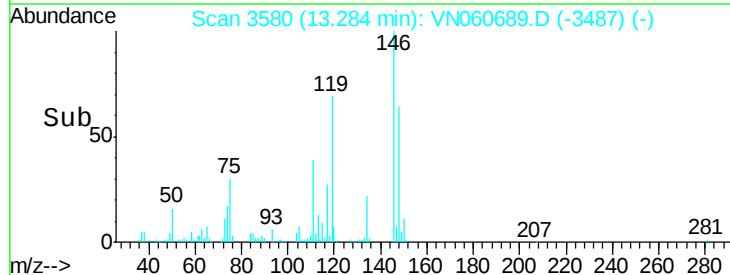
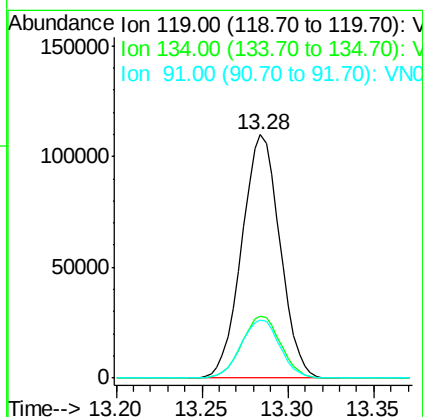
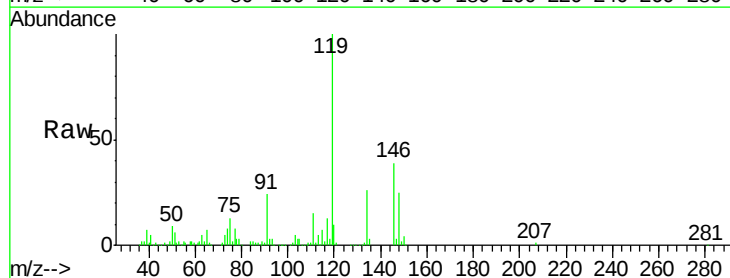
Instrument :
 MSVOA_N
 ClientSampled :
 VN0325WBS01

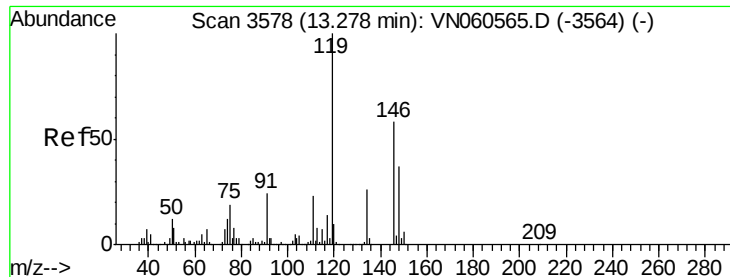
Tgt Ion:105 Resp: 187755
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 19.046 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN060689.D
 Acq: 25 Mar 2020 12:12

Tgt Ion:119 Resp: 169128
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 24.5 12.0 36.0

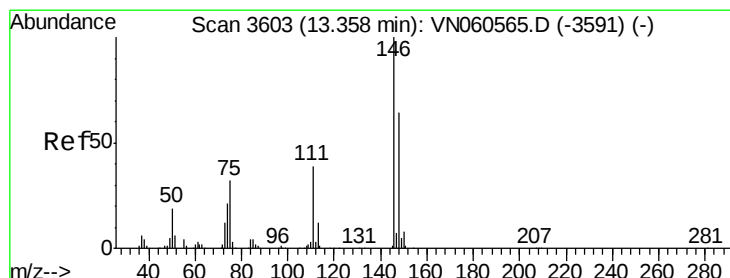
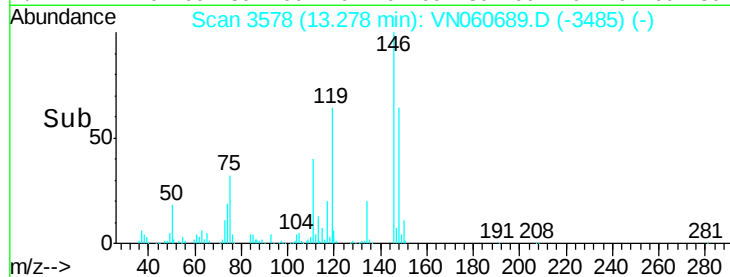
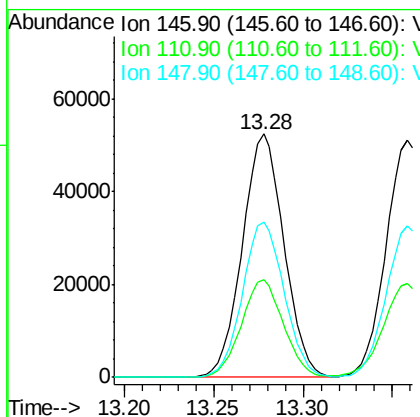
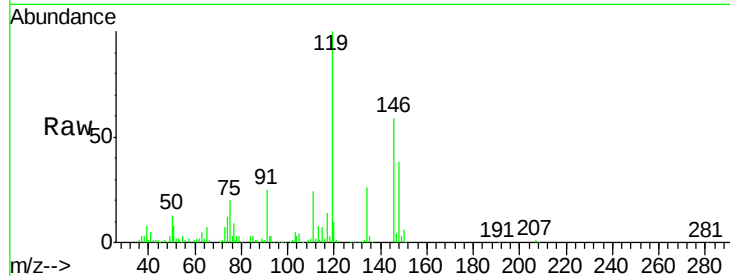




#87
 1,3-Dichlorobenzene
 Concen: 19.336 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060689.D
 Acq: 25 Mar 2020 12:12

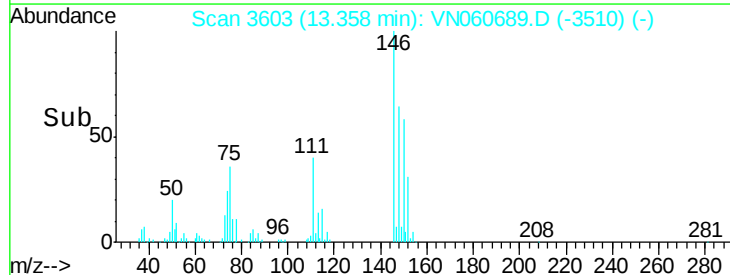
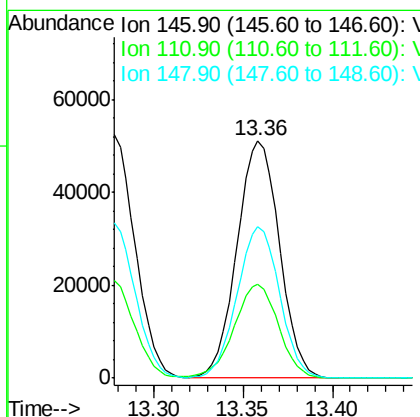
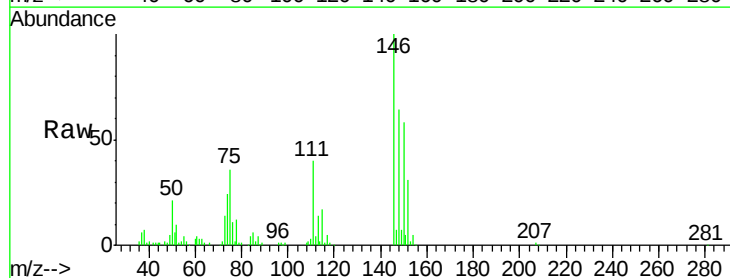
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBS01

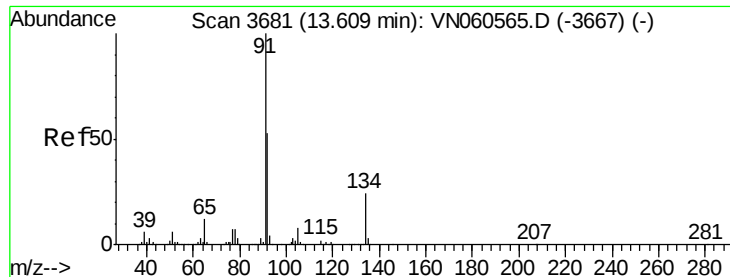
Tgt Ion:146 Resp: 85785
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.3 60.8
 148 63.6 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 19.087 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060689.D
 Acq: 25 Mar 2020 12:12

Tgt Ion:146 Resp: 85079
 Ion Ratio Lower Upper
 146 100
 111 41.3 19.6 58.7
 148 63.6 32.1 96.3

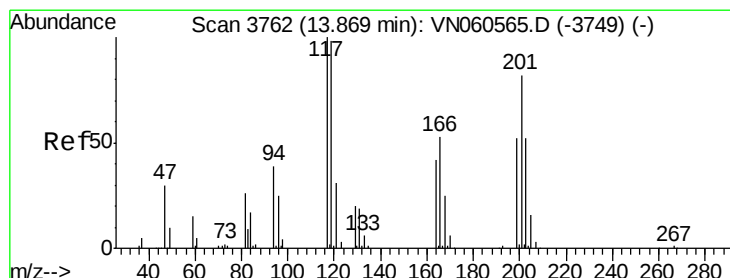
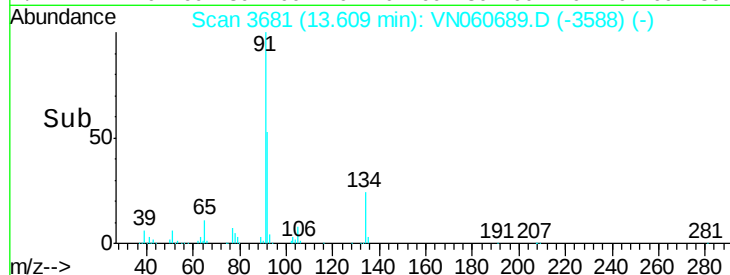
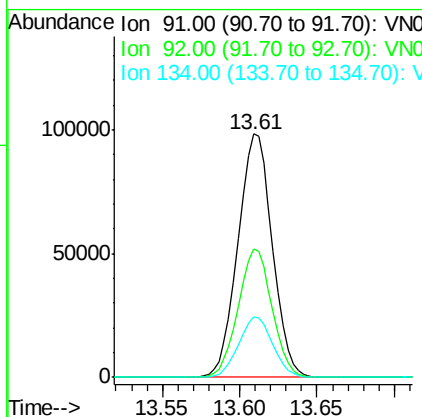
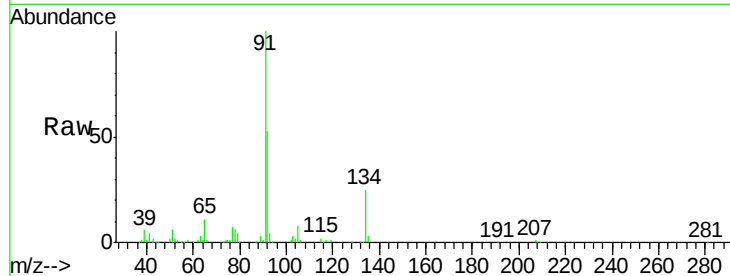




#89
n-Butylbenzene
Concen: 18.911 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

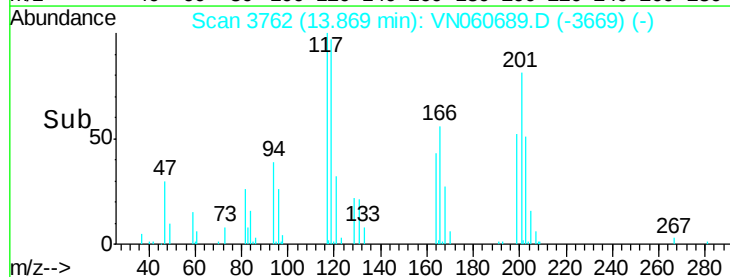
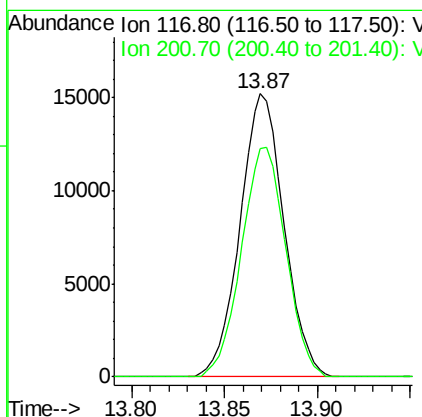
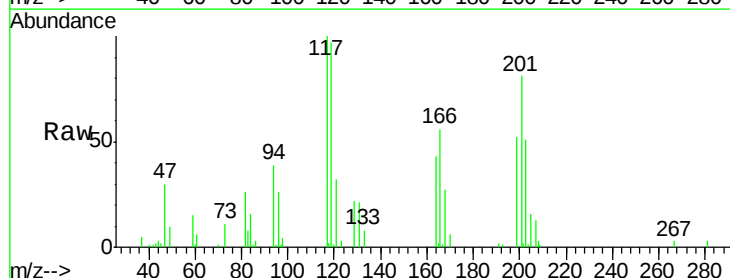
Instrument :
MSVOA_N
ClientSampled :
VN0325WBS01

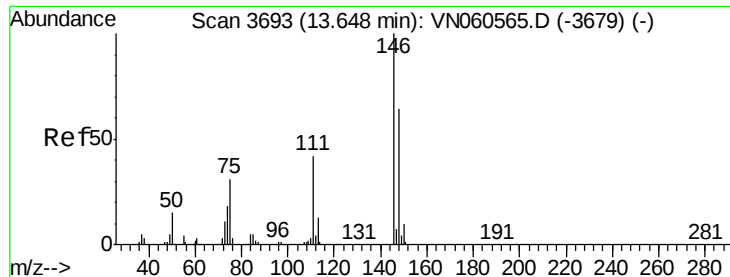
Tgt Ion: 91 Resp: 151615
Ion Ratio Lower Upper
91 100
92 51.9 26.2 78.5
134 24.6 12.3 36.9



#90
Hexachloroethane
Concen: 19.357 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

Tgt Ion: 117 Resp: 24985
Ion Ratio Lower Upper
117 100
201 81.9 40.8 122.5

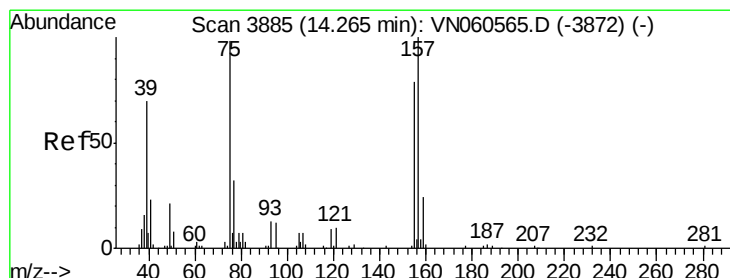
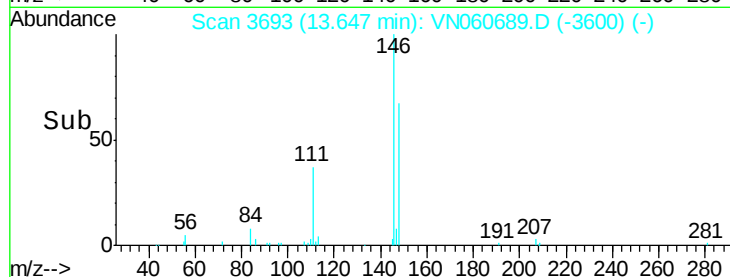
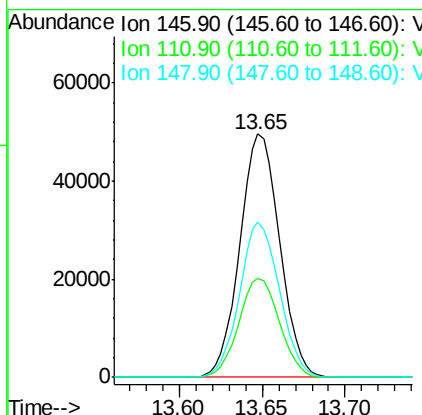
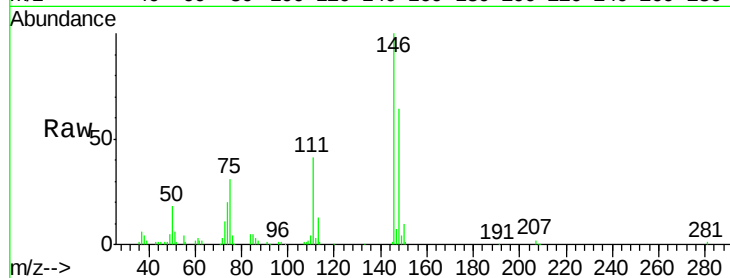




#91
 1,2-Dichlorobenzene
 Concen: 19.566 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN060689.D
 Acq: 25 Mar 2020 12:12

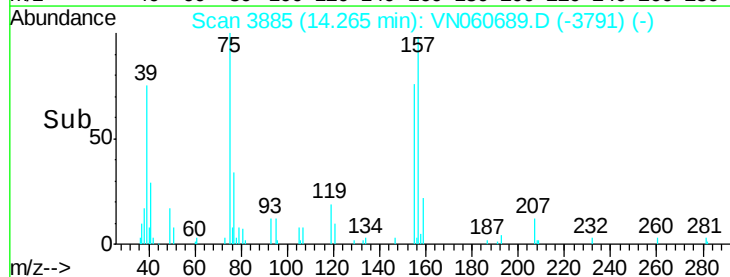
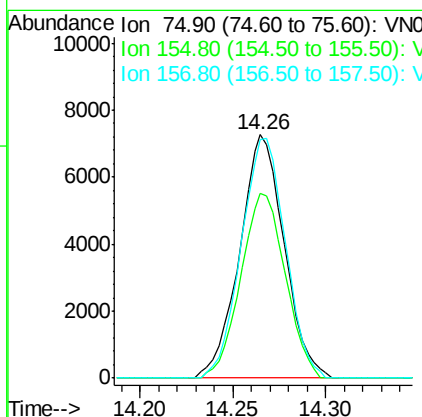
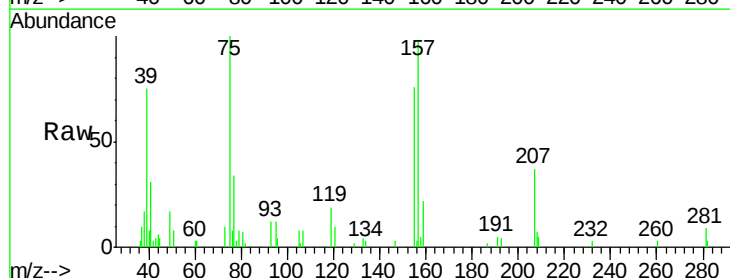
Instrument :
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 ClientSampleId :
 VN0325WBS01

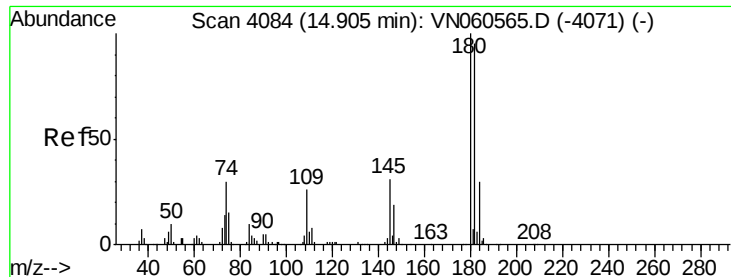
Tgt Ion:146 Resp: 83004
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.0 63.0
 148 63.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.118 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060689.D
 Acq: 25 Mar 2020 12:12

Tgt Ion: 75 Resp: 12093
 Ion Ratio Lower Upper
 75 100
 155 75.9 40.7 122.1
 157 97.8 51.5 154.7

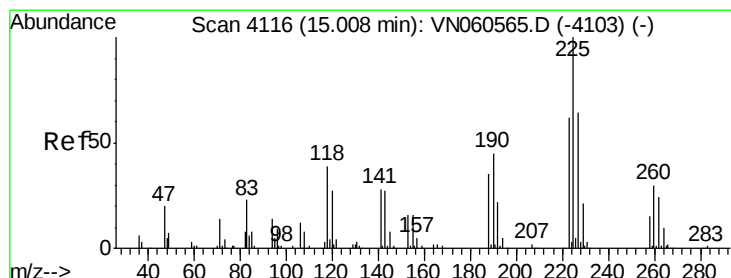
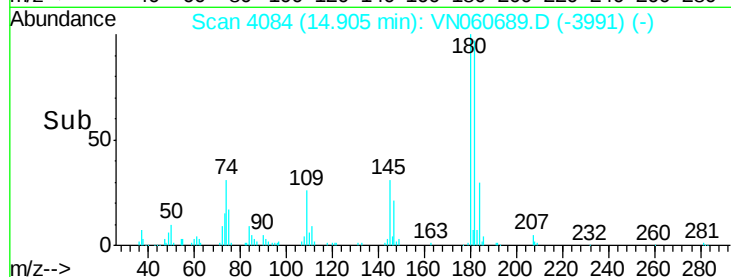
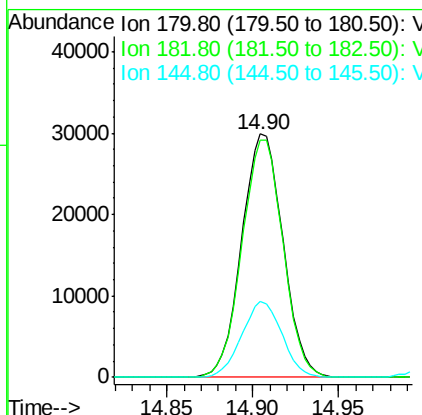
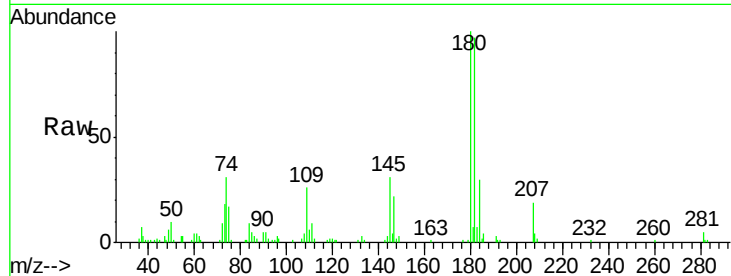




#93
 1,2,4-Trichlorobenzene
 Concen: 19.115 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060689.D
 Acq: 25 Mar 2020 12:12

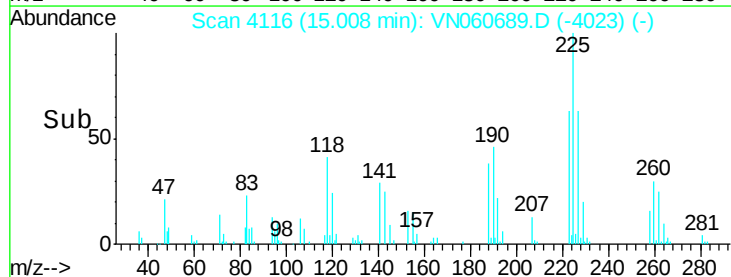
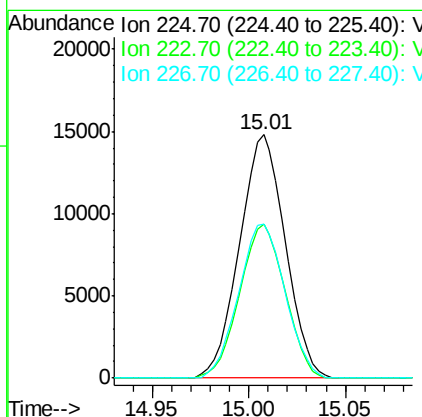
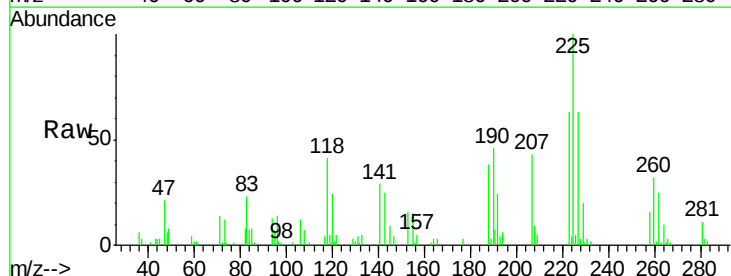
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBS01

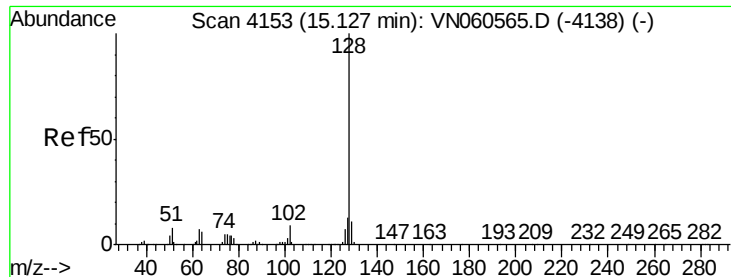
Tgt Ion:180 Resp: 49797
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.9 143.8
 145 30.4 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 19.016 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060689.D
 Acq: 25 Mar 2020 12:12

Tgt Ion:225 Resp: 24285
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.6 95.0
 227 64.4 32.3 96.8

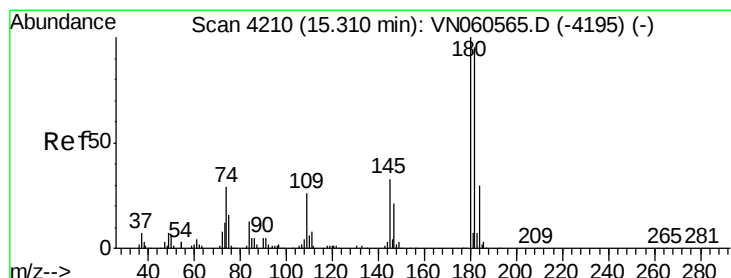
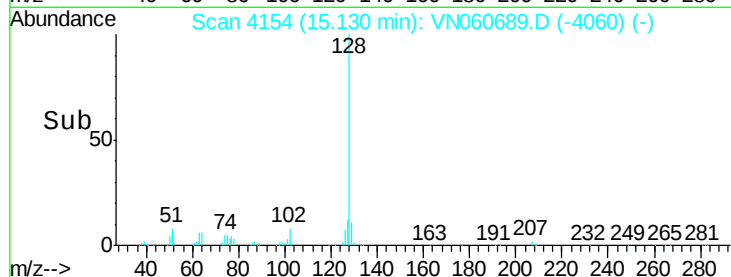
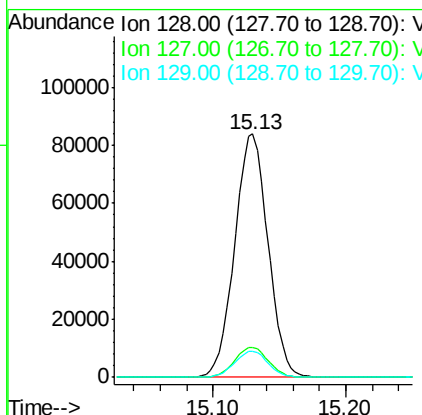
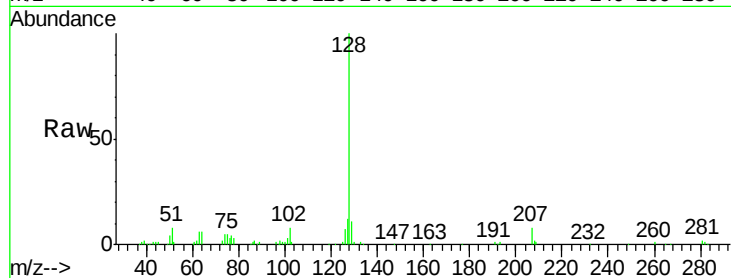




#95
Naphthalene
Concen: 18.713 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

Instrument :
MSVOA_N
ClientSampled :
VN0325WBS01

Tgt Ion:128 Resp: 146626
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.639 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060689.D
Acq: 25 Mar 2020 12:12

Tgt Ion:180 Resp: 47828
Ion Ratio Lower Upper
180 100
182 95.5 47.5 142.6
145 32.5 16.3 48.8

