

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022420\
 Data File : VN060200.D
 Acq On : 24 Feb 2020 11:30
 Operator : JC/MD
 Sample : VN0224WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBSD01

Quant Time: Feb 24 15:48:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	174807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	277922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	256795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	122576	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	108874	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
35) Dibromofluoromethane	7.56	113	85827	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	10.08	98	324930	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
62) 4-Bromofluorobenzene	12.40	95	118190	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	31465	18.01	ug/l	99
3) Chloromethane	2.04	50	36217	17.42	ug/l	99
4) Vinyl Chloride	2.17	62	42009	17.72	ug/l	98
5) Bromomethane	2.55	94	26486	18.22	ug/l	99
6) Chloroethane	2.69	64	22088	18.43	ug/l	97
7) Trichlorofluoromethane	3.00	101	56541	18.50	ug/l	99
8) Diethyl Ether	3.38	74	20156	19.82	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	32608	19.22	ug/l	98
10) Methyl Iodide	3.93	142	41927	19.96	ug/l	100
11) Tert butyl alcohol	4.72	59	31206	98.04	ug/l	100
12) 1,1-Dichloroethene	3.72	96	31148	18.85	ug/l	94
13) Acrolein	3.58	56	29294	93.11	ug/l	97
14) Allyl chloride	4.30	41	50148	20.62	ug/l	89
15) Acrylonitrile	4.94	53	80206	103.18	ug/l	98
16) Acetone	3.78	43	74653	80.46	ug/l	100
17) Carbon Disulfide	4.03	76	84317	16.93	ug/l	98
18) Methyl Acetate	4.29	43	37324	21.41	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	109434	19.69	ug/l	98
20) Methylene Chloride	4.52	84	35699	19.29	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	33444	18.56	ug/l	98
22) Diisopropyl ether	5.91	45	105594	19.81	ug/l	96
23) Vinyl Acetate	5.86	43	439216	98.11	ug/l	99
24) 1,1-Dichloroethane	5.82	63	62622	19.39	ug/l	99
25) 2-Butanone	6.80	43	105669	90.55	ug/l	98
26) 2,2-Dichloropropane	6.79	77	57367	18.70	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	39149	18.57	ug/l	98
28) Bromochloromethane	7.17	49	26377	20.77	ug/l	100
29) Tetrahydrofuran	7.18	42	70770	98.86	ug/l	98
30) Chloroform	7.35	83	66475	19.65	ug/l	98
31) Cyclohexane	7.63	56	56543	18.79	ug/l	95
32) 1,1,1-Trichloroethane	7.54	97	58390	18.89	ug/l	99
36) 1,1-Dichloropropene	7.77	75	47650	18.51	ug/l	98
37) Ethyl Acetate	6.89	43	45778	19.68	ug/l	99
38) Carbon Tetrachloride	7.75	117	51458	18.41	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	58010	18.15	ug/l	99
40) Benzene	8.02	78	142881	18.71	ug/l	99
41) Methacrylonitrile	7.18	41	66446	68.10	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	53693	20.06	ug/l	99
43) Isopropyl Acetate	8.14	43	78507	19.74	ug/l	99
44) Trichloroethene	8.82	130	39018	18.45	ug/l	99
45) 1,2-Dichloropropane	9.10	63	37123	19.64	ug/l	99
46) Dibromomethane	9.19	93	25743	19.27	ug/l	99
47) Bromodichloromethane	9.39	83	52123	19.19	ug/l	97
48) Methyl methacrylate	9.18	41	33475	18.76	ug/l	100
49) 1,4-Dioxane	9.18	88	12090	396.56	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	223965	97.29	ug/l	99
52) Toluene	10.14	92	91867	18.76	ug/l	97
53) t-1,3-Dichloropropene	10.37	75	58535	19.09	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	62294	19.30	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	37055	19.40	ug/l	98
56) Ethyl methacrylate	10.42	69	51203	18.95	ug/l	99
57) 1,3-Dichloropropane	10.70	76	60597	19.22	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	119894	95.23	ug/l	100
59) 2-Hexanone	10.74	43	159058	89.45	ug/l	100
60) Dibromochloromethane	10.89	129	41847	19.09	ug/l	100
61) 1,2-Dibromoethane	10.99	107	38642	19.30	ug/l	99
64) Tetrachloroethene	10.62	164	37393	19.15	ug/l	98
65) Chlorobenzene	11.43	112	98705	18.87	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	38695	19.55	ug/l	98
67) Ethyl Benzene	11.50	91	177222	18.78	ug/l	98
68) m/p-Xylenes	11.62	106	133374	37.66	ug/l	100
69) o-Xylene	11.94	106	64069	18.79	ug/l	99
70) Styrene	11.96	104	100750	18.32	ug/l	100
71) Bromoform	12.12	173	29230	18.36	ug/l #	99
73) Isopropylbenzene	12.25	105	173990	19.01	ug/l	100
74) N-amyl acetate	12.07	43	62803	19.03	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	51852	19.68	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	68982	29.41	ug/l #	100
77) Bromobenzene	12.52	156	43970	19.36	ug/l	99
78) n-propylbenzene	12.59	91	195708	18.77	ug/l	99
79) 2-Chlorotoluene	12.67	91	115840	18.90	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	145580	19.13	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	17706	18.49	ug/l	97
82) 4-Chlorotoluene	12.77	91	120292	19.13	ug/l	100
83) tert-Butylbenzene	12.99	119	125186	18.59	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	144584	19.25	ug/l	99
85) sec-Butylbenzene	13.17	105	168714	18.92	ug/l	99
86) p-Isopropyltoluene	13.29	119	154258	19.10	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	76570	19.04	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	77443	19.26	ug/l	99
89) n-Butylbenzene	13.61	91	133750	18.82	ug/l	99
90) Hexachloroethane	13.87	117	27890	18.48	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	76157	19.35	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10756	18.72	ug/l	96

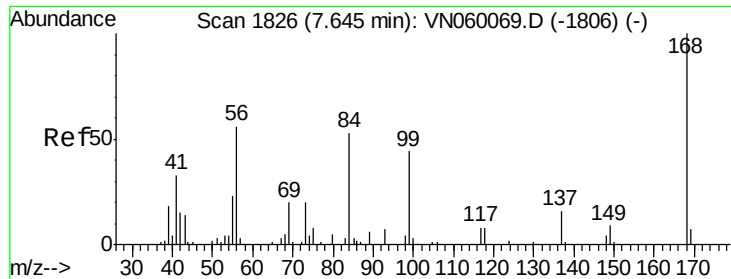
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022420\
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Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	44630	19.30	ug/l	98
94) Hexachlorobutadiene	15.01	225	25761	19.03	ug/l	99
95) Naphthalene	15.13	128	115875	18.55	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	44209	19.20	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

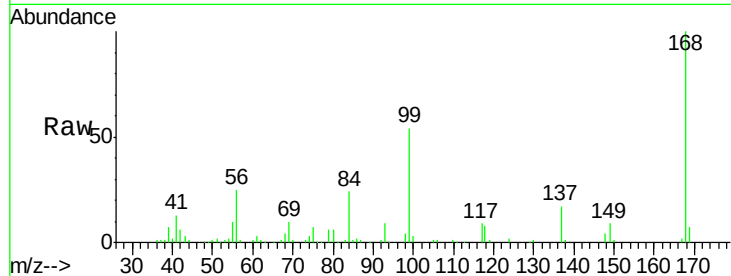
VN0224WBSD01

Tgt Ion:168 Resp: 174807

Ion Ratio Lower Upper

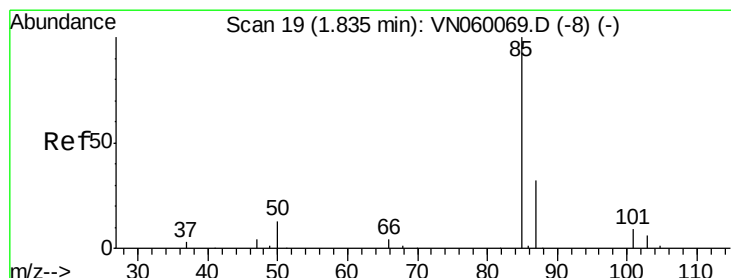
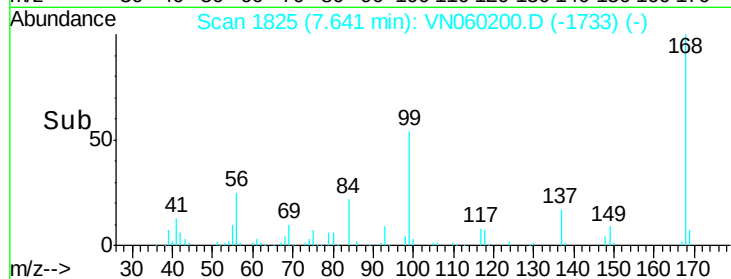
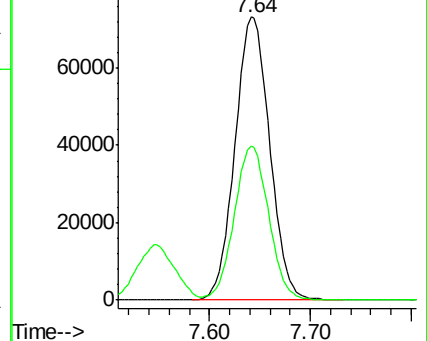
168 100

99 54.4 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 18.01 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN060200.D

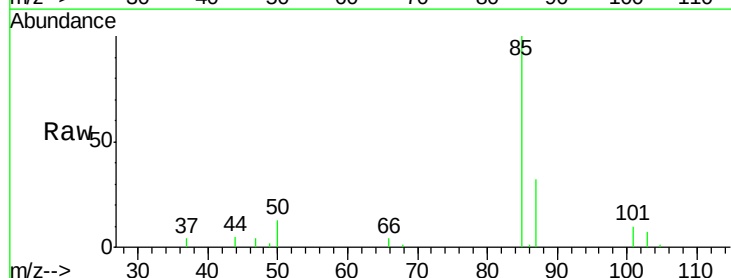
Acq: 24 Feb 2020 11:30

Tgt Ion: 85 Resp: 31465

Ion Ratio Lower Upper

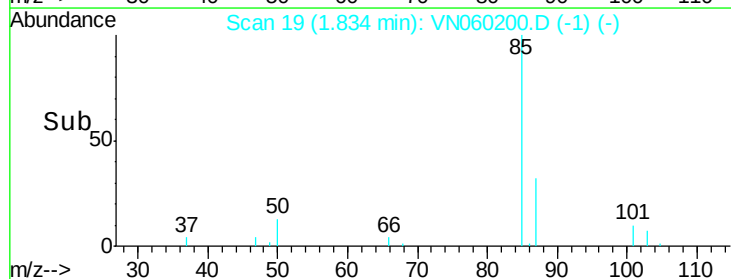
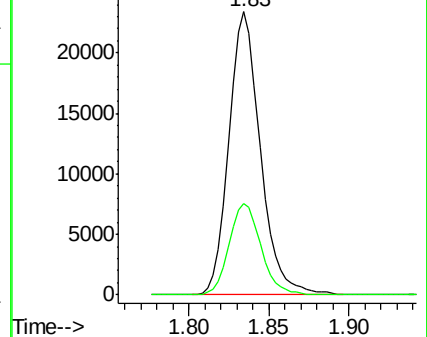
85 100

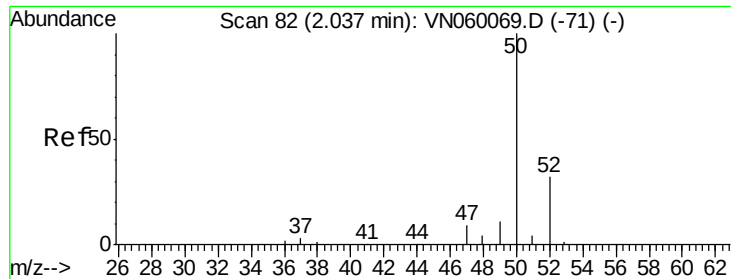
87 32.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 17.42 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

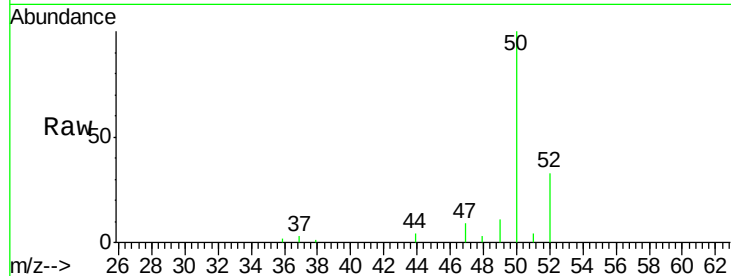
VN0224WBSD01

Tgt Ion: 50 Resp: 36217

Ion Ratio Lower Upper

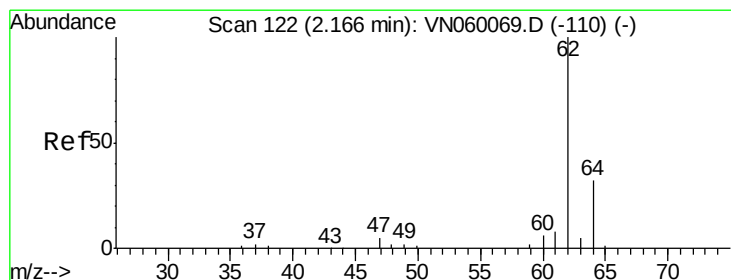
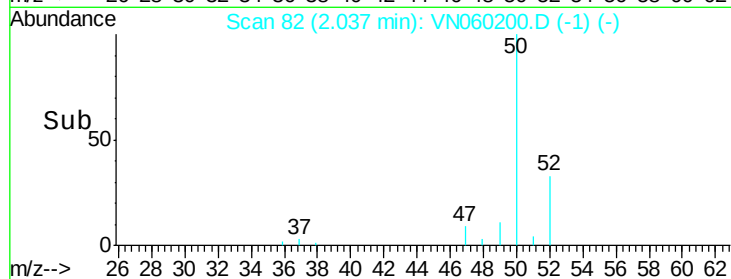
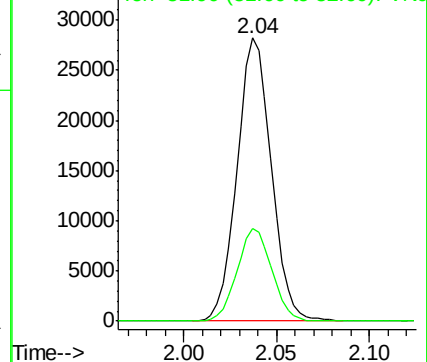
50 100

52 32.6 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 17.72 ug/l

RT: 2.17 min Scan# 122

Delta R.T. -0.00 min

Lab File: VN060200.D

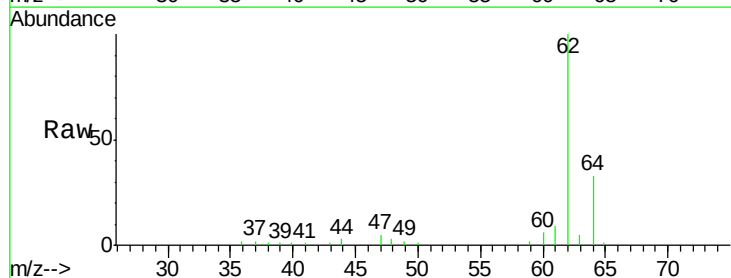
Acq: 24 Feb 2020 11:30

Tgt Ion: 62 Resp: 42009

Ion Ratio Lower Upper

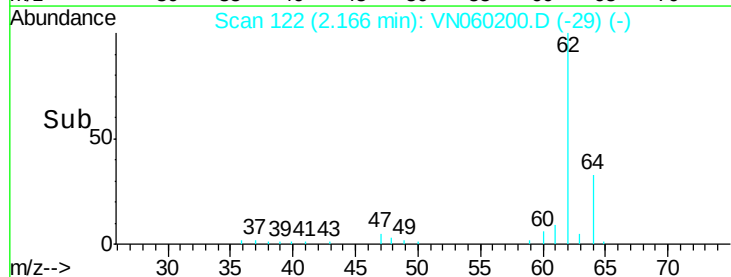
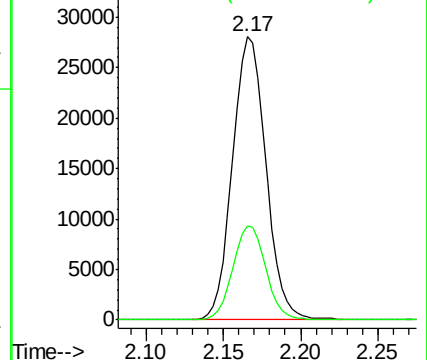
62 100

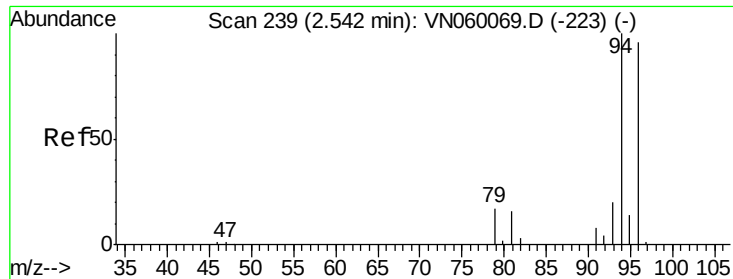
64 33.3 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 18.22 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

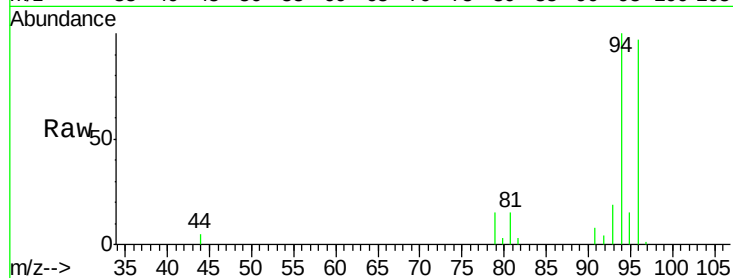
VN0224WBSD01

Tgt Ion: 94 Resp: 26486

Ion Ratio Lower Upper

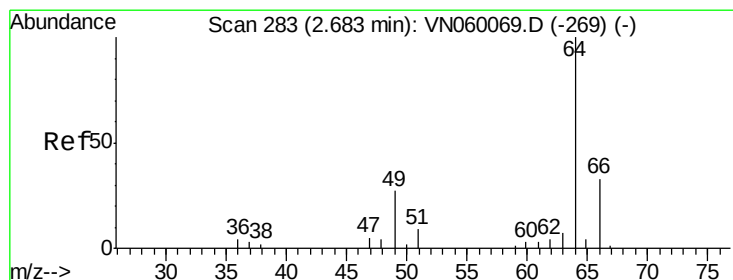
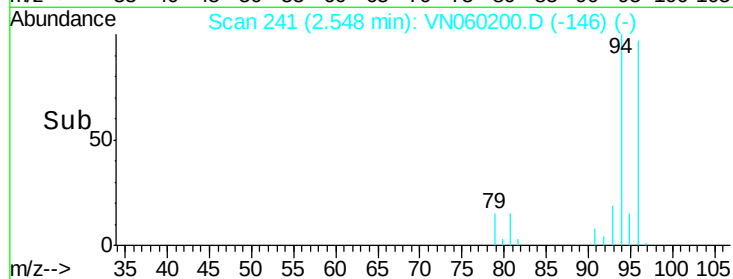
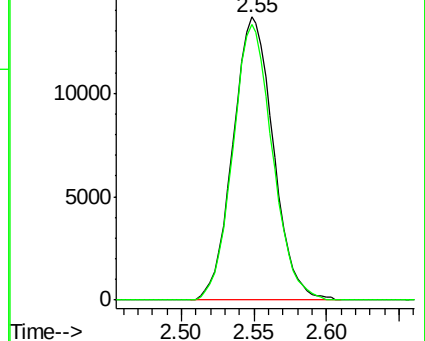
94 100

96 97.3 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.43 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060200.D

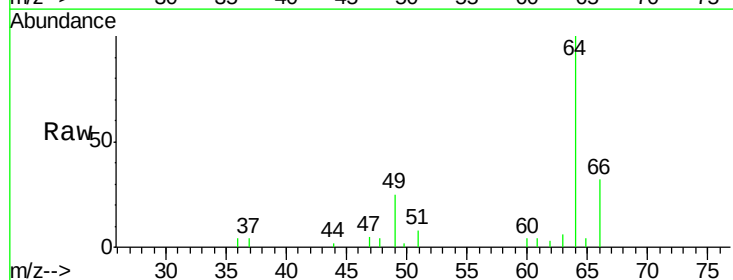
Acq: 24 Feb 2020 11:30

Tgt Ion: 64 Resp: 22088

Ion Ratio Lower Upper

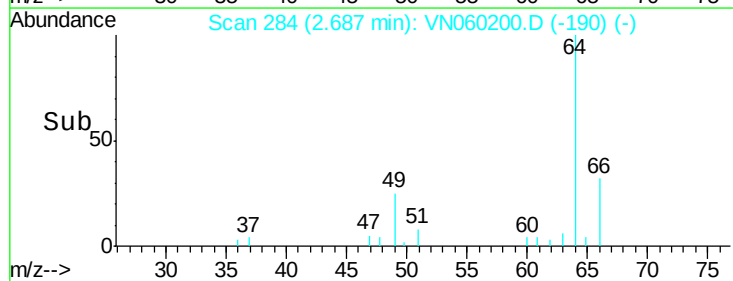
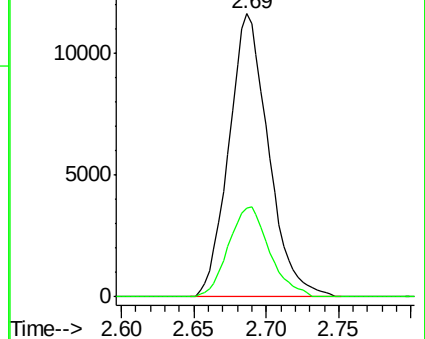
64 100

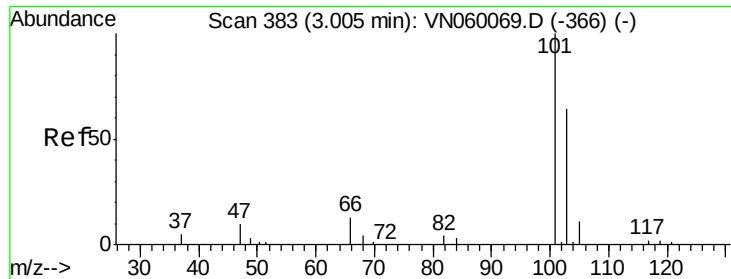
66 31.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 18.50 ug/l

RT: 3.00 min Scan# 383

Delta R.T. -0.00 min

Lab File: VN060200.D

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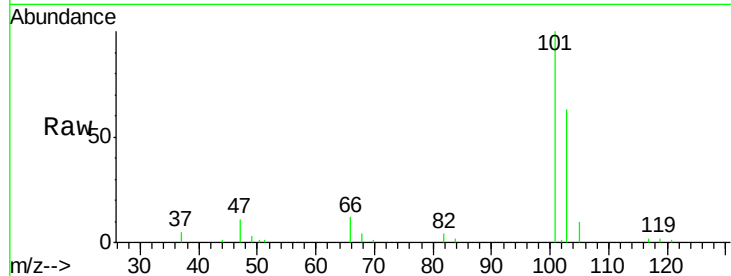
VN0224WBSD01

Tgt Ion:101 Resp: 56541

Ion Ratio Lower Upper

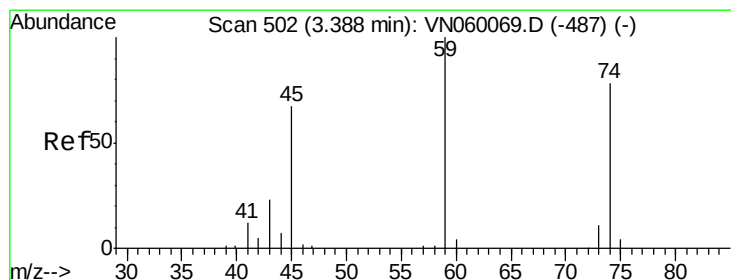
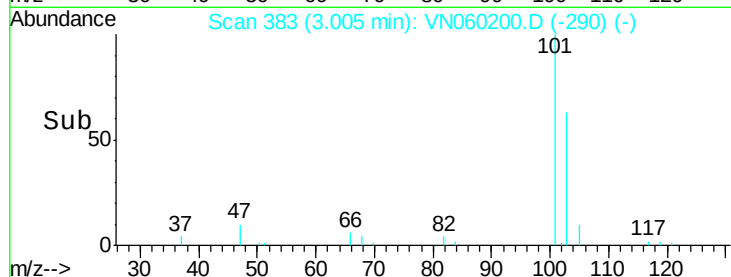
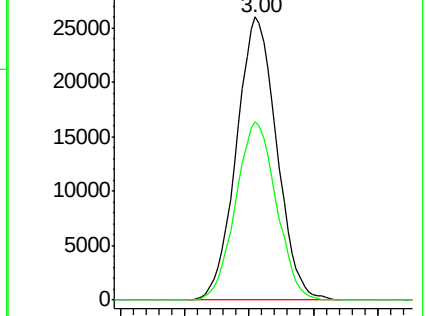
101 100

103 63.1 51.0 76.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.82 ug/l

RT: 3.38 min Scan# 501

Delta R.T. -0.00 min

Lab File: VN060200.D

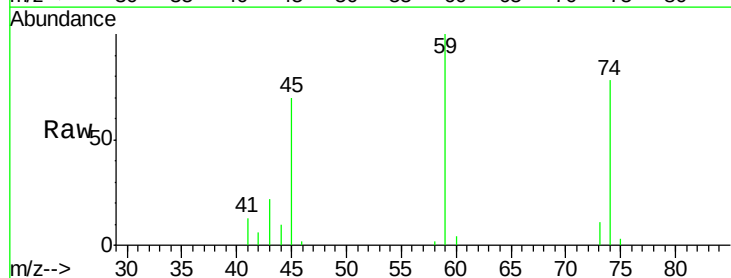
Acq: 24 Feb 2020 11:30

Tgt Ion: 74 Resp: 20156

Ion Ratio Lower Upper

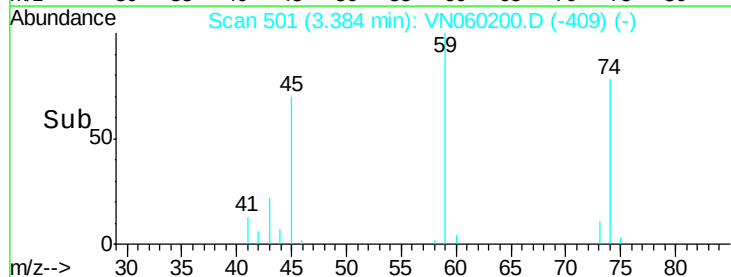
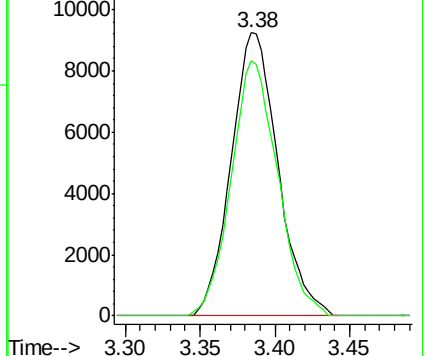
74 100

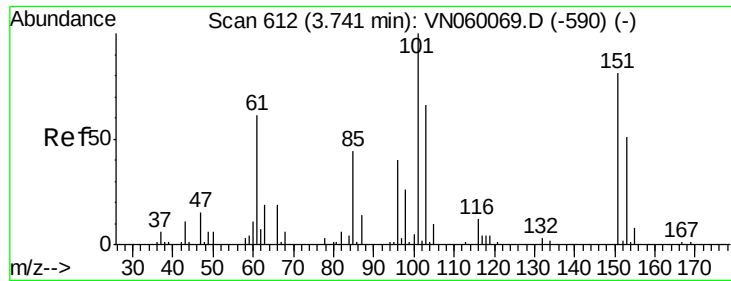
45 89.3 44.7 134.1



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.22 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

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VN0224WBSD01

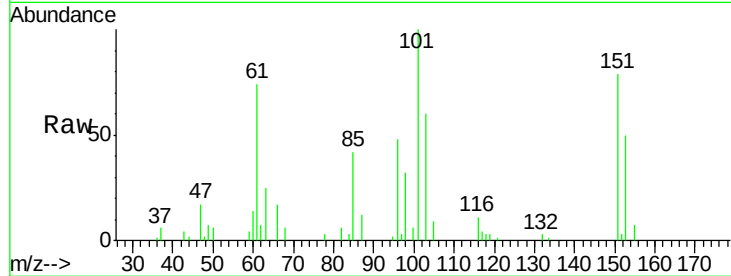
Tgt Ion:101 Resp: 32608

Ion Ratio Lower Upper

101 100

85 43.7 35.1 52.7

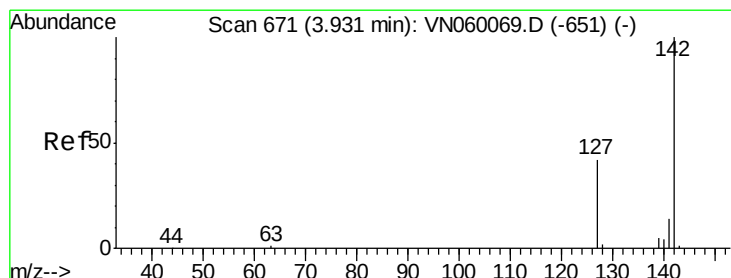
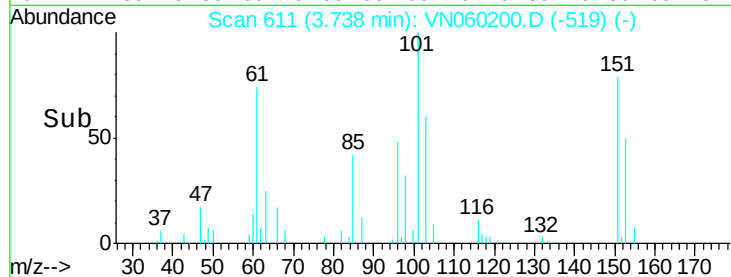
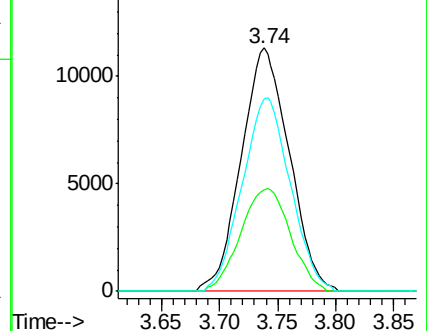
151 79.8 65.8 98.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.96 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

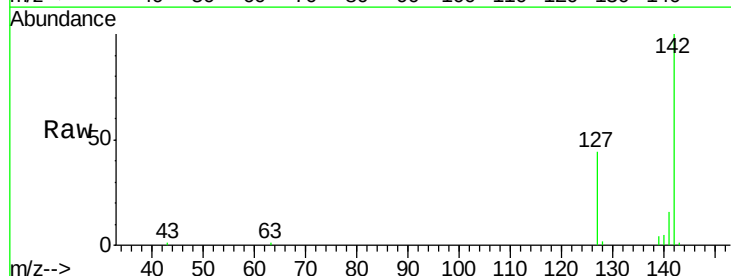
Tgt Ion:142 Resp: 41927

Ion Ratio Lower Upper

142 100

127 42.1 33.6 50.4

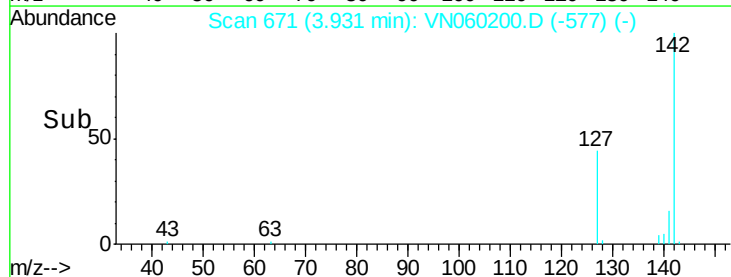
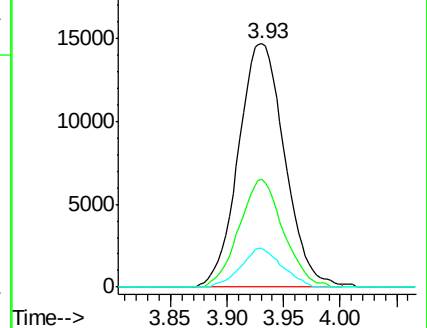
141 14.2 11.4 17.2

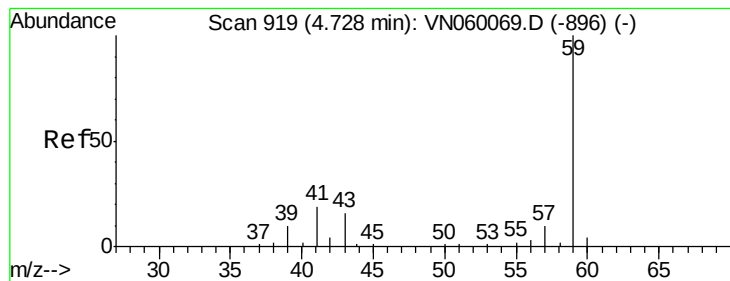


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 98.04 ug/l

RT: 4.72 min Scan# 917

Delta R.T. -0.01 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

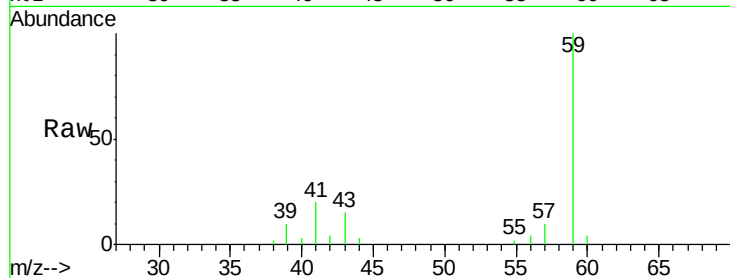
VN0224WBSD01

Tgt Ion: 59 Resp: 31206

Ion Ratio Lower Upper

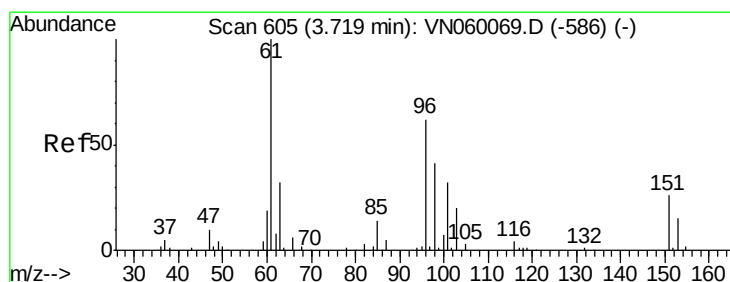
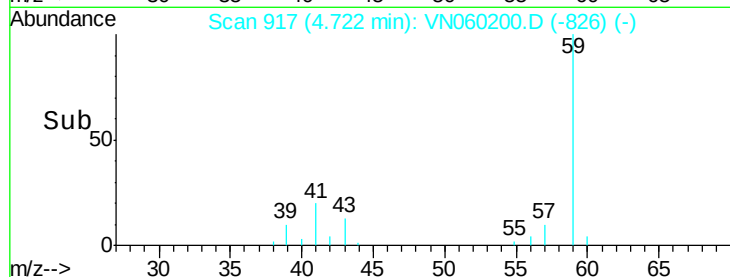
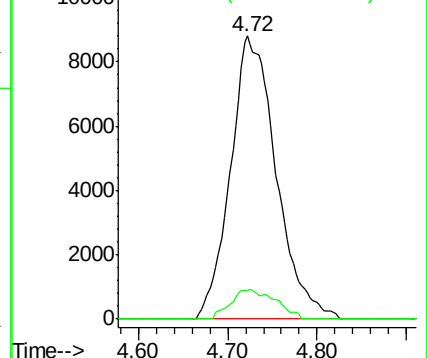
59 100

57 10.2 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 18.85 ug/l

RT: 3.72 min Scan# 605

Delta R.T. -0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

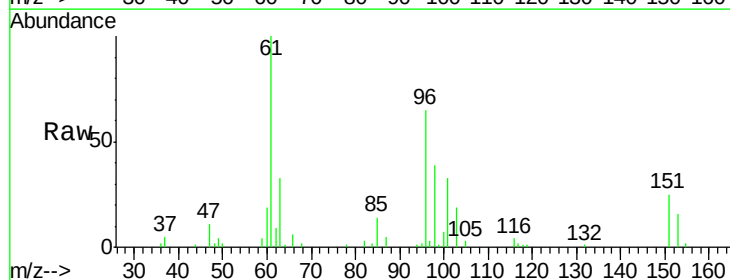
Tgt Ion: 96 Resp: 31148

Ion Ratio Lower Upper

96 100

61 153.4 128.3 192.5

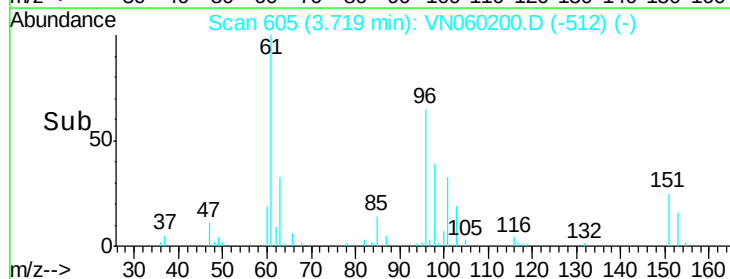
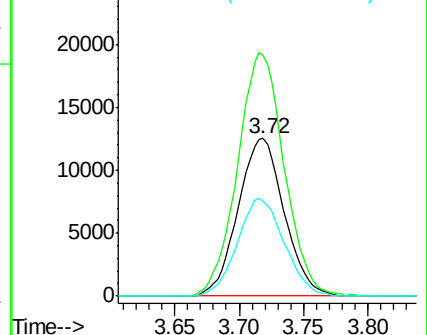
98 60.2 52.2 78.4

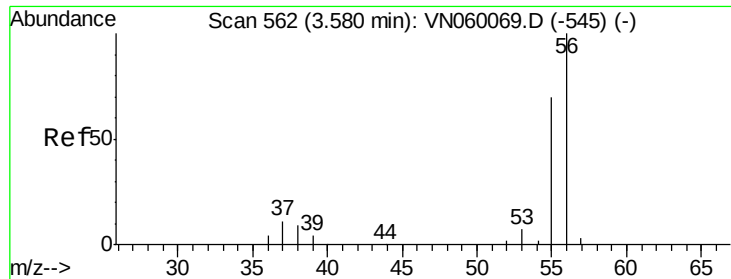


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 93.11 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

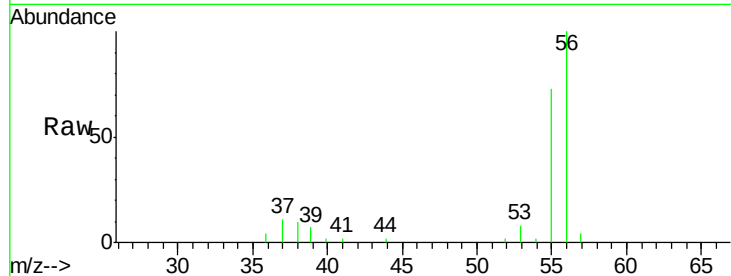
VN0224WBSD01

Tgt Ion: 56 Resp: 29294

Ion Ratio Lower Upper

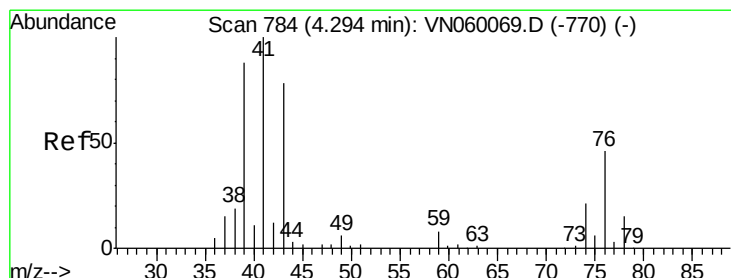
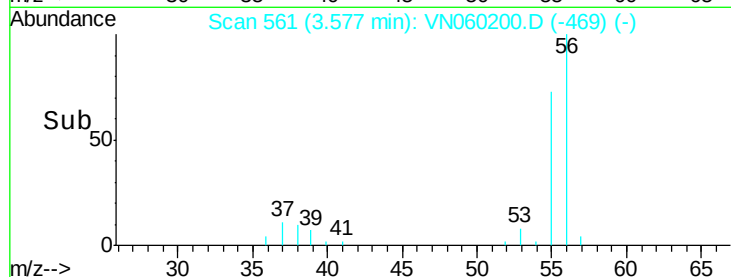
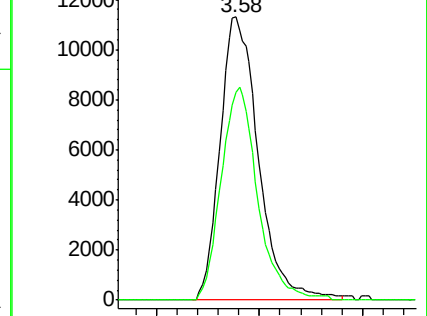
56 100

55 71.1 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 20.62 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

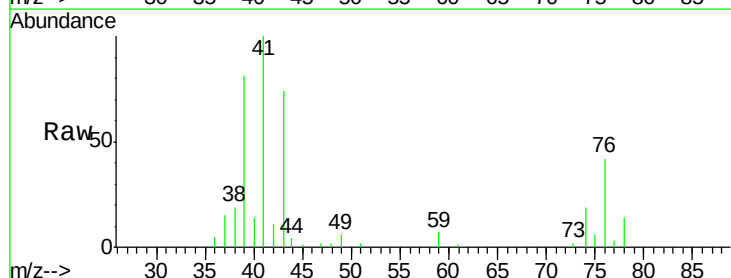
Tgt Ion: 41 Resp: 50148

Ion Ratio Lower Upper

41 100

39 74.1 67.8 101.8

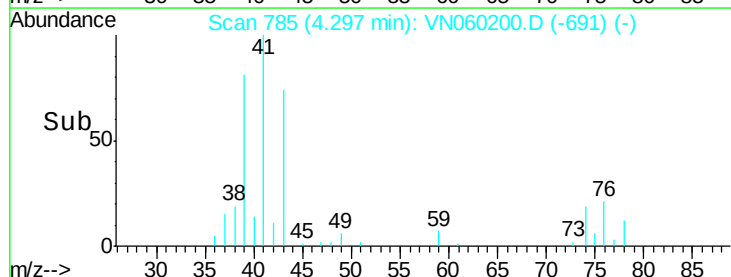
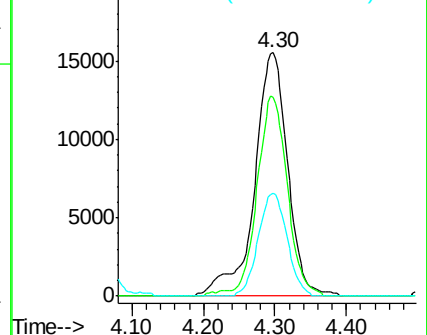
76 36.6 33.9 50.9

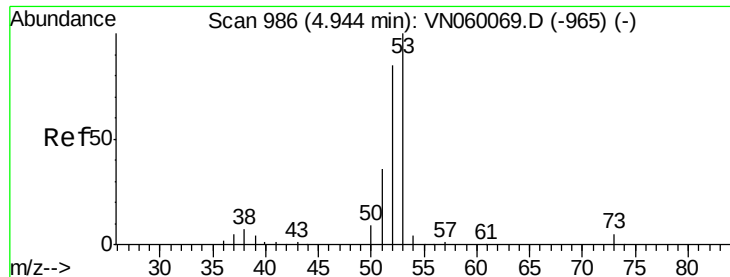


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 103.18 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01

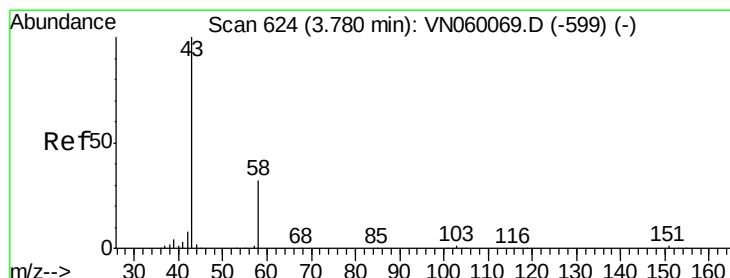
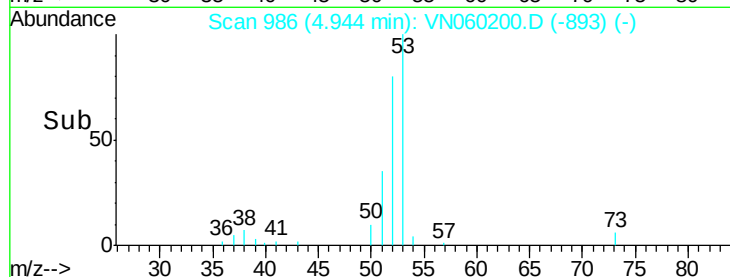
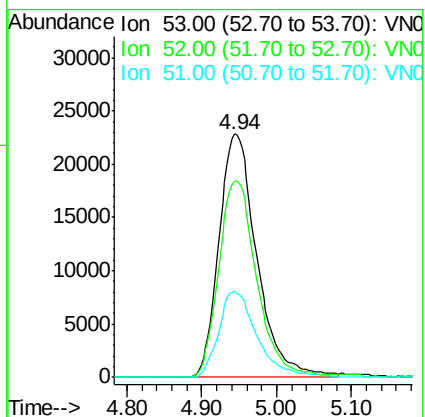
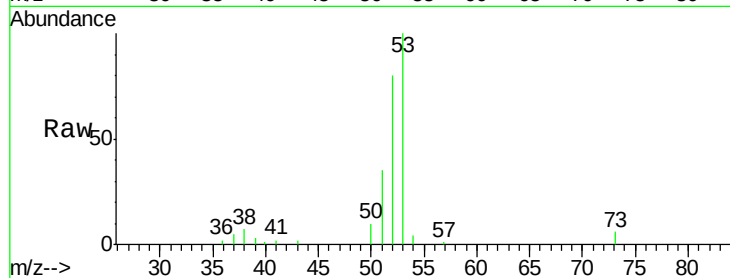
Tgt Ion: 53 Resp: 80206

Ion Ratio Lower Upper

53 100

52 80.8 66.8 100.2

51 36.0 29.4 44.0



#16

Acetone

Concen: 80.46 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060200.D

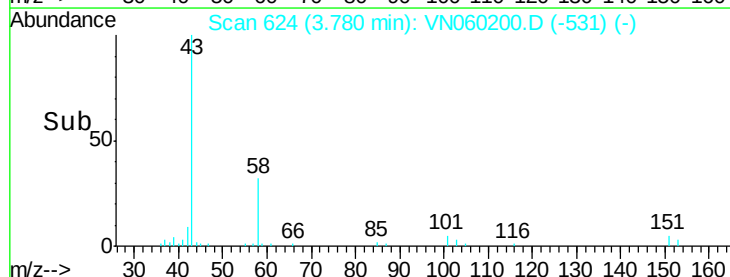
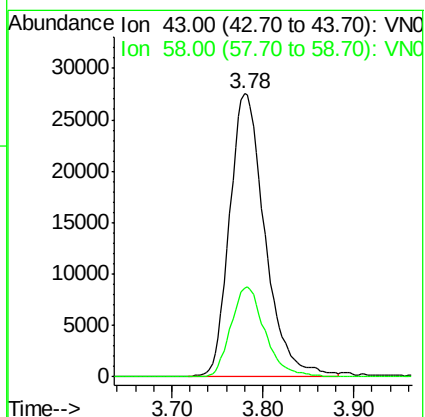
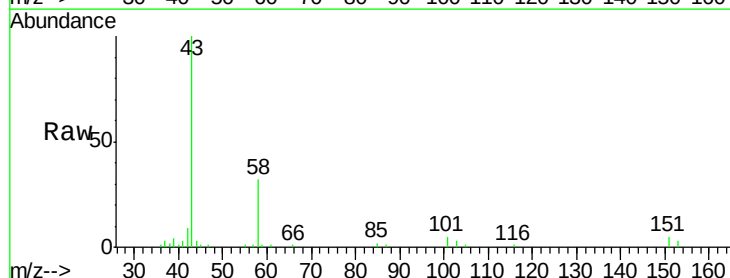
Acq: 24 Feb 2020 11:30

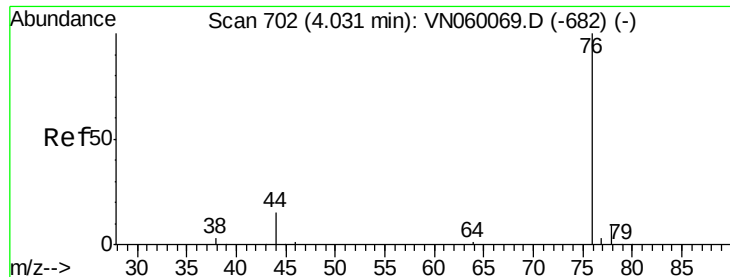
Tgt Ion: 43 Resp: 74653

Ion Ratio Lower Upper

43 100

58 31.6 25.2 37.8





#17

Carbon Disulfide

Concen: 16.93 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

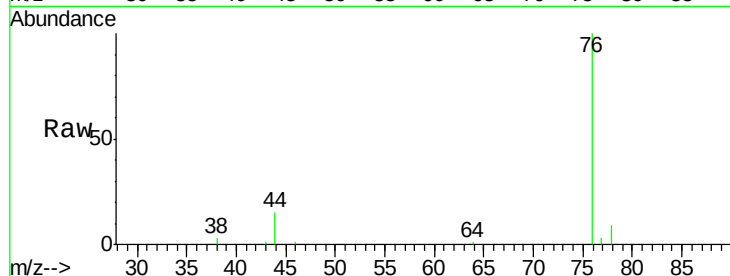
VN0224WBSD01

Tgt Ion: 76 Resp: 84317

Ion Ratio Lower Upper

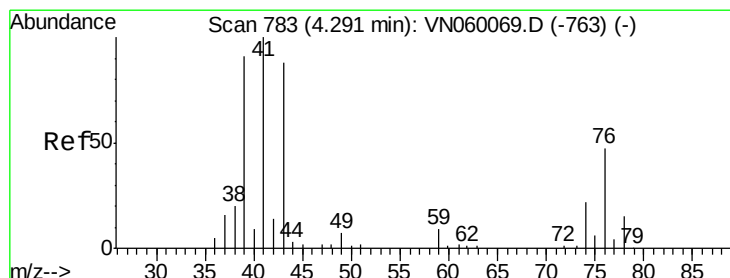
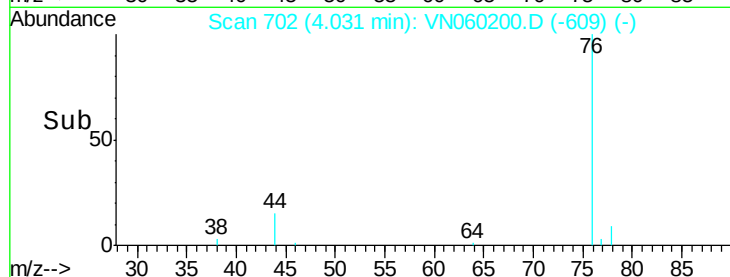
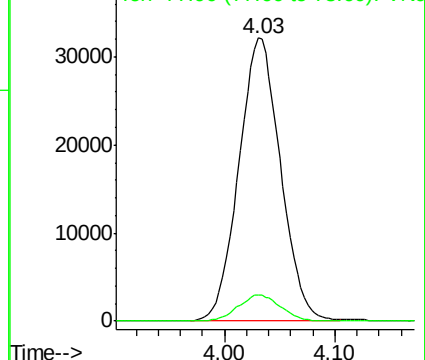
76 100

78 9.4 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 21.41 ug/l

RT: 4.29 min Scan# 782

Delta R.T. -0.00 min

Lab File: VN060200.D

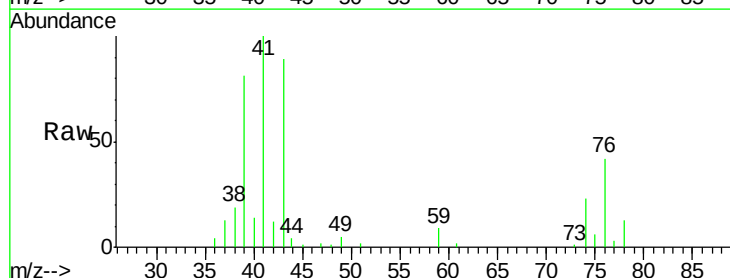
Acq: 24 Feb 2020 11:30

Tgt Ion: 43 Resp: 37324

Ion Ratio Lower Upper

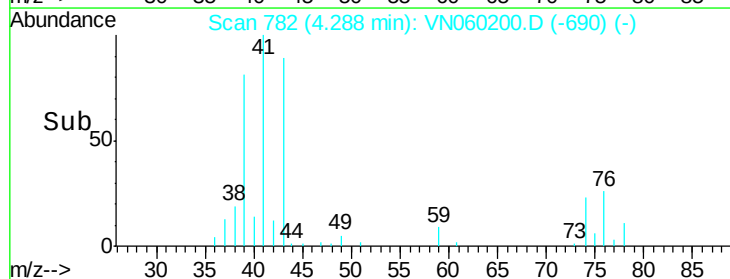
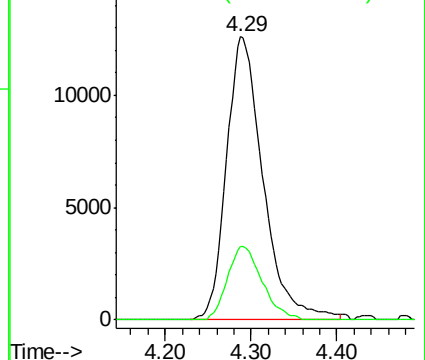
43 100

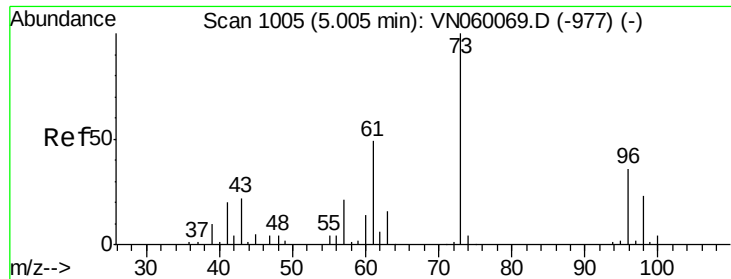
74 24.4 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

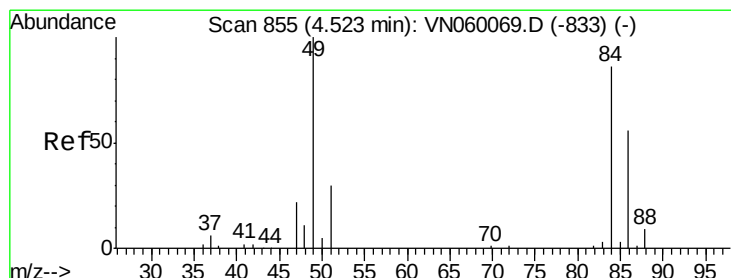
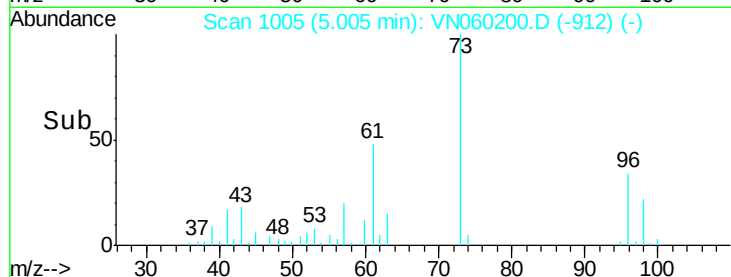
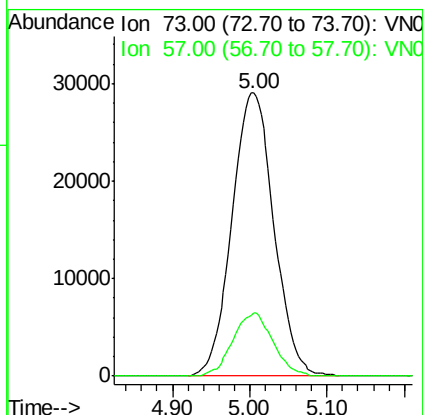
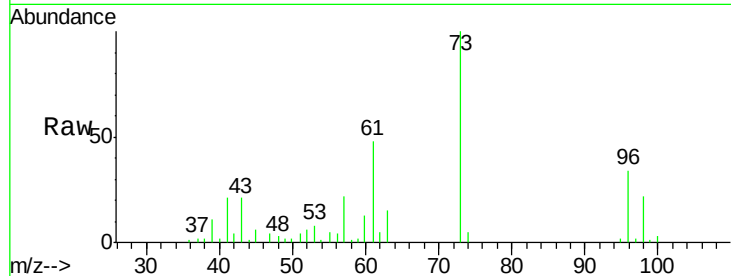




#19
Methyl tert-butyl Ether
Concen: 19.69 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: VN060200.D
Acq: 24 Feb 2020 11:30

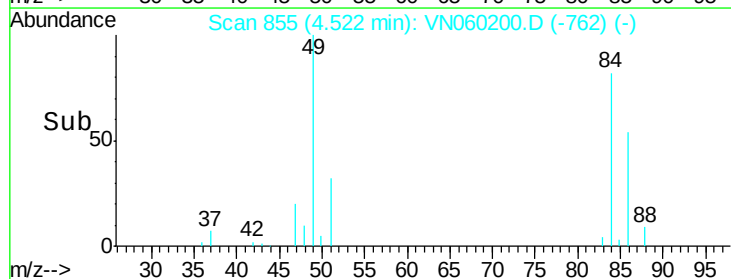
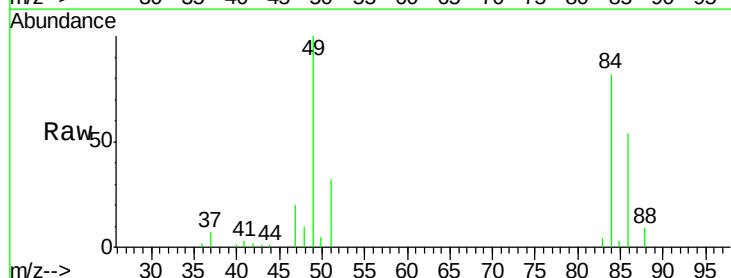
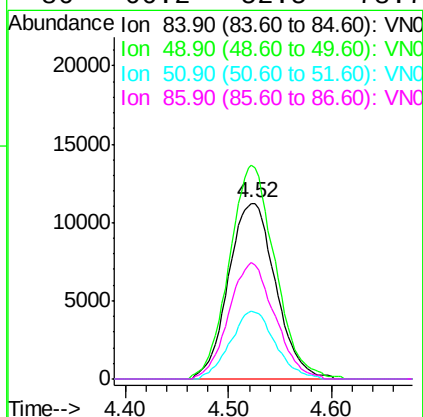
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

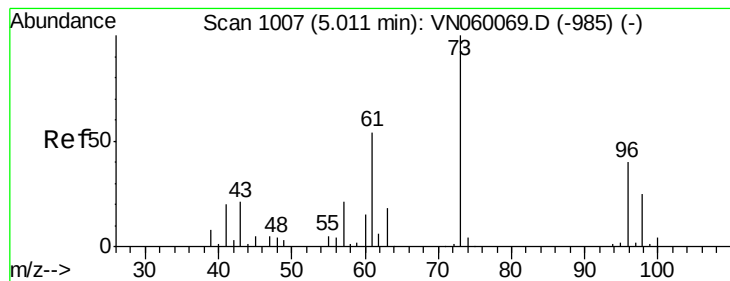
Tgt Ion: 73 Resp: 109434
Ion Ratio Lower Upper
73 100
57 22.3 17.2 25.8



#20
Methylene Chloride
Concen: 19.29 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060200.D
Acq: 24 Feb 2020 11:30

Tgt Ion: 84 Resp: 35699
Ion Ratio Lower Upper
84 100
49 121.5 93.4 140.0
51 38.4 28.4 42.6
86 66.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.56 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01

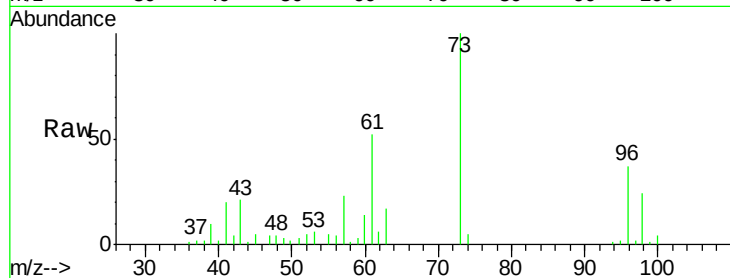
Tgt Ion: 96 Resp: 33444

Ion Ratio Lower Upper

96 100

61 140.6 109.3 163.9

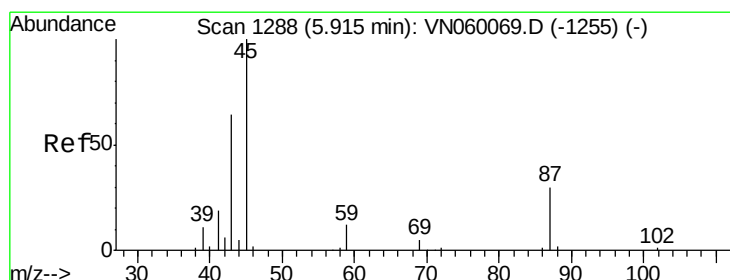
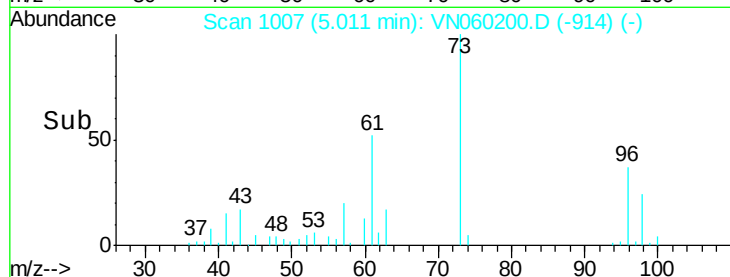
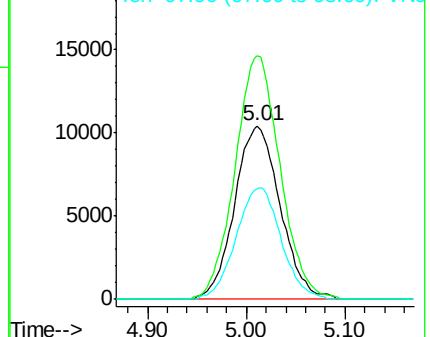
98 64.0 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VN060200.D (-914) (-)

Ion 60.90 (60.60 to 61.60): VN060200.D (-914) (-)

Ion 97.90 (97.60 to 98.60): VN060200.D (-914) (-)



#22

Diisopropyl ether

Concen: 19.81 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

Tgt Ion: 45 Resp: 105594

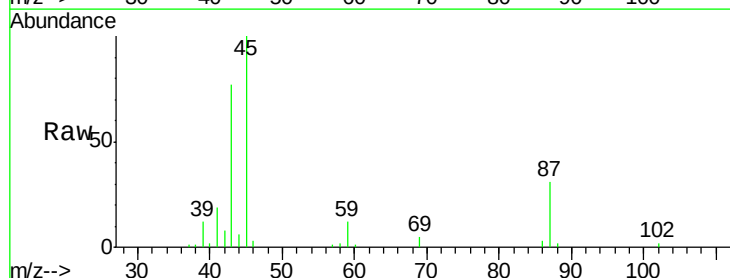
Ion Ratio Lower Upper

45 100

43 75.6 55.9 83.9

87 31.0 24.5 36.7

59 12.3 9.9 14.9

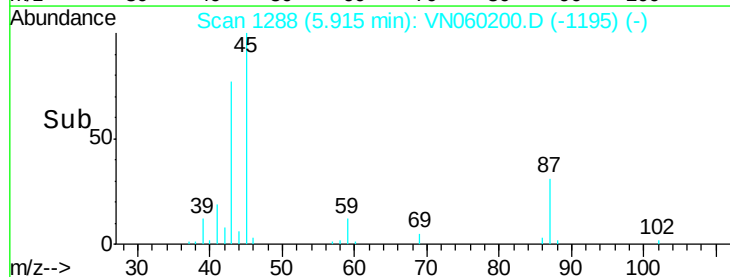
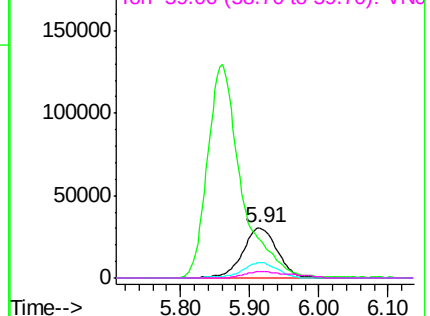


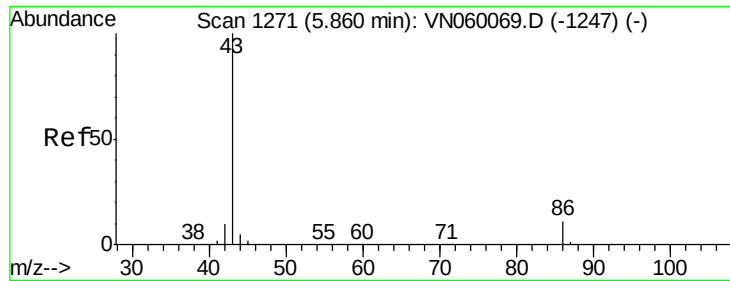
Abundance Ion 45.00 (44.70 to 45.70): VN060200.D (-1195) (-)

Ion 43.00 (42.70 to 43.70): VN060200.D (-1195) (-)

Ion 87.00 (86.70 to 87.70): VN060200.D (-1195) (-)

Ion 59.00 (58.70 to 59.70): VN060200.D (-1195) (-)

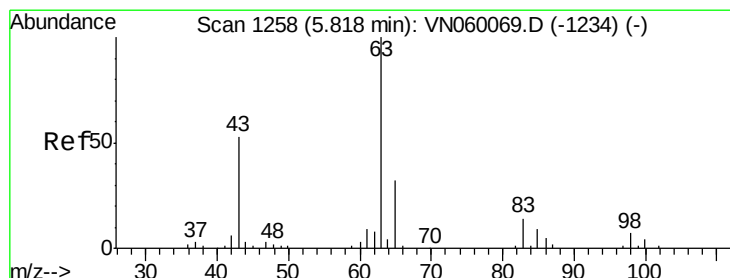
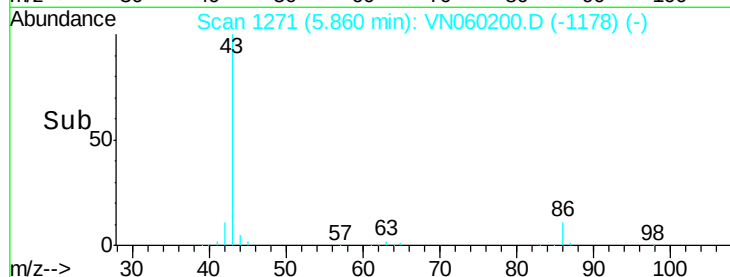
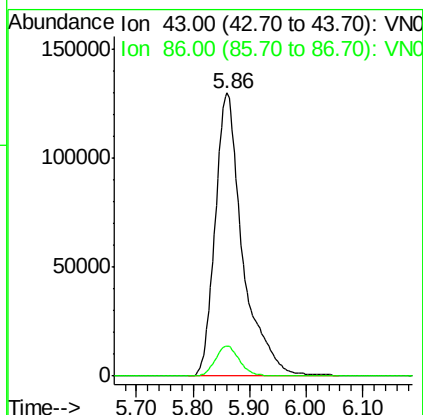
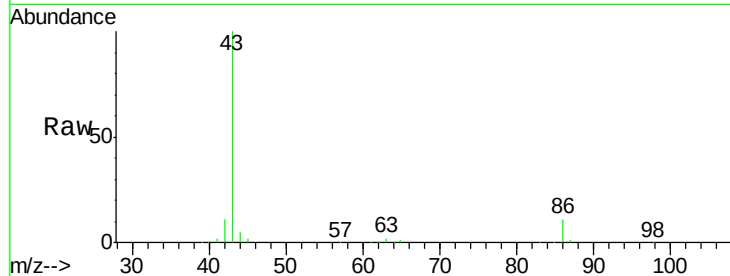




#23
 Vinyl Acetate
 Concen: 98.11 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VN060200.D
 Acq: 24 Feb 2020 11:30

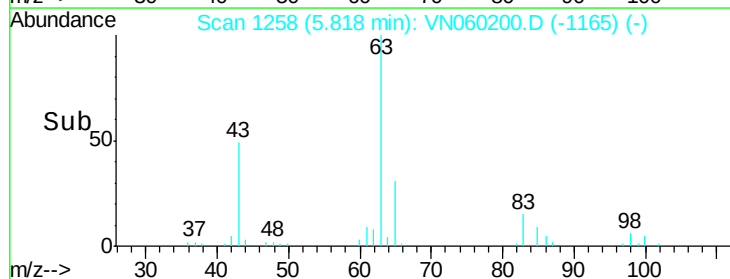
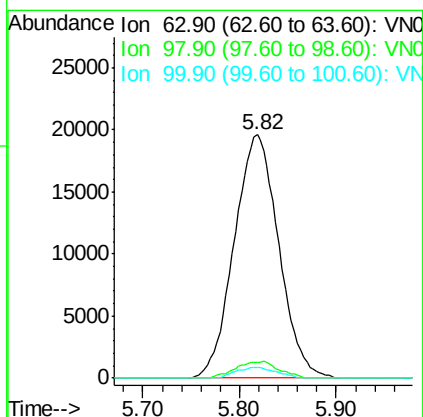
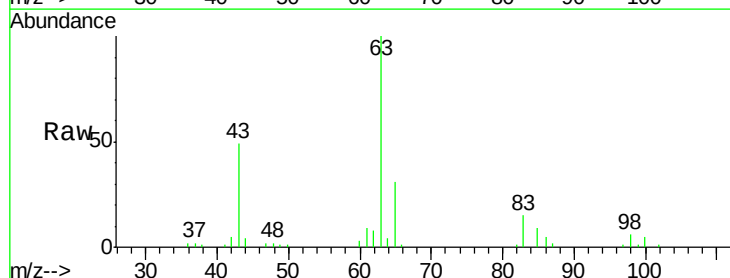
Instrument :
 MSVOA_N
 ClientSampled :
 VN0224WBSD01

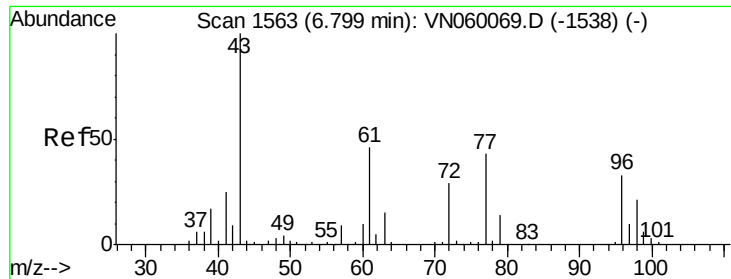
Tgt Ion: 43 Resp: 439216
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 19.39 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: VN060200.D
 Acq: 24 Feb 2020 11:30

Tgt Ion: 63 Resp: 62622
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.5
 100 4.6 2.2 6.6





#25

2-Butanone

Concen: 90.55 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

Instrument :

MSVOA_N

ClientSampled :

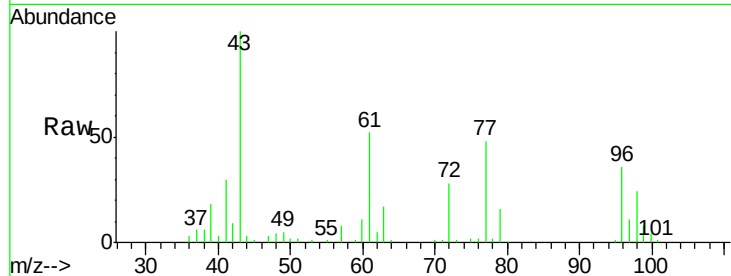
VN0224WBSD01

Tgt Ion: 43 Resp: 105669

Ion Ratio Lower Upper

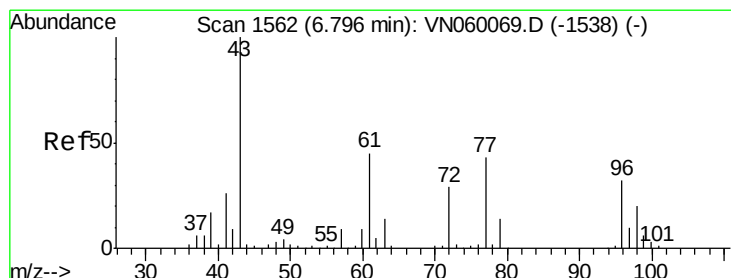
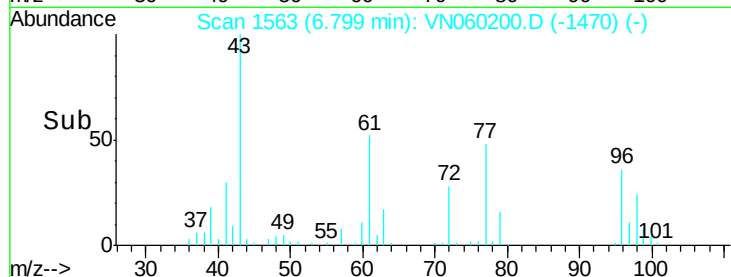
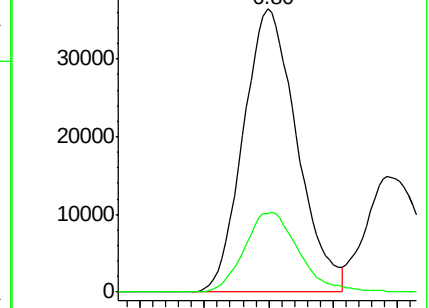
43 100

72 28.0 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 18.70 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060200.D

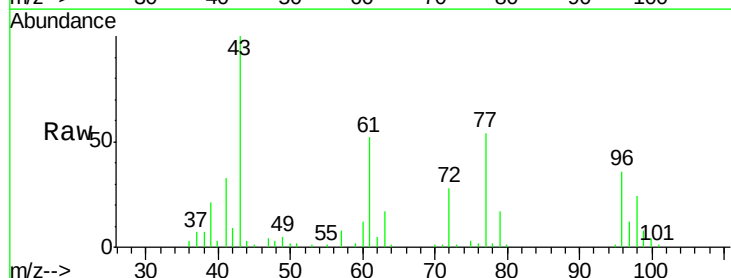
Acq: 24 Feb 2020 11:30

Tgt Ion: 77 Resp: 57367

Ion Ratio Lower Upper

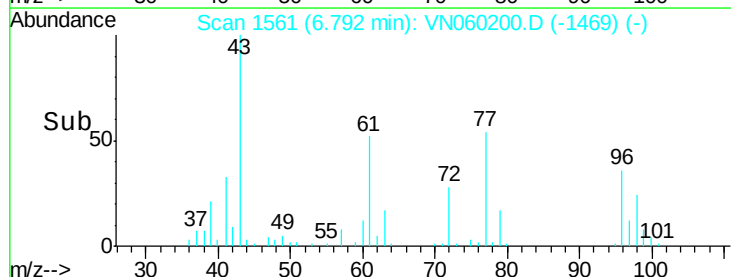
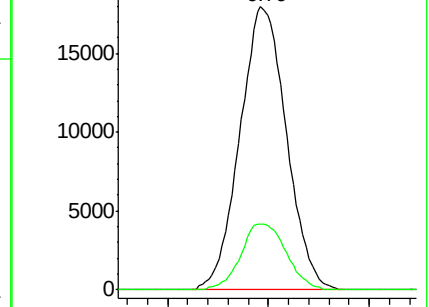
77 100

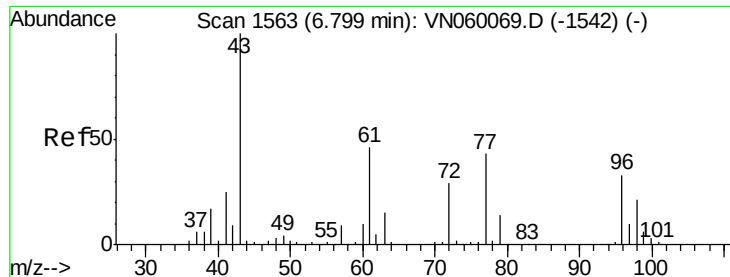
97 22.8 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 18.57 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01

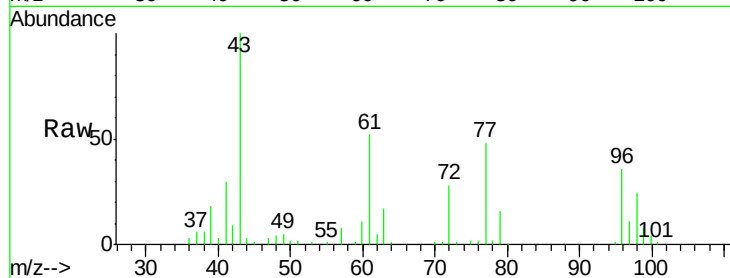
Tgt Ion: 96 Resp: 39149

Ion Ratio Lower Upper

96 100

61 146.0 0.0 285.8

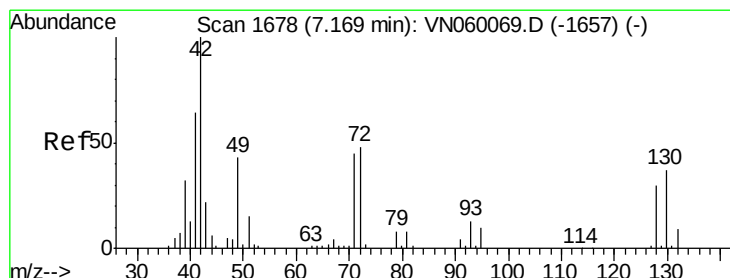
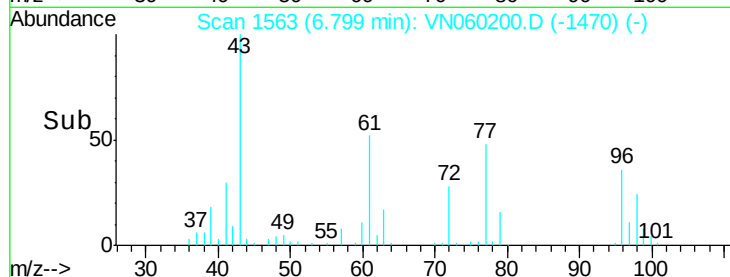
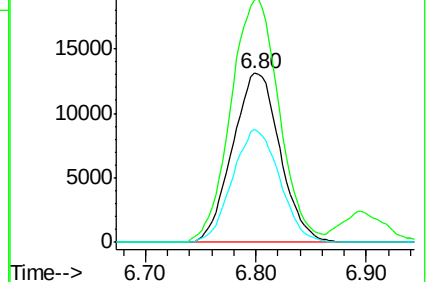
98 66.1 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.77 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

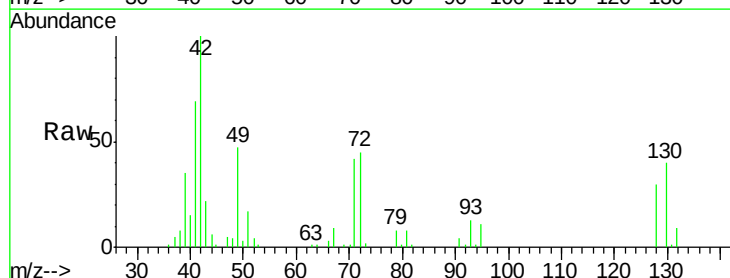
Tgt Ion: 49 Resp: 26377

Ion Ratio Lower Upper

49 100

129 0.3 0.0 2.2

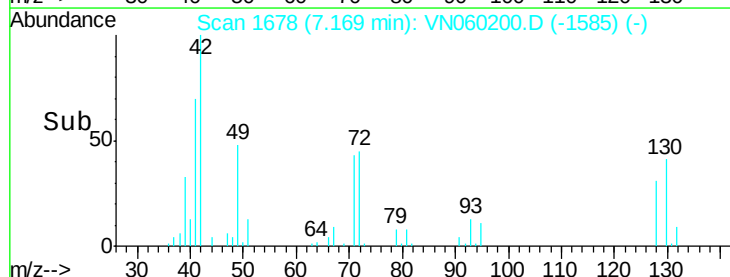
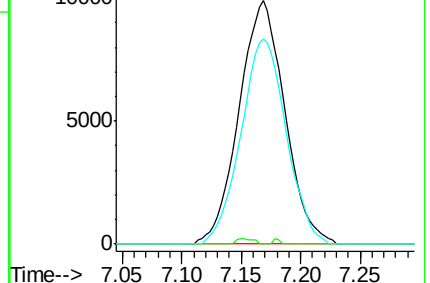
130 83.2 66.8 100.2

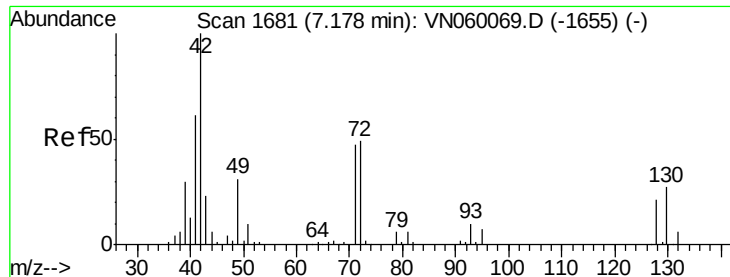


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

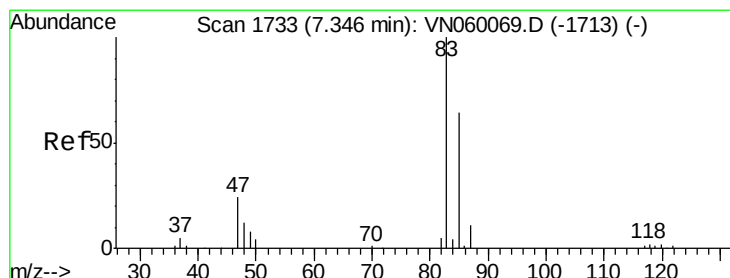
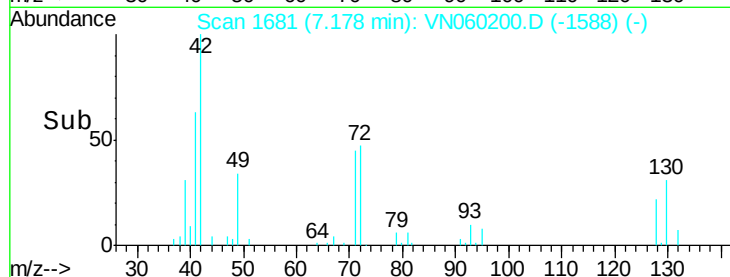
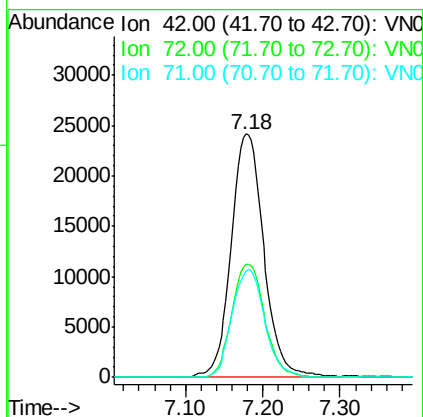
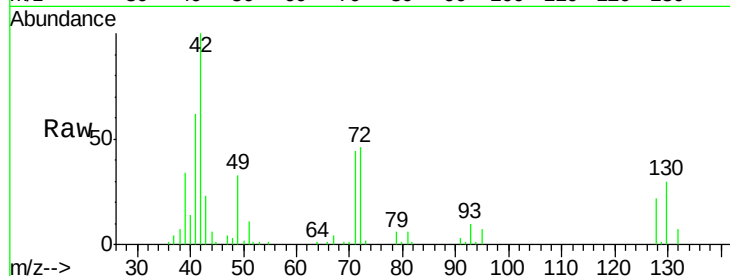




#29
Tetrahydrofuran
Concen: 98.86 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060200.D
Acq: 24 Feb 2020 11:30

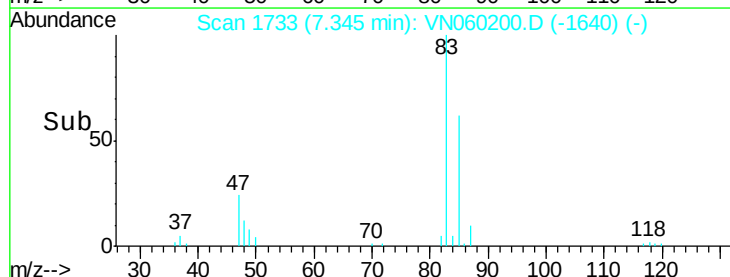
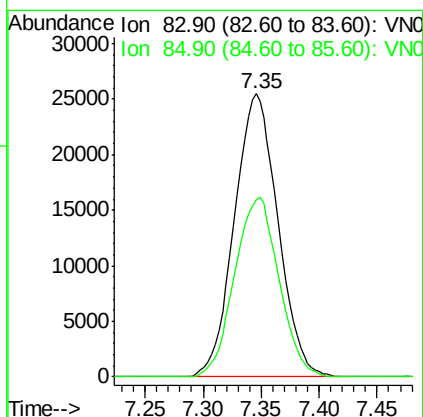
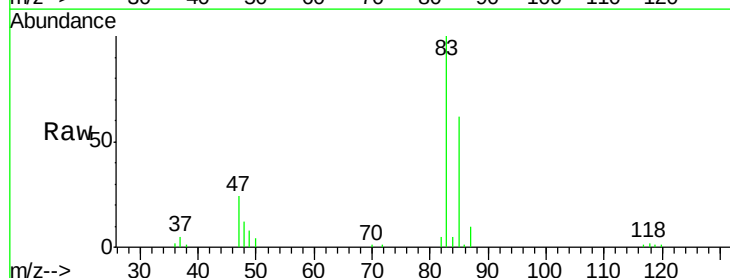
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

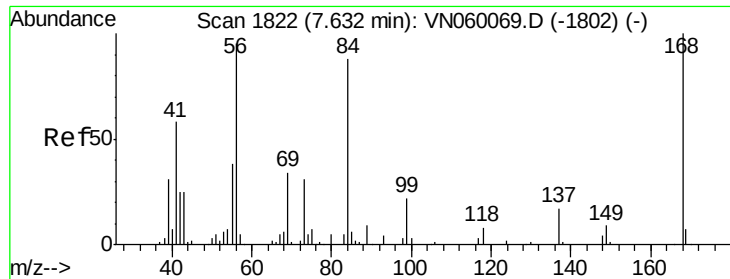
Tgt Ion: 42 Resp: 70770
Ion Ratio Lower Upper
42 100
72 46.7 38.2 57.4
71 44.1 36.6 54.8



#30
Chloroform
Concen: 19.65 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060200.D
Acq: 24 Feb 2020 11:30

Tgt Ion: 83 Resp: 66475
Ion Ratio Lower Upper
83 100
85 62.4 51.4 77.0

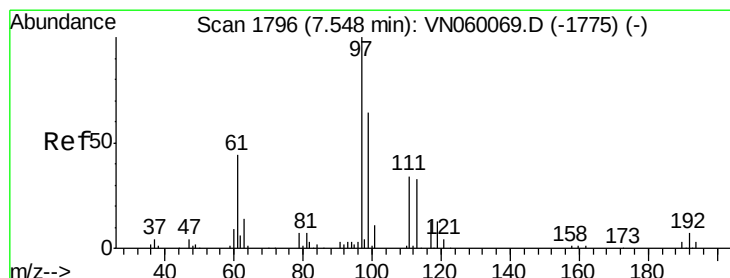
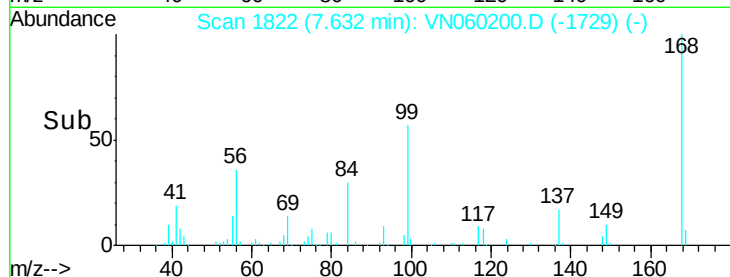
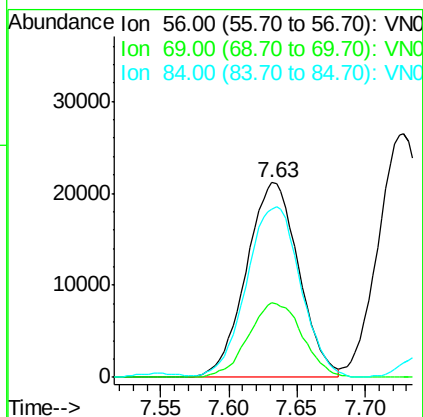
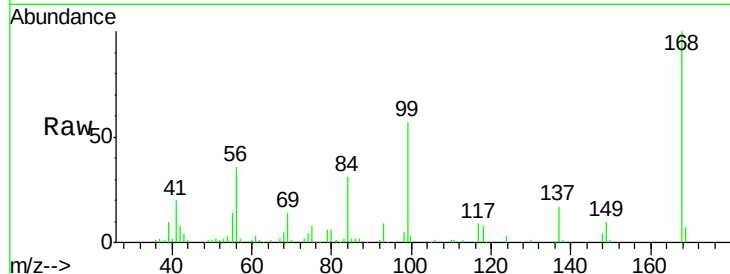




#31
Cyclohexane
Concen: 18.79 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN060200.D
Acq: 24 Feb 2020 11:30

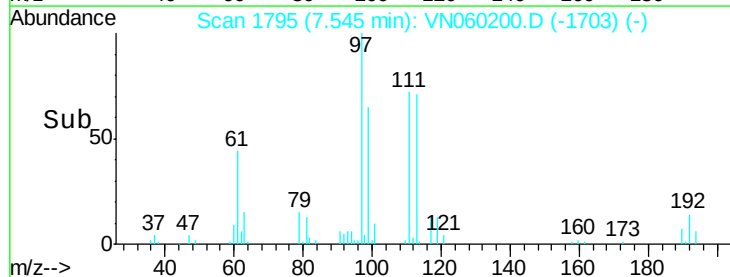
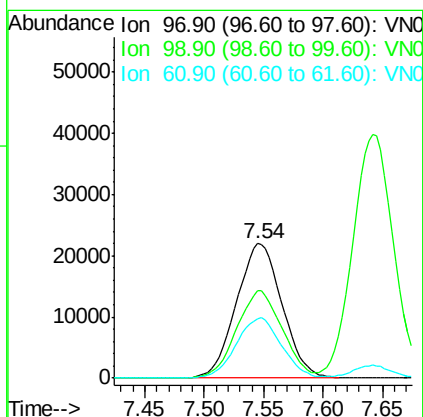
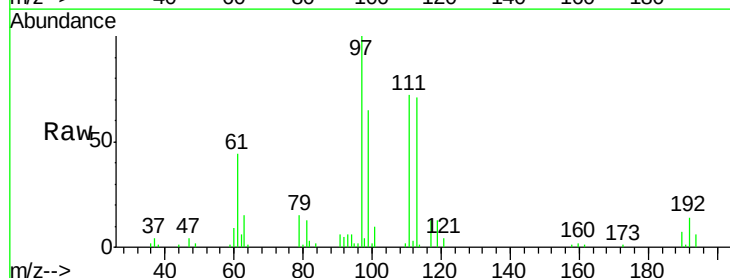
Instrument :
MSVOA_N
ClientSampled :
VN0224WBSD01

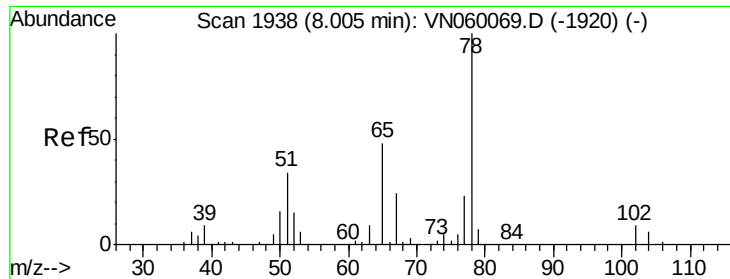
Tgt Ion: 56 Resp: 56543
Ion Ratio Lower Upper
56 100
69 38.2 28.3 42.5
84 85.5 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 18.89 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060200.D
Acq: 24 Feb 2020 11:30

Tgt Ion: 97 Resp: 58390
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.0
61 44.4 34.9 52.3

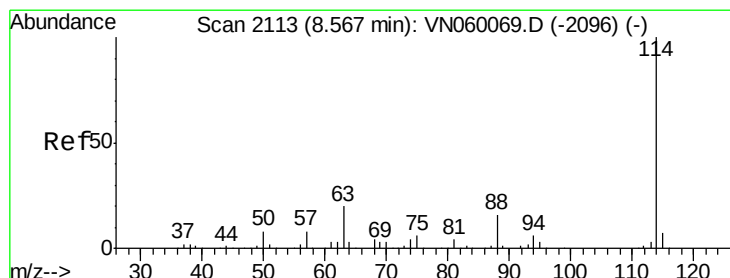
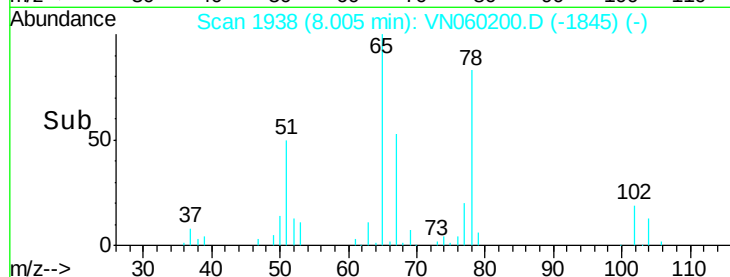
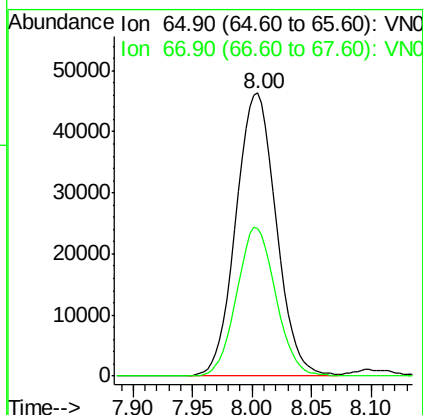
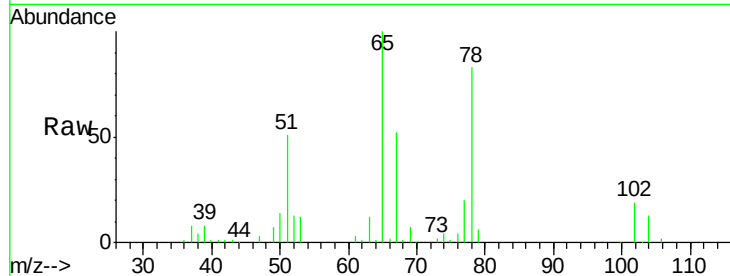




#33
 1,2-Dichloroethane-d4
 Concen: 51.18 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060200.D
 Acq: 24 Feb 2020 11:30

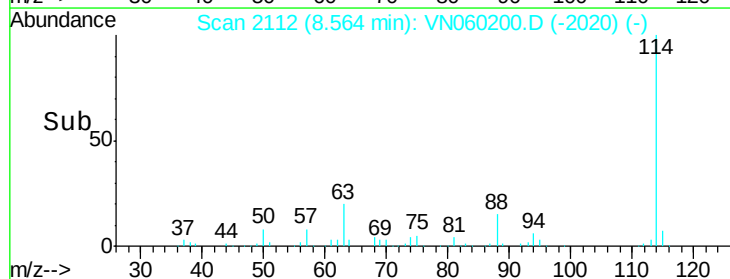
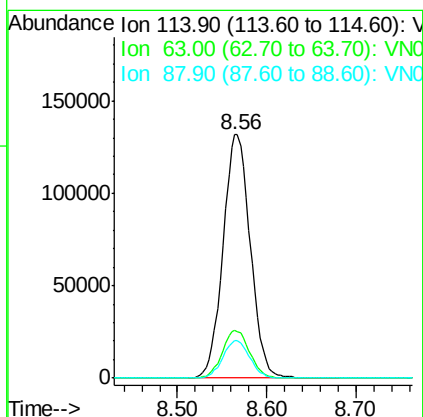
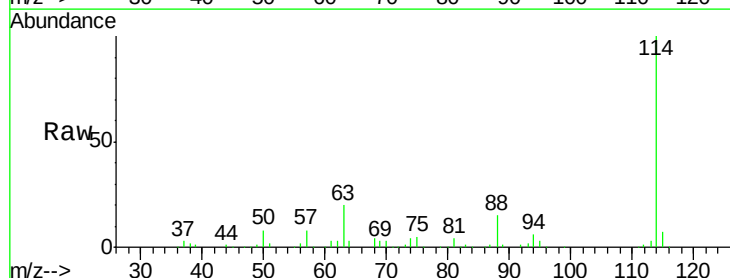
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBSD01

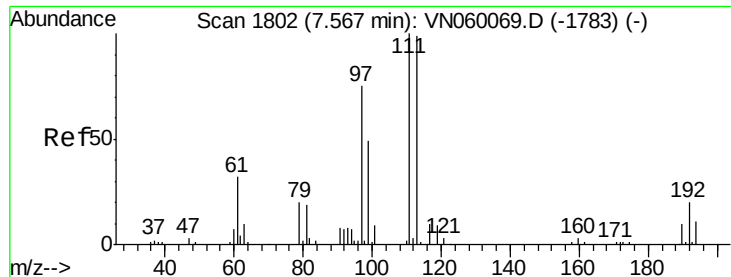
Tgt Ion: 65 Resp: 108874
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060200.D
 Acq: 24 Feb 2020 11:30

Tgt Ion: 114 Resp: 277922
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.4 0.0 31.6

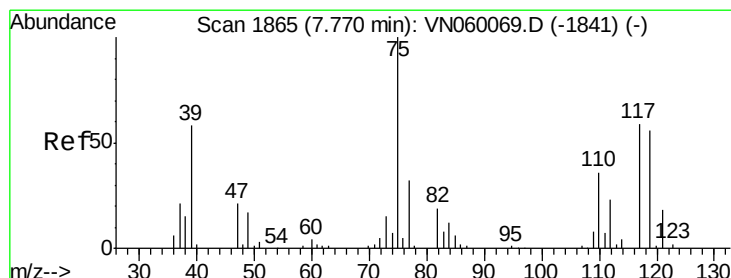
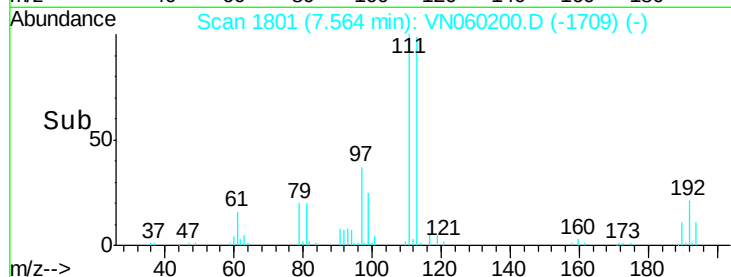
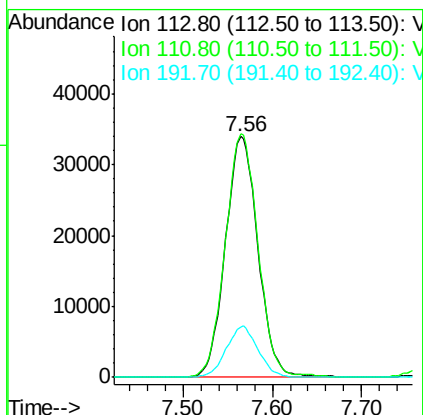
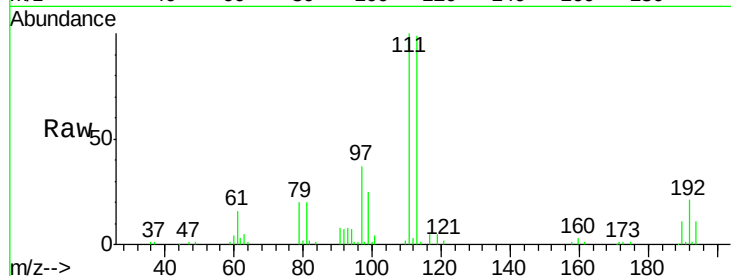




#35
 Dibromofluoromethane
 Concen: 50.24 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060200.D
 Acq: 24 Feb 2020 11:30

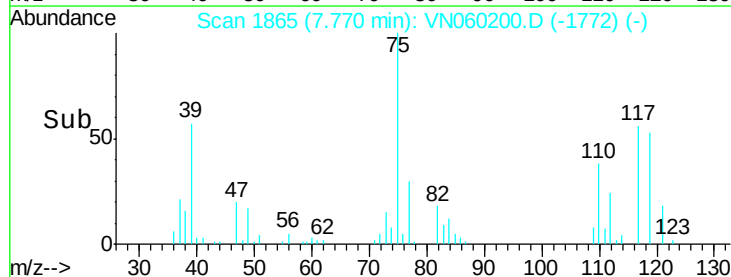
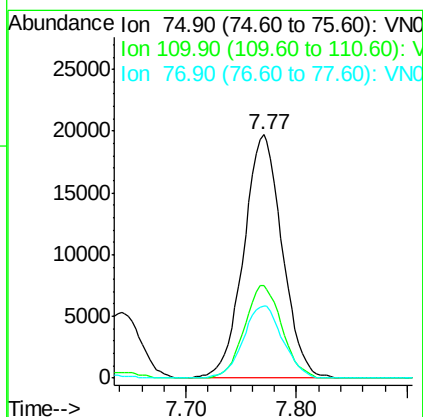
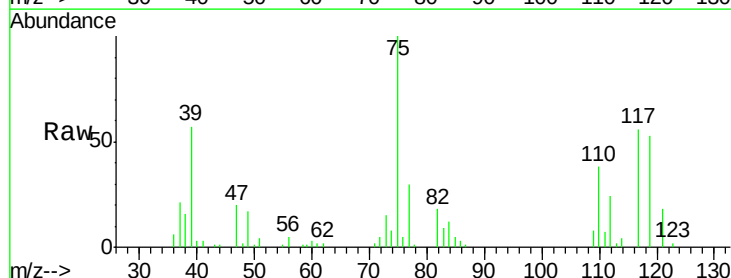
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBSD01

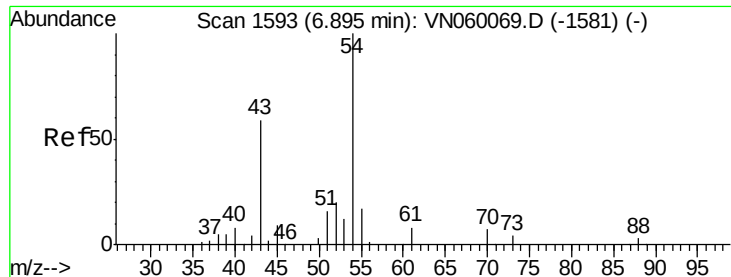
Tgt Ion:113 Resp: 85827
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.4 122.2
 192 20.6 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 18.51 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN060200.D
 Acq: 24 Feb 2020 11:30

Tgt Ion: 75 Resp: 47650
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.1 54.3
 77 30.3 25.1 37.7

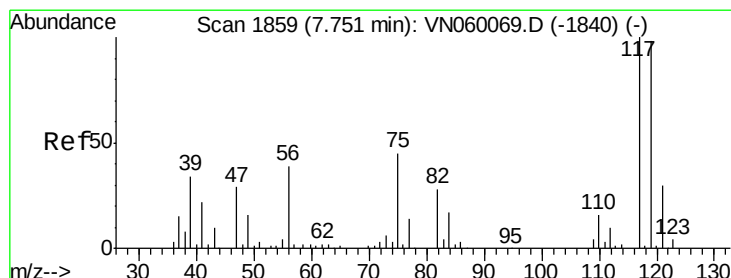
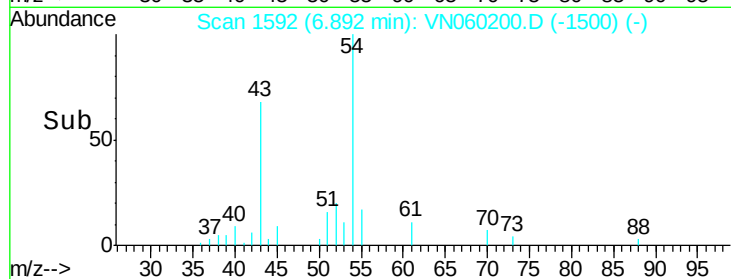
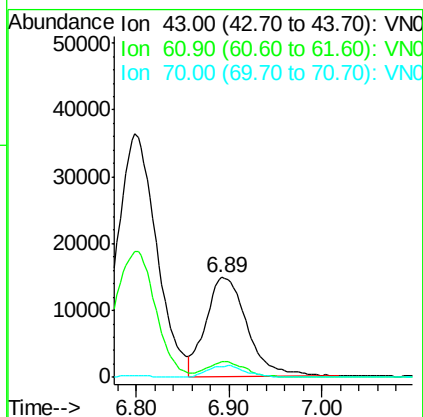
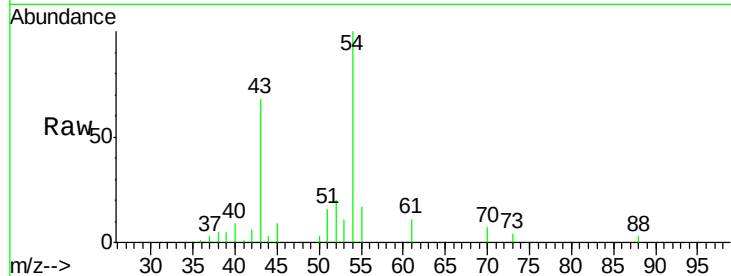




#37
Ethyl Acetate
 Concen: 19.68 ug/l
 RT: 6.89 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: VN060200.D
 Acq: 24 Feb 2020 11:30

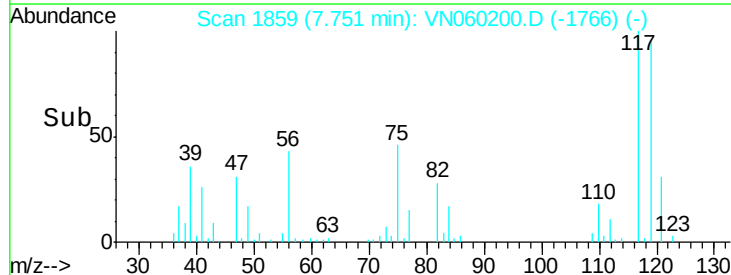
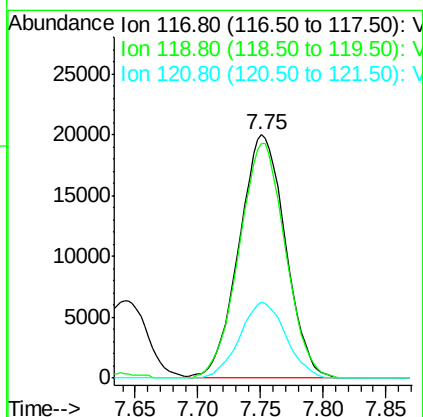
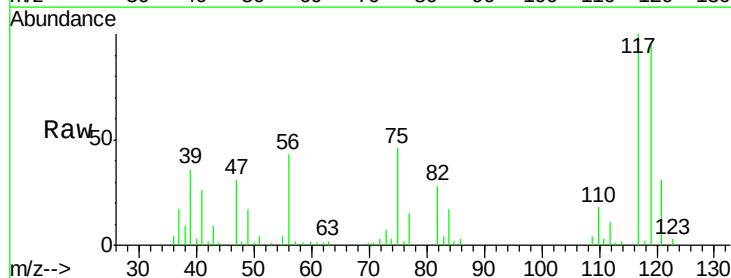
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBSD01

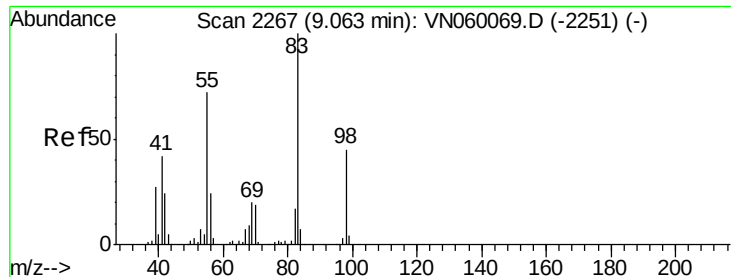
Tgt Ion: 43 Resp: 45778
 Ion Ratio Lower Upper
 43 100
 61 14.9 11.4 17.2
 70 10.5 8.7 13.1



#38
Carbon Tetrachloride
 Concen: 18.41 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN060200.D
 Acq: 24 Feb 2020 11:30

Tgt Ion: 117 Resp: 51458
 Ion Ratio Lower Upper
 117 100
 119 96.4 78.2 117.4
 121 31.1 24.2 36.2

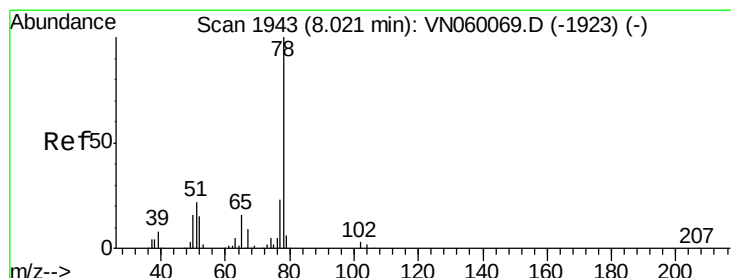
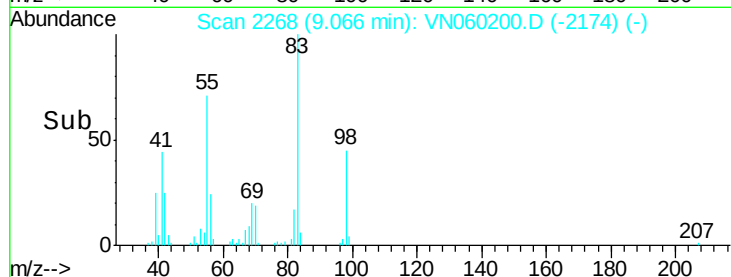
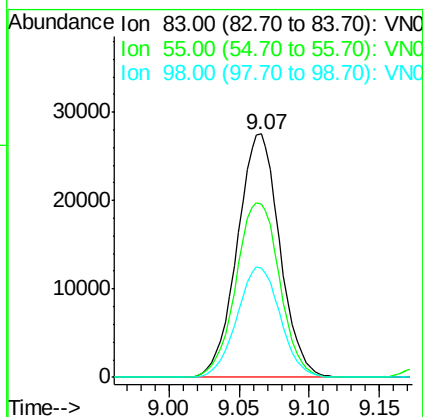
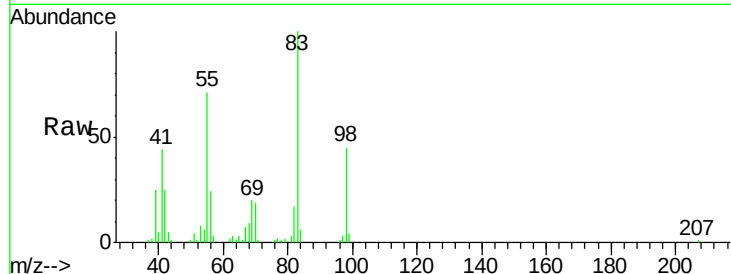




#39
Methylcyclohexane
Concen: 18.15 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN060200.D
Acq: 24 Feb 2020 11:30

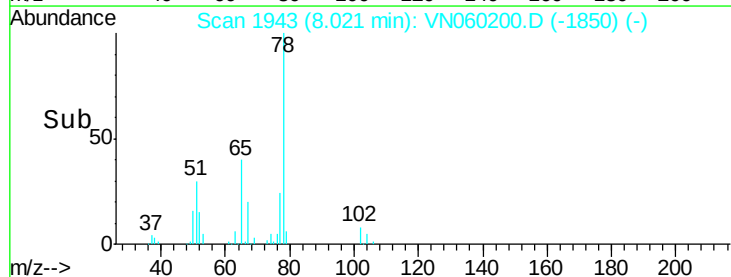
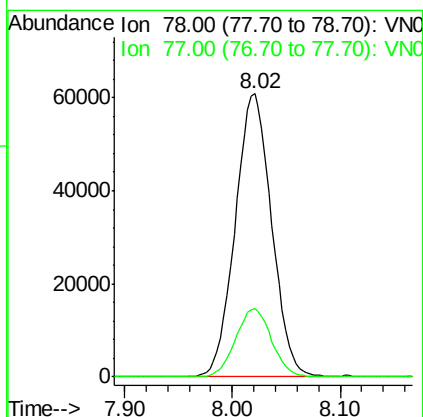
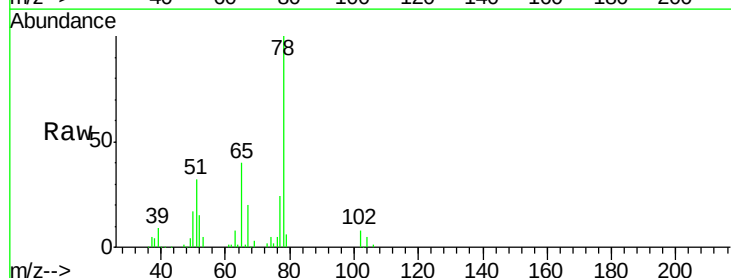
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

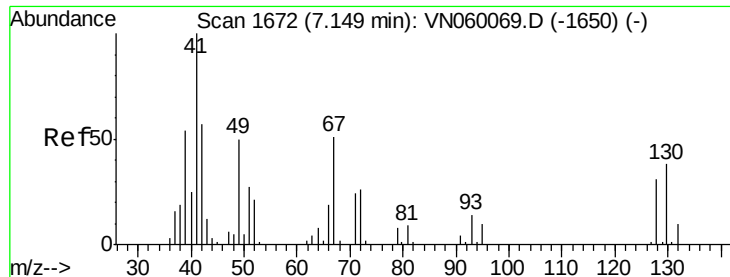
Tgt Ion: 83 Resp: 58010
Ion Ratio Lower Upper
83 100
55 71.3 57.8 86.8
98 45.1 36.4 54.6



#40
Benzene
Concen: 18.71 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060200.D
Acq: 24 Feb 2020 11:30

Tgt Ion: 78 Resp: 142881
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2

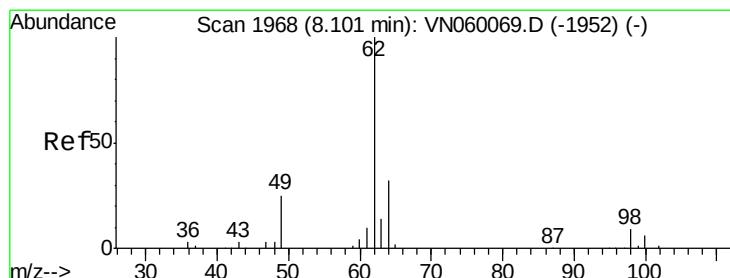
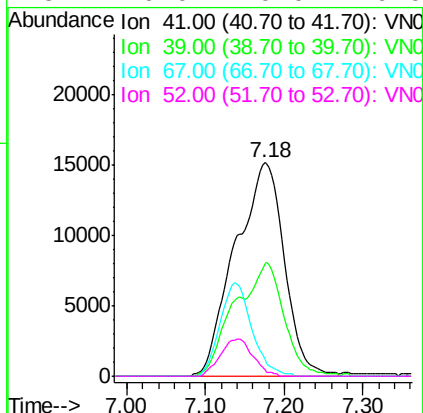
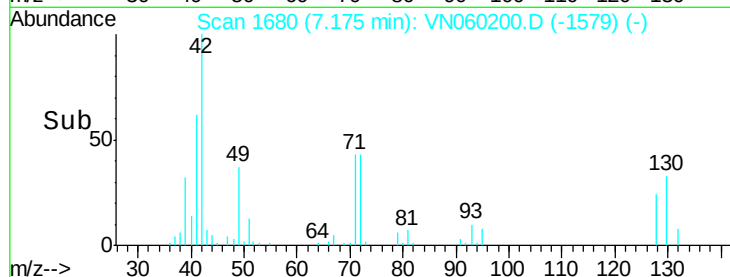
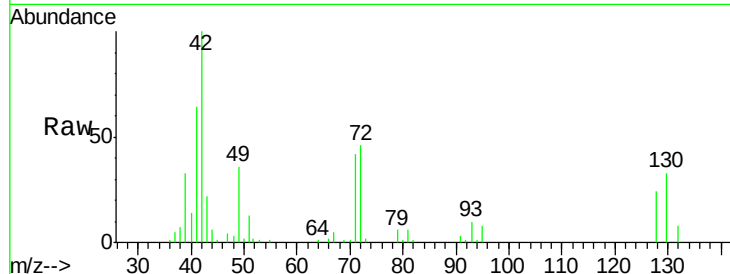




#41
Methacrylonitrile
Concen: 68.10 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060200.D
Acq: 24 Feb 2020 11:30

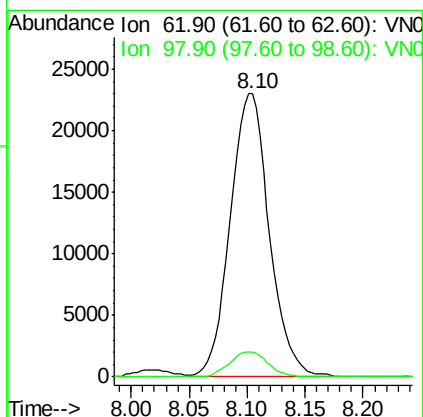
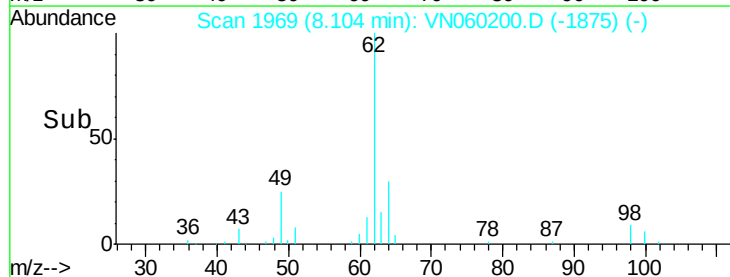
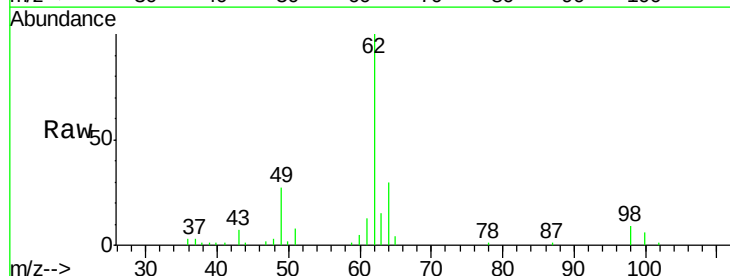
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

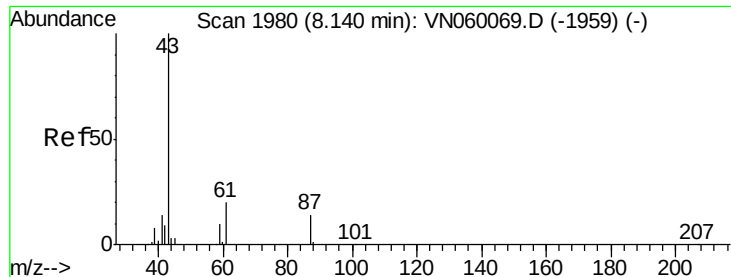
Tgt Ion:	41	Resp:	66446
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.06 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN060200.D
Acq: 24 Feb 2020 11:30

Tgt Ion:	62	Resp:	53693
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.2





#43

Isopropyl Acetate

Concen: 19.74 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01

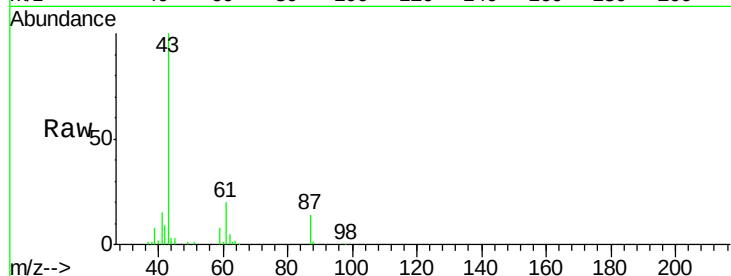
Tgt Ion: 43 Resp: 78507

Ion Ratio Lower Upper

43 100

61 26.9 21.8 32.6

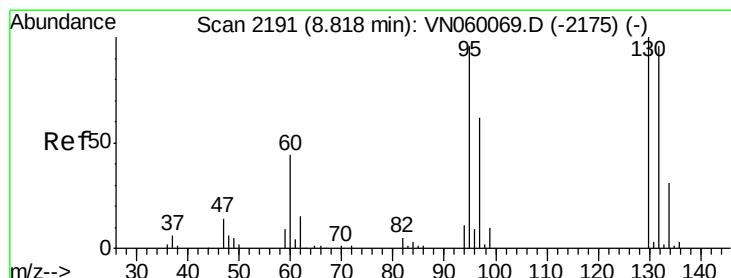
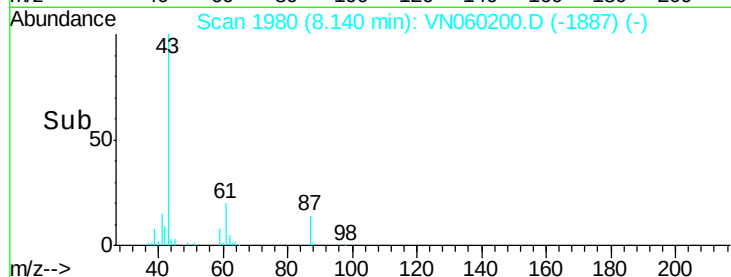
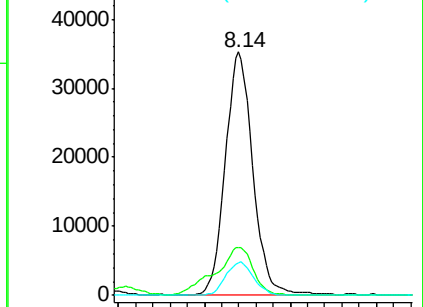
87 13.7 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060069.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060069.D (-1959) (-)



#44

Trichloroethene

Concen: 18.45 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060200.D

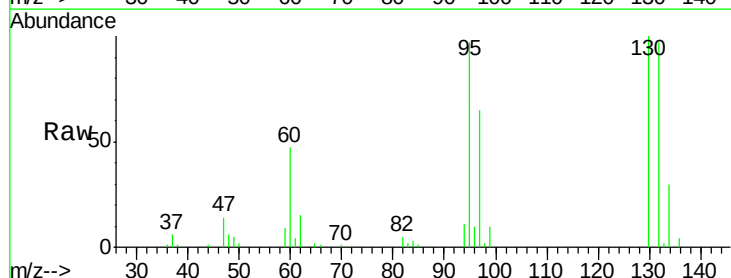
Acq: 24 Feb 2020 11:30

Tgt Ion: 130 Resp: 39018

Ion Ratio Lower Upper

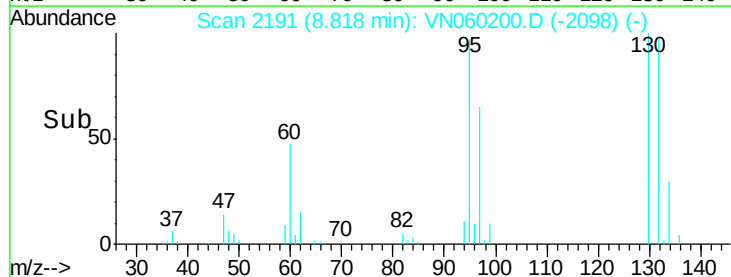
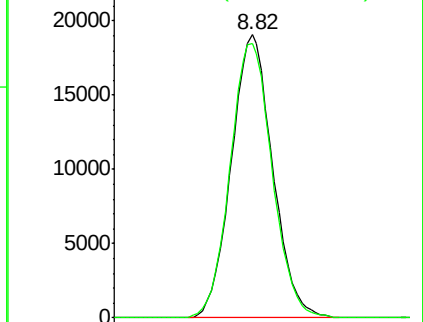
130 100

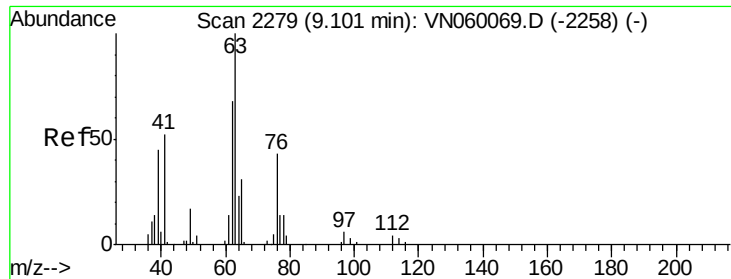
95 97.0 0.0 192.4



Abundance Ion 129.80 (129.50 to 130.50): VN060069.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN060069.D (-2175) (-)

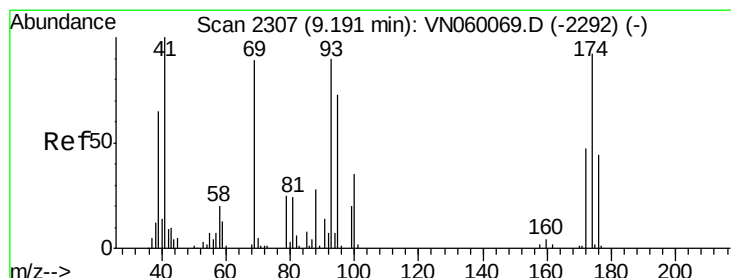
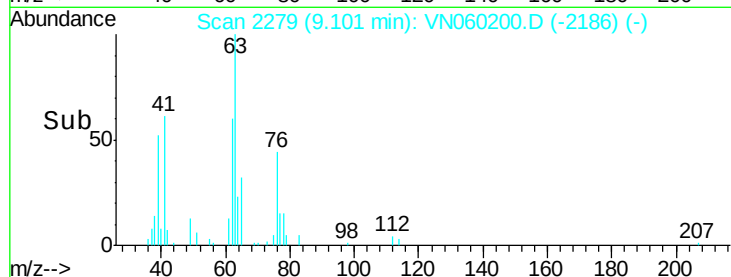
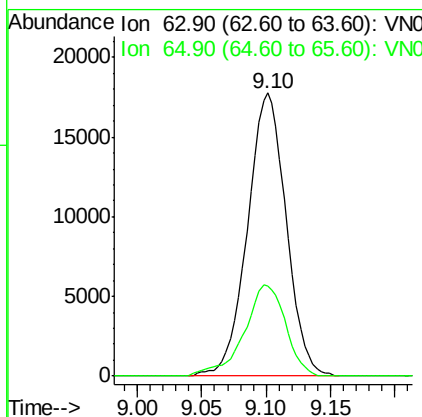
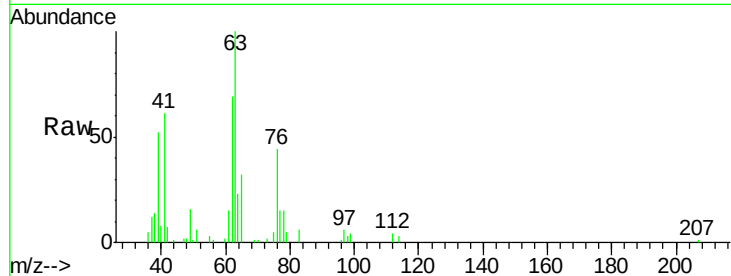




#45
 1,2-Dichloropropane
 Concen: 19.64 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060200.D
 Acq: 24 Feb 2020 11:30

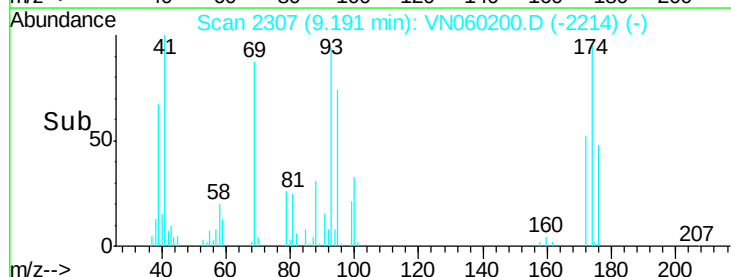
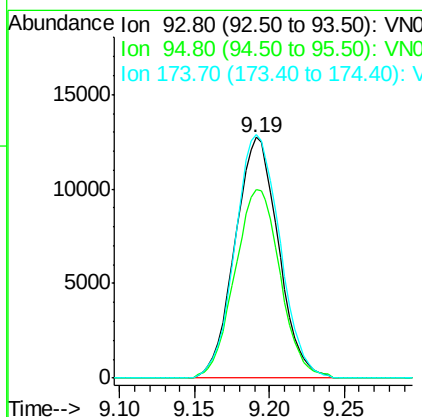
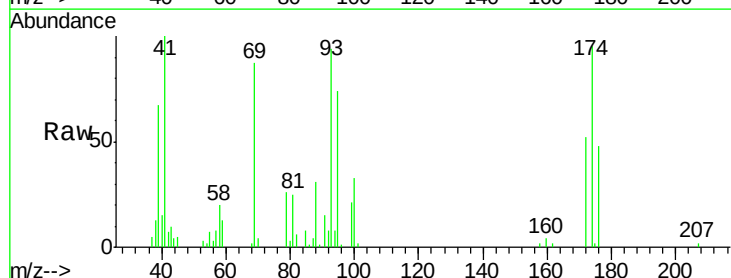
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBSD01

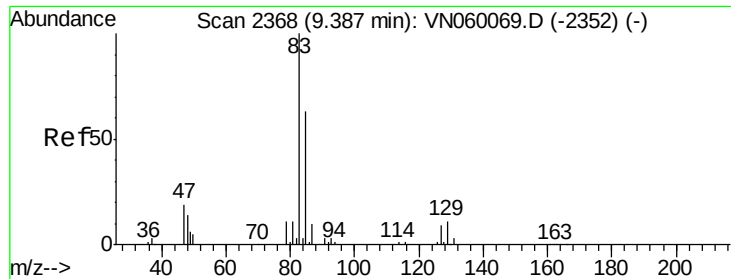
Tgt Ion: 63 Resp: 37123
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.0 37.4



#46
 Dibromomethane
 Concen: 19.27 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060200.D
 Acq: 24 Feb 2020 11:30

Tgt Ion: 93 Resp: 25743
 Ion Ratio Lower Upper
 93 100
 95 81.6 65.0 97.6
 174 103.9 82.3 123.5

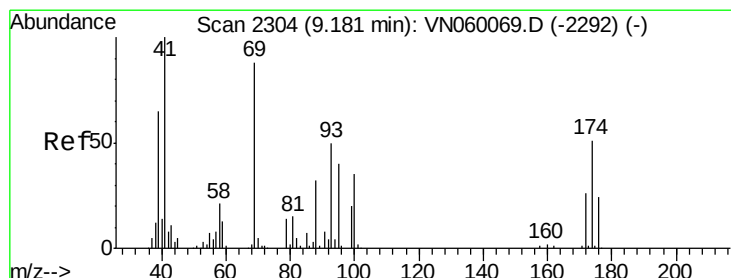
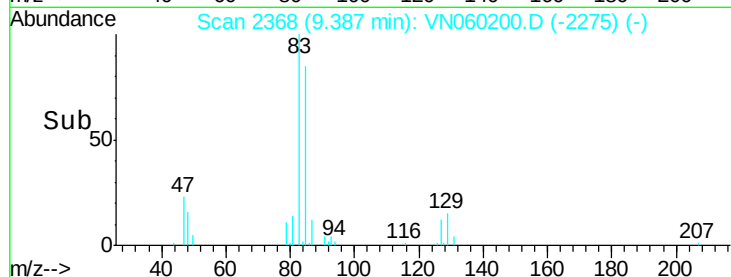
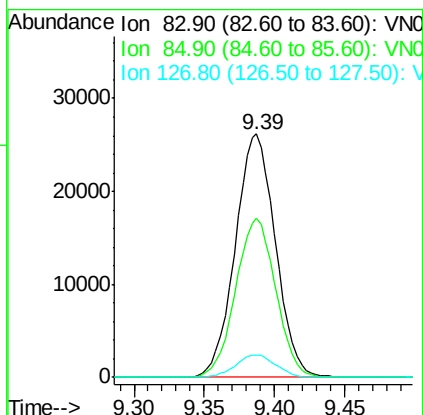
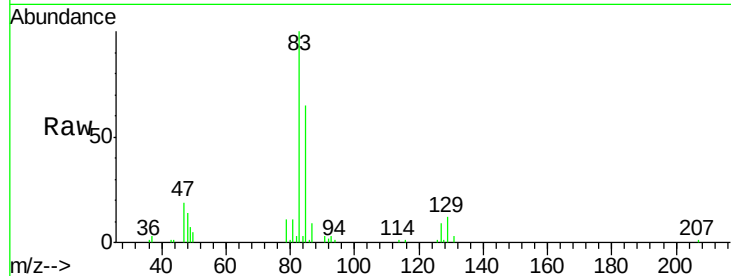




#47
 Bromodichloromethane
 Concen: 19.19 ug/l
 RT: 9.39 min Scan# 2368
 Delta R.T. -0.00 min
 Lab File: VN060200.D
 Acq: 24 Feb 2020 11:30

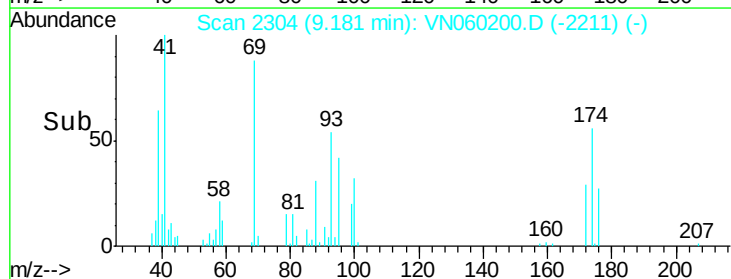
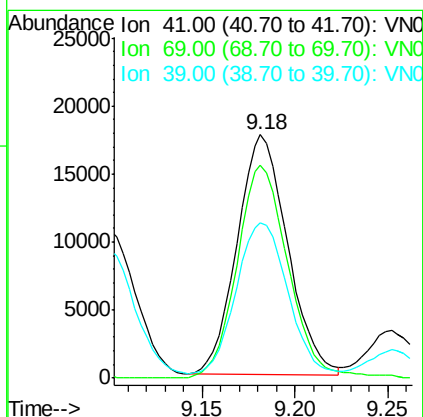
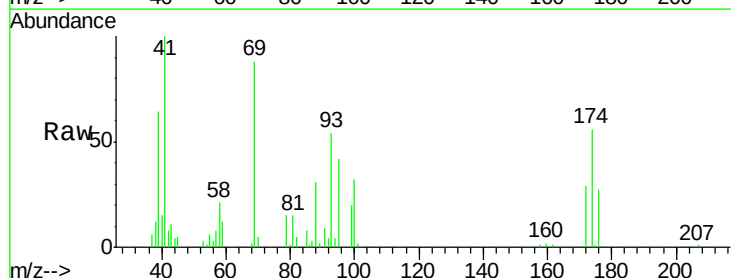
Instrument :
 MSVOA_N
 ClientSampled :
 VN0224WBSD01

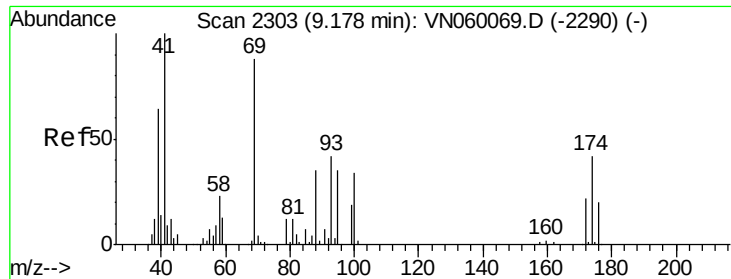
Tgt Ion: 83 Resp: 52123
 Ion Ratio Lower Upper
 83 100
 85 65.4 50.6 75.8
 127 9.1 7.0 10.6



#48
 Methyl methacrylate
 Concen: 18.76 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: VN060200.D
 Acq: 24 Feb 2020 11:30

Tgt Ion: 41 Resp: 33475
 Ion Ratio Lower Upper
 41 100
 69 89.8 72.0 108.0
 39 67.9 54.1 81.1

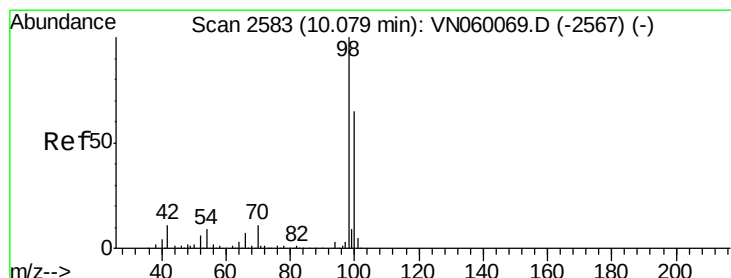
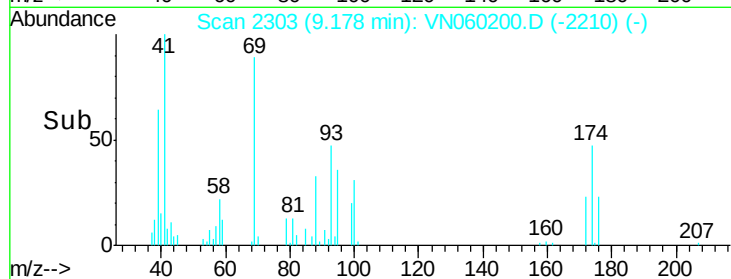
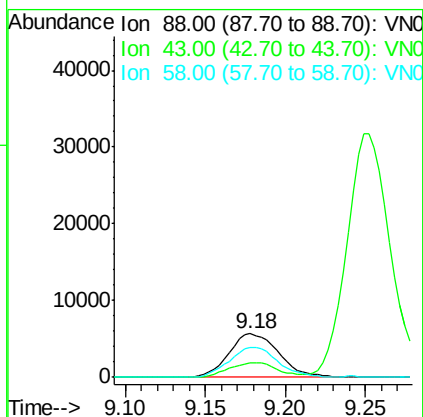
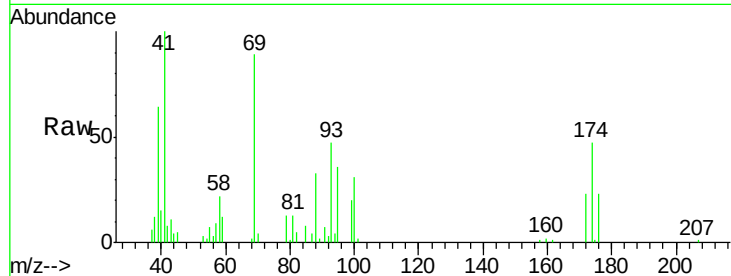




#49
 1,4-Dioxane
 Concen: 396.56 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: VN060200.D
 Acq: 24 Feb 2020 11:30

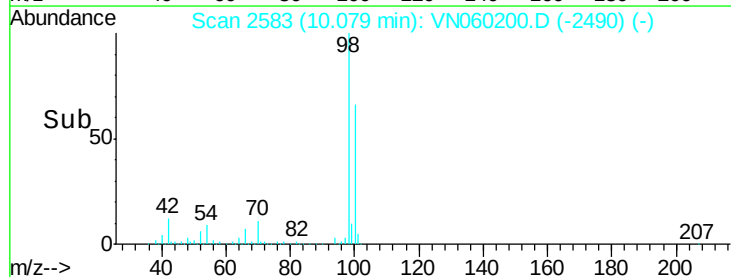
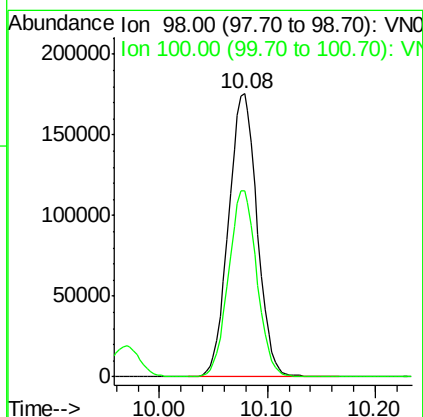
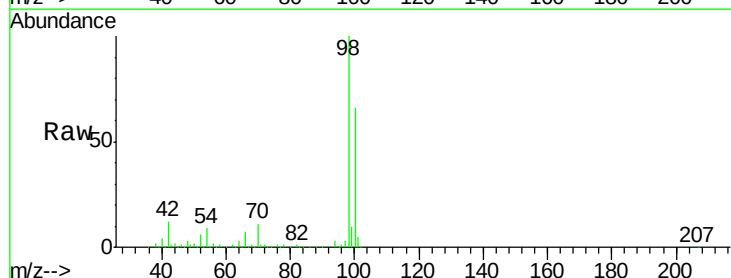
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBSD01

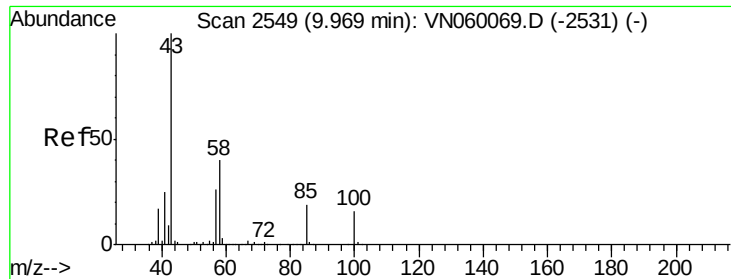
Tgt Ion: 88 Resp: 12090
 Ion Ratio Lower Upper
 88 100
 43 33.6 26.2 39.2
 58 66.7 53.2 79.8



#50
 Toluene-d8
 Concen: 48.30 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: VN060200.D
 Acq: 24 Feb 2020 11:30

Tgt Ion: 98 Resp: 324930
 Ion Ratio Lower Upper
 98 100
 100 65.3 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 97.29 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

Instrument :

MSVOA_N

ClientSampled :

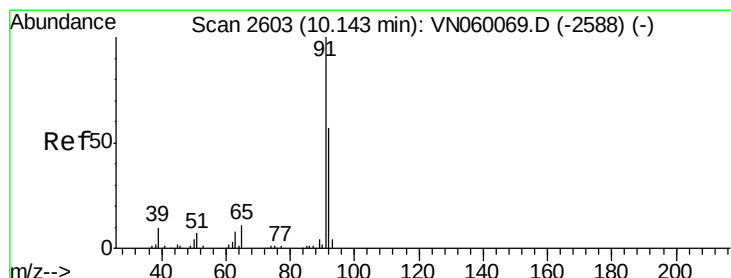
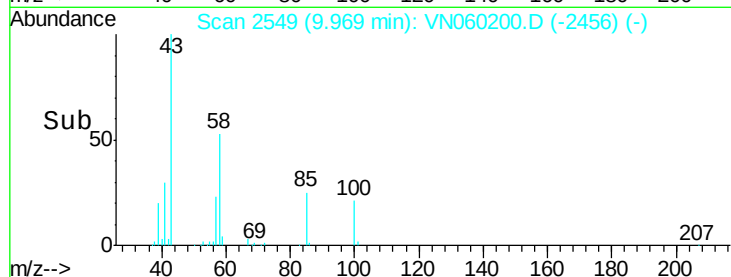
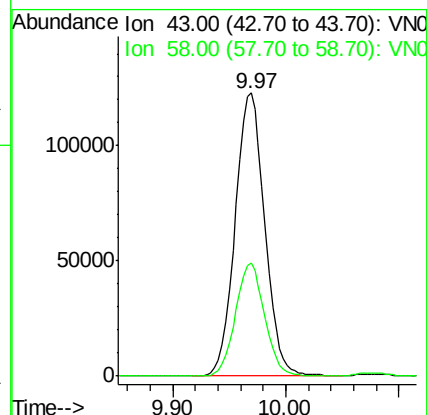
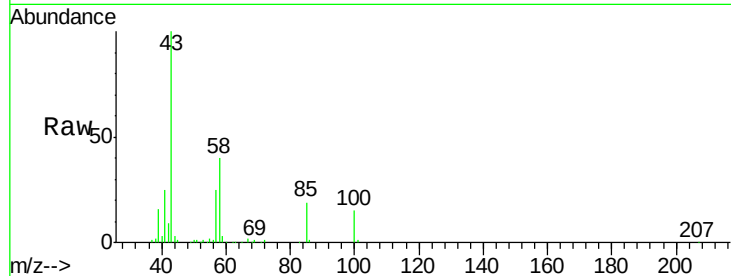
VN0224WBSD01

Tgt Ion: 43 Resp: 223965

Ion Ratio Lower Upper

43 100

58 39.3 31.8 47.8



#52

Toluene

Concen: 18.76 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060200.D

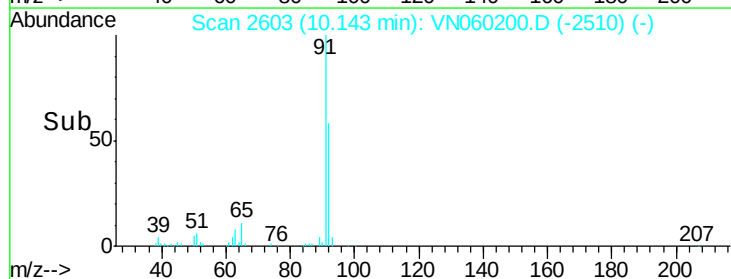
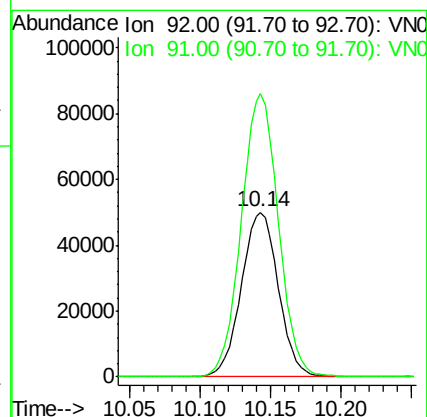
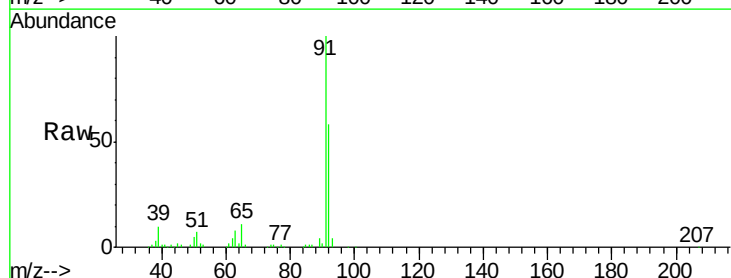
Acq: 24 Feb 2020 11:30

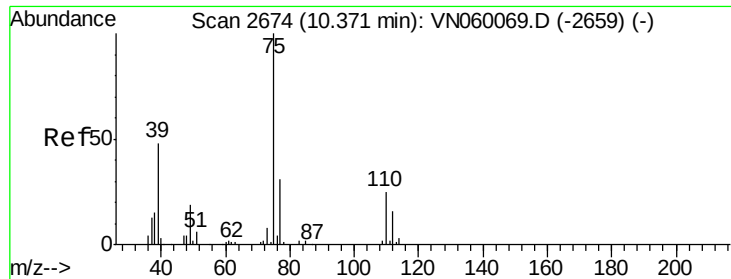
Tgt Ion: 92 Resp: 91867

Ion Ratio Lower Upper

92 100

91 172.4 140.9 211.3

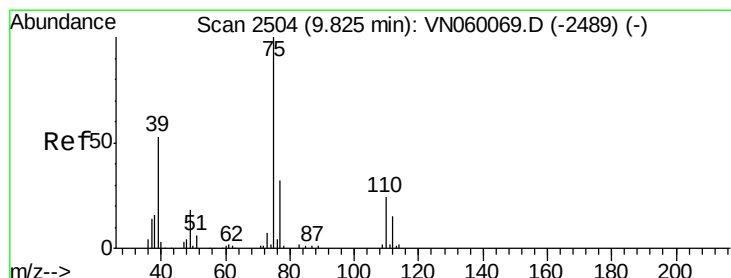
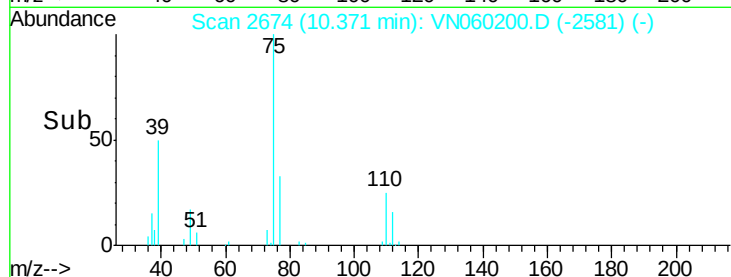
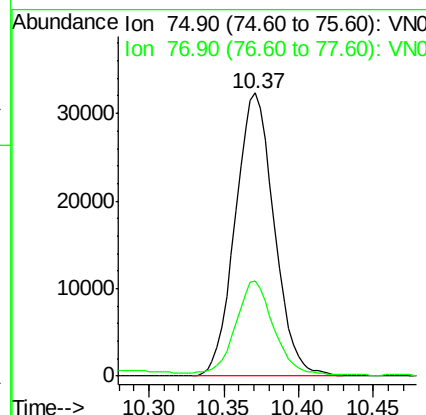
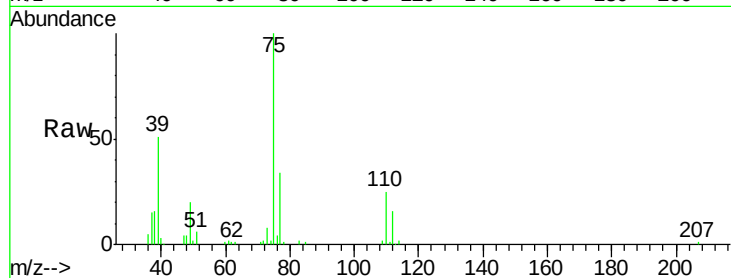




#53
t-1,3-Dichloropropene
Concen: 19.09 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. -0.00 min
Lab File: VN060200.D
Acq: 24 Feb 2020 11:30

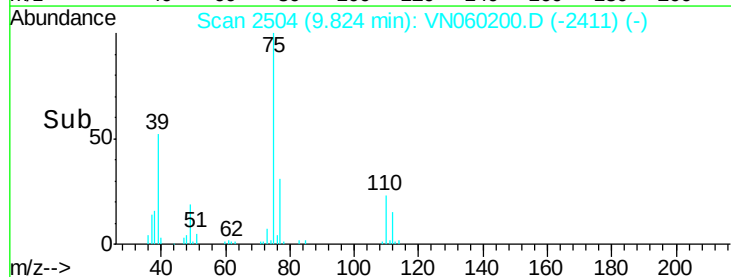
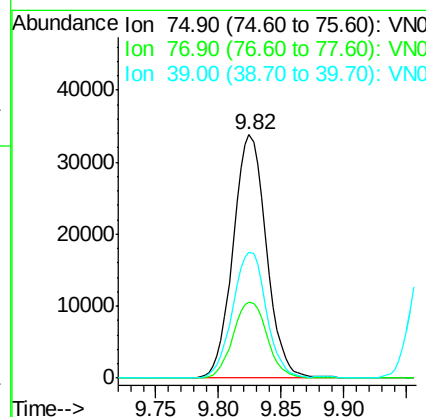
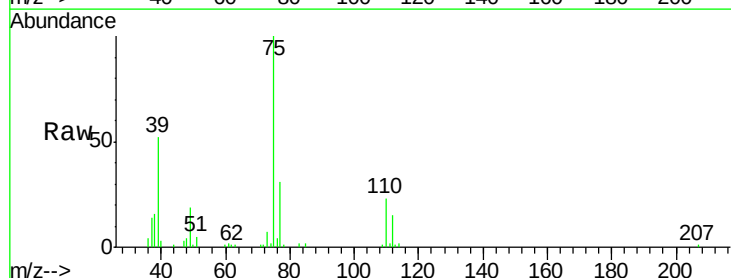
Instrument :
MSVOA_N
ClientSampled :
VN0224WBSD01

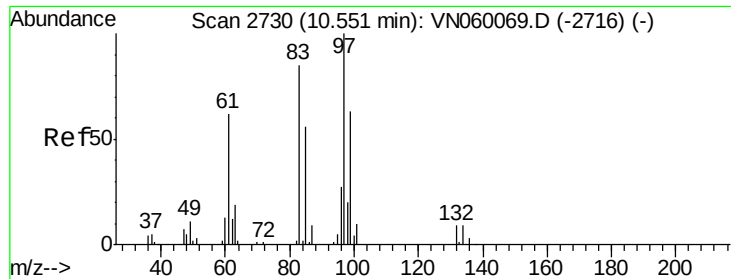
Tgt Ion: 75 Resp: 58535
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 19.30 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. -0.00 min
Lab File: VN060200.D
Acq: 24 Feb 2020 11:30

Tgt Ion: 75 Resp: 62294
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4
39 51.7 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 19.40 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01

Tgt Ion: 97 Resp: 37055

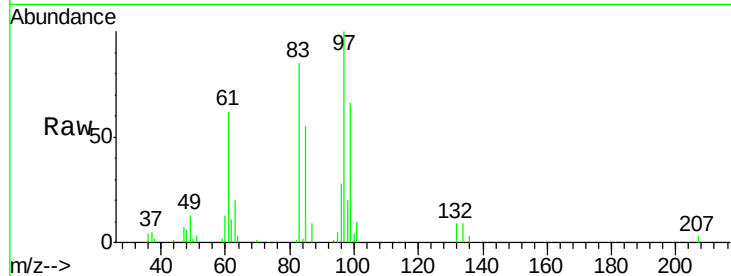
Ion Ratio Lower Upper

97 100

83 85.2 67.9 101.9

85 54.8 44.6 67.0

99 65.6 50.1 75.1

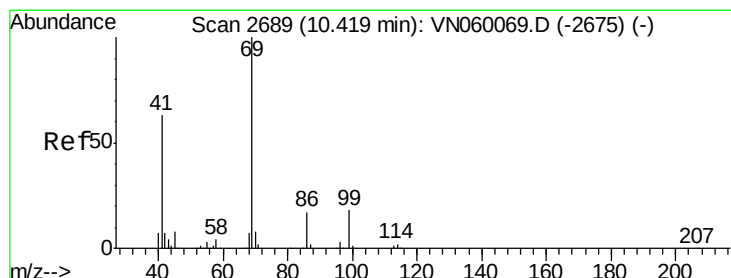
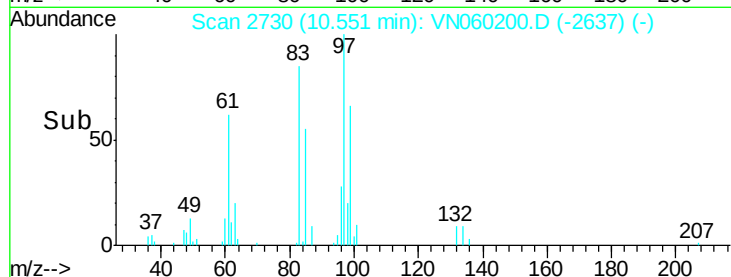
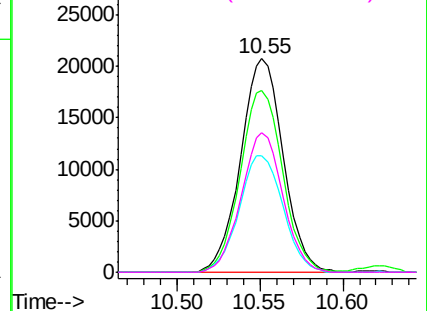


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 18.95 ug/l

RT: 10.42 min Scan# 2689

Delta R.T. -0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

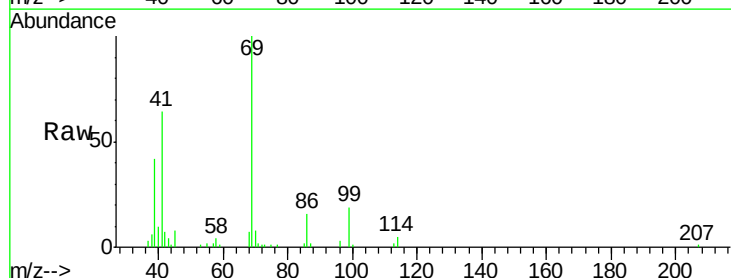
Tgt Ion: 69 Resp: 51203

Ion Ratio Lower Upper

69 100

41 65.5 51.1 76.7

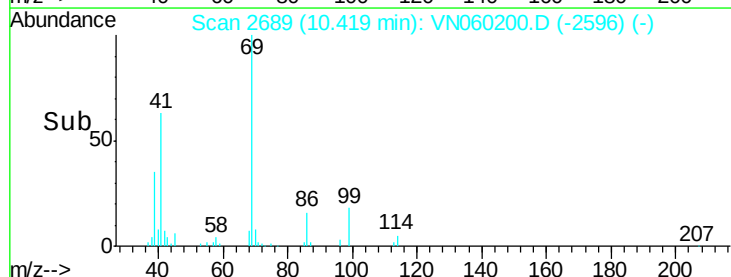
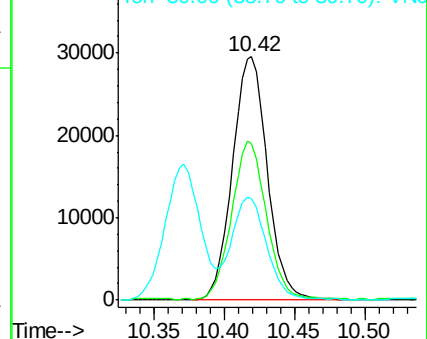
39 42.1 33.8 50.8

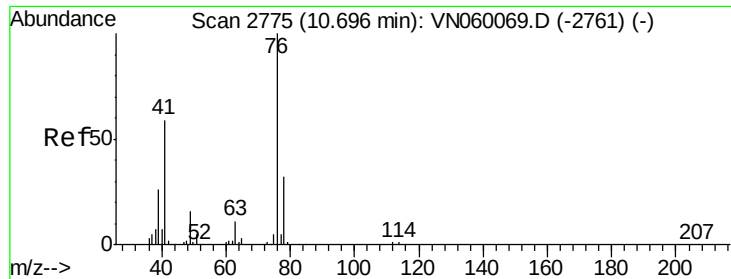


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

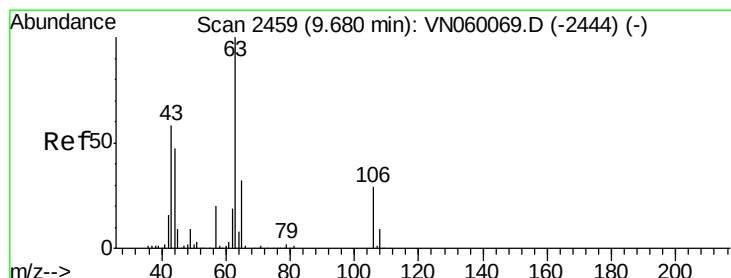
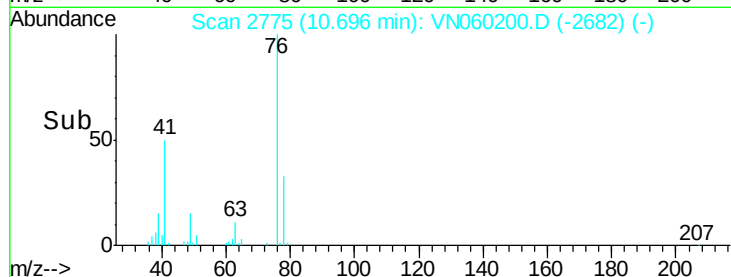
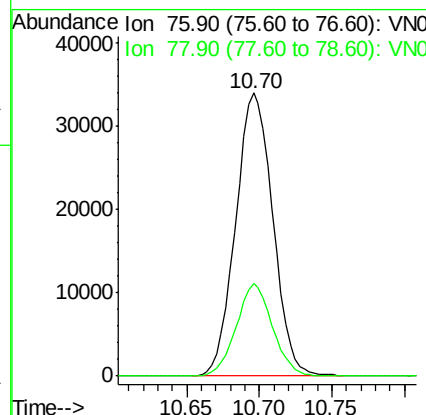
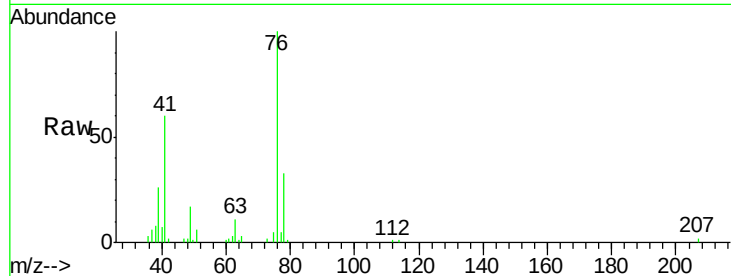




#57
 1,3-Dichloropropane
 Concen: 19.22 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. -0.00 min
 Lab File: VN060200.D
 Acq: 24 Feb 2020 11:30

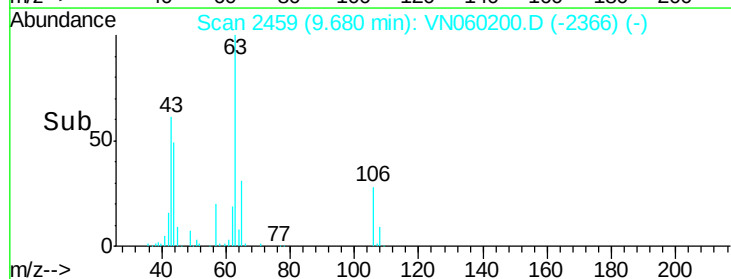
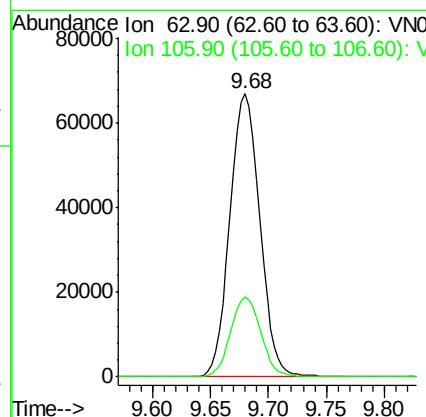
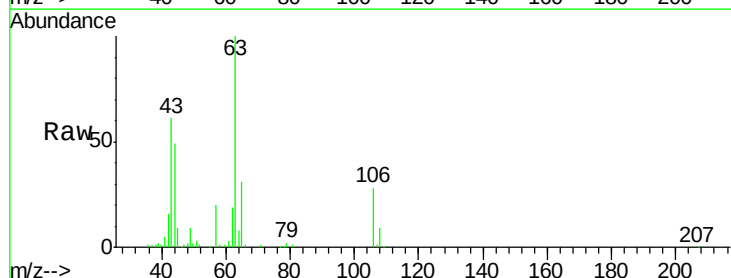
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBSD01

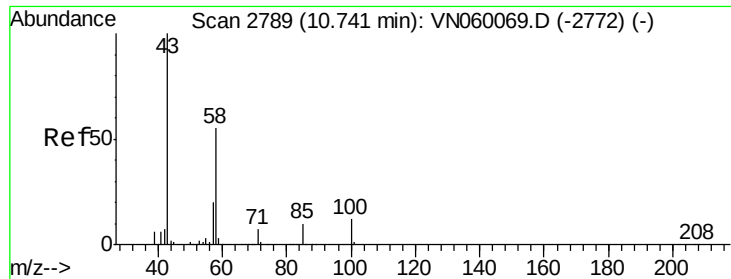
Tgt Ion: 76 Resp: 60597
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.23 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: VN060200.D
 Acq: 24 Feb 2020 11:30

Tgt Ion: 63 Resp: 119894
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.9 34.3

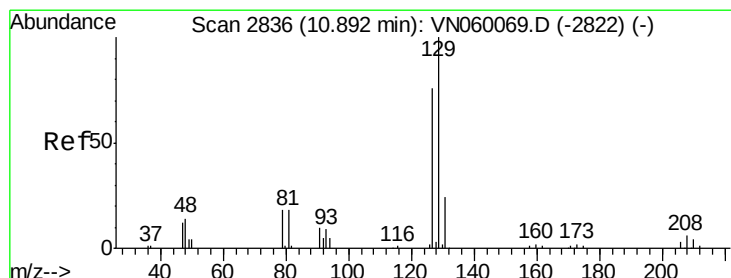
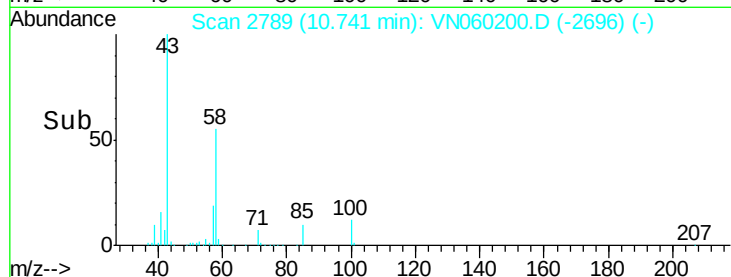
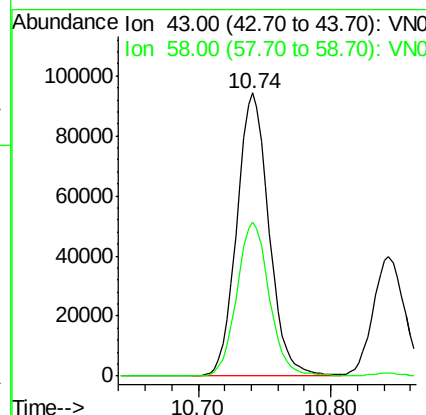
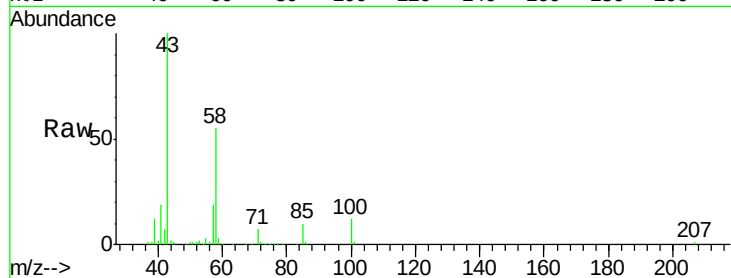




#59
2-Hexanone
Concen: 89.45 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060200.D
Acq: 24 Feb 2020 11:30

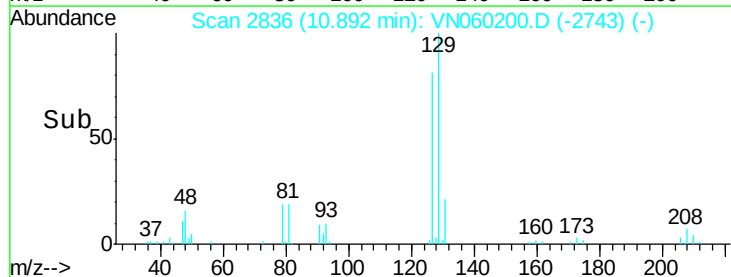
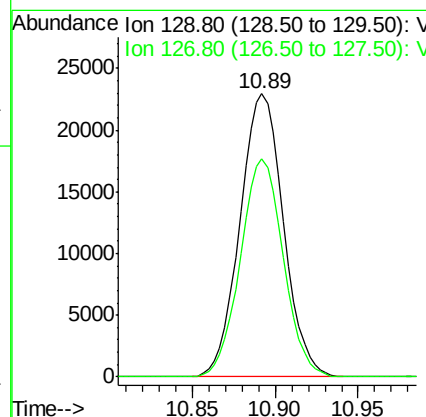
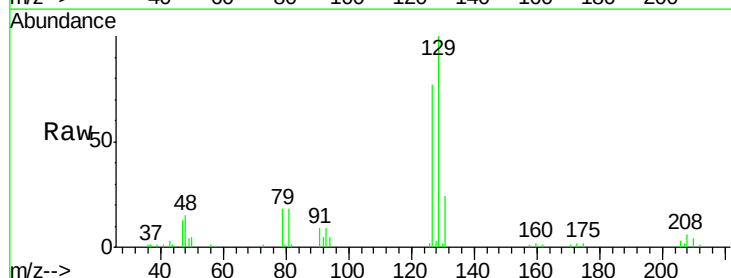
Instrument :
MSVOA_N
ClientSampled :
VN0224WBSD01

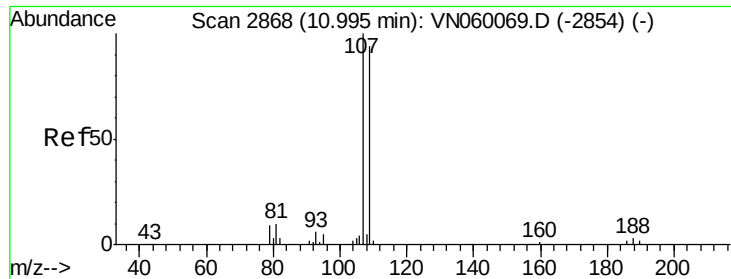
Tgt Ion: 43 Resp: 159058
Ion Ratio Lower Upper
43 100
58 54.8 27.5 82.4



#60
Dibromochloromethane
Concen: 19.09 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060200.D
Acq: 24 Feb 2020 11:30

Tgt Ion: 129 Resp: 41847
Ion Ratio Lower Upper
129 100
127 76.0 38.0 114.1

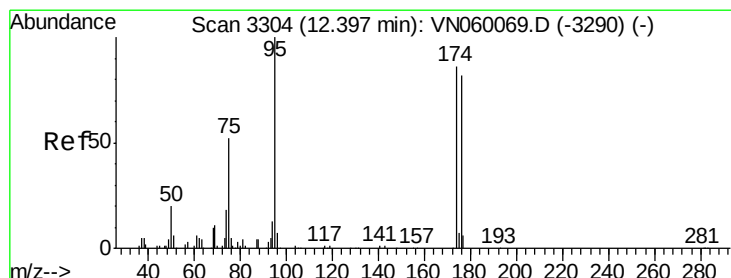
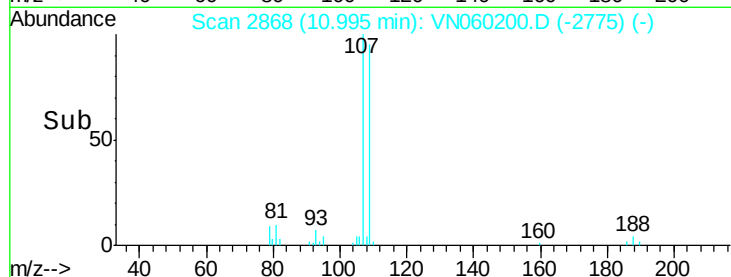
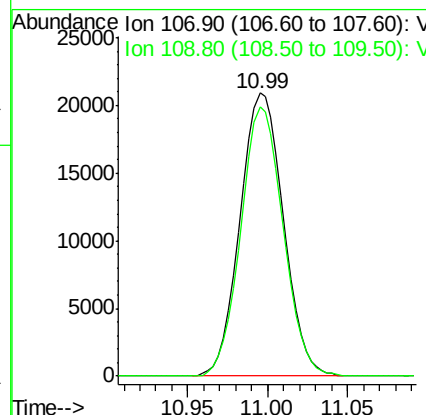
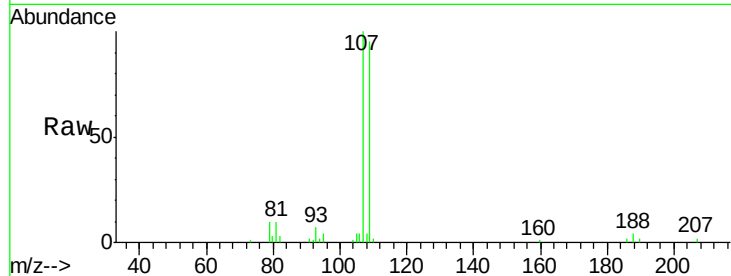




#61
 1,2-Dibromoethane
 Concen: 19.30 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060200.D
 Acq: 24 Feb 2020 11:30

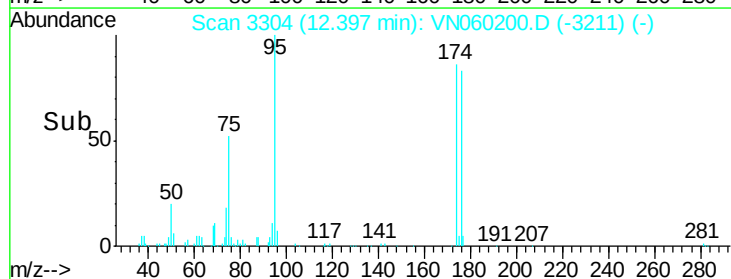
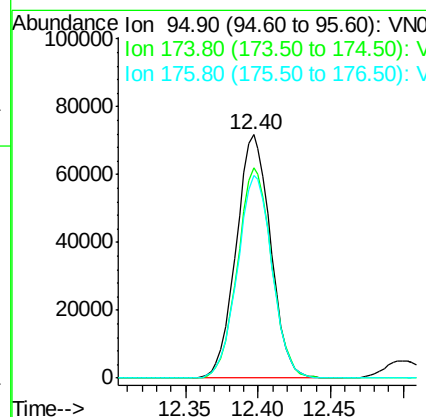
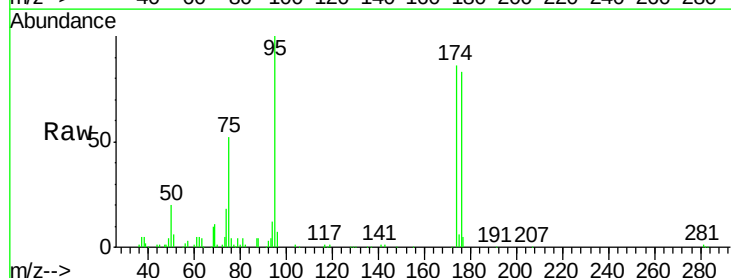
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBSD01

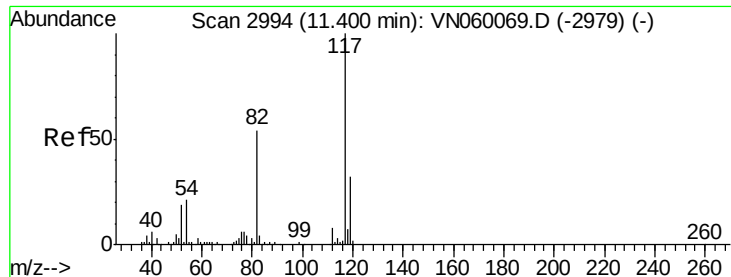
Tgt Ion: 107 Resp: 38642
 Ion Ratio Lower Upper
 107 100
 109 92.9 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 47.81 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060200.D
 Acq: 24 Feb 2020 11:30

Tgt Ion: 95 Resp: 118190
 Ion Ratio Lower Upper
 95 100
 174 85.7 0.0 169.8
 176 83.5 0.0 164.8

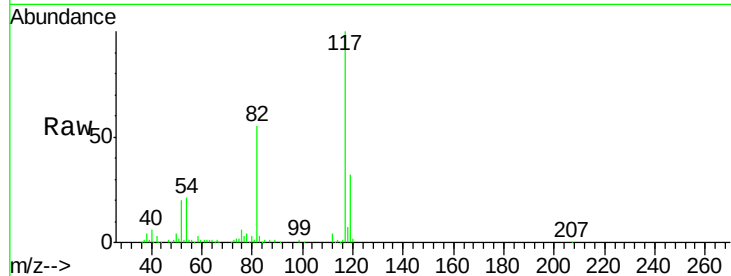




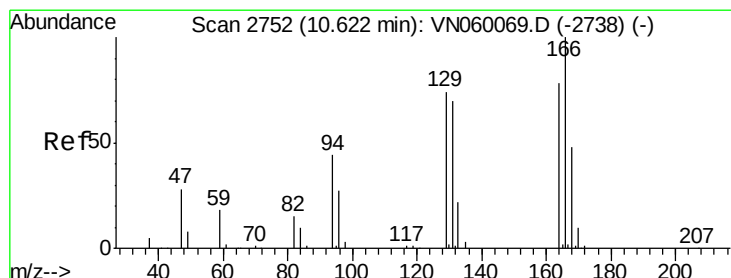
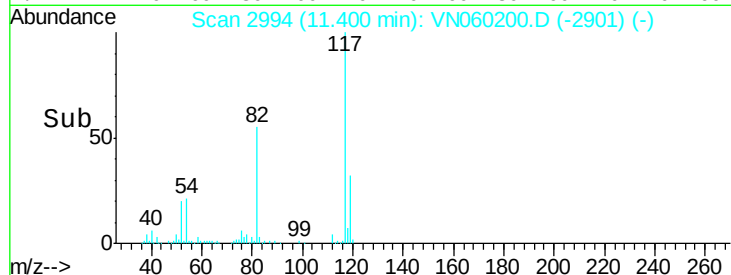
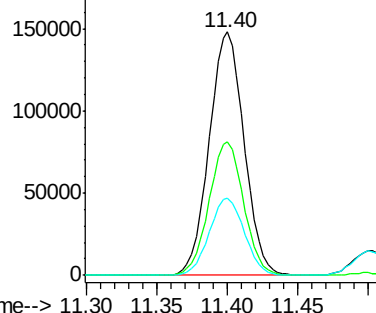
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060200.D
Acq: 24 Feb 2020 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion:117 Resp: 256795
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.0
119 31.6 25.8 38.6

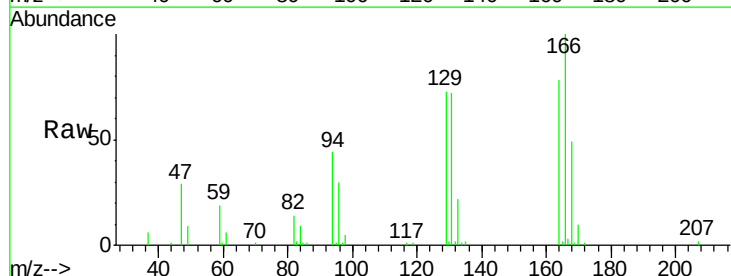


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

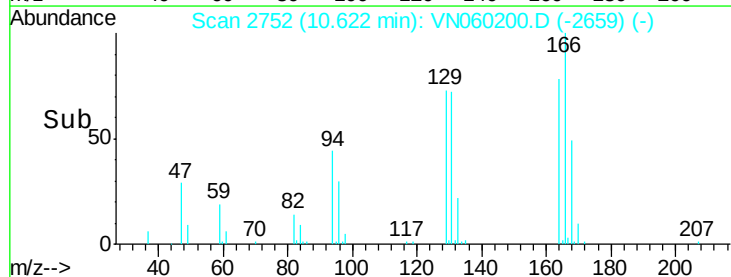
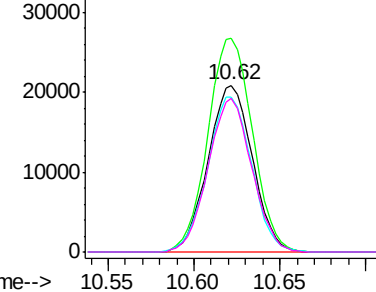


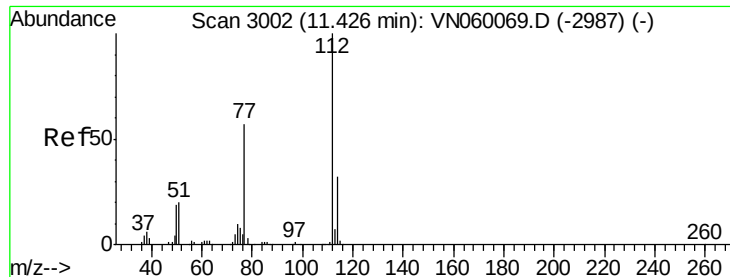
#64
Tetrachloroethene
Concen: 19.15 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060200.D
Acq: 24 Feb 2020 11:30

Tgt Ion:164 Resp: 37393
Ion Ratio Lower Upper
164 100
166 128.3 101.9 152.9
129 93.1 75.4 113.0
131 92.5 71.4 107.2



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

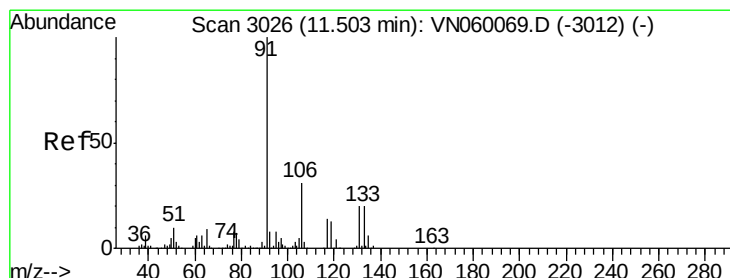
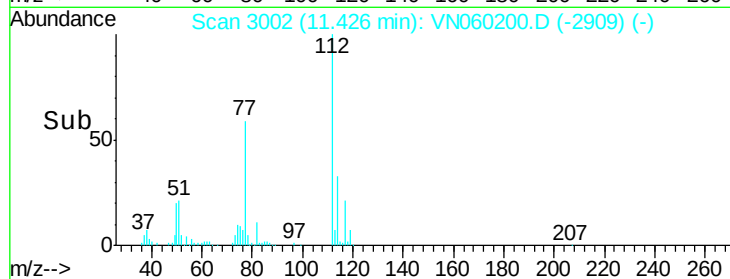
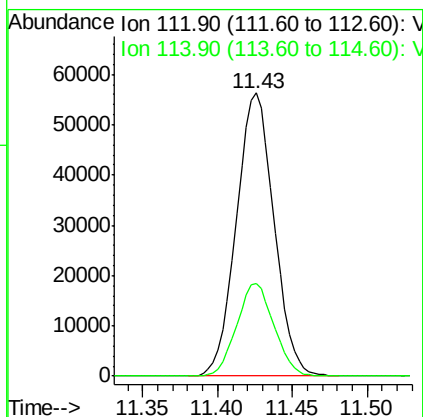
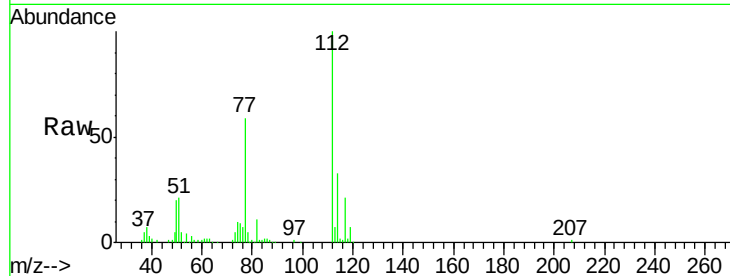




#65
Chlorobenzene
Concen: 18.87 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060200.D
Acq: 24 Feb 2020 11:30

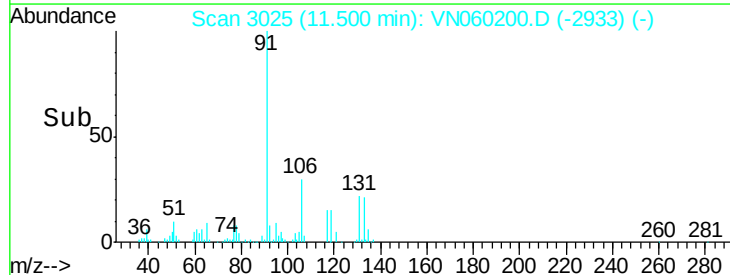
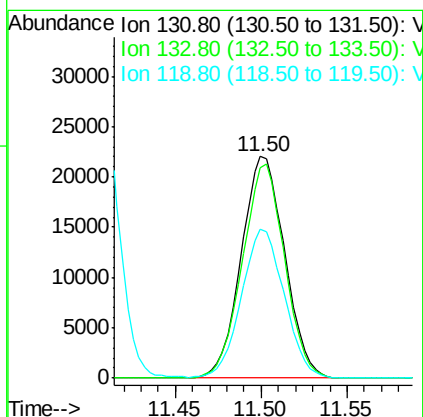
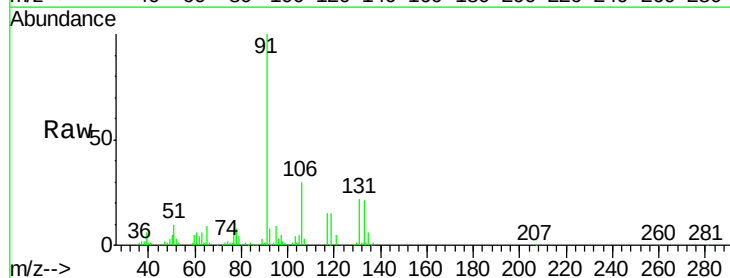
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

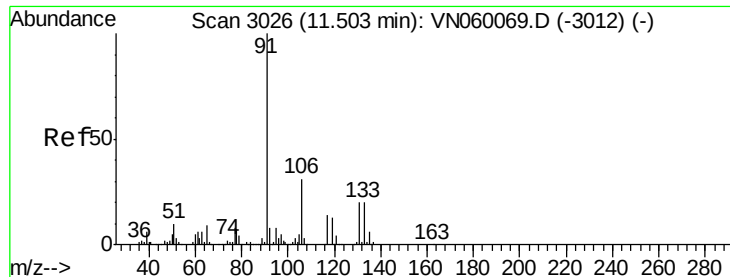
Tgt Ion:112 Resp: 98705
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.55 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060200.D
Acq: 24 Feb 2020 11:30

Tgt Ion:131 Resp: 38695
Ion Ratio Lower Upper
131 100
133 93.8 47.9 143.7
119 66.3 32.6 97.7





#67

Ethyl Benzene

Concen: 18.78 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

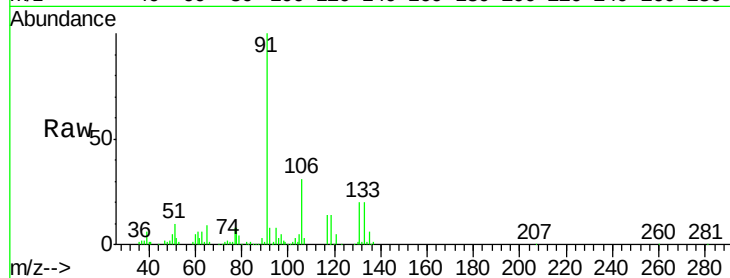
VN0224WBSD01

Tgt Ion: 91 Resp: 177222

Ion Ratio Lower Upper

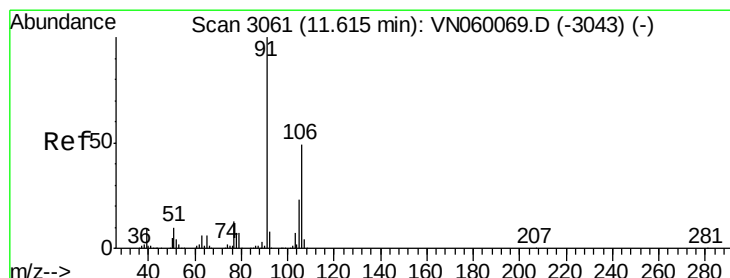
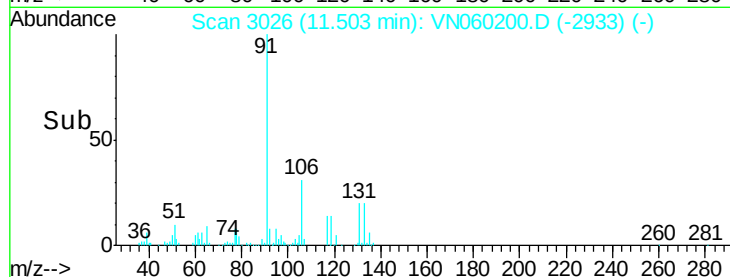
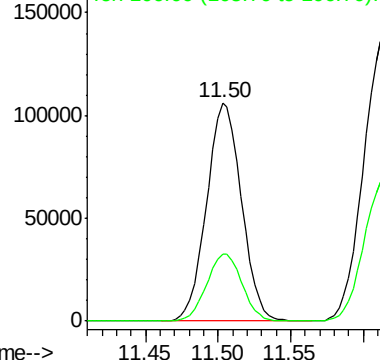
91 100

106 30.5 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.66 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN060200.D

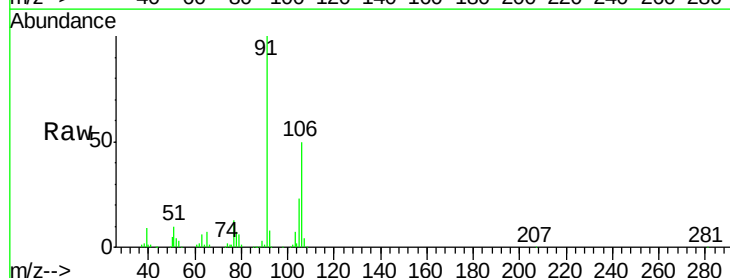
Acq: 24 Feb 2020 11:30

Tgt Ion: 106 Resp: 133374

Ion Ratio Lower Upper

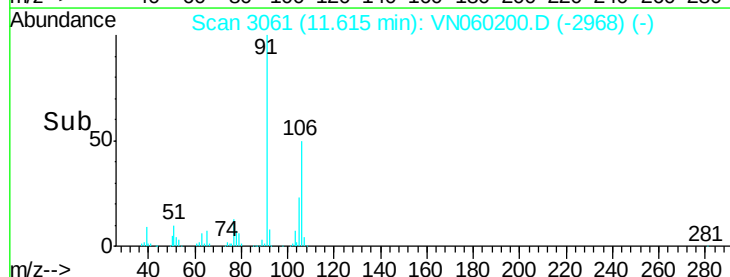
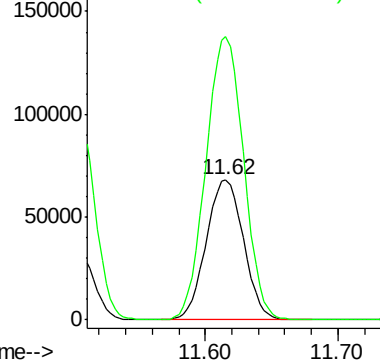
106 100

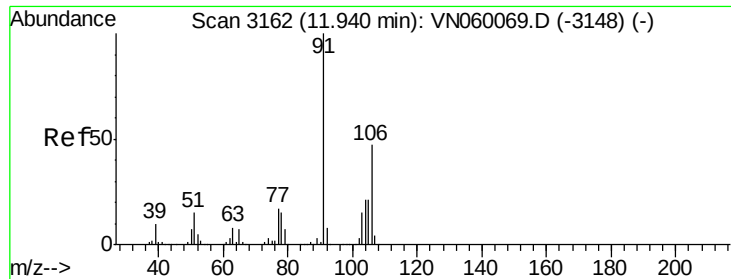
91 203.9 162.7 244.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

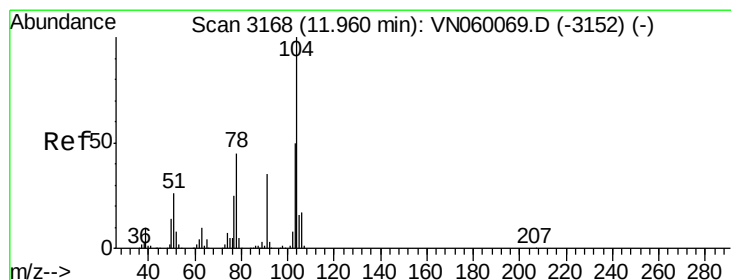
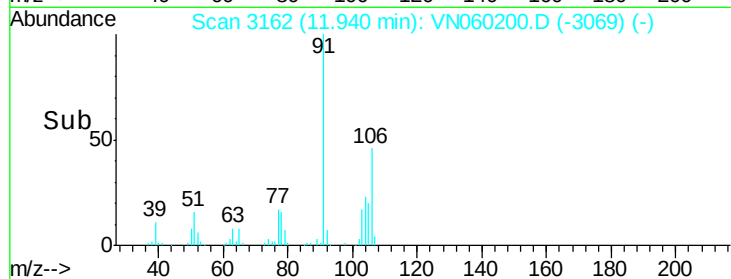
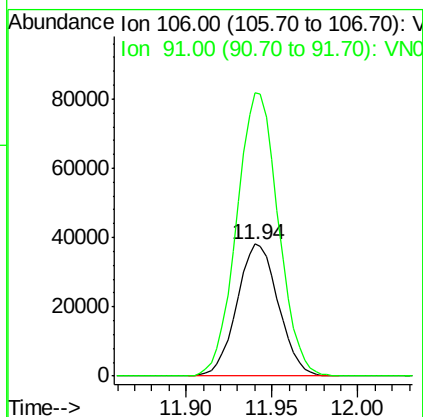
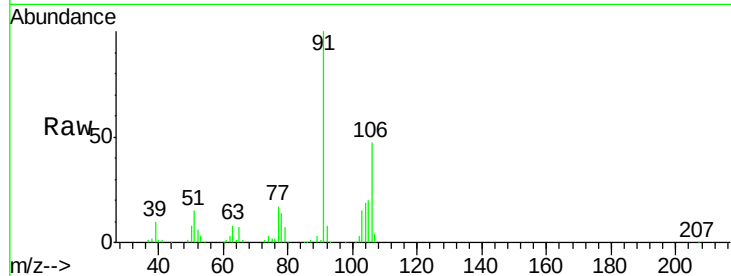




#69
o-Xylene
Concen: 18.79 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060200.D
Acq: 24 Feb 2020 11:30

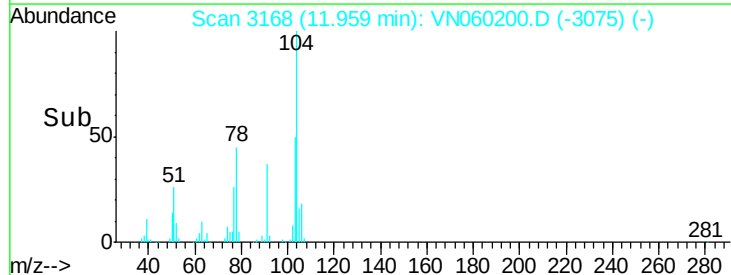
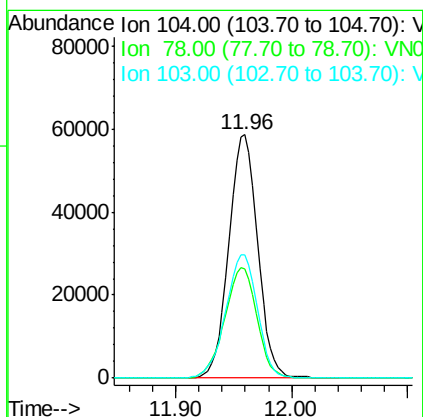
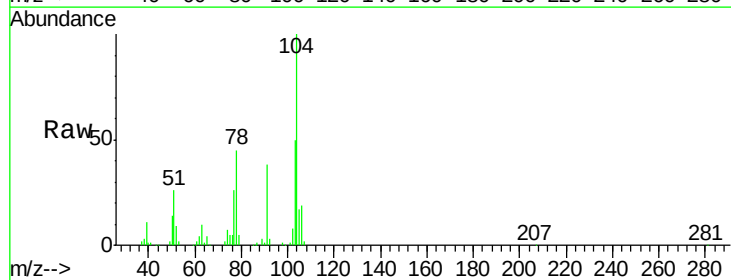
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

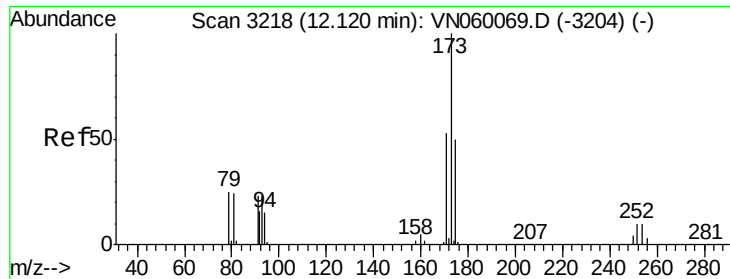
Tgt Ion:106 Resp: 64069
Ion Ratio Lower Upper
106 100
91 215.4 107.2 321.6



#70
Styrene
Concen: 18.32 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN060200.D
Acq: 24 Feb 2020 11:30

Tgt Ion:104 Resp: 100750
Ion Ratio Lower Upper
104 100
78 50.5 40.2 60.2
103 55.7 44.3 66.5

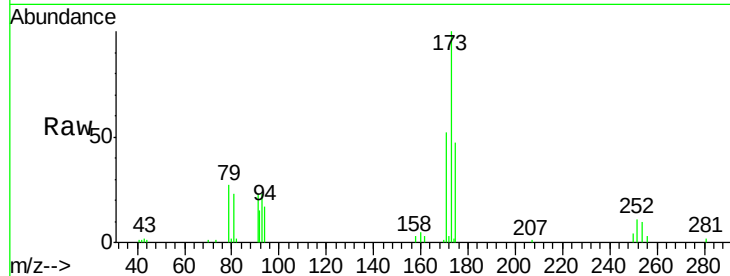




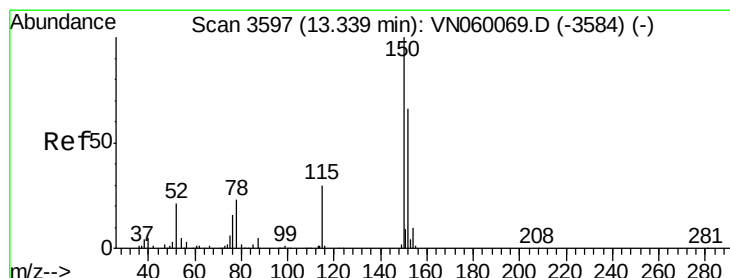
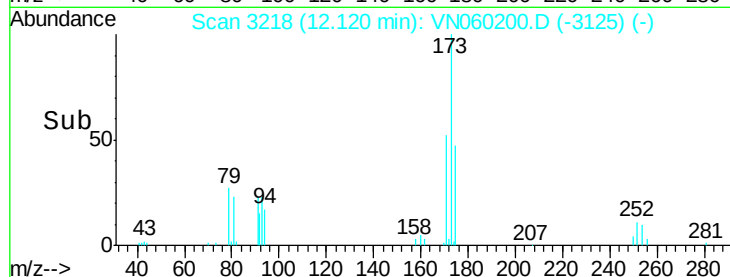
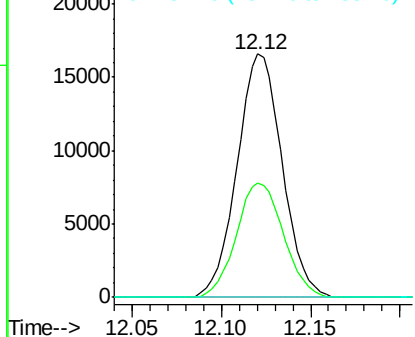
#71
Bromoform
Concen: 18.36 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. -0.00 min
Lab File: VN060200.D
Acq: 24 Feb 2020 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion:173 Resp: 29230
Ion Ratio Lower Upper
173 100
175 48.9 24.9 74.6
254 0.0 0.0 0.0

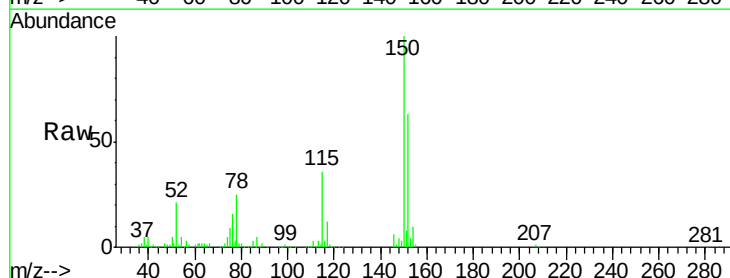


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

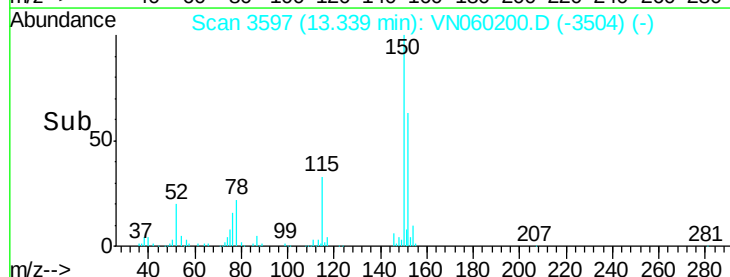
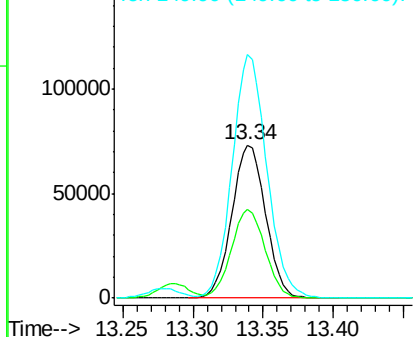


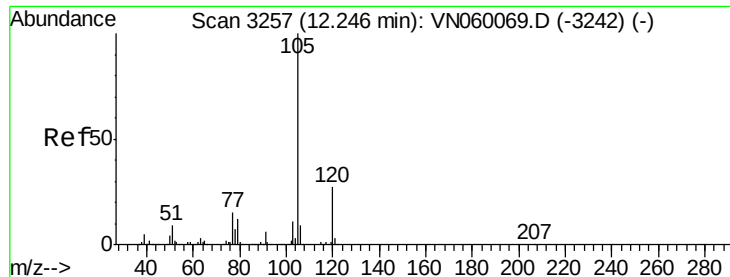
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060200.D
Acq: 24 Feb 2020 11:30

Tgt Ion:152 Resp: 122576
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.8
150 164.2 0.0 342.4



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: 19.01 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

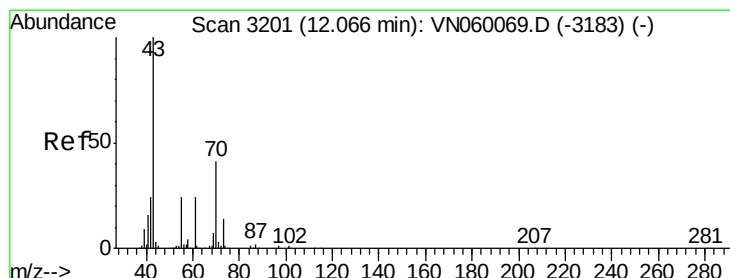
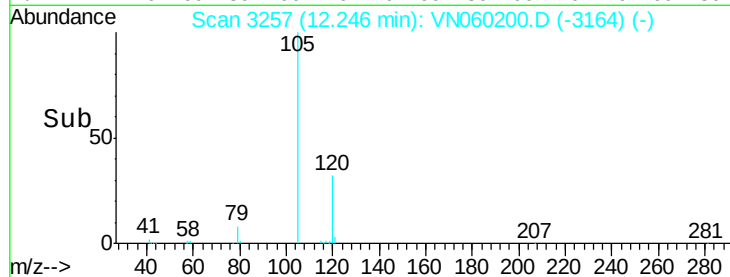
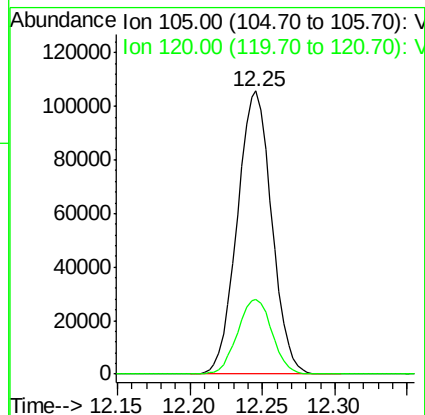
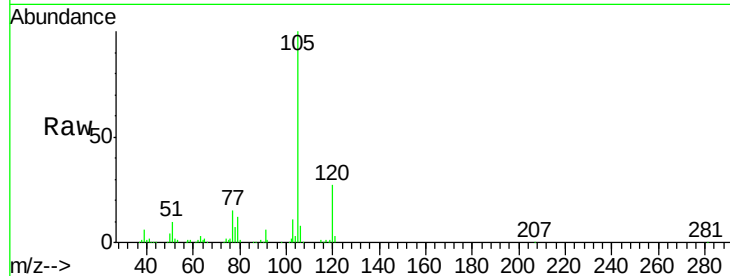
VN0224WBSD01

Tgt Ion: 105 Resp: 173990

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.8



#74

N-ethyl acetate

Concen: 19.03 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

Tgt Ion: 43 Resp: 62803

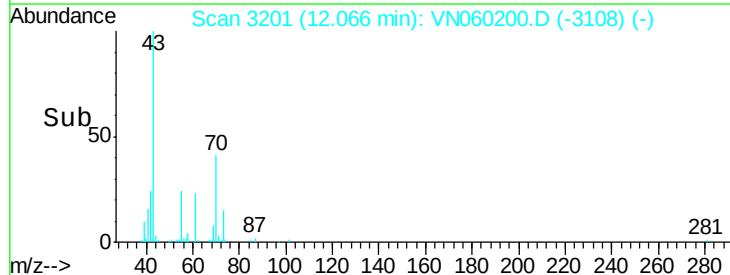
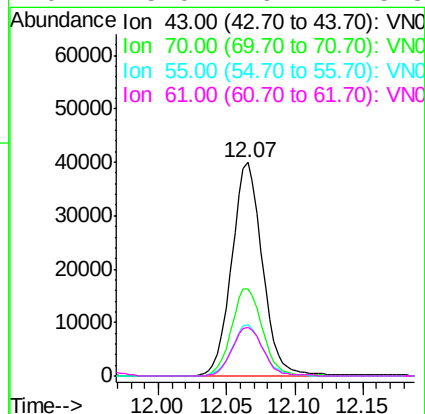
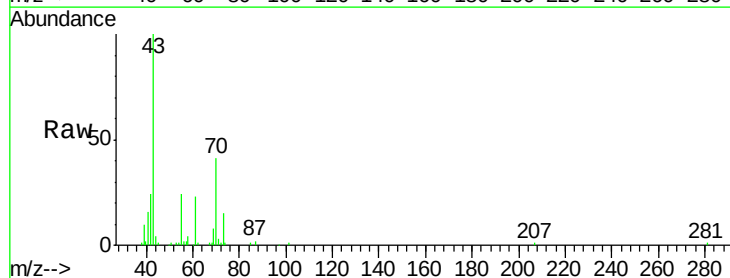
Ion Ratio Lower Upper

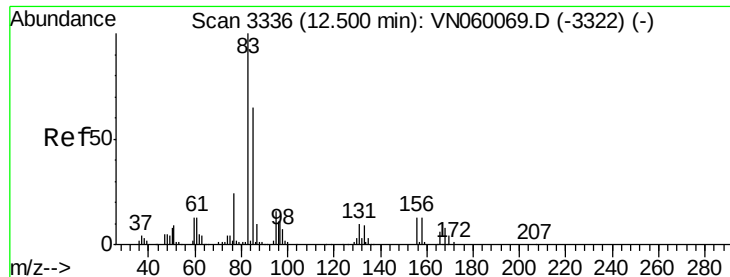
43 100

70 41.3 33.4 50.0

55 24.0 18.8 28.2

61 23.0 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.68 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01

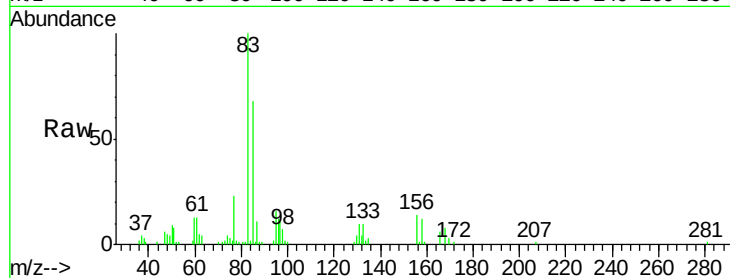
Tgt Ion: 83 Resp: 51852

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

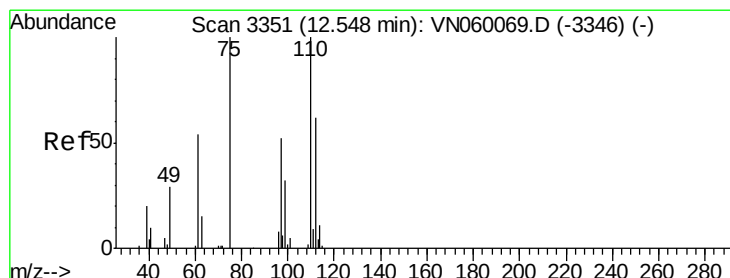
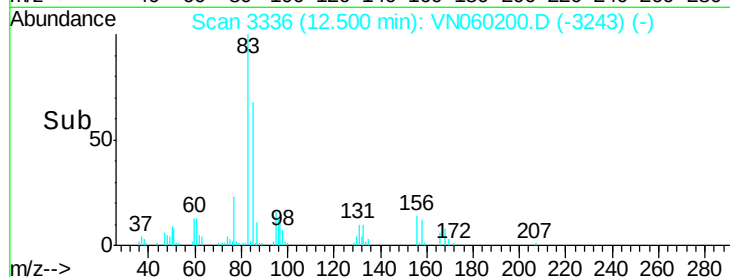
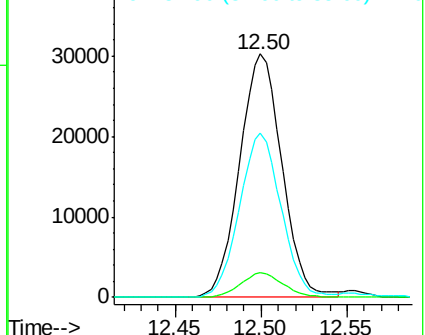
85 66.4 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN060200.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060200.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060200.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 29.41 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060200.D

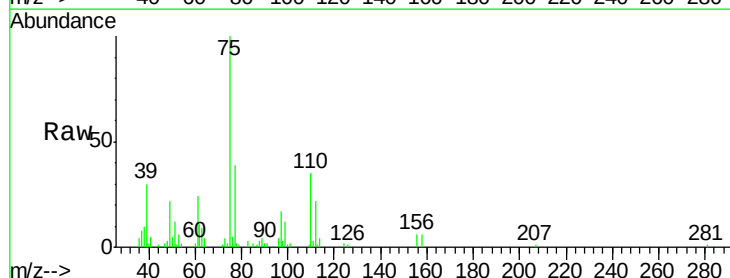
Acq: 24 Feb 2020 11:30

Tgt Ion: 75 Resp: 68982

Ion Ratio Lower Upper

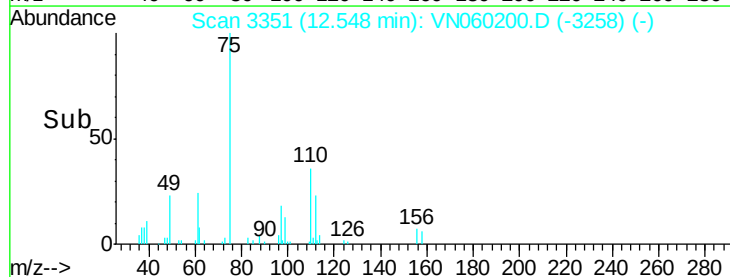
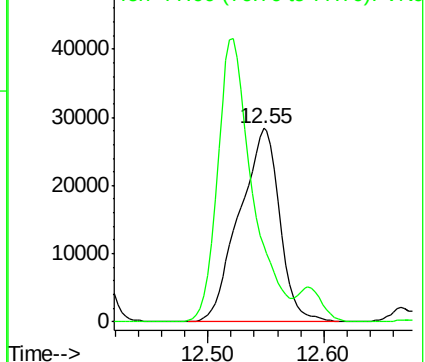
75 100

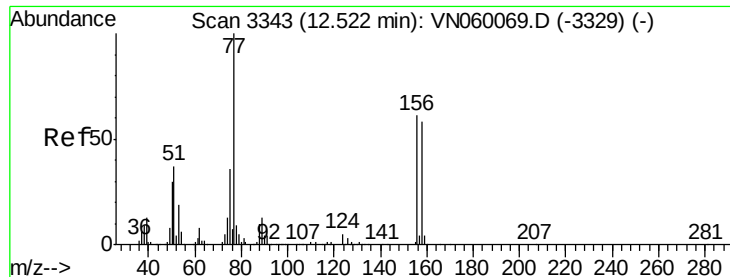
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060200.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060200.D (-3258) (-)





#77

Bromobenzene

Concen: 19.36 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

Instrument :

MSVOA_N

ClientSampled :

VN0224WBSD01

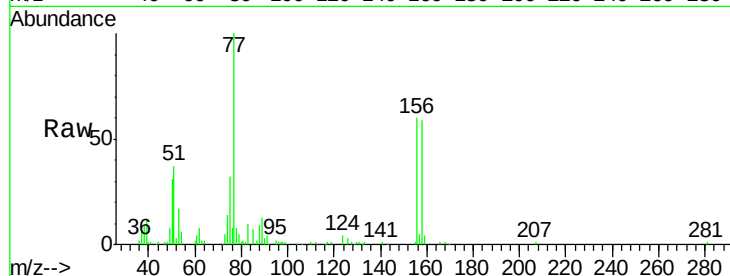
Tgt Ion:156 Resp: 43970

Ion Ratio Lower Upper

156 100

77 198.4 98.7 296.1

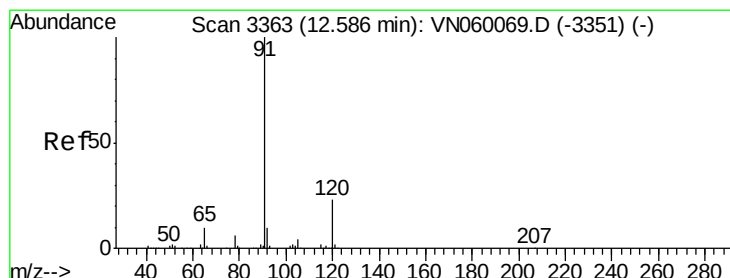
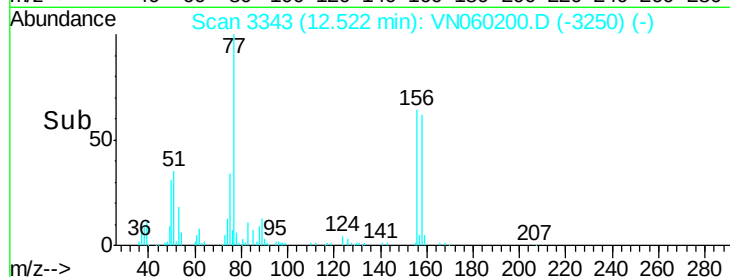
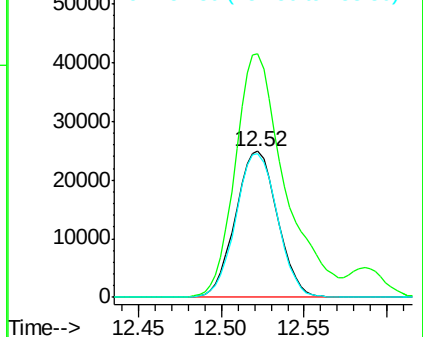
158 97.4 48.1 144.4



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: 18.77 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060200.D

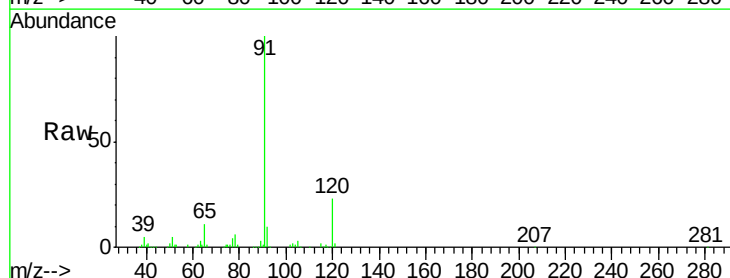
Acq: 24 Feb 2020 11:30

Tgt Ion: 91 Resp: 195708

Ion Ratio Lower Upper

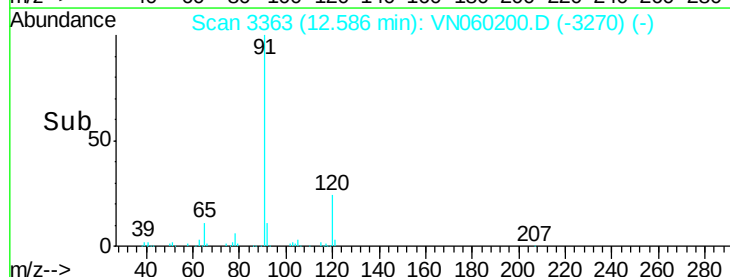
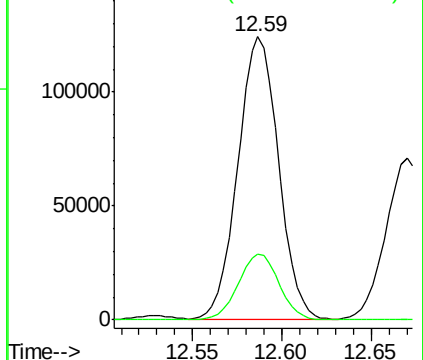
91 100

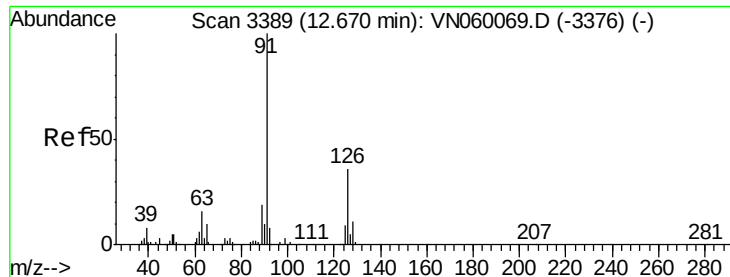
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.90 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

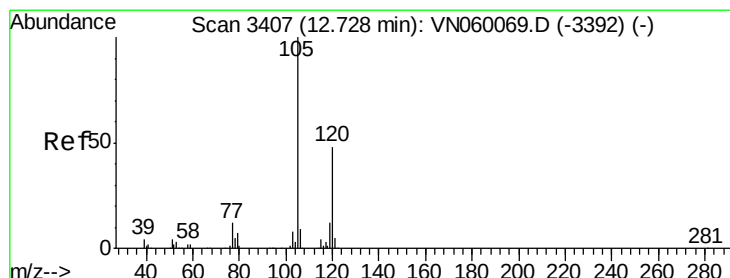
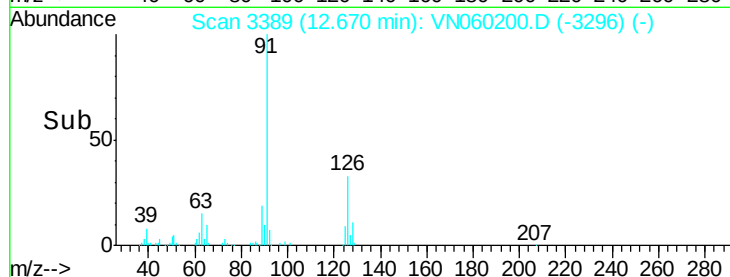
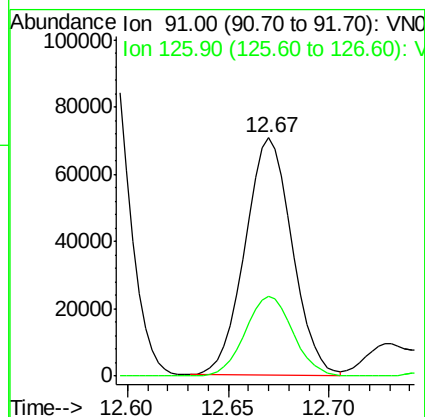
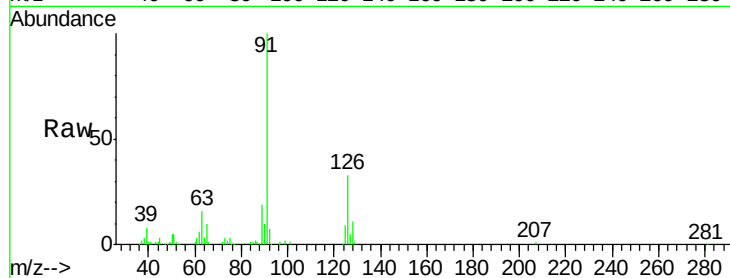
VN0224WBSD01

Tgt Ion: 91 Resp: 115840

Ion Ratio Lower Upper

91 100

126 34.0 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 19.13 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060200.D

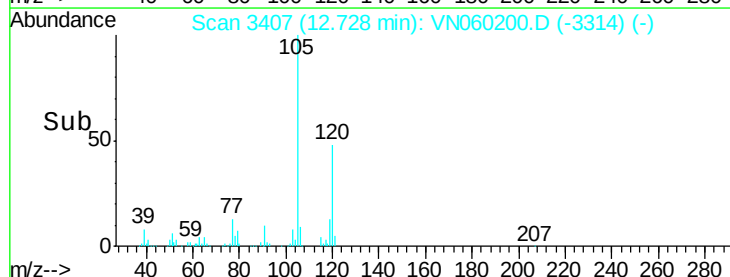
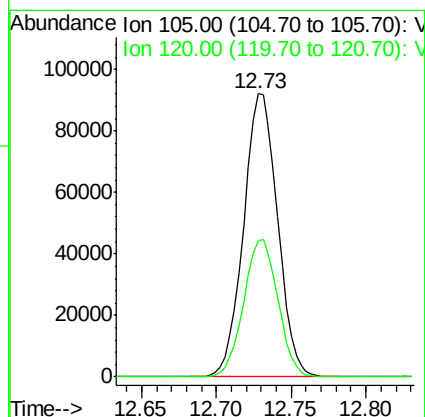
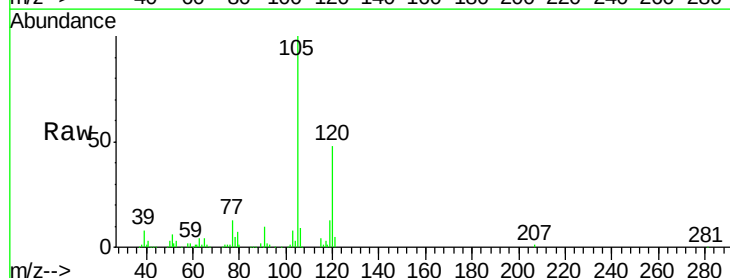
Acq: 24 Feb 2020 11:30

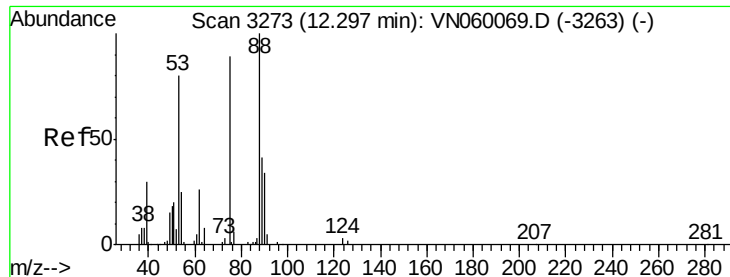
Tgt Ion: 105 Resp: 145580

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 18.49 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

Instrument :

MSVOA_N

ClientSampled :

VN0224WBSD01

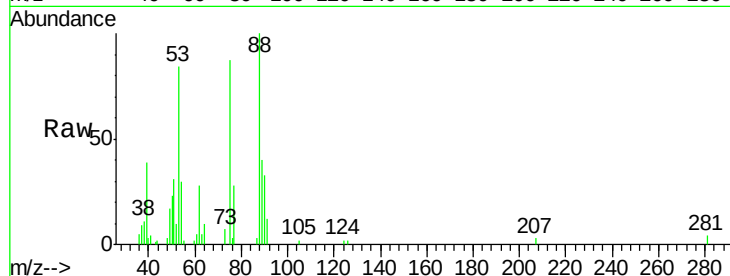
Tgt Ion: 75 Resp: 17706

Ion Ratio Lower Upper

75 100

53 95.9 73.9 110.9

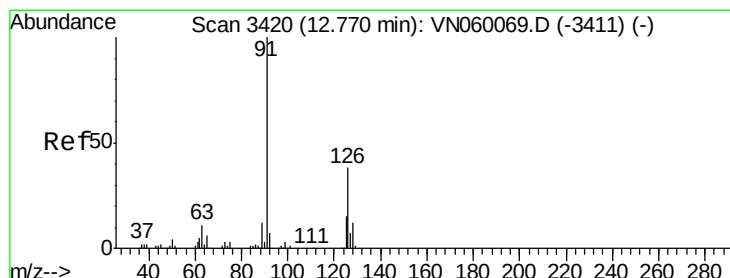
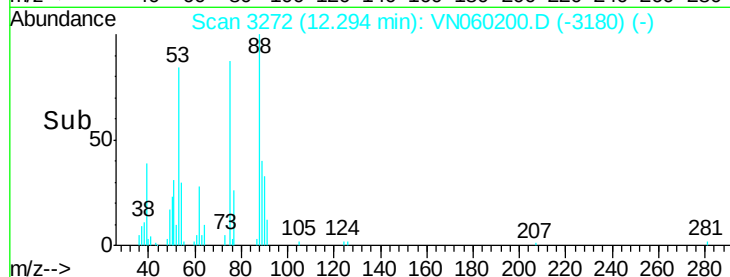
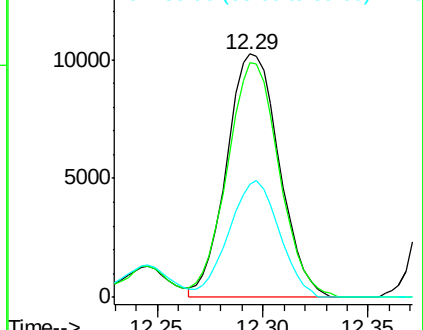
89 46.0 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VN060200.D (-3180) (-)

Ion 53.00 (52.70 to 53.70): VN060200.D (-3180) (-)

Ion 88.90 (88.60 to 89.60): VN060200.D (-3180) (-)



#82

4-Chlorotoluene

Concen: 19.13 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN060200.D

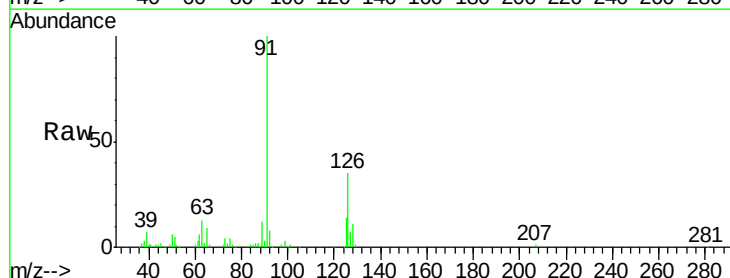
Acq: 24 Feb 2020 11:30

Tgt Ion: 91 Resp: 120292

Ion Ratio Lower Upper

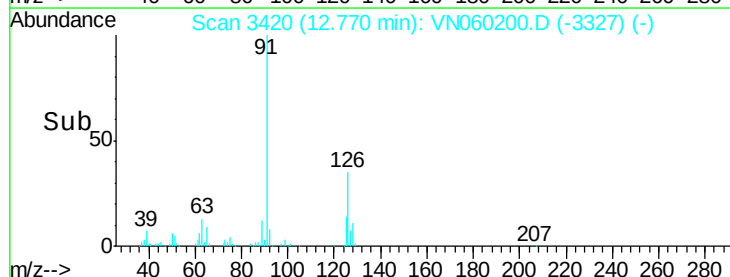
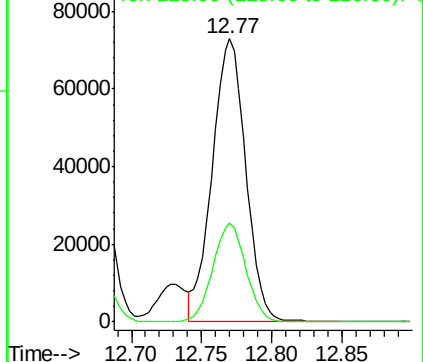
91 100

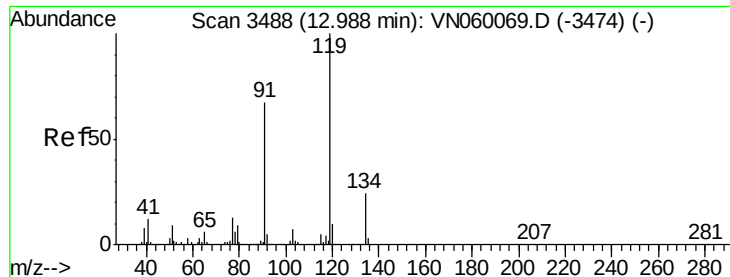
126 34.2 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VN060200.D (-3327) (-)

Ion 125.90 (125.60 to 126.60): VN060200.D (-3327) (-)

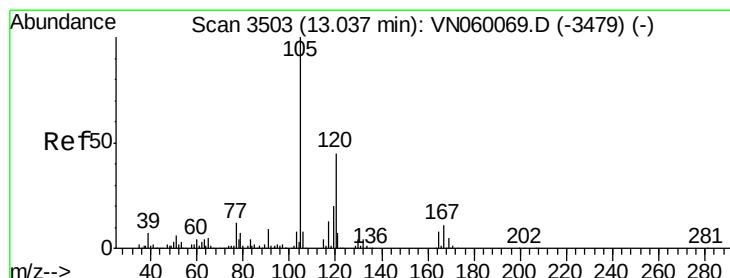
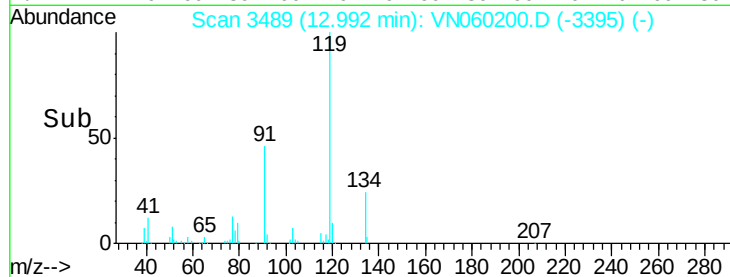
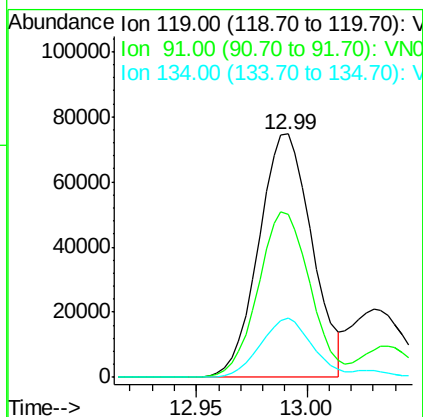
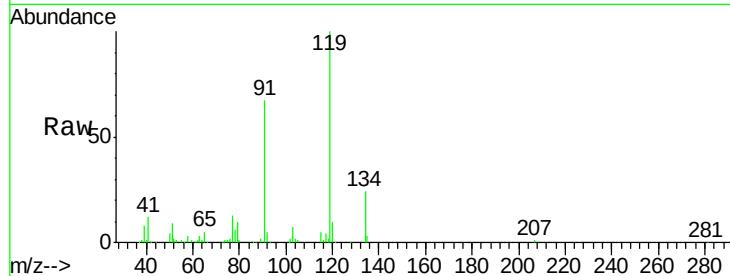




#83
 tert-Butylbenzene
 Concen: 18.59 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN060200.D
 Acq: 24 Feb 2020 11:30

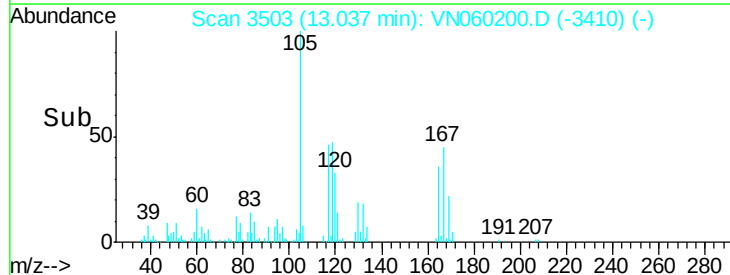
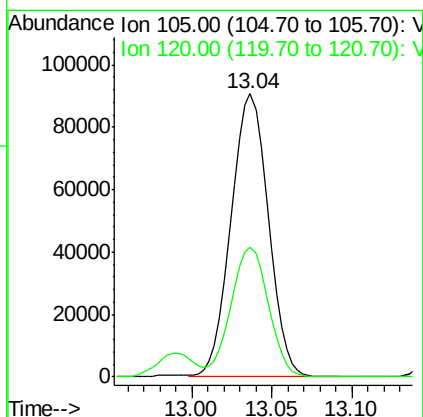
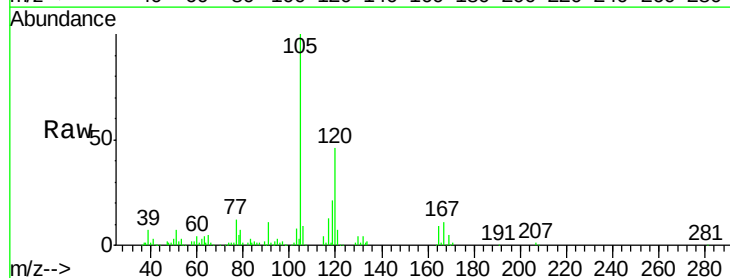
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBSD01

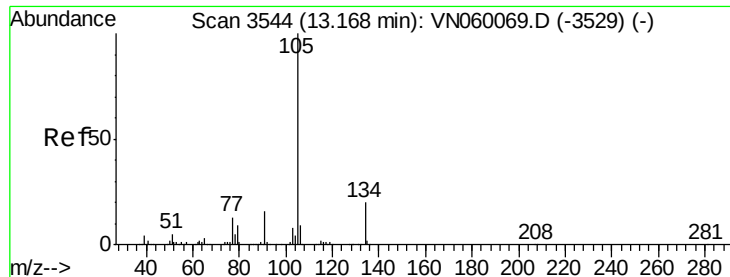
Tgt Ion:119 Resp: 125186
 Ion Ratio Lower Upper
 119 100
 91 66.3 32.7 98.1
 134 23.9 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 19.25 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN060200.D
 Acq: 24 Feb 2020 11:30

Tgt Ion:105 Resp: 144584
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.4 67.3





#85

sec-Butylbenzene

Concen: 18.92 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

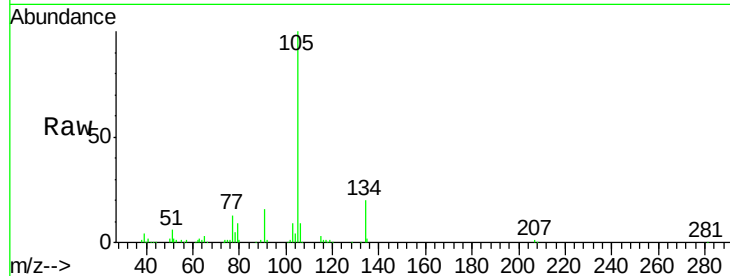
VN0224WBSD01

Tgt Ion:105 Resp: 168714

Ion Ratio Lower Upper

105 100

134 20.2 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

120000

100000

80000

60000

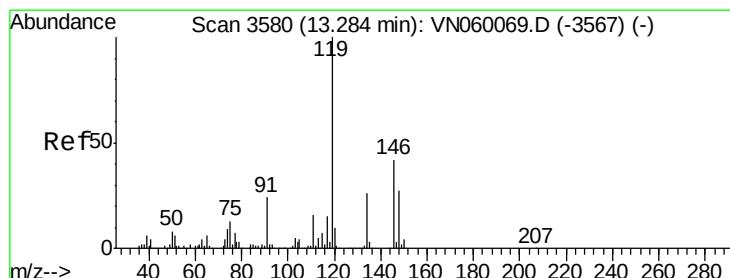
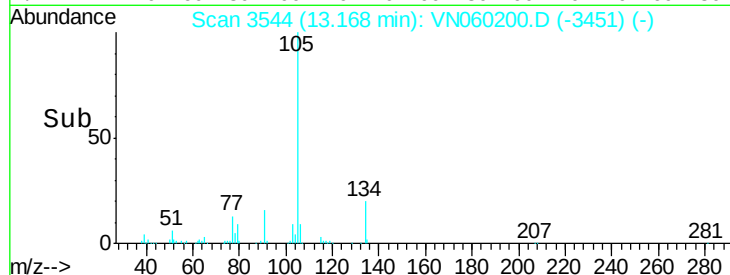
40000

20000

0

13.10 13.15 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 19.10 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

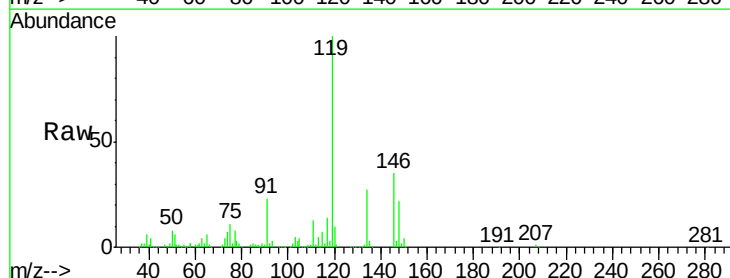
Tgt Ion:119 Resp: 154258

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 23.2 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

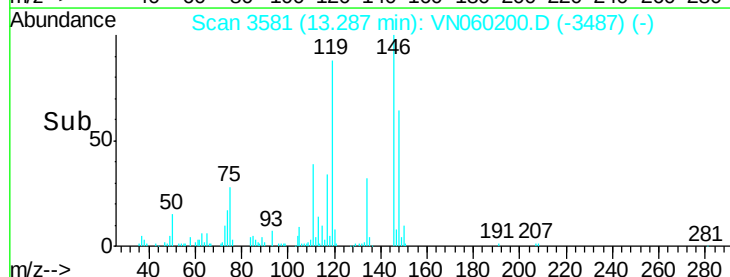
100000

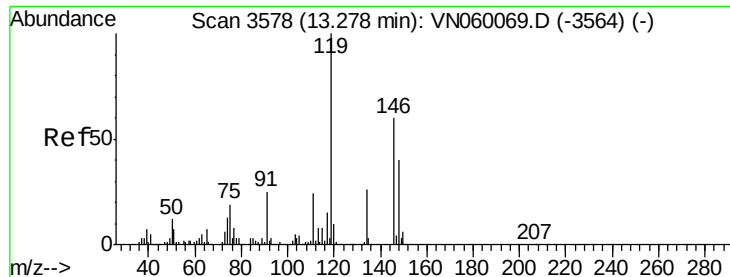
50000

0

13.20 13.25 13.30 13.35

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.04 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01

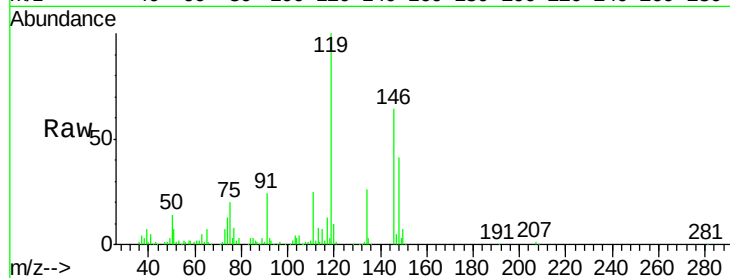
Tgt Ion:146 Resp: 76570

Ion Ratio Lower Upper

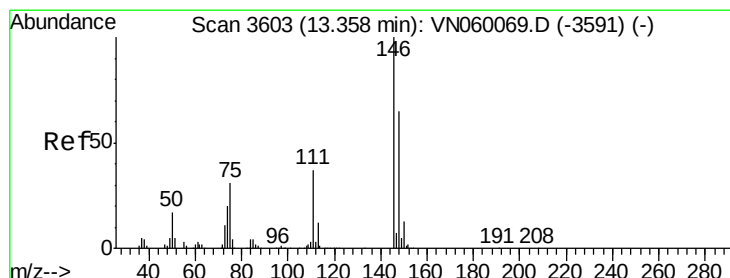
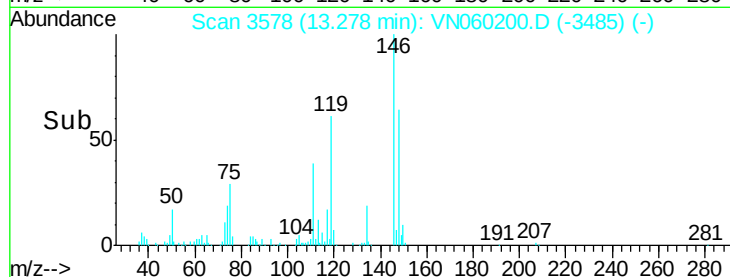
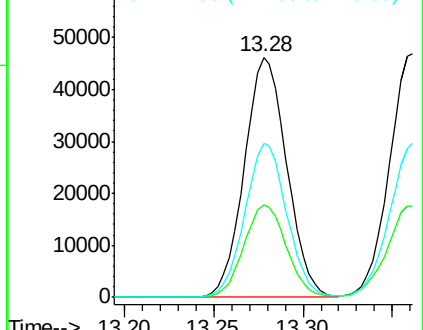
146 100

111 38.7 19.8 59.3

148 63.5 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.26 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

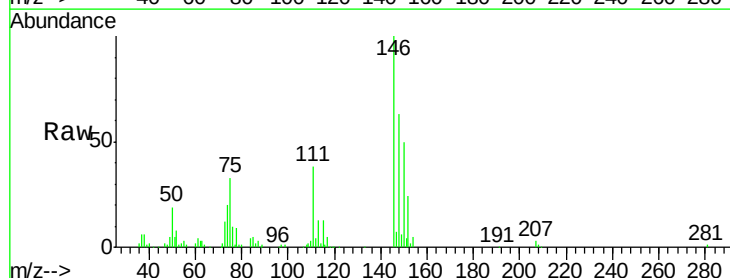
Tgt Ion:146 Resp: 77443

Ion Ratio Lower Upper

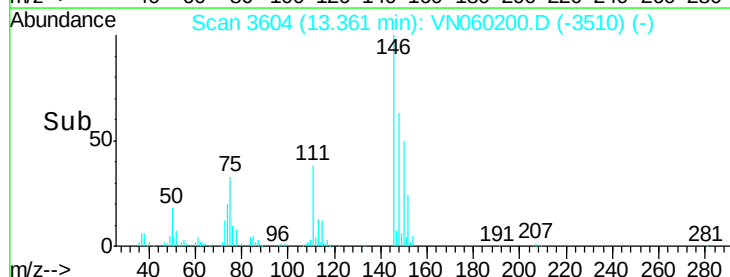
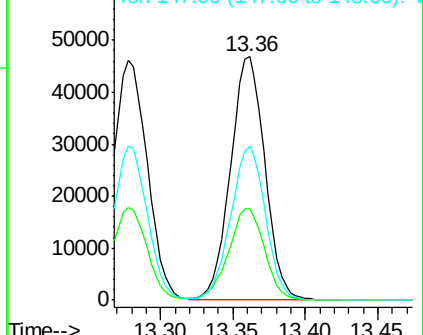
146 100

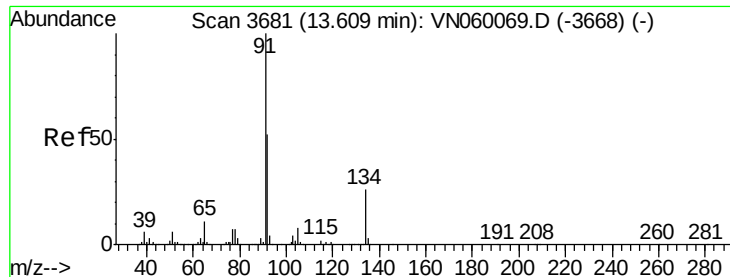
111 39.4 18.9 56.5

148 63.8 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.82 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01

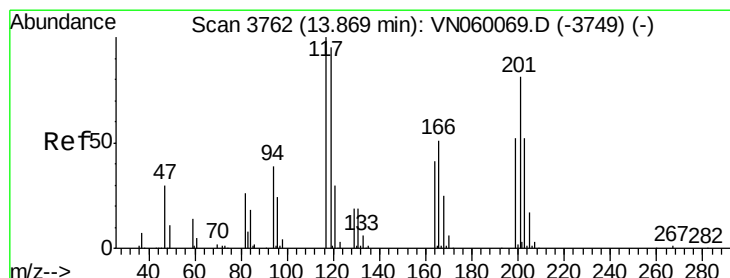
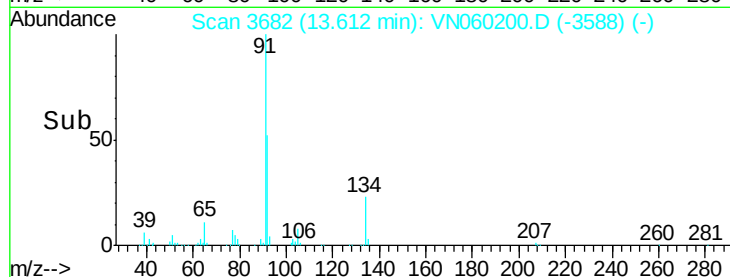
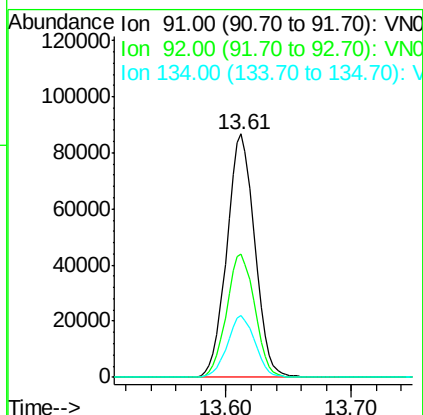
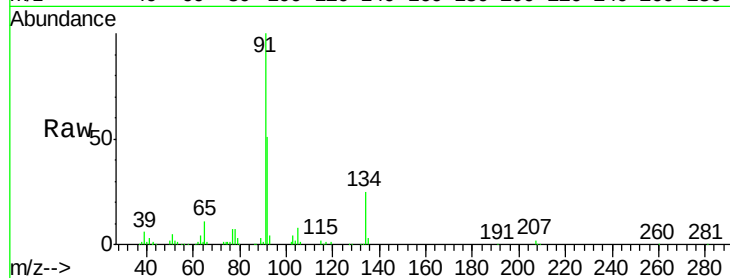
Tgt Ion: 91 Resp: 133750

Ion Ratio Lower Upper

91 100

92 51.4 26.1 78.2

134 25.2 13.1 39.3



#90

Hexachloroethane

Concen: 18.48 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN060200.D

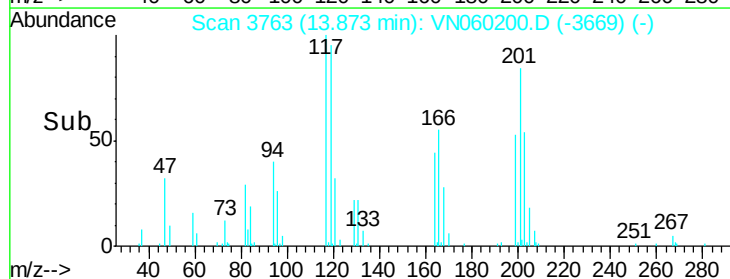
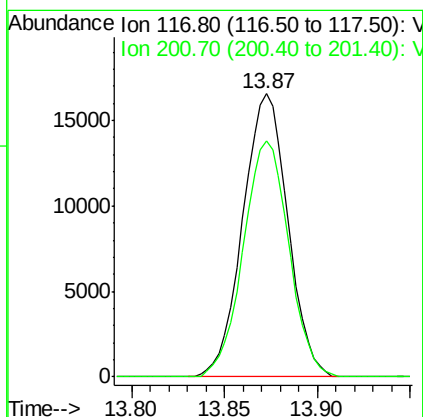
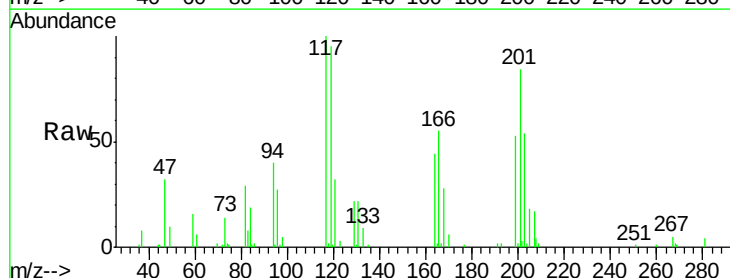
Acq: 24 Feb 2020 11:30

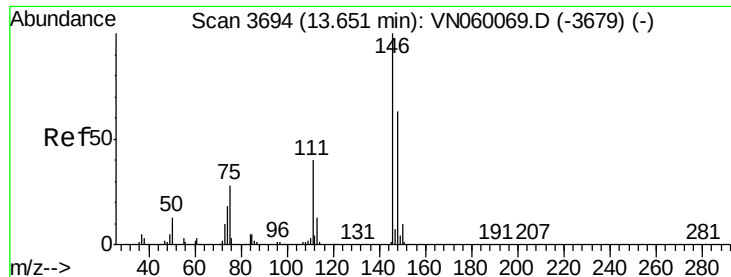
Tgt Ion: 117 Resp: 27890

Ion Ratio Lower Upper

117 100

201 84.3 41.7 125.1





#91

1,2-Dichlorobenzene

Concen: 19.35 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01

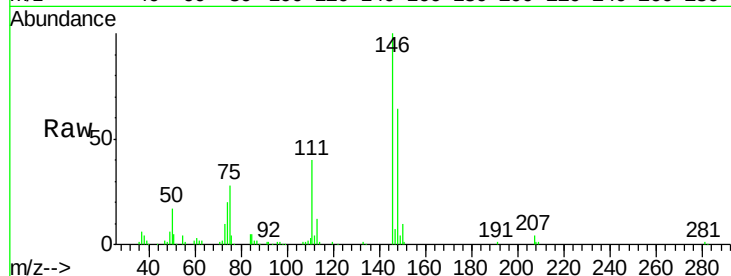
Tgt Ion:146 Resp: 76157

Ion Ratio Lower Upper

146 100

111 40.4 20.1 60.2

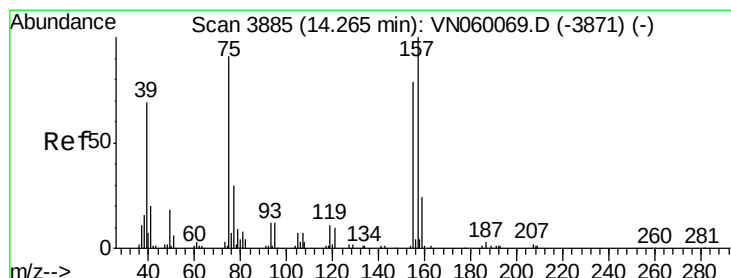
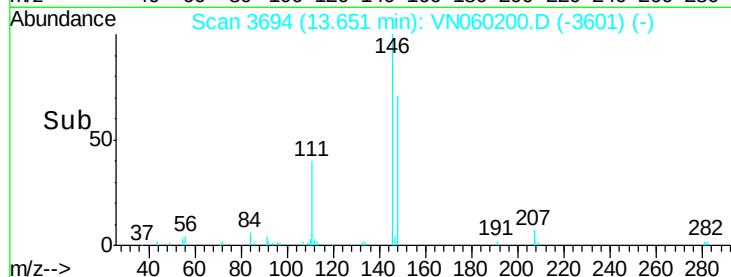
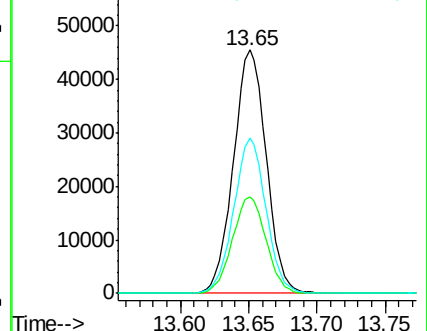
148 62.5 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.72 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN060200.D

Acq: 24 Feb 2020 11:30

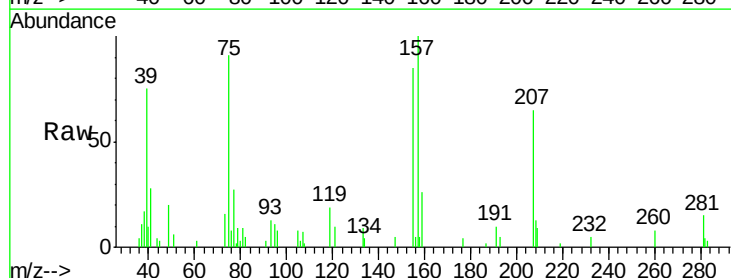
Tgt Ion: 75 Resp: 10756

Ion Ratio Lower Upper

75 100

155 82.0 43.0 129.0

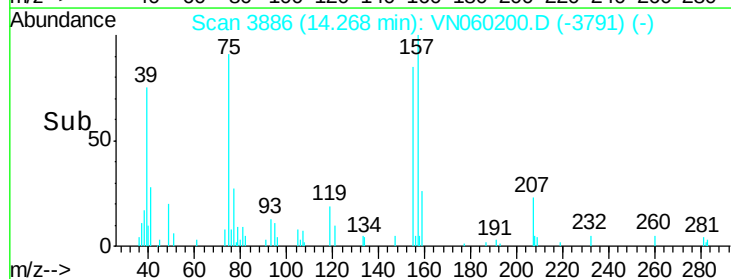
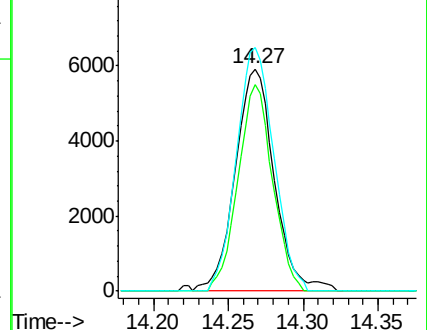
157 105.1 54.9 164.5

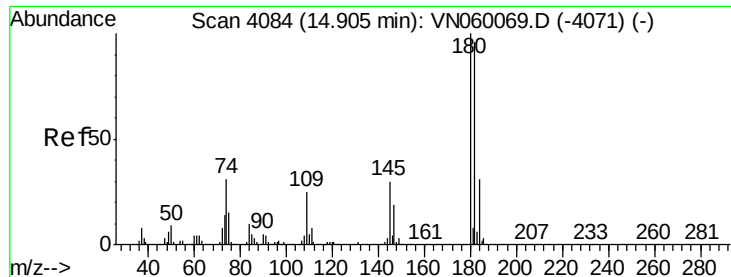


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

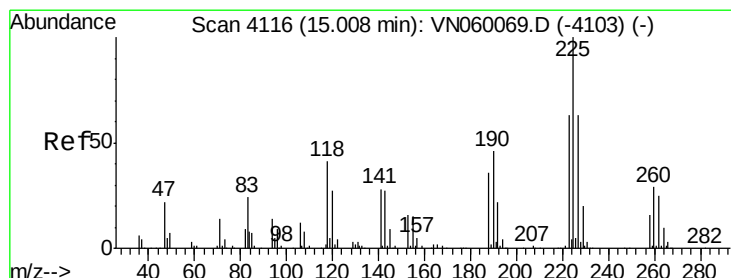
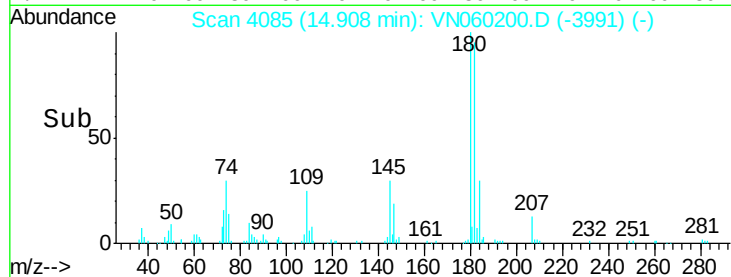
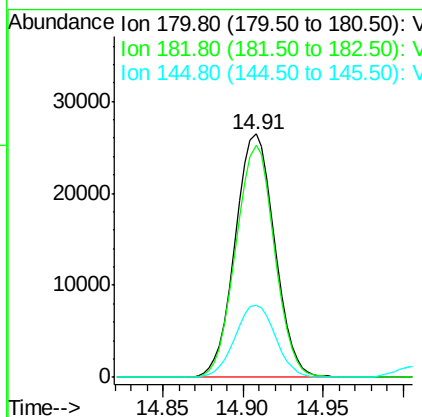
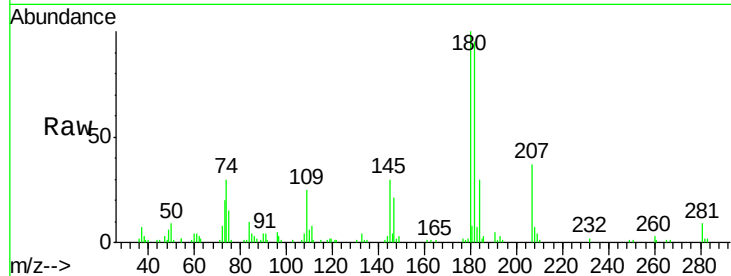




#93
 1,2,4-Trichlorobenzene
 Concen: 19.30 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060200.D
 Acq: 24 Feb 2020 11:30

Instrument :
 MSVOA_N
 ClientSampled :
 VN0224WBSD01

Tgt Ion:180 Resp: 44630
 Ion Ratio Lower Upper
 180 100
 182 93.1 47.9 143.8
 145 30.2 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 19.03 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060200.D
 Acq: 24 Feb 2020 11:30

Tgt Ion:225 Resp: 25761
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.5 94.5
 227 64.4 31.8 95.4

