

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022420\
 Data File : VN060199.D
 Acq On : 24 Feb 2020 10:57
 Operator : JC/MD
 Sample : VN0224WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01

Quant Time: Feb 24 15:47:43 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	181812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	283428	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	263843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	127308	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	108613	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
35) Dibromofluoromethane	7.56	113	85300	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
50) Toluene-d8	10.08	98	336678	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
62) 4-Bromofluorobenzene	12.40	95	120781	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.83	85	33823	18.61	ug/l	99
3) Chloromethane	2.04	50	38672	17.88	ug/l	99
4) Vinyl Chloride	2.17	62	43607	17.69	ug/l	100
5) Bromomethane	2.55	94	28464	18.83	ug/l	96
6) Chloroethane	2.69	64	23245	18.64	ug/l	99
7) Trichlorofluoromethane	3.01	101	58074	18.27	ug/l	96
8) Diethyl Ether	3.39	74	20183	19.08	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	33243	18.84	ug/l	99
10) Methyl Iodide	3.93	142	41754	19.22	ug/l	98
11) Tert butyl alcohol	4.72	59	30885	93.29	ug/l	99
12) 1,1-Dichloroethene	3.72	96	31748	18.47	ug/l	97
13) Acrolein	3.58	56	28703	87.71	ug/l	98
14) Allyl chloride	4.30	41	46326	18.31	ug/l	97
15) Acrylonitrile	4.94	53	77568	95.94	ug/l	99
16) Acetone	3.78	43	77073	79.87	ug/l	100
17) Carbon Disulfide	4.03	76	88544	17.09	ug/l	100
18) Methyl Acetate	4.29	43	35810	19.75	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	107842	18.66	ug/l	97
20) Methylene Chloride	4.52	84	36152	18.78	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	34695	18.52	ug/l	97
22) Diisopropyl ether	5.91	45	105937	19.11	ug/l	98
23) Vinyl Acetate	5.86	43	435072	93.44	ug/l	100
24) 1,1-Dichloroethane	5.82	63	63588	18.93	ug/l	99
25) 2-Butanone	6.80	43	106166	87.47	ug/l	96
26) 2,2-Dichloropropane	6.79	77	59996	18.80	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	40724	18.57	ug/l	99
28) Bromochloromethane	7.17	49	25833	19.56	ug/l	# 96
29) Tetrahydrofuran	7.18	42	69647	93.54	ug/l	98
30) Chloroform	7.35	83	67078	19.06	ug/l	97
31) Cyclohexane	7.63	56	59170	18.91	ug/l	96
32) 1,1,1-Trichloroethane	7.54	97	59637	18.55	ug/l	99
36) 1,1-Dichloropropene	7.77	75	49073	18.69	ug/l	99
37) Ethyl Acetate	6.90	43	44721	18.85	ug/l	98
38) Carbon Tetrachloride	7.75	117	53225	18.67	ug/l	99

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 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)
39) Methylcyclohexane	9.07	83	59799	18.35	ug/l	96
40) Benzene	8.02	78	146669	18.83	ug/l	99
41) Methacrylonitrile	7.18	41	64334	64.66	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	52724	19.32	ug/l	98
43) Isopropyl Acetate	8.14	43	76761	18.93	ug/l	99
44) Trichloroethene	8.82	130	40283	18.68	ug/l	99
45) 1,2-Dichloropropane	9.10	63	37616	19.51	ug/l	99
46) Dibromomethane	9.19	93	25371	18.62	ug/l	98
47) Bromodichloromethane	9.39	83	52136	18.82	ug/l	97
48) Methyl methacrylate	9.18	41	32915	18.09	ug/l	99
49) 1,4-Dioxane	9.18	88	12115	389.66	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	220512	93.93	ug/l	99
52) Toluene	10.14	92	93813	18.79	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	59416	19.00	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	62131	18.87	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	36944	18.96	ug/l	98
56) Ethyl methacrylate	10.42	69	51033	18.52	ug/l	100
57) 1,3-Dichloropropane	10.70	76	61183	19.03	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	117270	91.34	ug/l	100
59) 2-Hexanone	10.74	43	157813	87.03	ug/l	100
60) Dibromochloromethane	10.89	129	41485	18.56	ug/l	97
61) 1,2-Dibromoethane	10.99	107	37955	18.58	ug/l	100
64) Tetrachloroethene	10.62	164	38320	19.11	ug/l	96
65) Chlorobenzene	11.43	112	100407	18.68	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	38481	18.92	ug/l	99
67) Ethyl Benzene	11.50	91	180683	18.64	ug/l	98
68) m/p-Xylenes	11.61	106	137499	37.79	ug/l	98
69) o-Xylene	11.94	106	65084	18.58	ug/l	98
70) Styrene	11.96	104	101631	17.99	ug/l	100
71) Bromoform	12.12	173	30569	18.69	ug/l #	97
73) Isopropylbenzene	12.25	105	178098	18.73	ug/l	100
74) N-amyl acetate	12.07	43	61172	17.84	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	51263	18.73	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	68319	28.05	ug/l #	100
77) Bromobenzene	12.52	156	44718	18.95	ug/l	99
78) n-propylbenzene	12.59	91	200280	18.49	ug/l	99
79) 2-Chlorotoluene	12.67	91	116320	18.27	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	149305	18.89	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	18178	18.27	ug/l	99
82) 4-Chlorotoluene	12.77	91	119610	18.31	ug/l	100
83) tert-Butylbenzene	12.99	119	129038	18.45	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	148788	19.07	ug/l	100
85) sec-Butylbenzene	13.17	105	173010	18.68	ug/l	99
86) p-Isopropyltoluene	13.29	119	155552	18.54	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	77260	18.50	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	77240	18.50	ug/l	98
89) n-Butylbenzene	13.61	91	134381	18.21	ug/l	99
90) Hexachloroethane	13.87	117	28565	18.22	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	76718	18.77	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	10247	17.10	ug/l	94

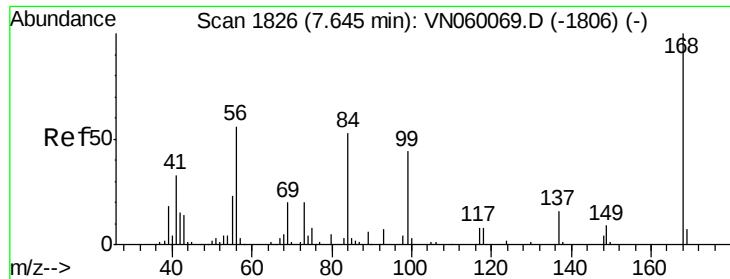
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN022420\
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Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	42934	17.88	ug/l	98
94) Hexachlorobutadiene	15.01	225	25653	18.25	ug/l	98
95) Naphthalene	15.13	128	107876	16.63	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	43086	18.02	ug/l	100

(#) = 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: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

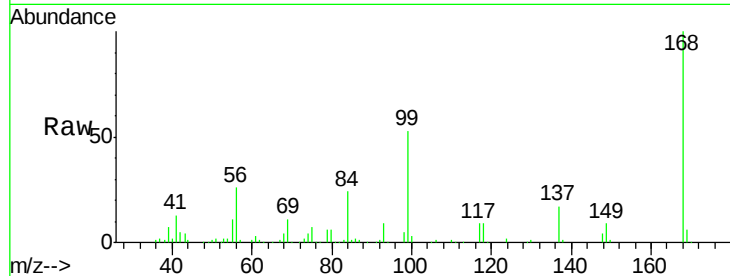
VN0224WBS01

Tgt Ion:168 Resp: 181812

Ion Ratio Lower Upper

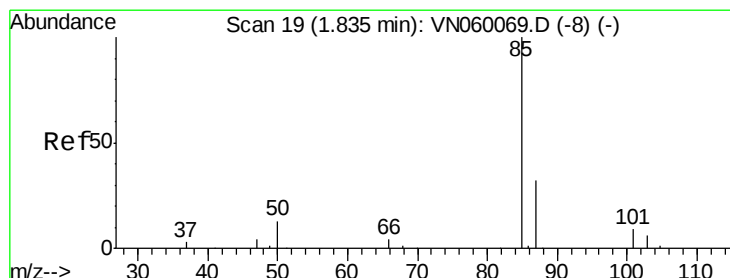
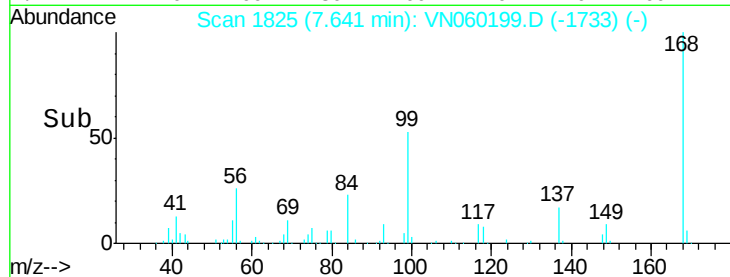
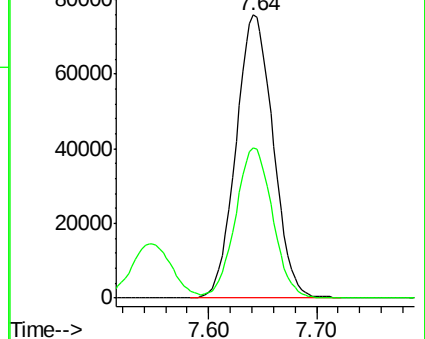
168 100

99 53.3 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: 18.61 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN060199.D

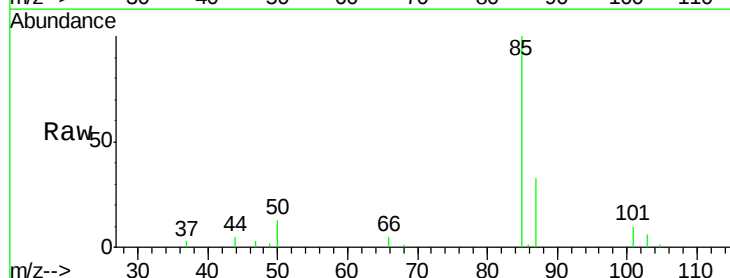
Acq: 24 Feb 2020 10:57

Tgt Ion: 85 Resp: 33823

Ion Ratio Lower Upper

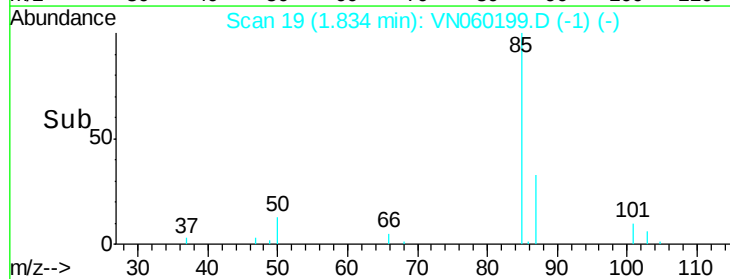
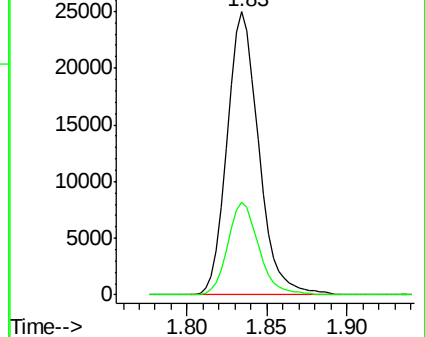
85 100

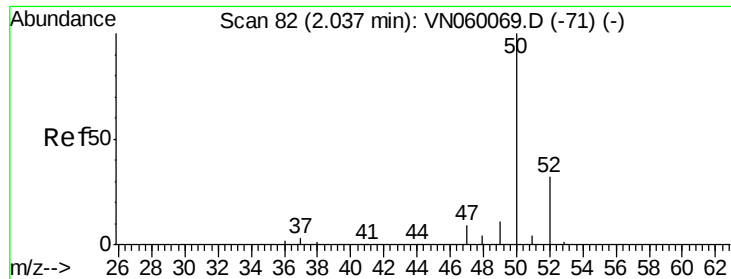
87 32.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

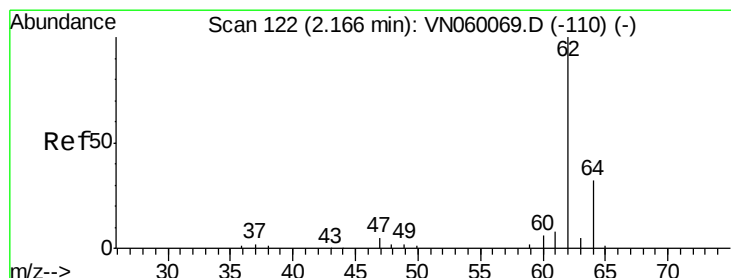
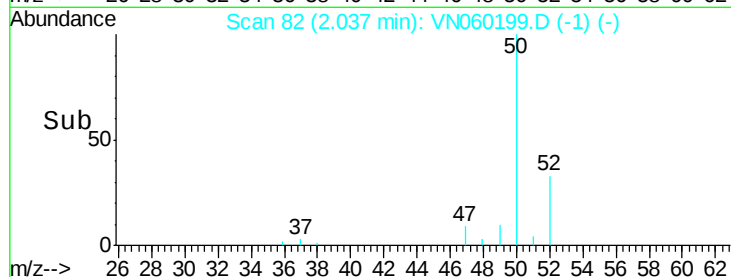
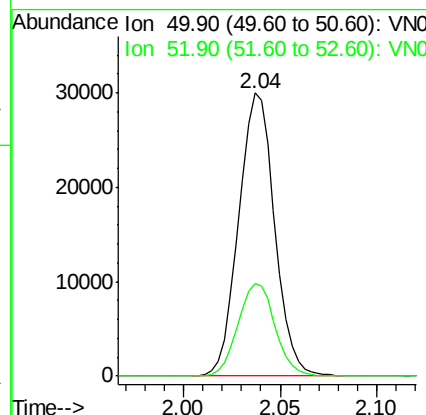
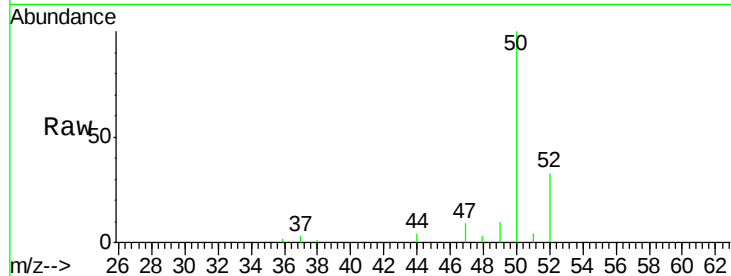




#3
 Chloromethane
 Concen: 17.88 ug/l
 RT: 2.04 min Scan# 82
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

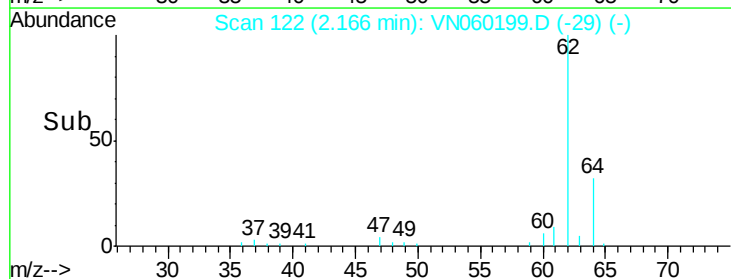
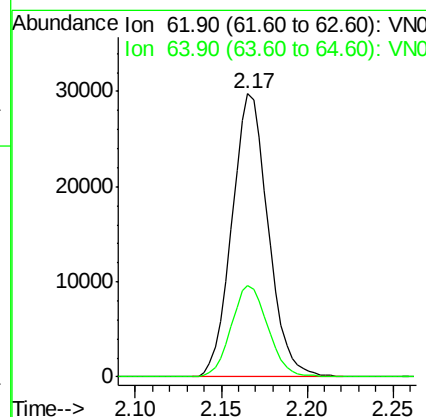
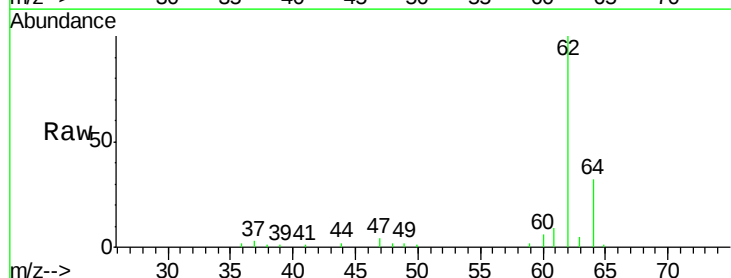
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01

Tgt Ion: 50 Resp: 38672
 Ion Ratio Lower Upper
 50 100
 52 32.7 25.6 38.4



#4
 Vinyl Chloride
 Concen: 17.69 ug/l
 RT: 2.17 min Scan# 122
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Tgt Ion: 62 Resp: 43607
 Ion Ratio Lower Upper
 62 100
 64 32.3 25.9 38.9





#5

Bromomethane

Concen: 18.83 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

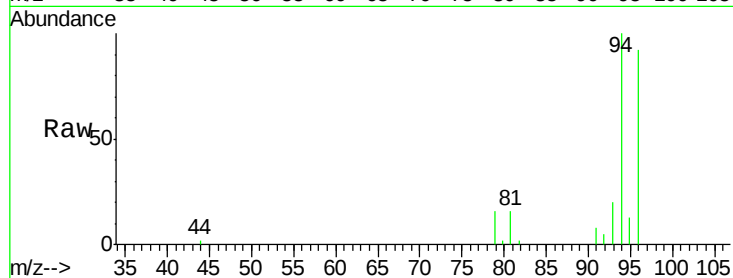
VN0224WBS01

Tgt Ion: 94 Resp: 28464

Ion Ratio Lower Upper

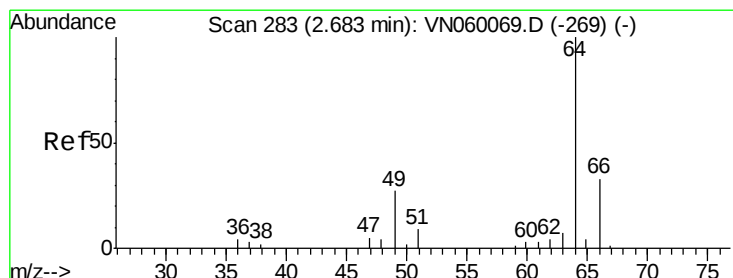
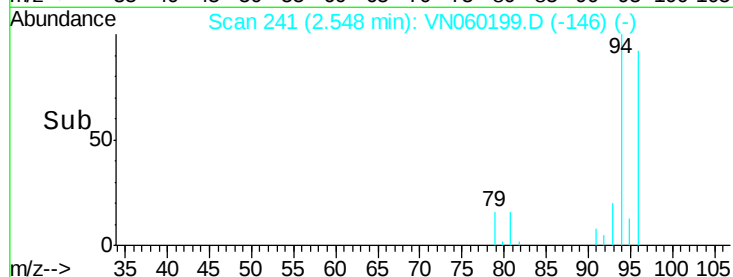
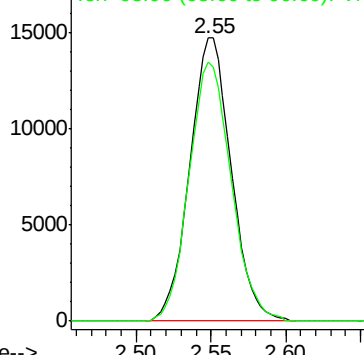
94 100

96 91.7 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: 18.64 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060199.D

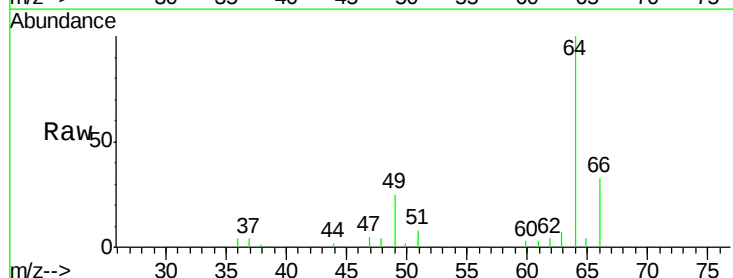
Acq: 24 Feb 2020 10:57

Tgt Ion: 64 Resp: 23245

Ion Ratio Lower Upper

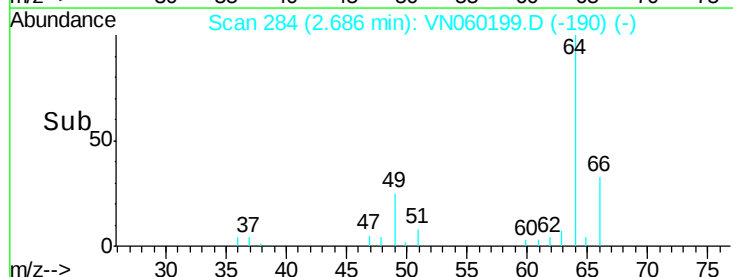
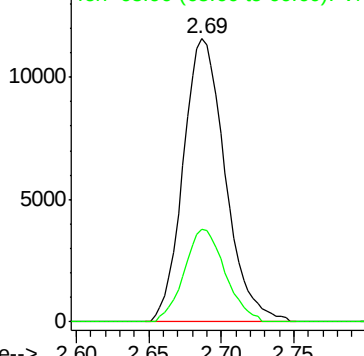
64 100

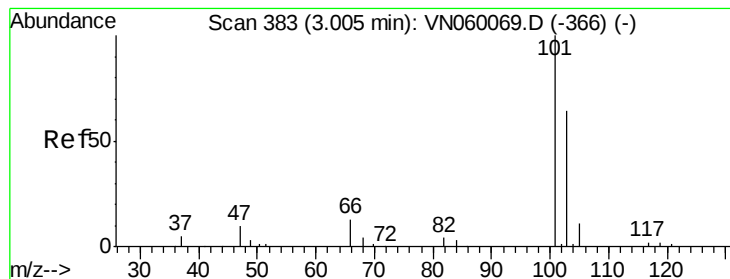
66 32.5 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



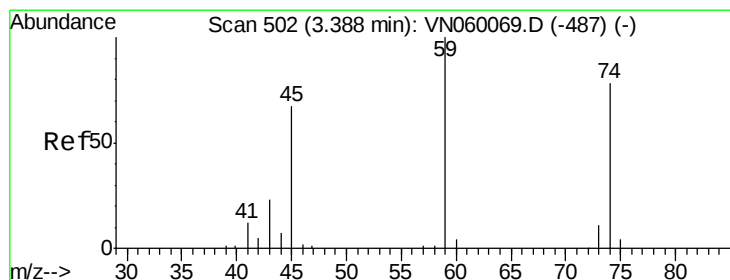
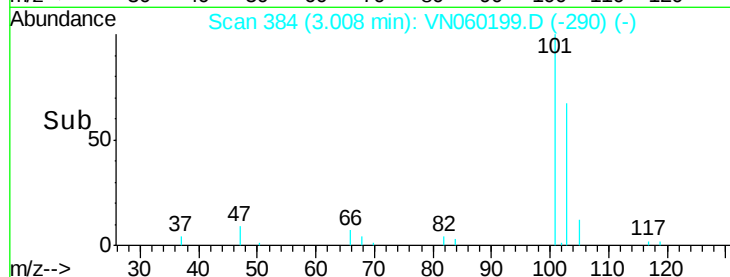
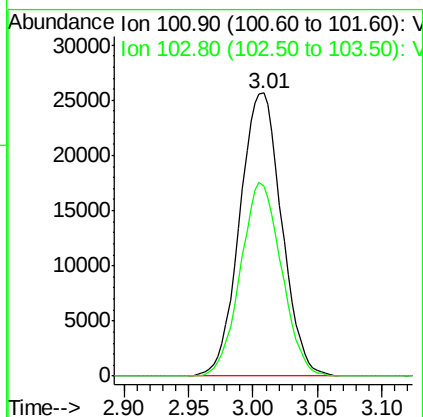
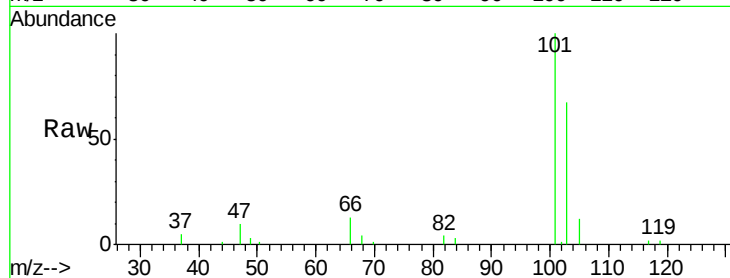


#7

Trichlorofluoromethane
 Concen: 18.27 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Instrument :
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 ClientSampleId :
 VN0224WBS01

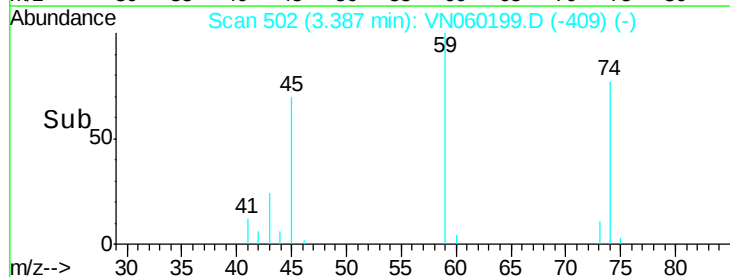
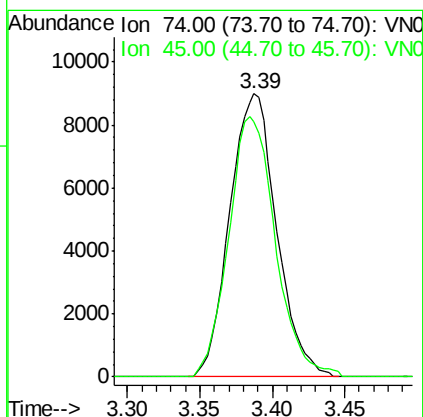
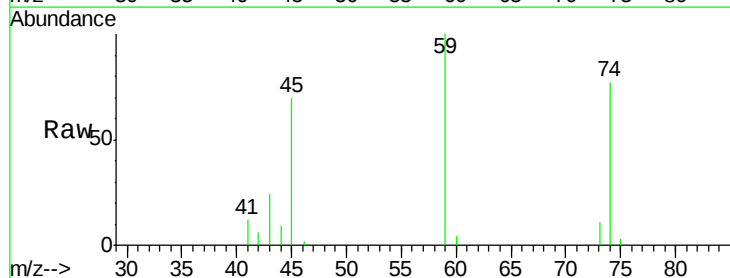
Tgt Ion: 101 Resp: 58074
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.0 76.6

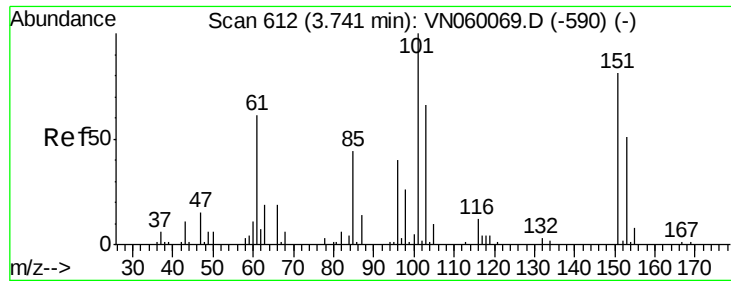


#8

Diethyl Ether
 Concen: 19.08 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Tgt Ion: 74 Resp: 20183
 Ion Ratio Lower Upper
 74 100
 45 91.9 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.84 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampled :

VN0224WBS01

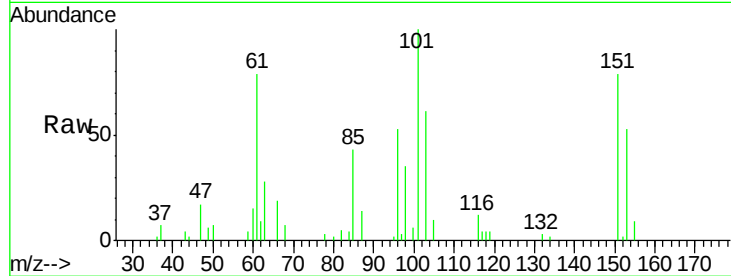
Tgt Ion:101 Resp: 33243

Ion Ratio Lower Upper

101 100

85 44.9 35.1 52.7

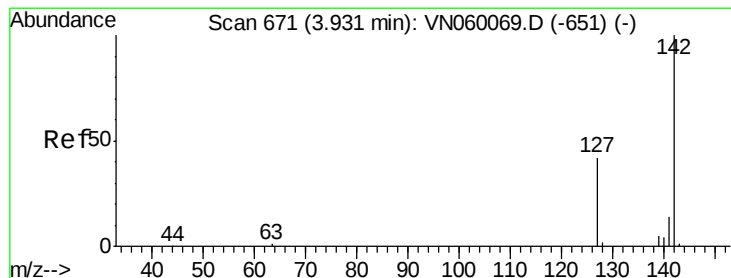
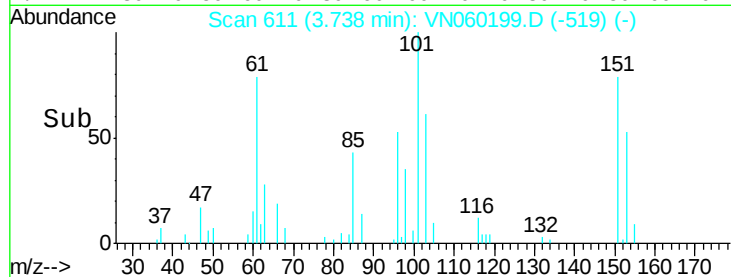
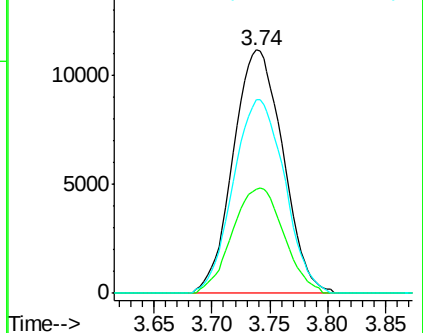
151 82.1 65.8 98.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.22 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

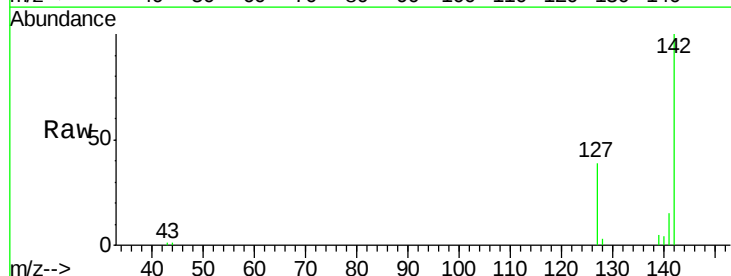
Tgt Ion:142 Resp: 41754

Ion Ratio Lower Upper

142 100

127 40.9 33.6 50.4

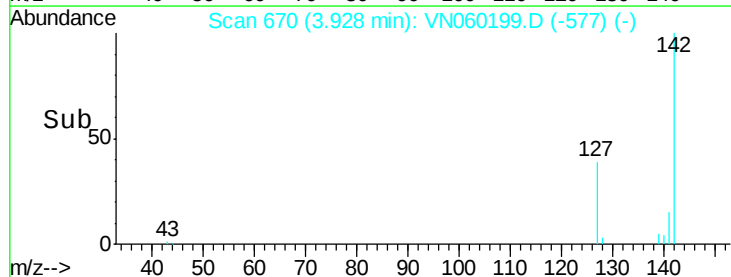
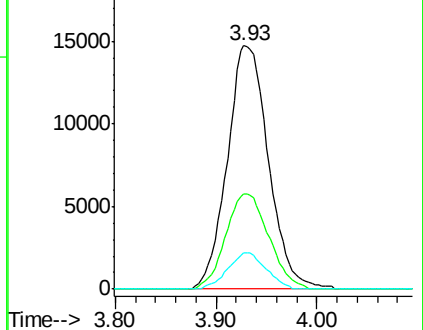
141 13.8 11.4 17.2

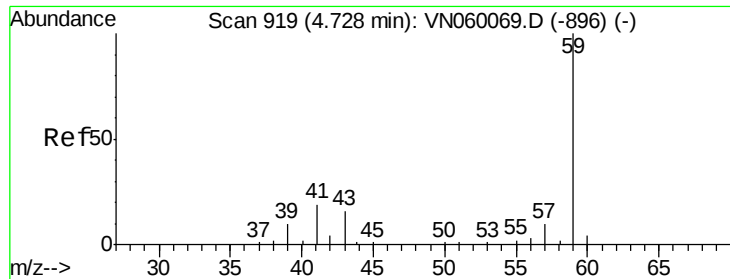


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 93.29 ug/l

RT: 4.72 min Scan# 918

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

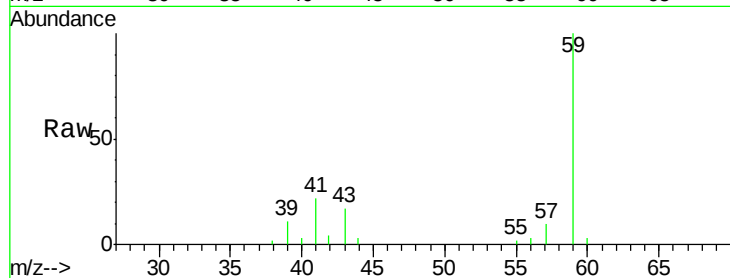
VN0224WBS01

Tgt Ion: 59 Resp: 30885

Ion Ratio Lower Upper

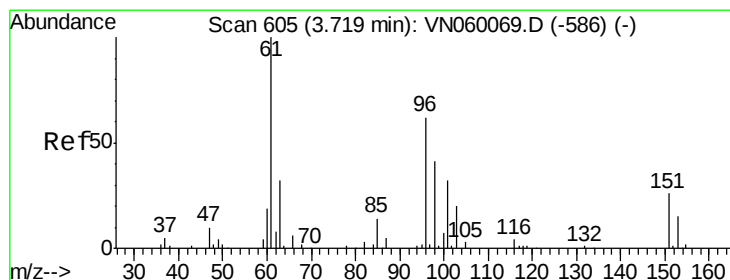
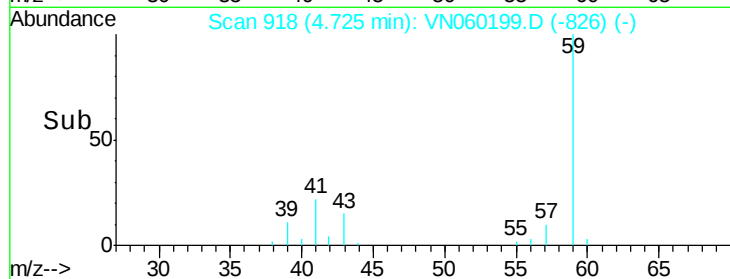
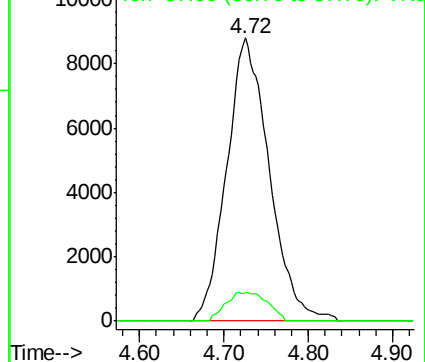
59 100

57 10.0 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: 18.47 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

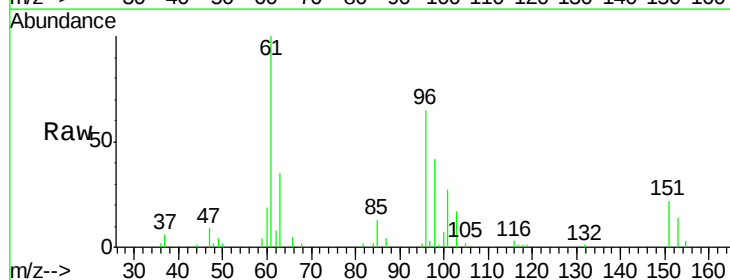
Tgt Ion: 96 Resp: 31748

Ion Ratio Lower Upper

96 100

61 154.8 128.3 192.5

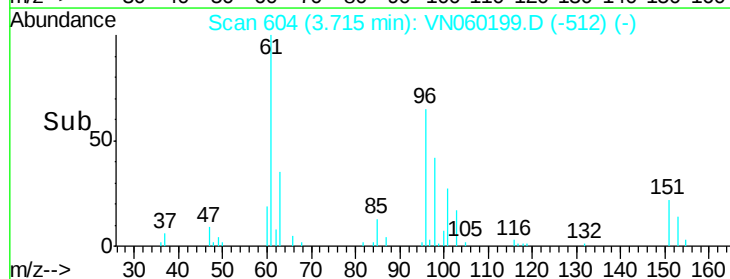
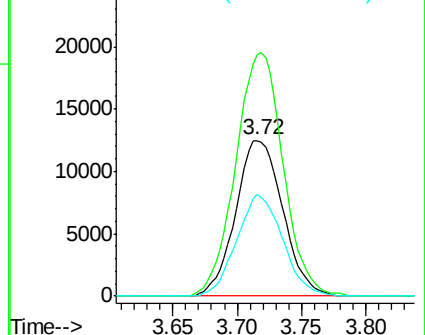
98 65.2 52.2 78.4

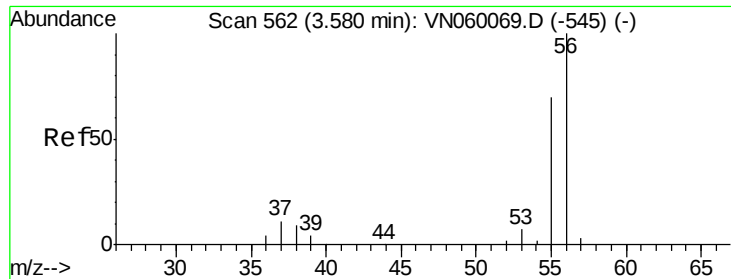


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 87.71 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampled :

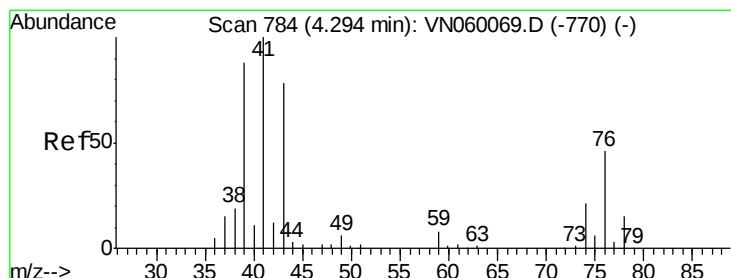
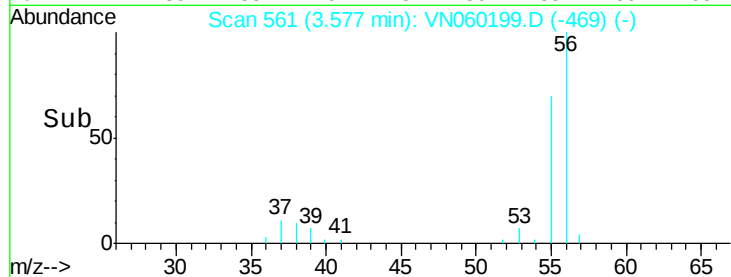
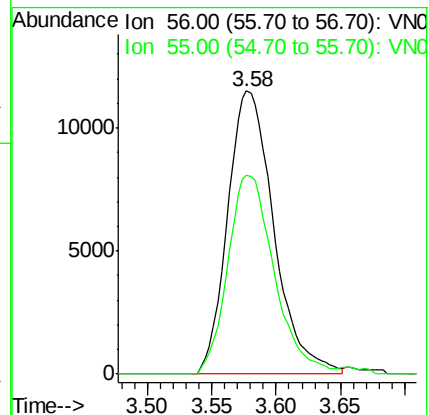
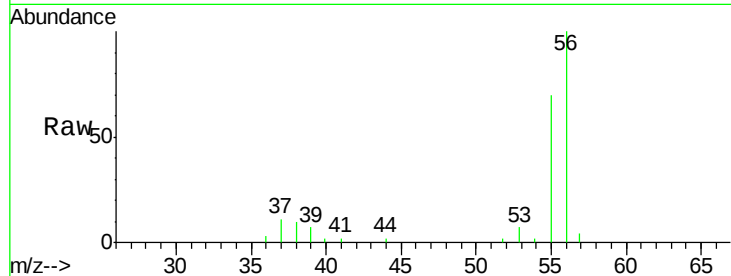
VN0224WBS01

Tgt Ion: 56 Resp: 28703

Ion Ratio Lower Upper

56 100

55 70.4 54.8 82.2



#14

Allyl chloride

Concen: 18.31 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

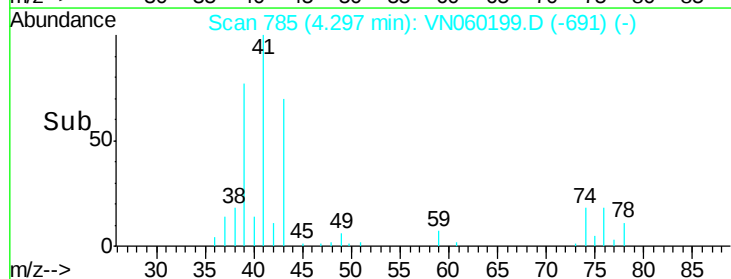
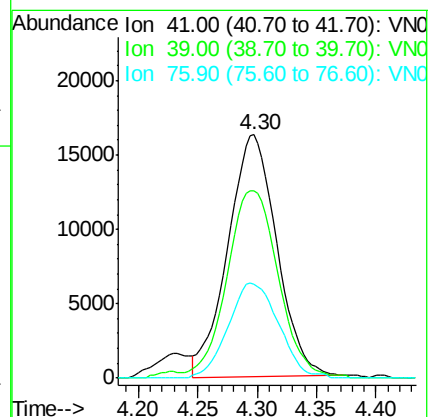
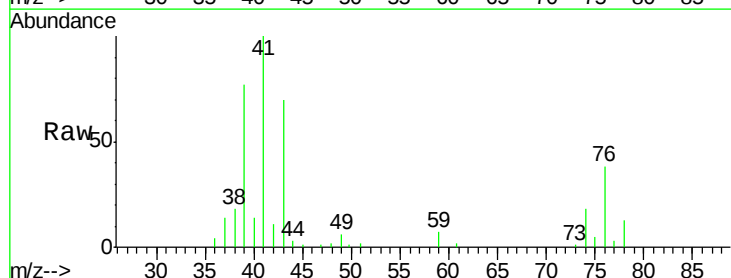
Tgt Ion: 41 Resp: 46326

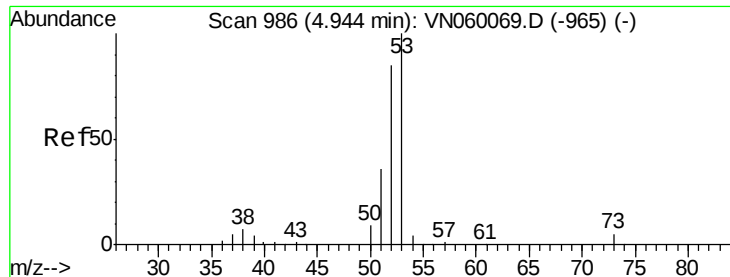
Ion Ratio Lower Upper

41 100

39 81.7 67.8 101.8

76 40.5 33.9 50.9





#15

Acrylonitrile

Concen: 95.94 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

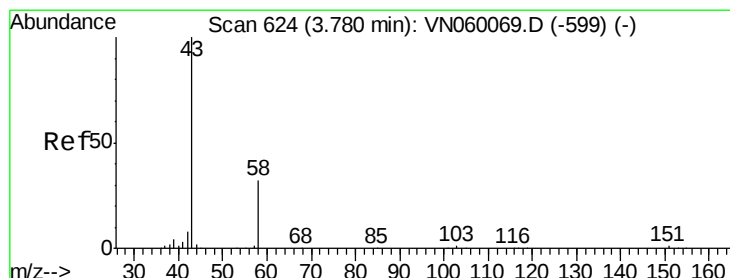
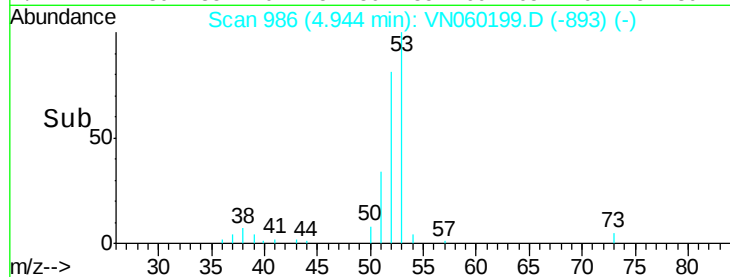
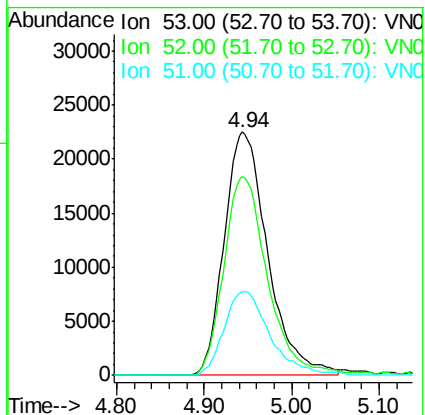
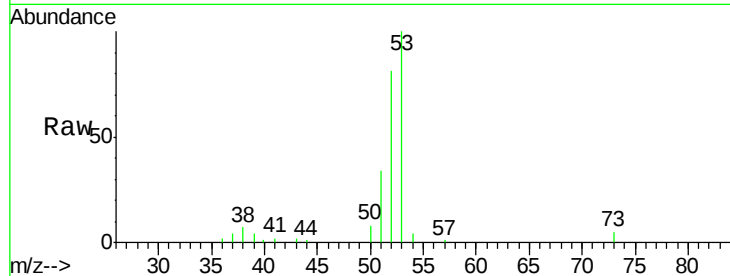
Tgt Ion: 53 Resp: 77568

Ion Ratio Lower Upper

53 100

52 81.8 66.8 100.2

51 36.4 29.4 44.0



#16

Acetone

Concen: 79.87 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060199.D

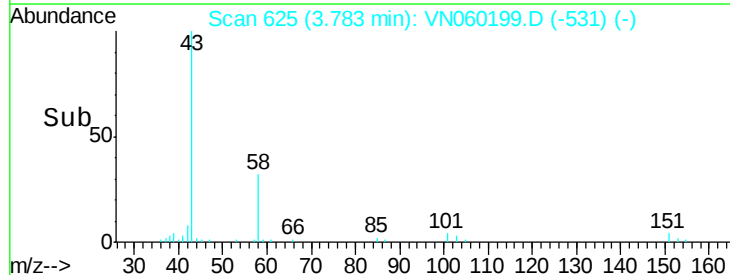
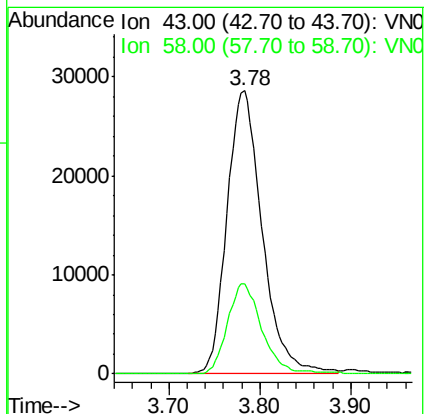
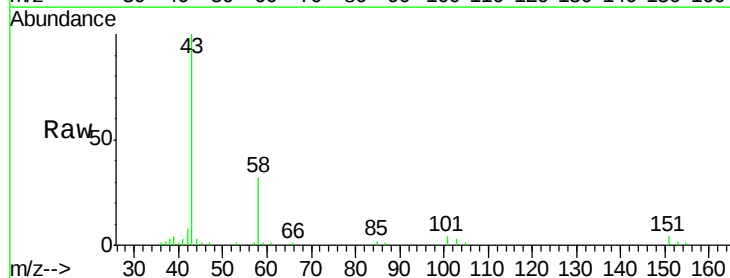
Acq: 24 Feb 2020 10:57

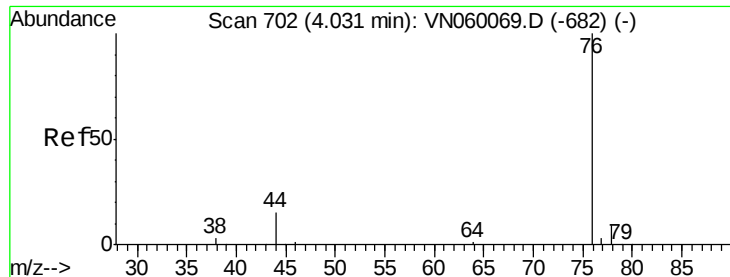
Tgt Ion: 43 Resp: 77073

Ion Ratio Lower Upper

43 100

58 31.7 25.2 37.8

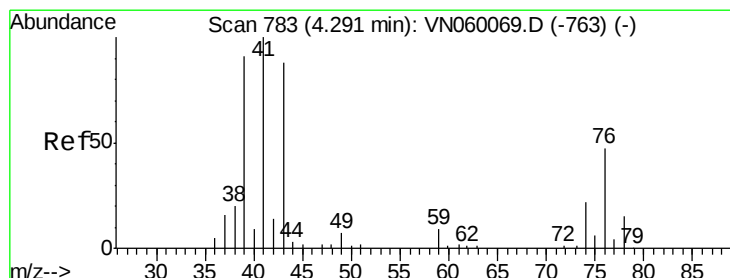
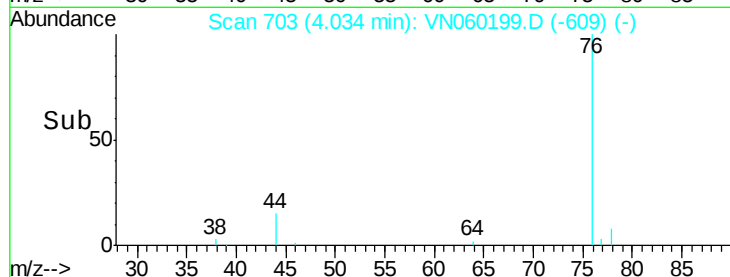
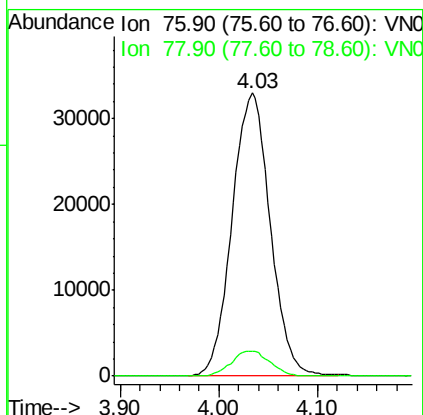
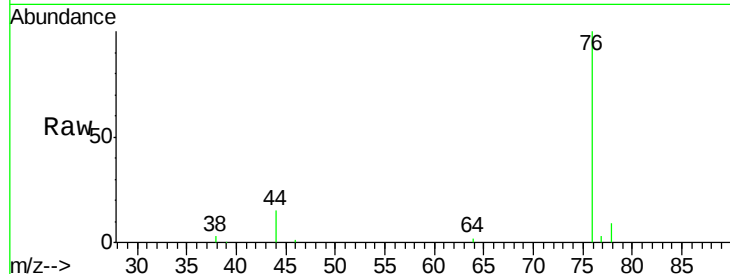




#17
Carbon Disulfide
Concen: 17.09 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

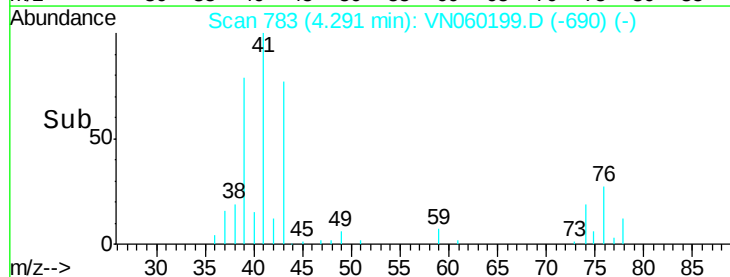
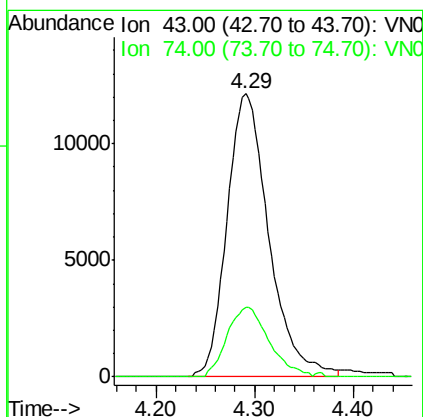
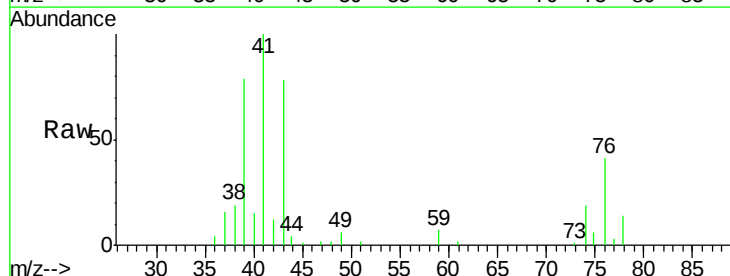
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

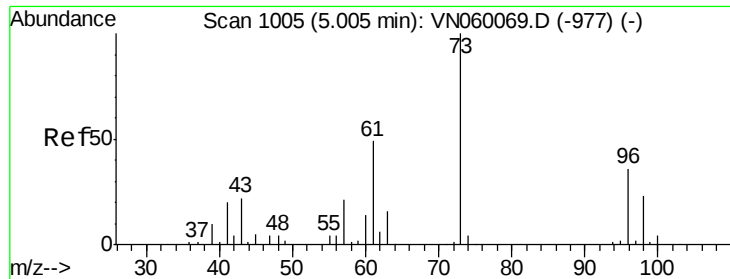
Tgt Ion: 76 Resp: 88544
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 19.75 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion: 43 Resp: 35810
Ion Ratio Lower Upper
43 100
74 24.6 20.3 30.5

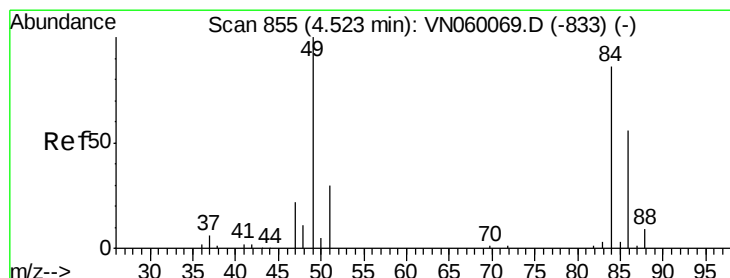
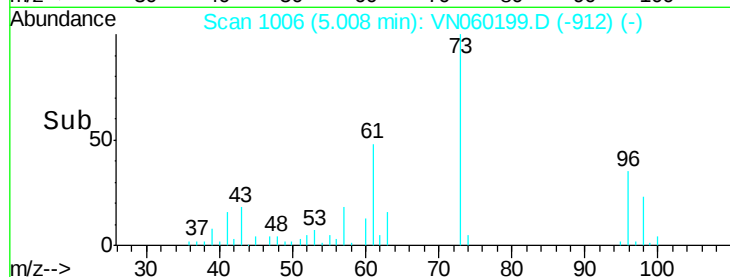
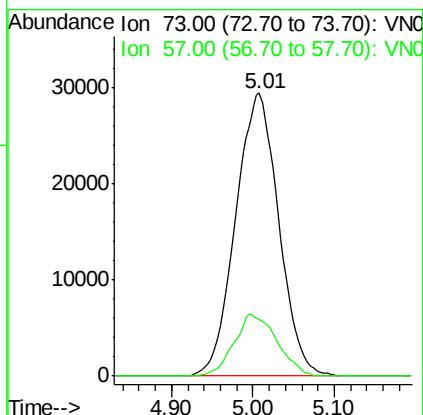
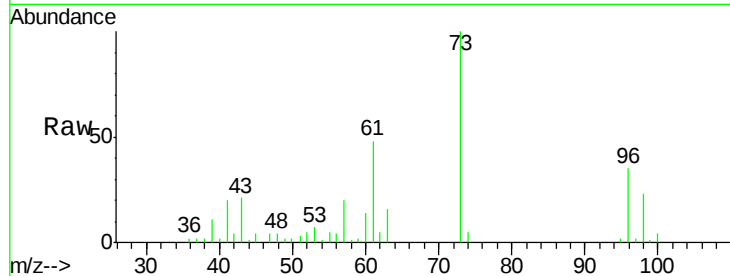




#19
Methyl tert-butyl Ether
Concen: 18.66 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. 0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

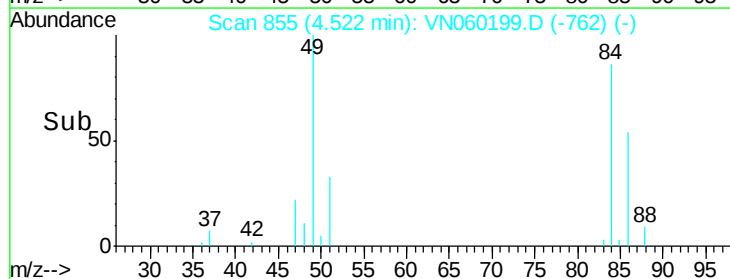
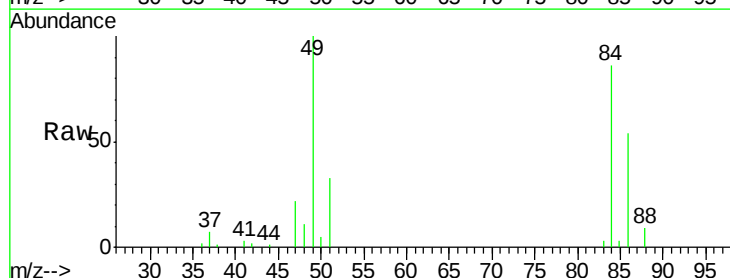
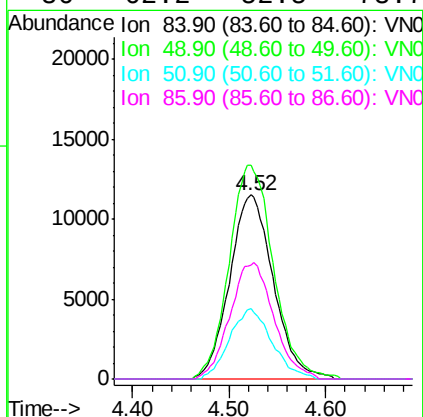
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

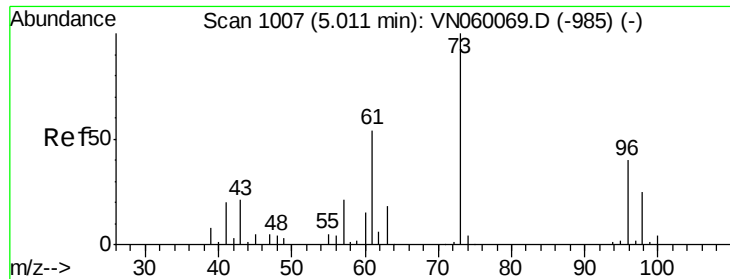
Tgt Ion: 73 Resp: 107842
Ion Ratio Lower Upper
73 100
57 20.0 17.2 25.8



#20
Methylene Chloride
Concen: 18.78 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion: 84 Resp: 36152
Ion Ratio Lower Upper
84 100
49 115.9 93.4 140.0
51 37.9 28.4 42.6
86 62.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.52 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

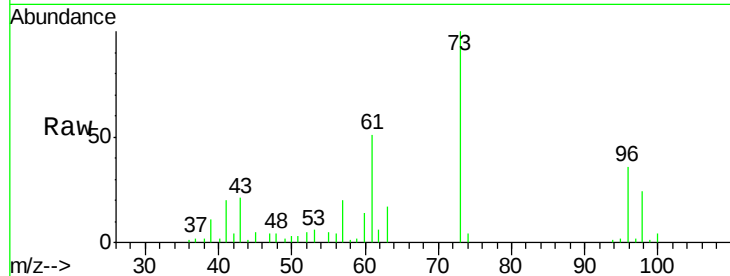
Tgt Ion: 96 Resp: 34695

Ion Ratio Lower Upper

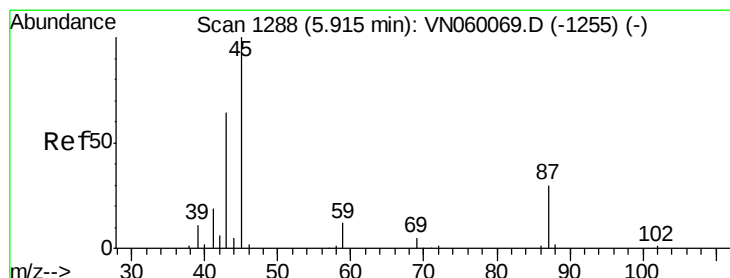
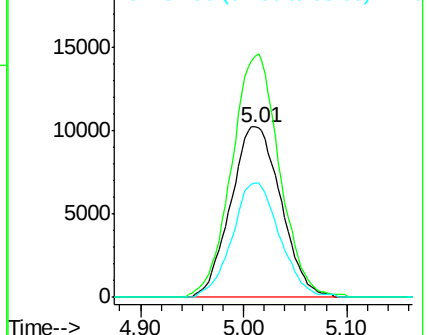
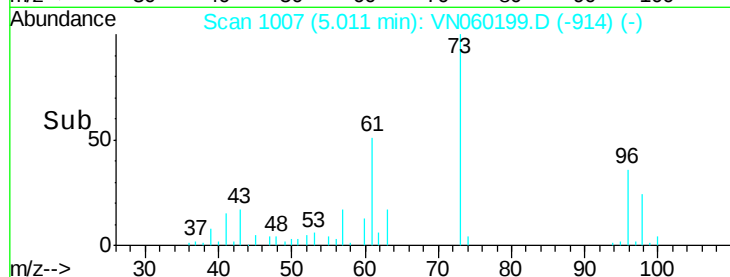
96 100

61 140.0 109.3 163.9

98 67.2 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VN060199.D (-914) (-)



#22

Diisopropyl ether

Concen: 19.11 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Tgt Ion: 45 Resp: 105937

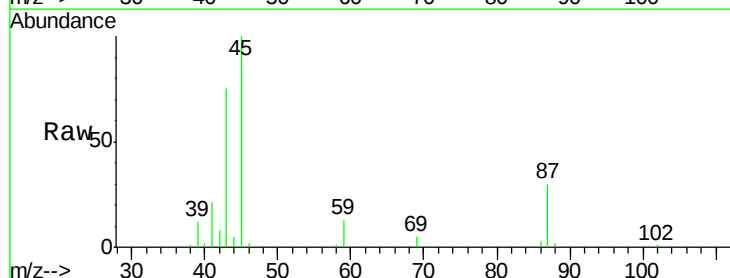
Ion Ratio Lower Upper

45 100

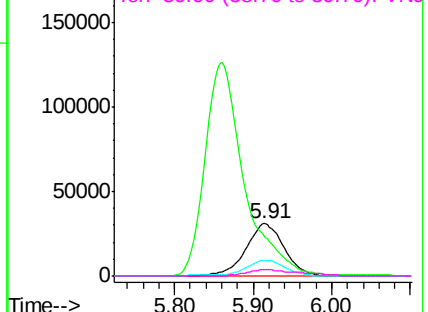
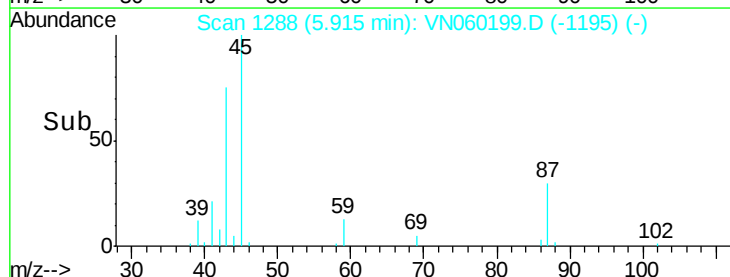
43 71.8 55.9 83.9

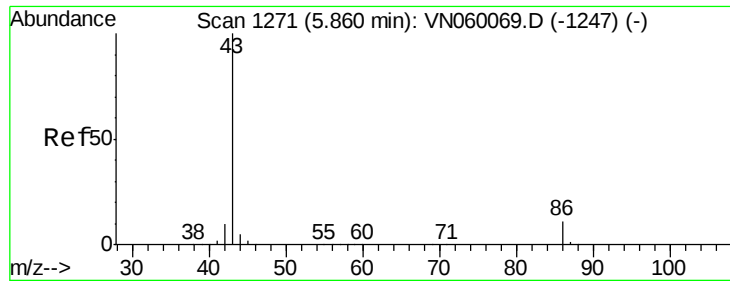
87 30.3 24.5 36.7

59 12.8 9.9 14.9



Abundance Ion 45.00 (44.70 to 45.70): VN060199.D (-1195) (-)

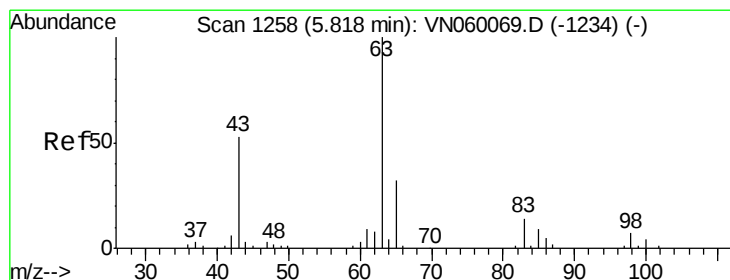
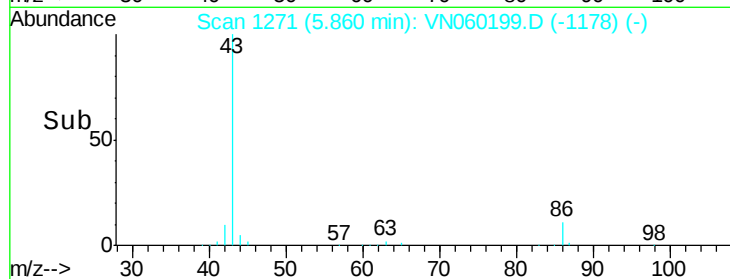
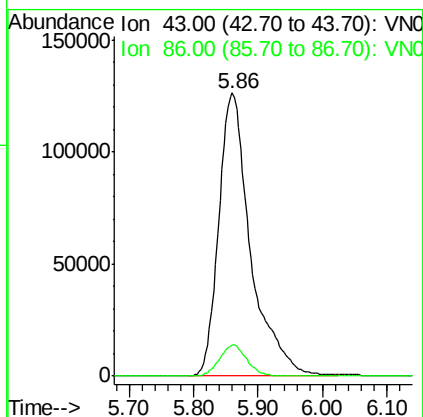
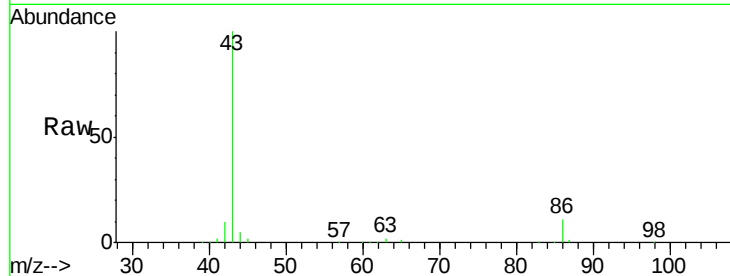




#23
 Vinyl Acetate
 Concen: 93.44 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

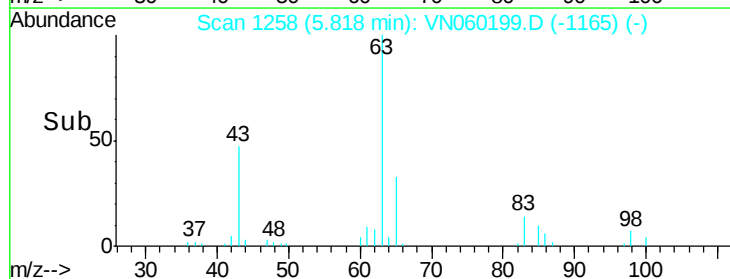
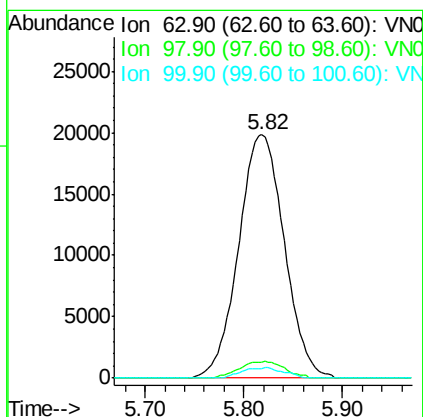
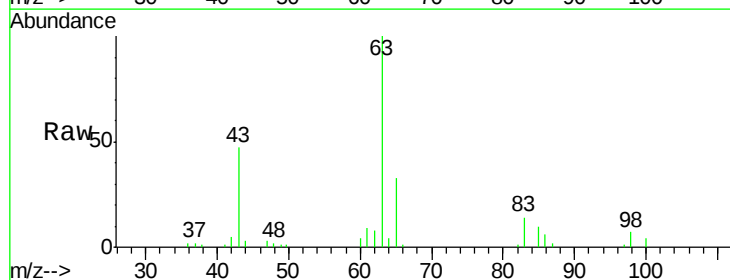
Instrument :
 MSVOA_N
 ClientSampled :
 VN0224WBS01

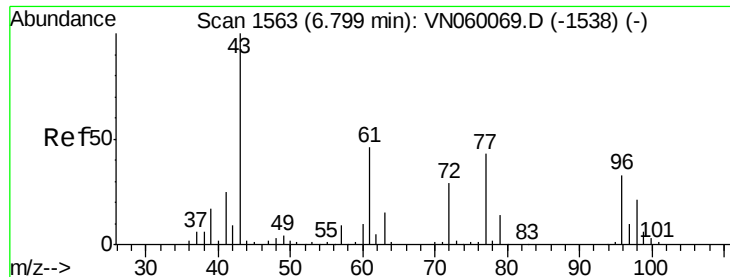
Tgt Ion: 43 Resp: 435072
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 18.93 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Tgt Ion: 63 Resp: 63588
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 4.0 2.2 6.6

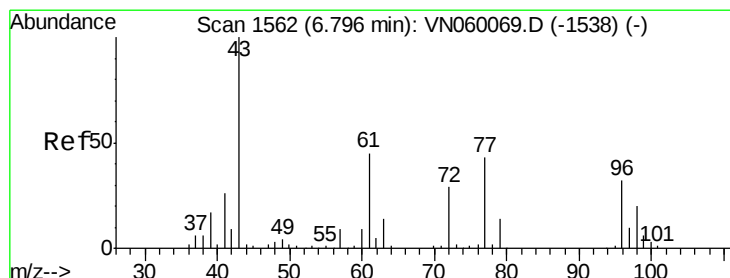
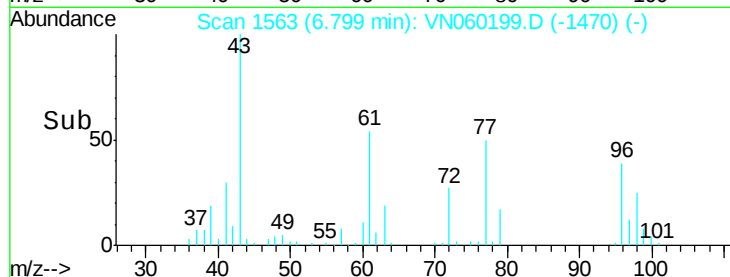
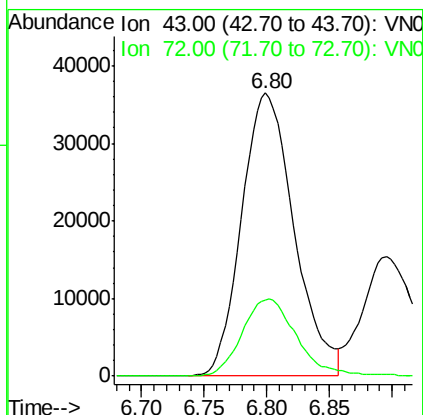
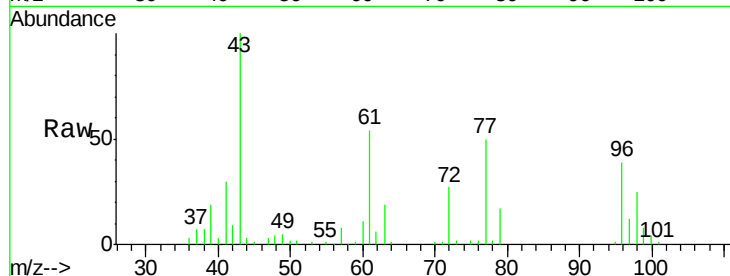




#25
2-Butanone
Concen: 87.47 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

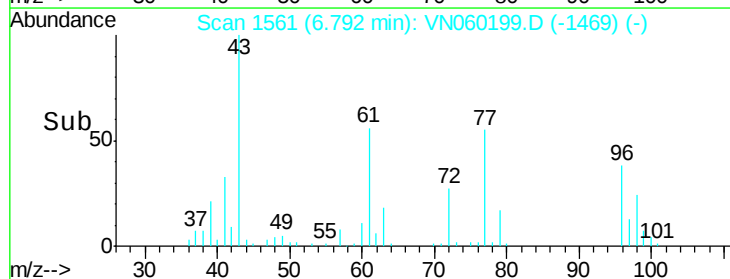
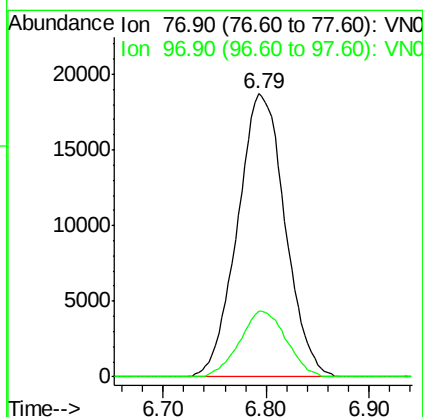
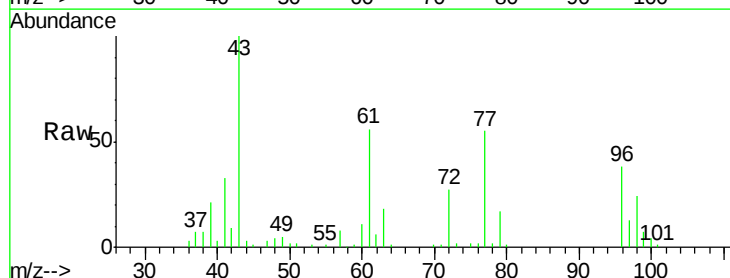
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

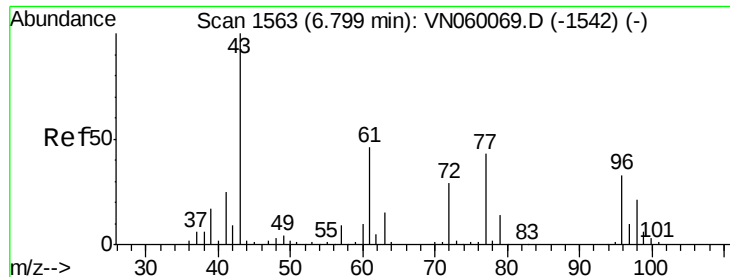
Tgt Ion: 43 Resp: 106166
Ion Ratio Lower Upper
43 100
72 27.1 23.3 34.9



#26
2,2-Dichloropropane
Concen: 18.80 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion: 77 Resp: 59996
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 18.57 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampled :

VN0224WBS01

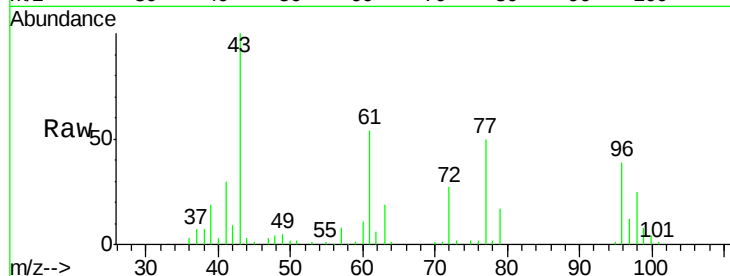
Tgt Ion: 96 Resp: 40724

Ion Ratio Lower Upper

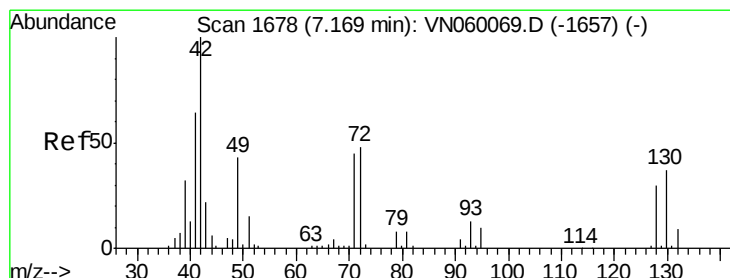
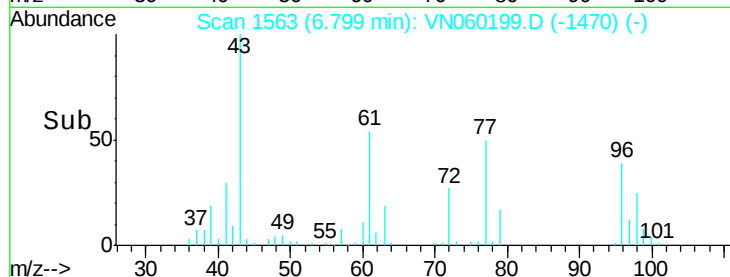
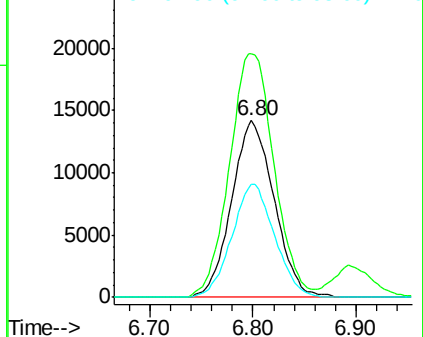
96 100

61 144.4 0.0 285.8

98 64.1 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: 19.56 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

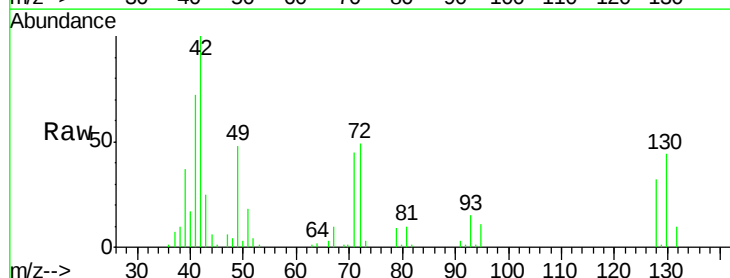
Tgt Ion: 49 Resp: 25833

Ion Ratio Lower Upper

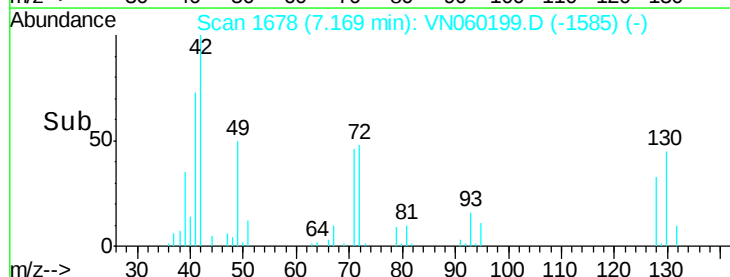
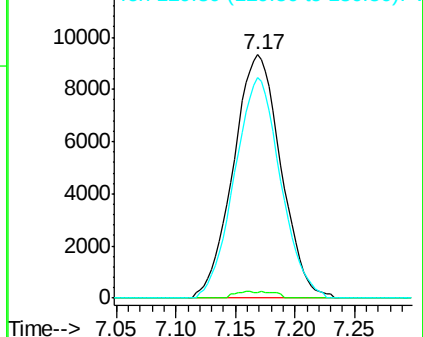
49 100

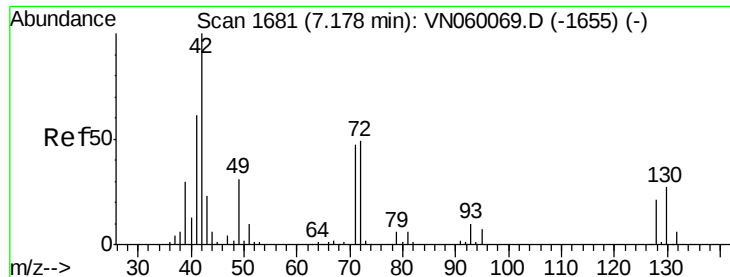
129 2.3 0.0 2.2#

130 87.5 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

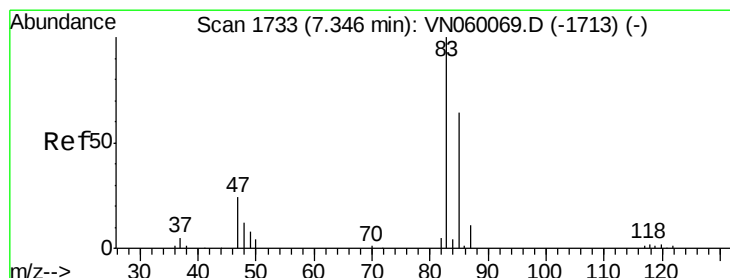
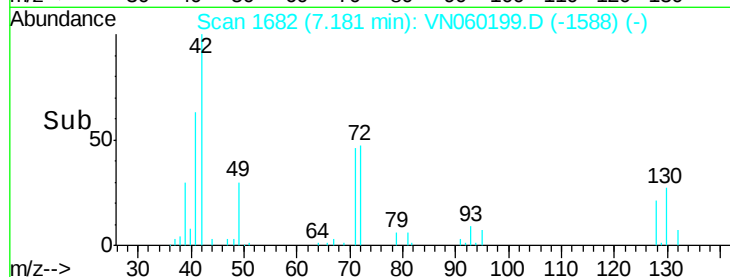
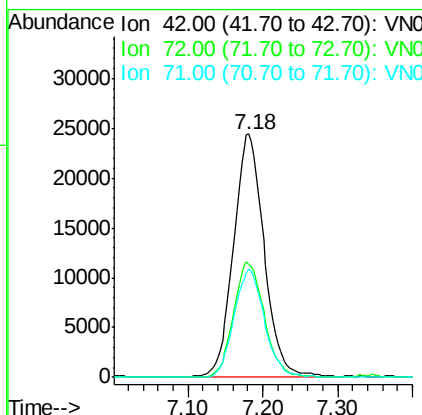
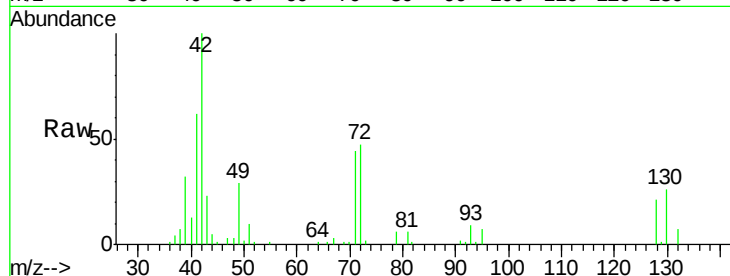




#29
Tetrahydrofuran
Concen: 93.54 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

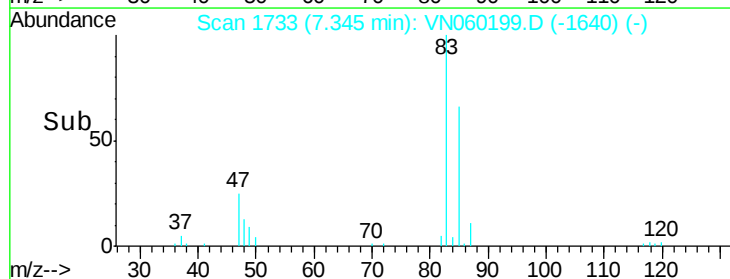
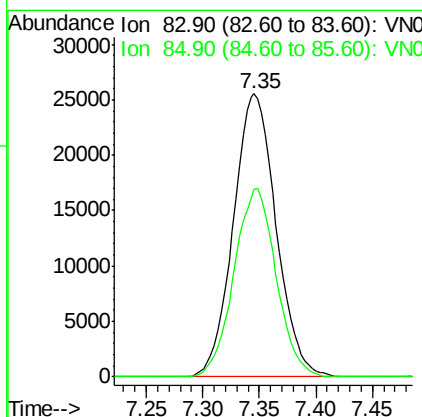
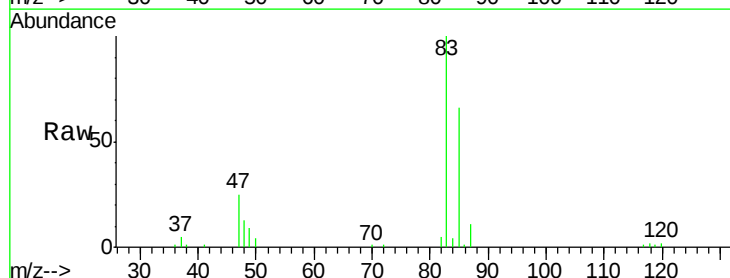
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

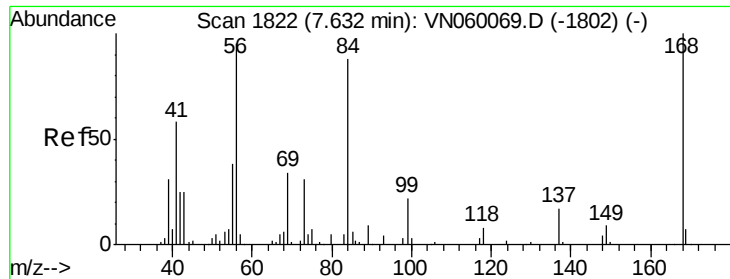
Tgt Ion: 42 Resp: 69647
Ion Ratio Lower Upper
42 100
72 47.3 38.2 57.4
71 43.8 36.6 54.8



#30
Chloroform
Concen: 19.06 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion: 83 Resp: 67078
Ion Ratio Lower Upper
83 100
85 66.3 51.4 77.0

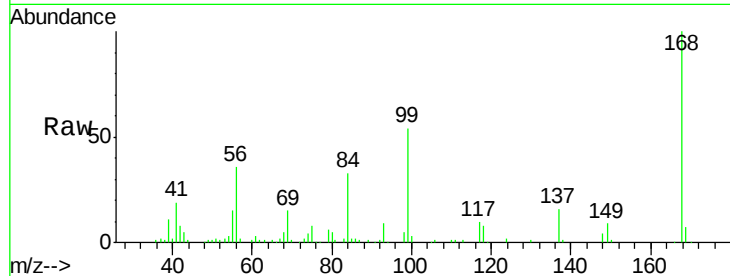




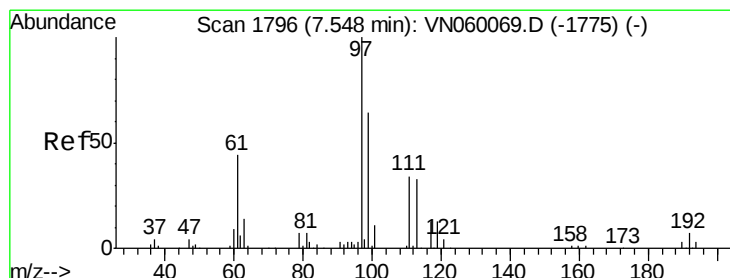
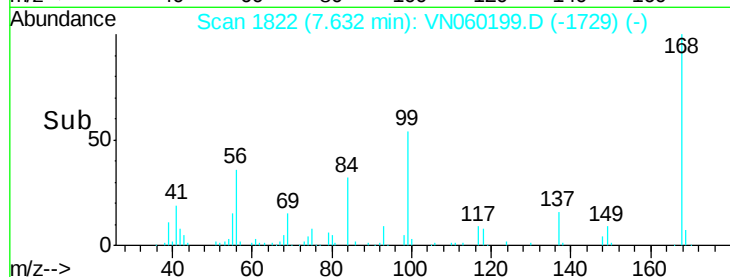
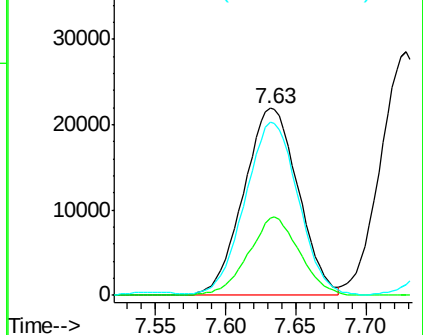
#31
Cyclohexane
Concen: 18.91 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tgt Ion: 56 Resp: 59170
Ion Ratio Lower Upper
56 100
69 41.5 28.3 42.5
84 91.9 72.6 108.8

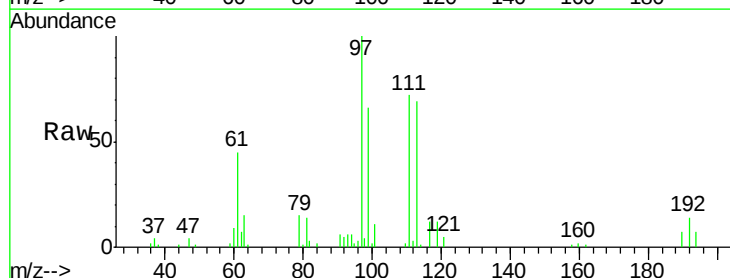


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

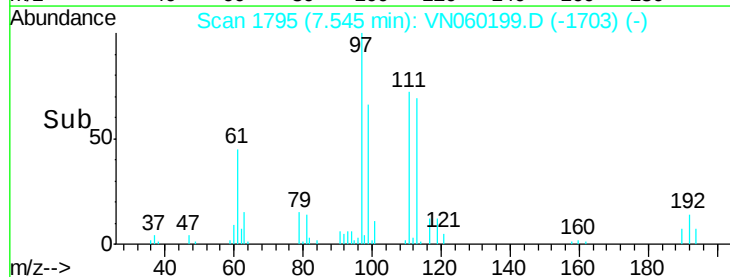
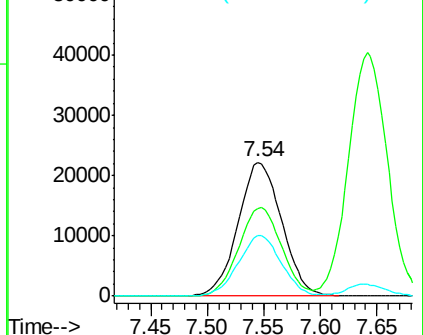


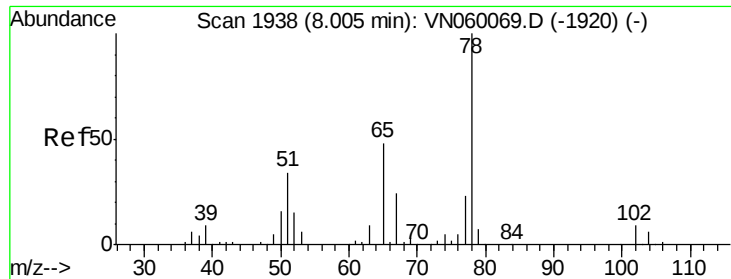
#32
1,1,1-Trichloroethane
Concen: 18.55 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion: 97 Resp: 59637
Ion Ratio Lower Upper
97 100
99 65.1 51.4 77.0
61 44.6 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

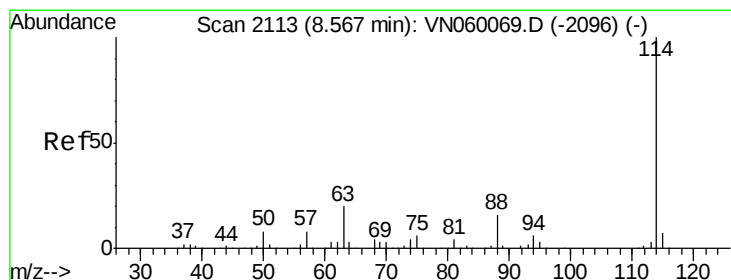
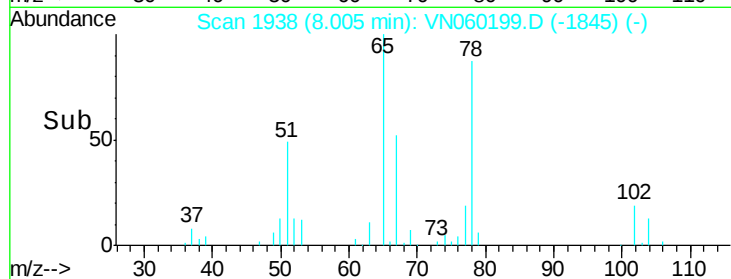
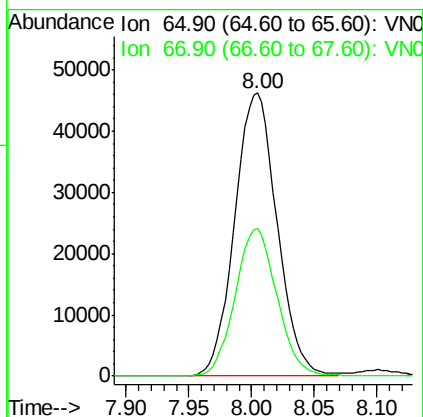
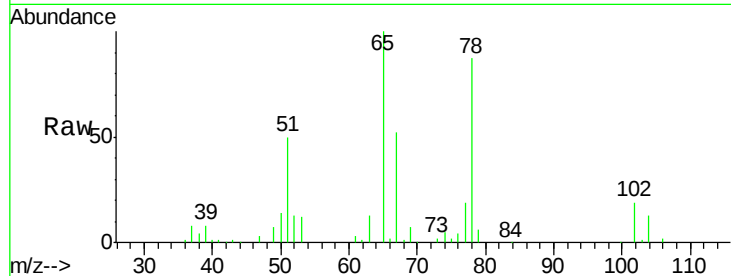




#33
 1,2-Dichloroethane-d4
 Concen: 49.09 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

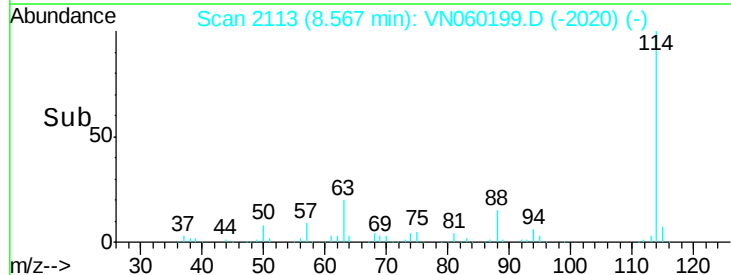
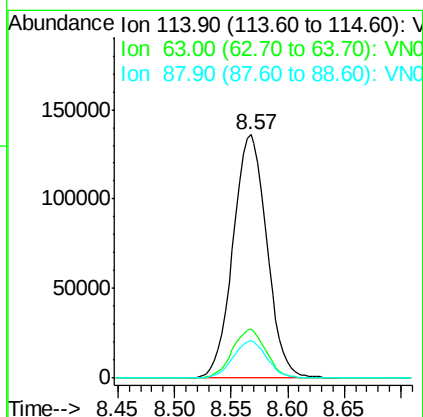
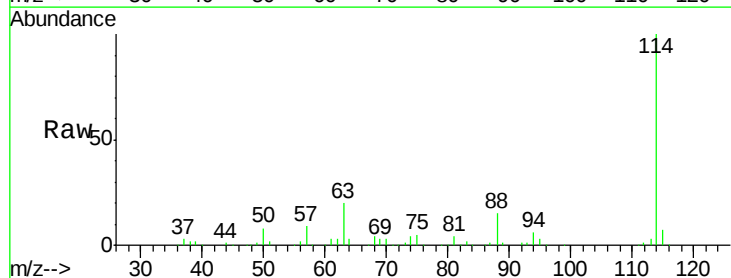
Instrument :
 MSVOA_N
 ClientSampled :
 VN0224WBS01

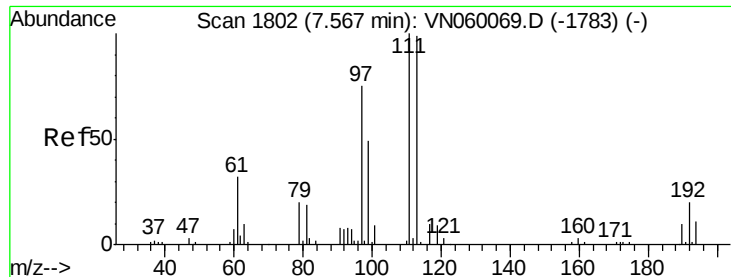
Tgt Ion: 65 Resp: 108613
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Tgt Ion: 114 Resp: 283428
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.2 0.0 31.6

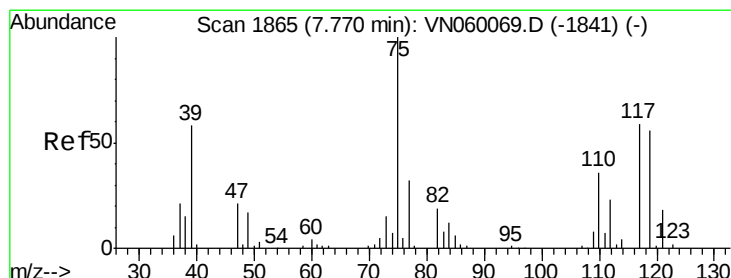
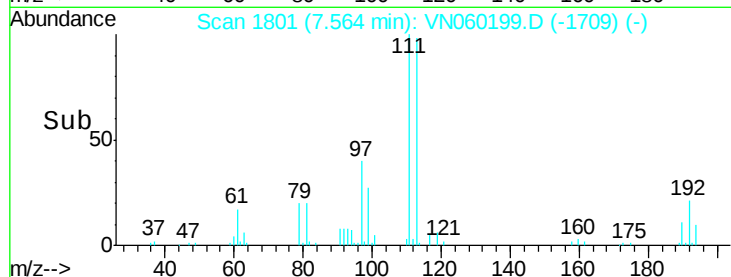
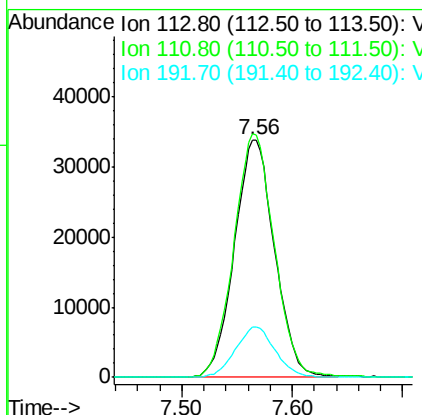
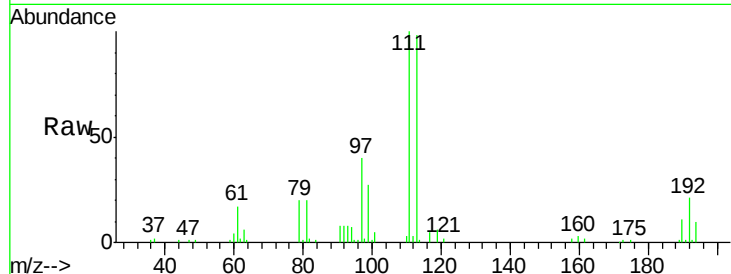




#35
 Dibromofluoromethane
 Concen: 48.96 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

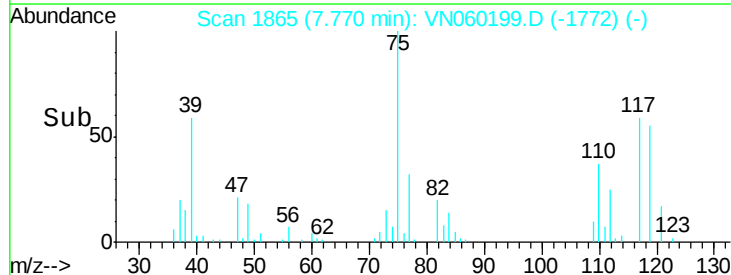
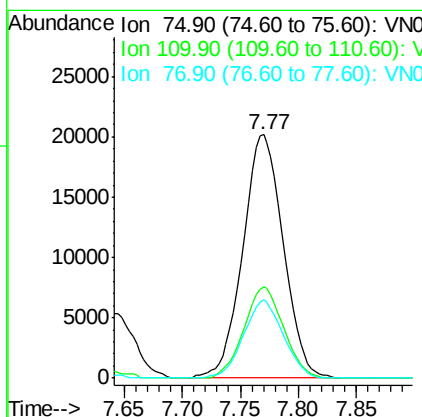
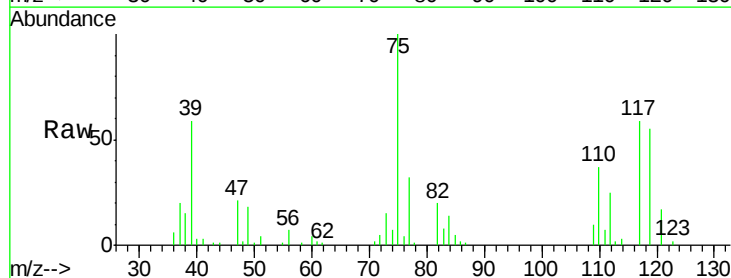
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01

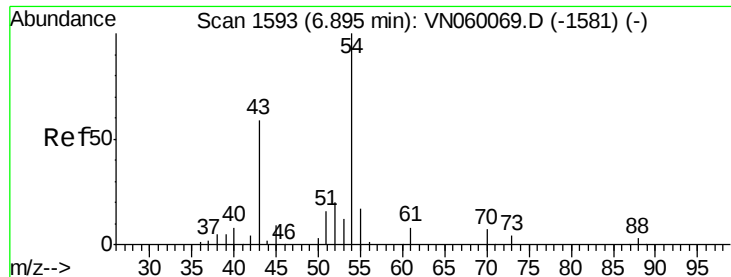
Tgt Ion: 113 Resp: 85300
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.4 122.2
 192 20.9 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 18.69 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Tgt Ion: 75 Resp: 49073
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.1 54.3
 77 31.5 25.1 37.7

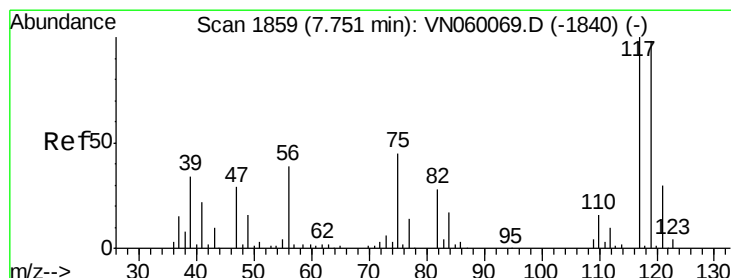
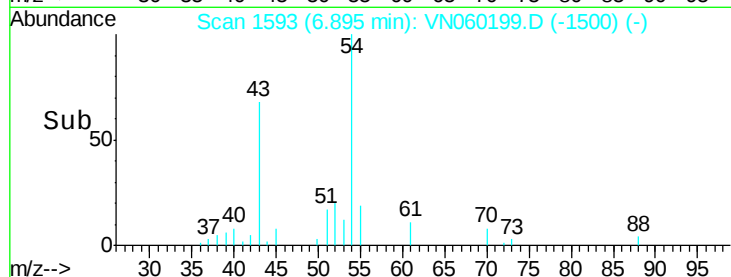
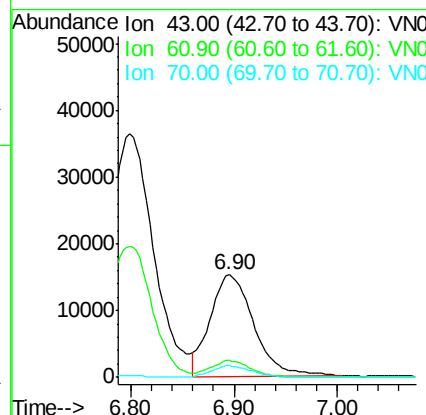
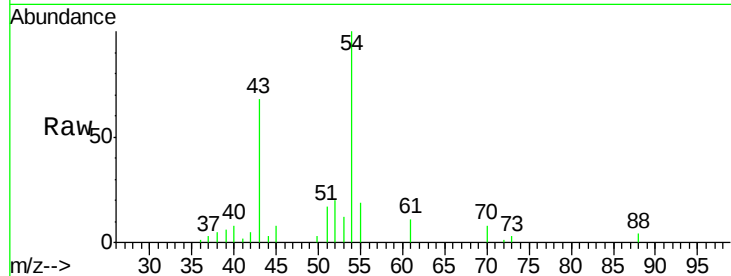




#37
Ethyl Acetate
Concen: 18.85 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

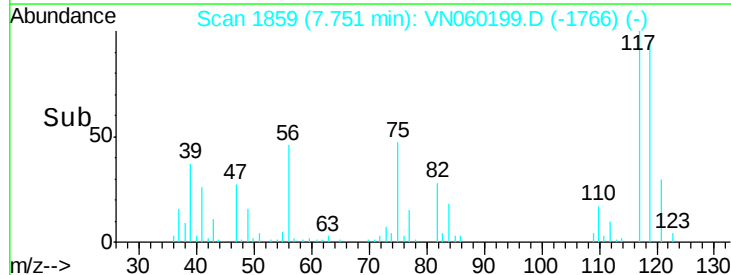
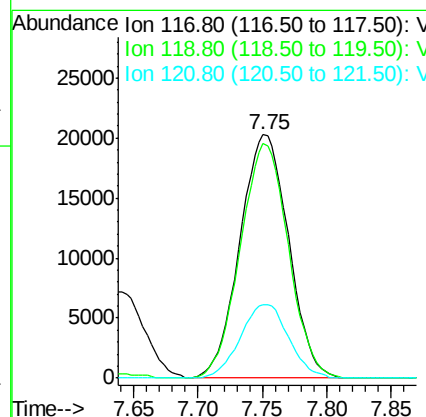
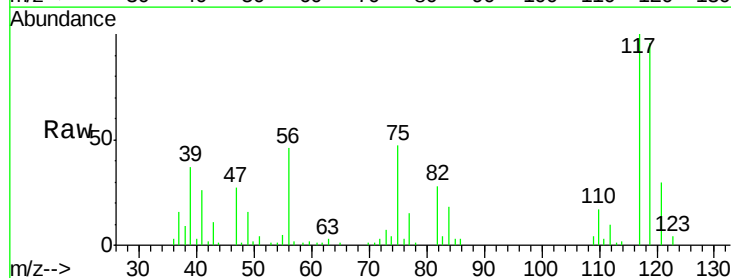
Instrument :
MSVOA_N
ClientSampled :
VN0224WBS01

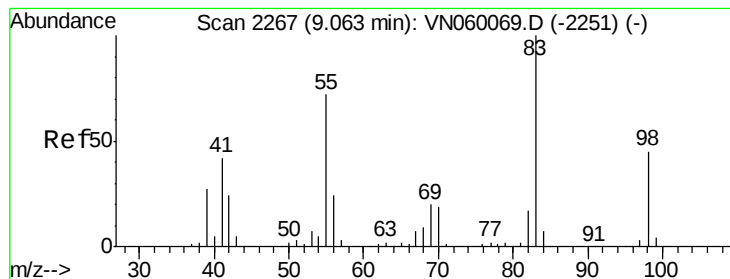
Tgt Ion: 43 Resp: 44721
Ion Ratio Lower Upper
43 100
61 15.5 11.4 17.2
70 10.3 8.7 13.1



#38
Carbon Tetrachloride
Concen: 18.67 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion: 117 Resp: 53225
Ion Ratio Lower Upper
117 100
119 96.1 78.2 117.4
121 30.3 24.2 36.2





#39

Methylcyclohexane

Concen: 18.35 ug/l

RT: 9.07 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

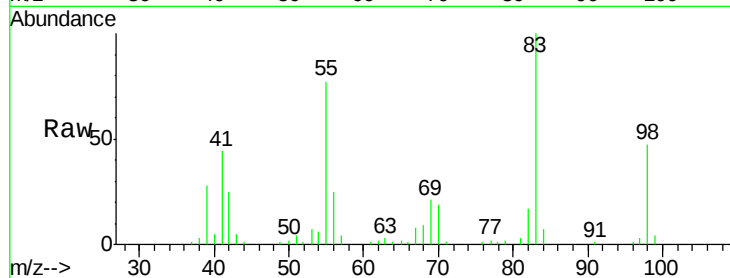
Tgt Ion: 83 Resp: 59799

Ion Ratio Lower Upper

83 100

55 76.8 57.8 86.8

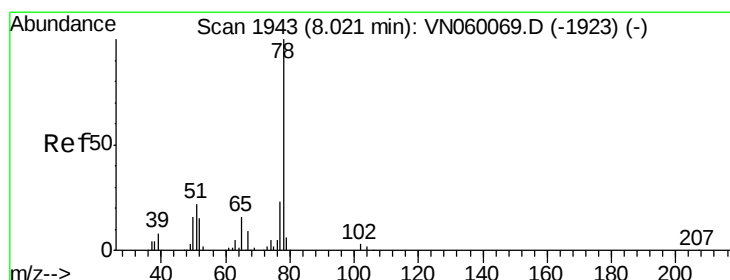
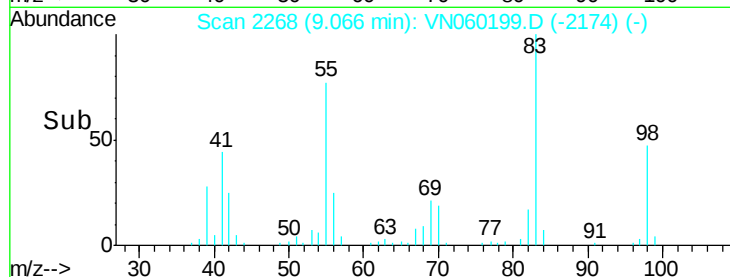
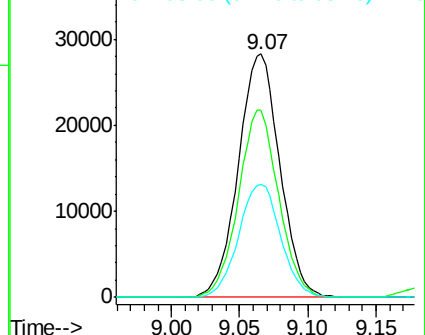
98 46.7 36.4 54.6



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 18.83 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN060199.D

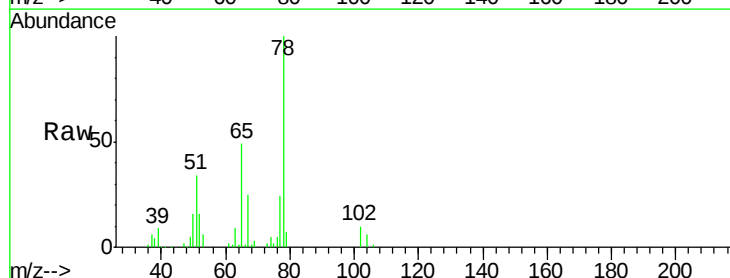
Acq: 24 Feb 2020 10:57

Tgt Ion: 78 Resp: 146669

Ion Ratio Lower Upper

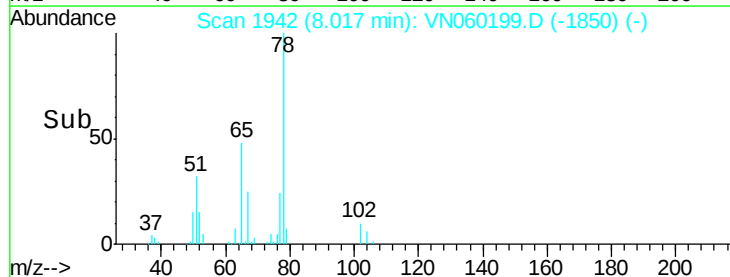
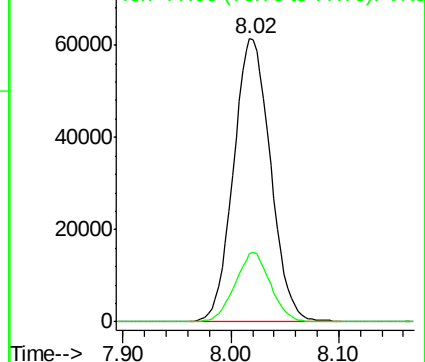
78 100

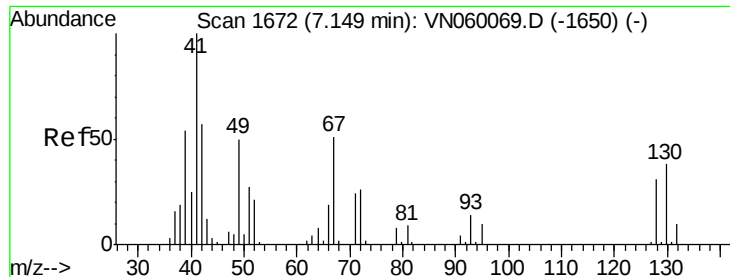
77 24.0 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

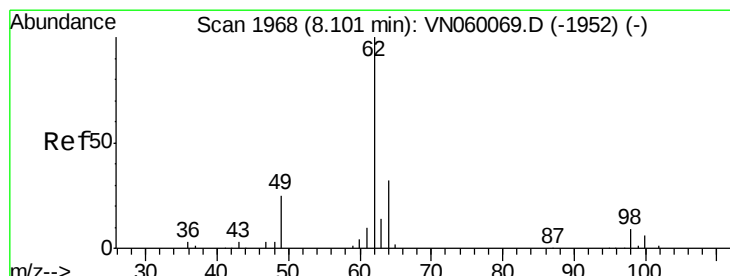
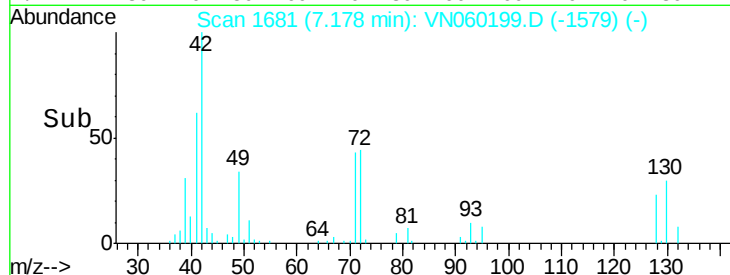
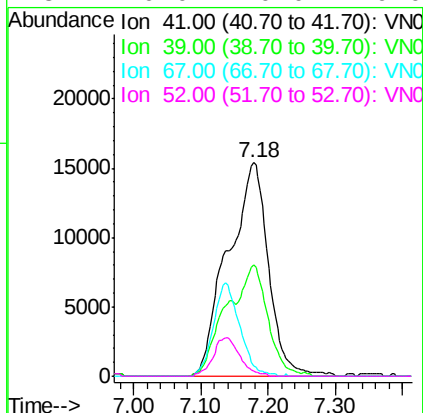
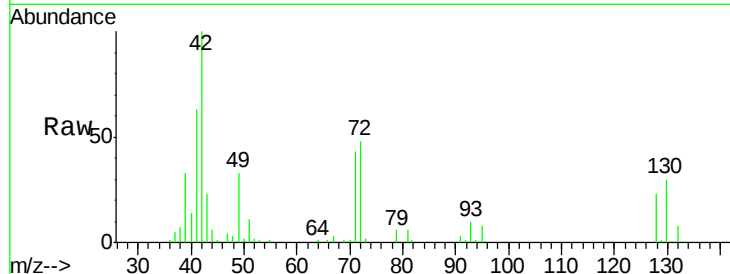




#41
Methacrylonitrile
Concen: 64.66 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

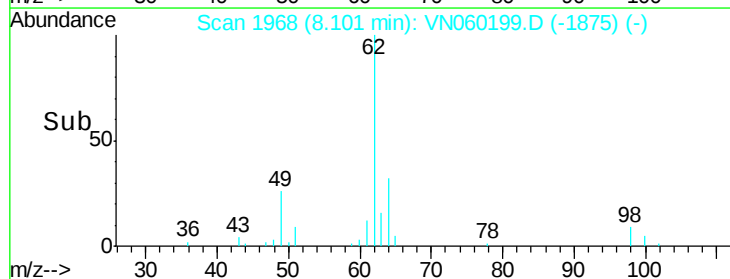
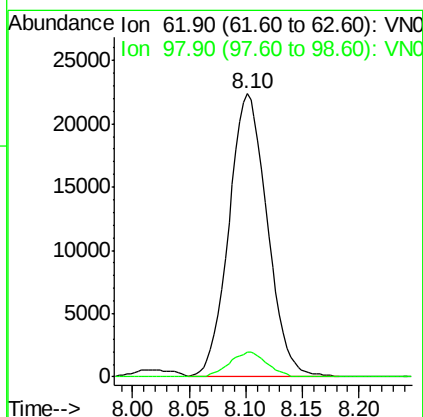
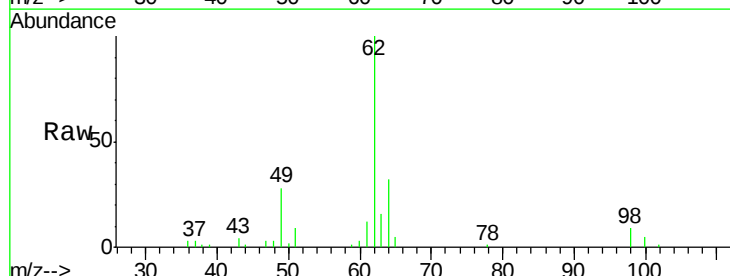
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

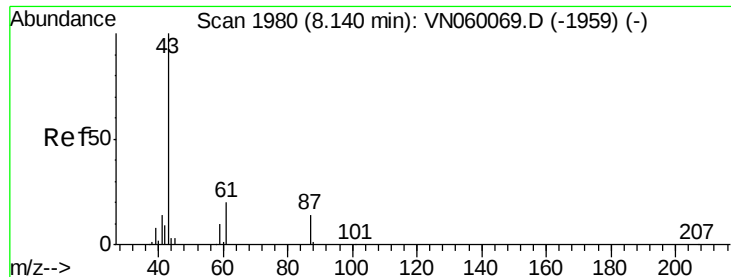
Tgt Ion:	41	Resp:	64334
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.32 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion:	62	Resp:	52724
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.2





#43

Isopropyl Acetate

Concen: 18.93 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

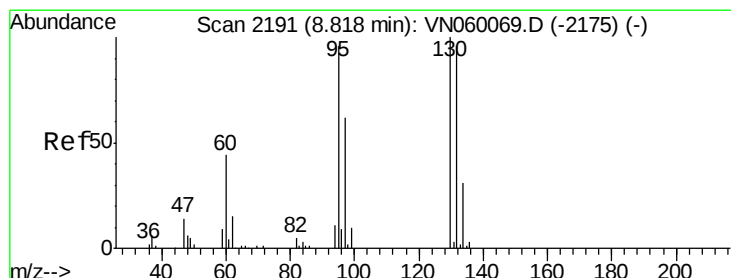
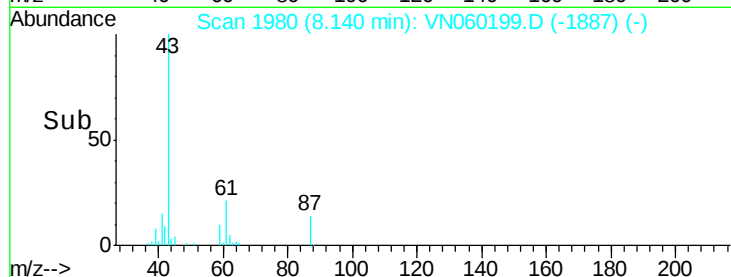
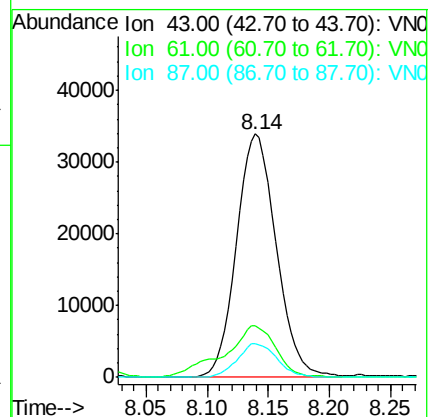
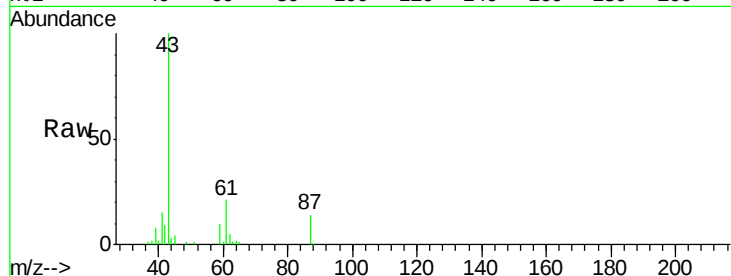
Tgt Ion: 43 Resp: 76761

Ion Ratio Lower Upper

43 100

61 27.5 21.8 32.6

87 13.6 11.4 17.2



#44

Trichloroethene

Concen: 18.68 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060199.D

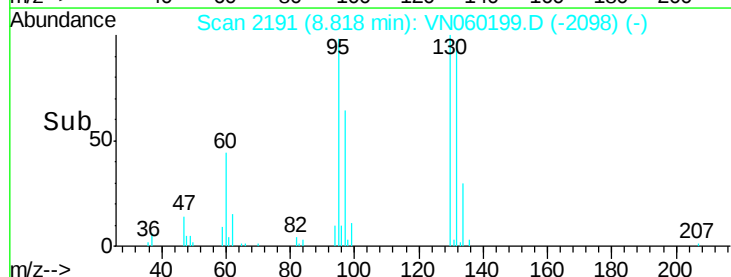
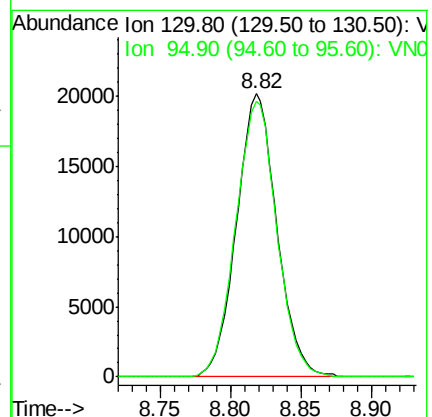
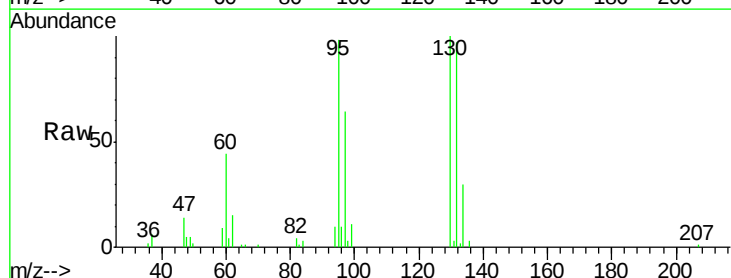
Acq: 24 Feb 2020 10:57

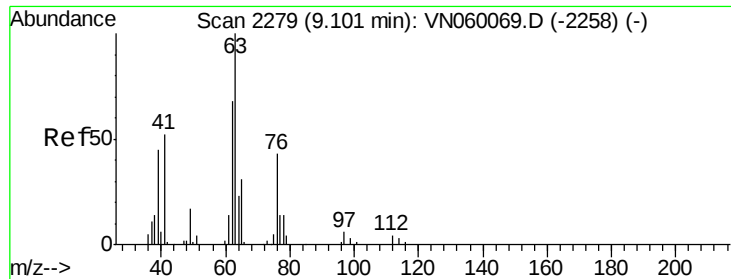
Tgt Ion: 130 Resp: 40283

Ion Ratio Lower Upper

130 100

95 97.5 0.0 192.4





#45

1,2-Dichloropropane

Concen: 19.51 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

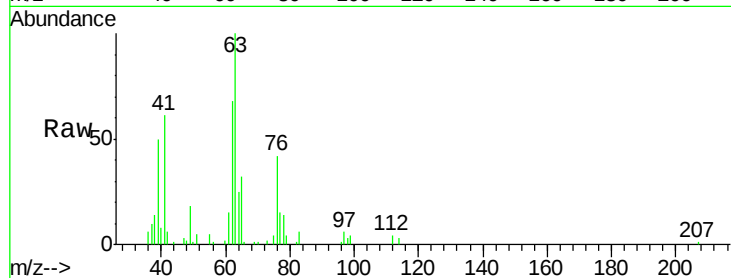
VN0224WBS01

Tgt Ion: 63 Resp: 37616

Ion Ratio Lower Upper

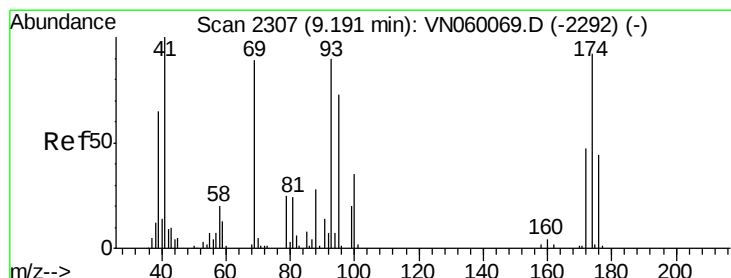
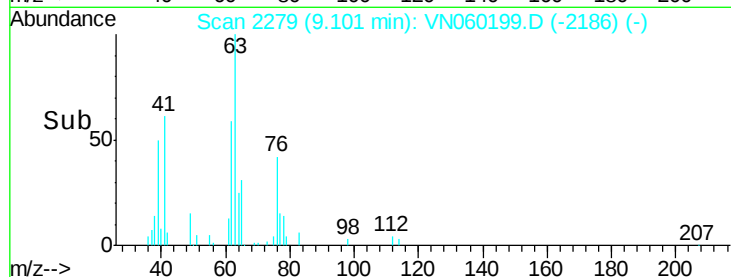
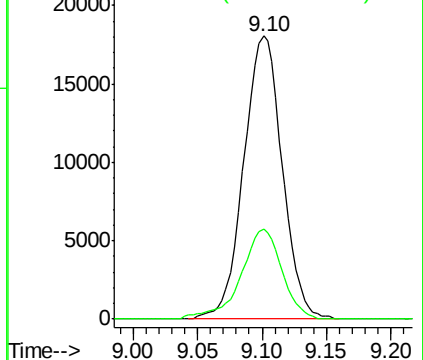
63 100

65 31.7 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.62 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

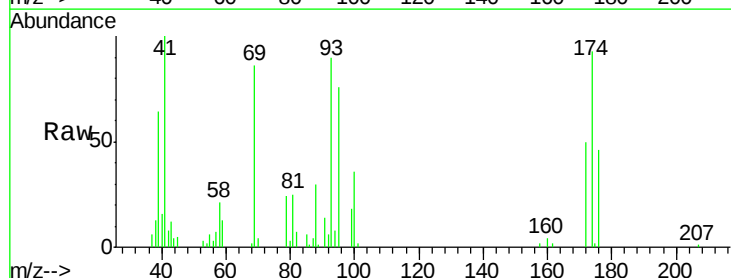
Tgt Ion: 93 Resp: 25371

Ion Ratio Lower Upper

93 100

95 83.1 65.0 97.6

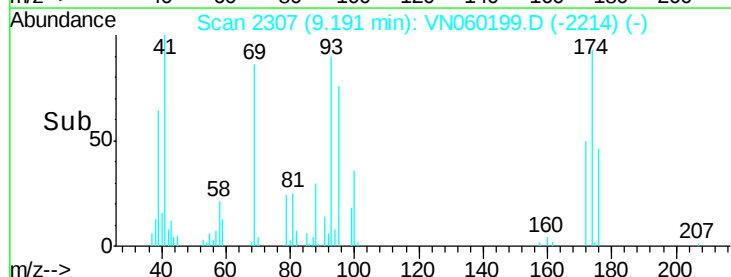
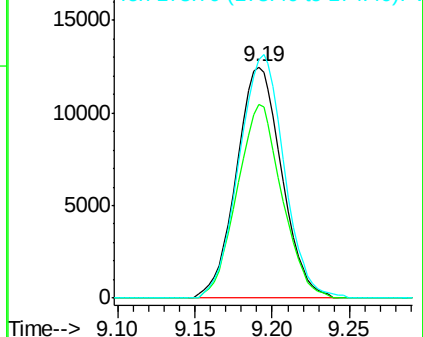
174 105.3 82.3 123.5

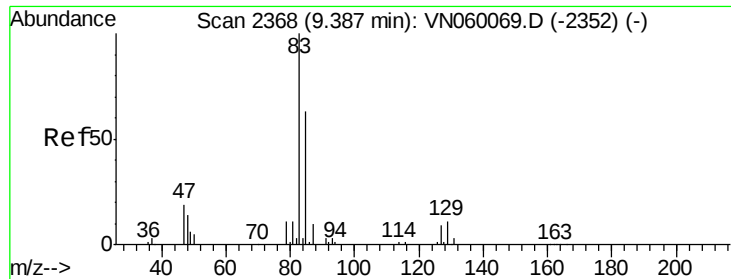


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

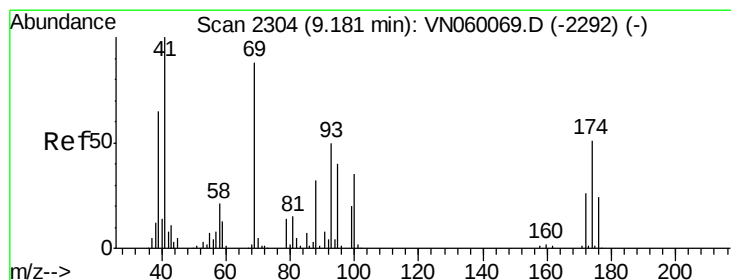
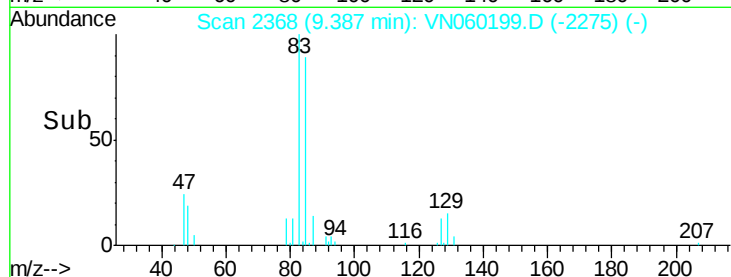
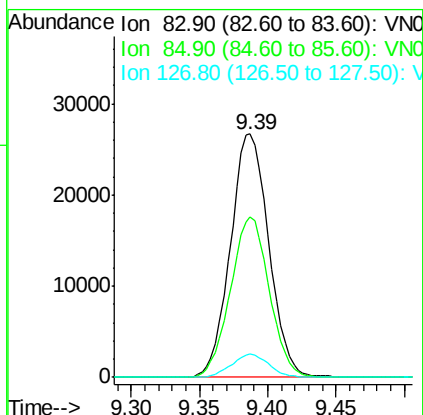
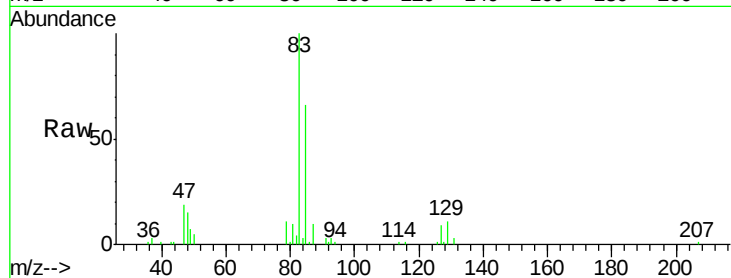




#47
Bromodichloromethane
Concen: 18.82 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

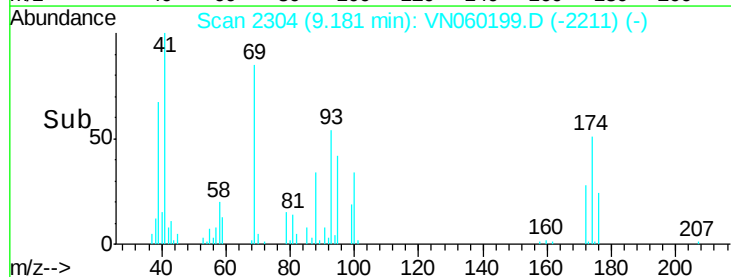
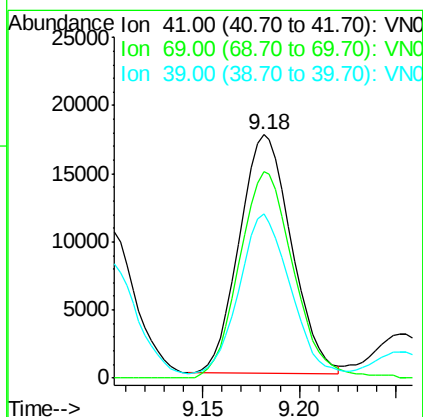
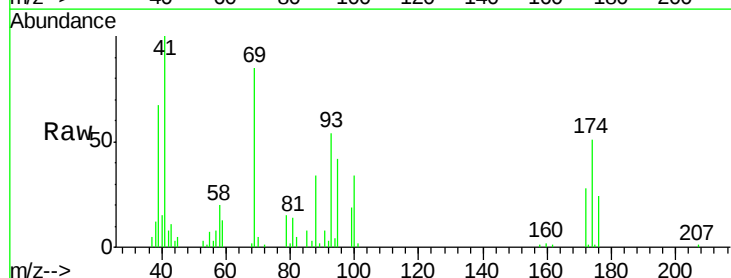
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

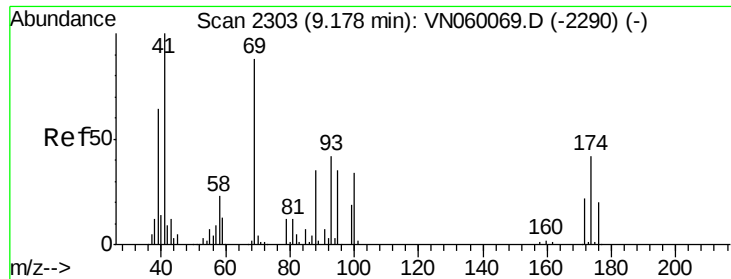
Tgt Ion: 83 Resp: 52136
Ion Ratio Lower Upper
83 100
85 66.0 50.6 75.8
127 9.5 7.0 10.6



#48
Methyl methacrylate
Concen: 18.09 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion: 41 Resp: 32915
Ion Ratio Lower Upper
41 100
69 90.0 72.0 108.0
39 66.2 54.1 81.1

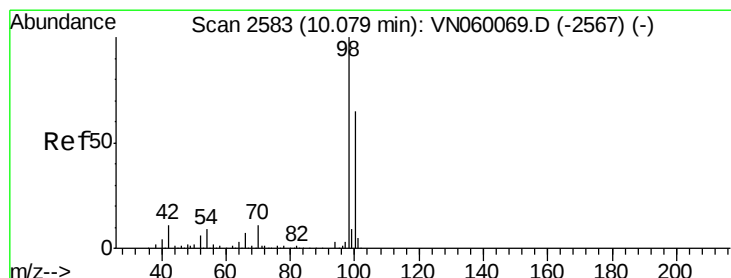
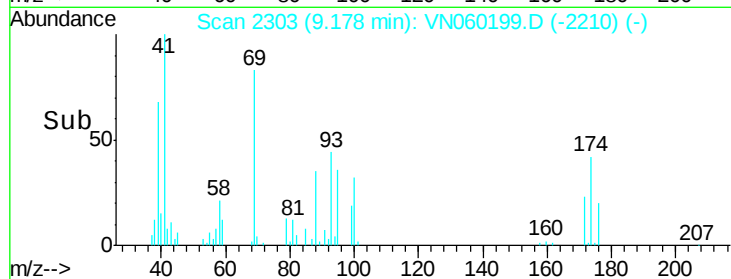
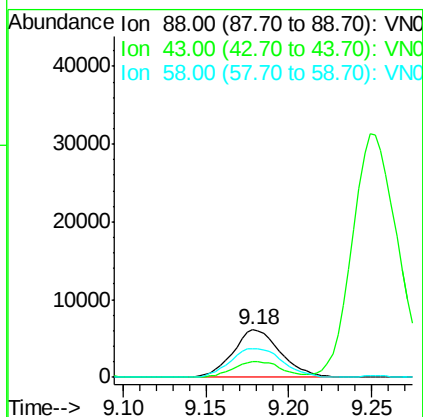
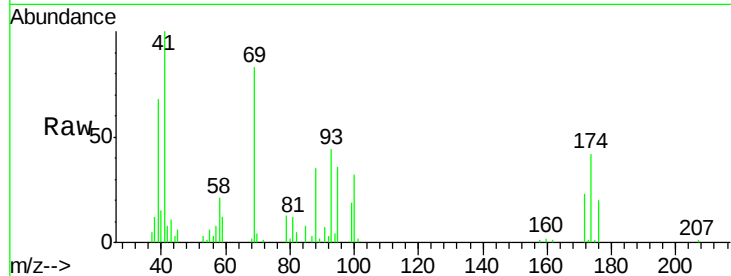




#49
 1,4-Dioxane
 Concen: 389.66 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

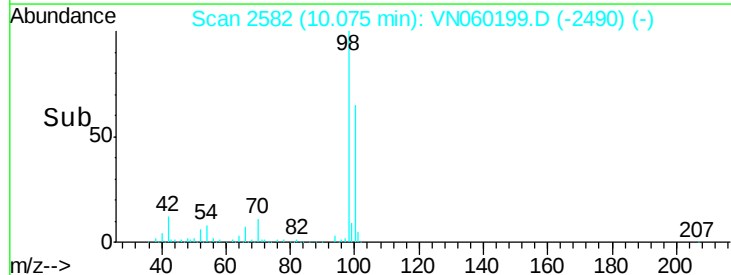
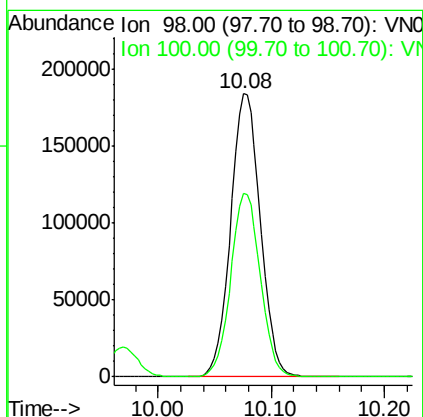
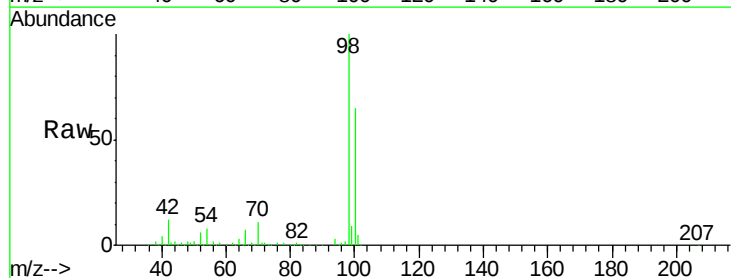
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01

Tgt Ion: 88 Resp: 12115
 Ion Ratio Lower Upper
 88 100
 43 34.3 26.2 39.2
 58 66.6 53.2 79.8



#50
 Toluene-d8
 Concen: 49.07 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Tgt Ion: 98 Resp: 336678
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.7 77.5

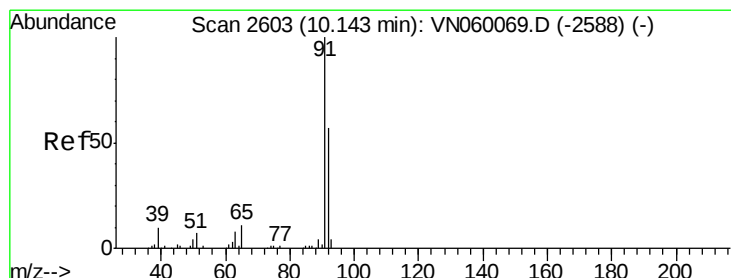
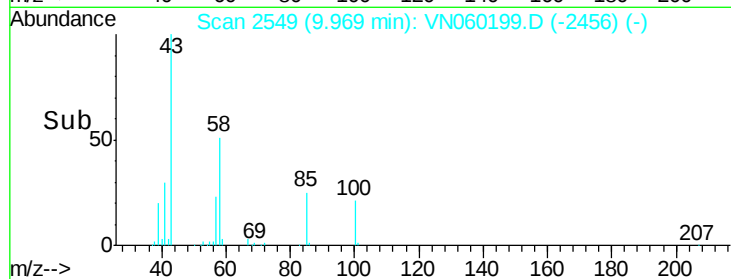
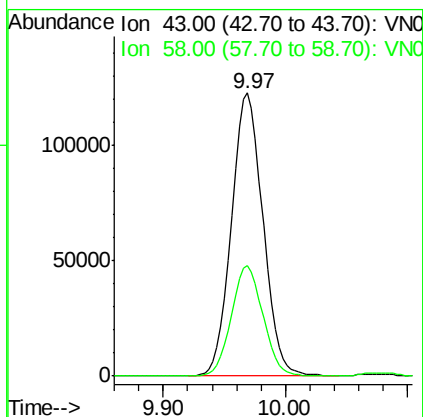
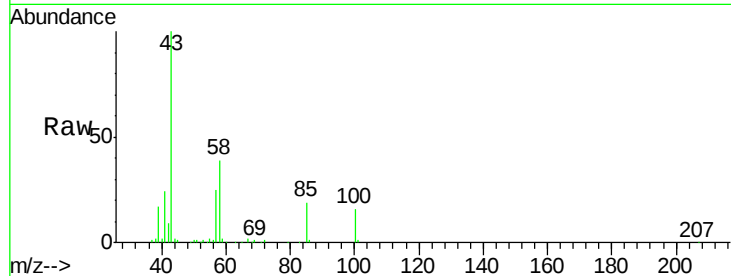




#51
 4-Methyl-2-Pentanone
 Concen: 93.93 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

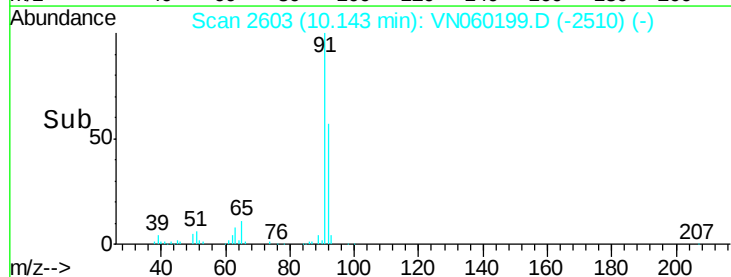
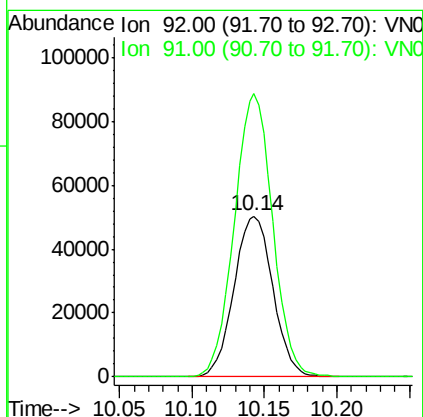
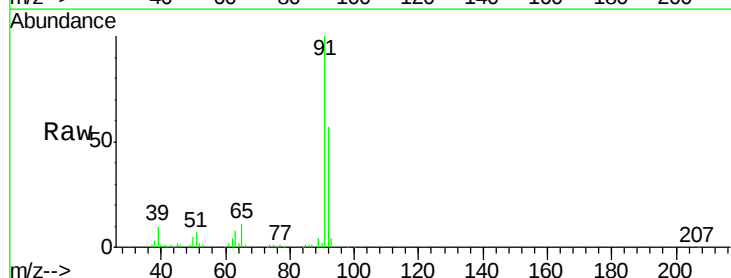
Instrument :
 MSVOA_N
 ClientSampled :
 VN0224WBS01

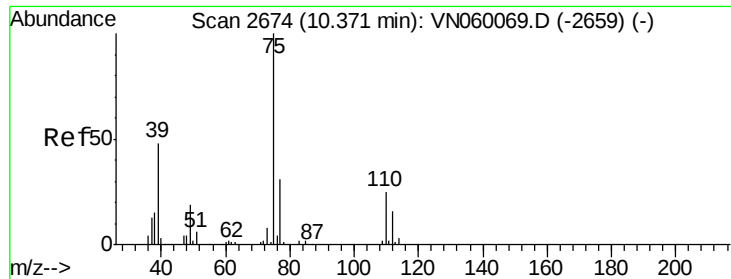
Tgt Ion: 43 Resp: 220512
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.8 47.8



#52
 Toluene
 Concen: 18.79 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Tgt Ion: 92 Resp: 93813
 Ion Ratio Lower Upper
 92 100
 91 173.5 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 19.00 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

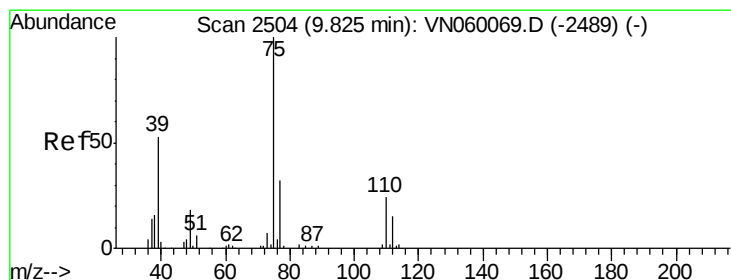
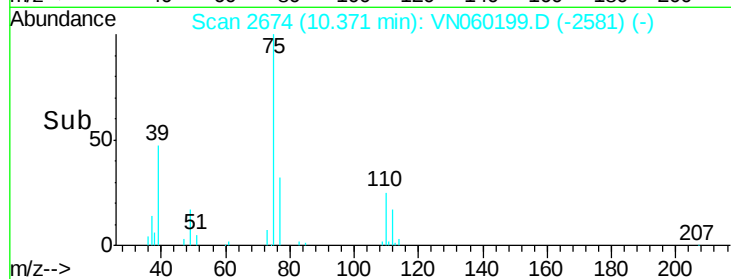
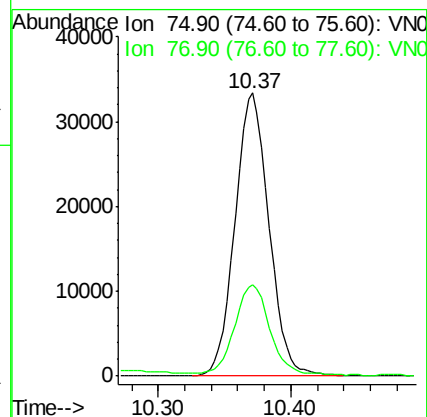
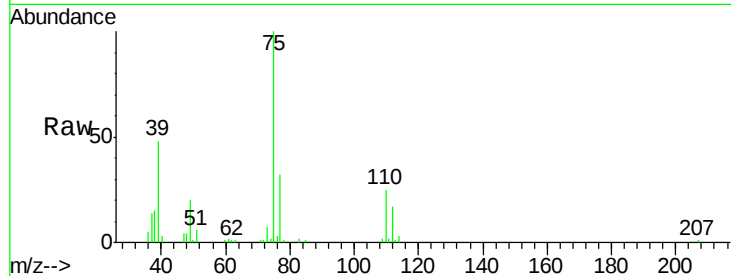
VN0224WBS01

Tgt Ion: 75 Resp: 59416

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 18.87 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

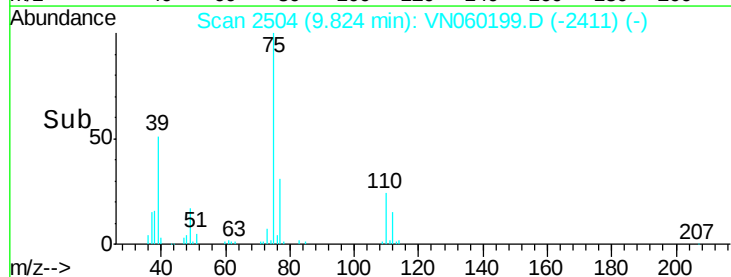
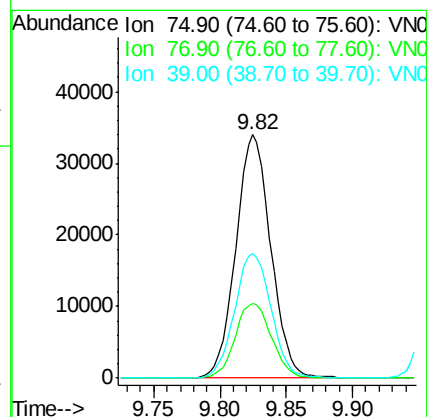
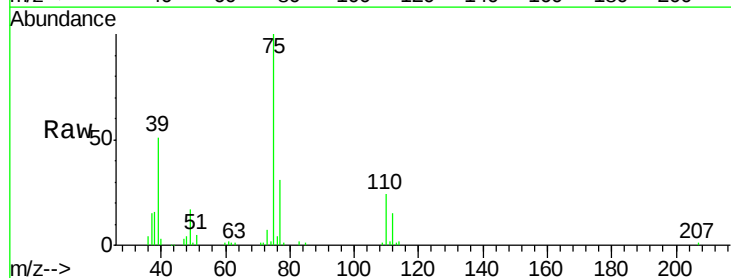
Tgt Ion: 75 Resp: 62131

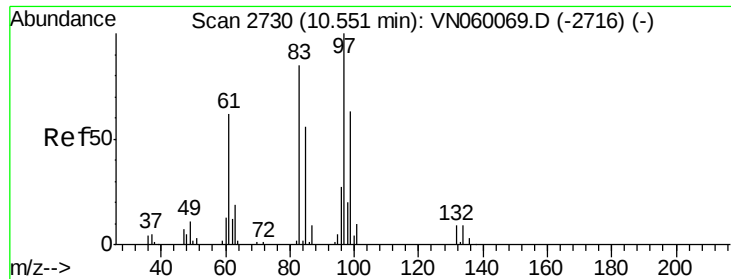
Ion Ratio Lower Upper

75 100

77 30.7 25.6 38.4

39 51.3 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 18.96 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

Tgt Ion: 97 Resp: 36944

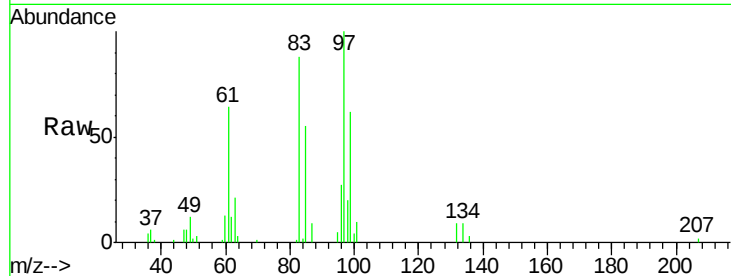
Ion Ratio Lower Upper

97 100

83 87.7 67.9 101.9

85 55.4 44.6 67.0

99 61.9 50.1 75.1



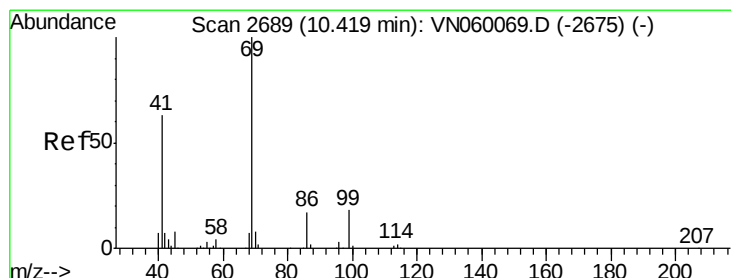
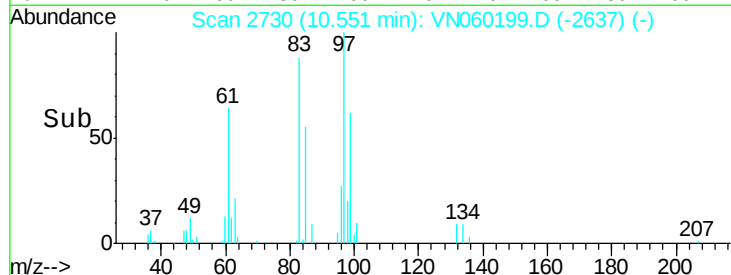
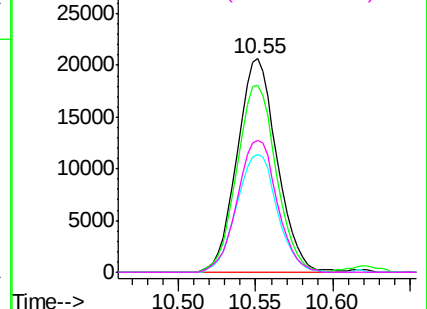
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.52 ug/l

RT: 10.42 min Scan# 2689

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

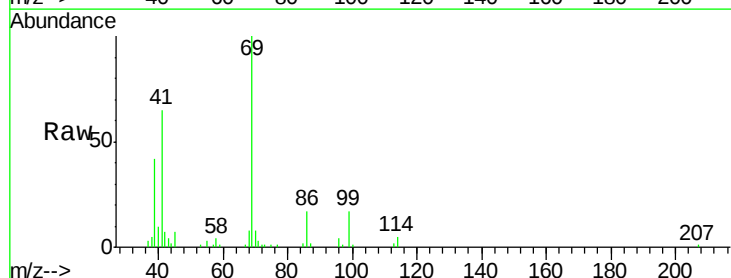
Tgt Ion: 69 Resp: 51033

Ion Ratio Lower Upper

69 100

41 64.1 51.1 76.7

39 42.9 33.8 50.8

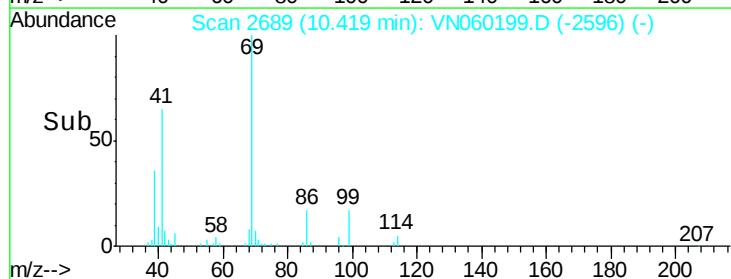
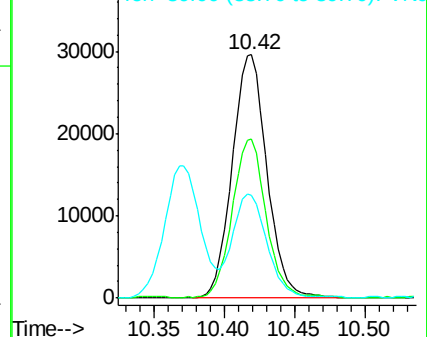


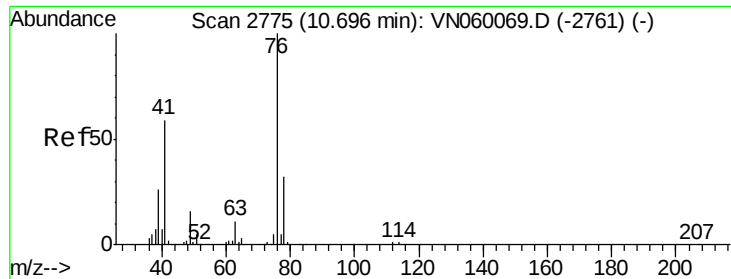
Abundance

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: 19.03 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

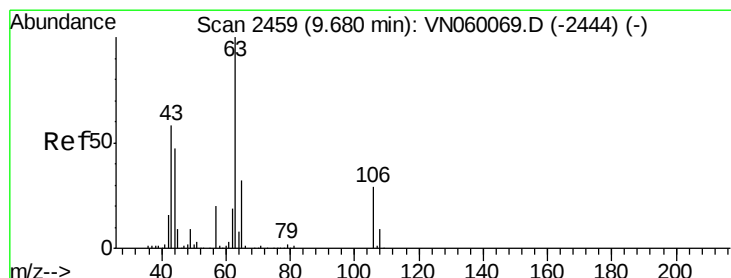
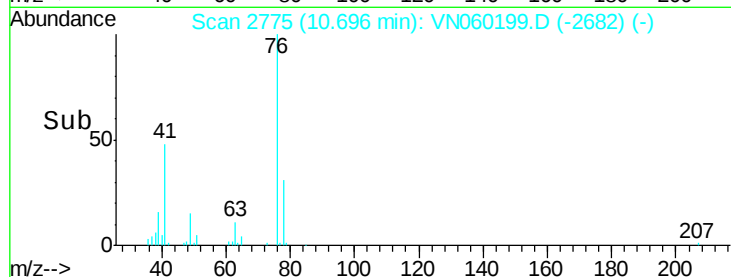
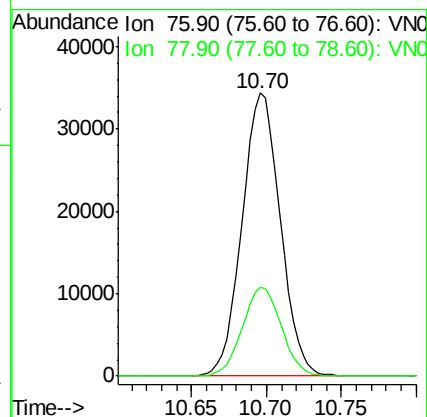
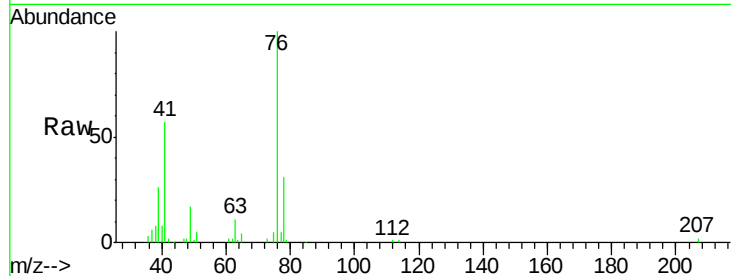
VN0224WBS01

Tgt Ion: 76 Resp: 61183

Ion Ratio Lower Upper

76 100

78 31.9 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 91.34 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060199.D

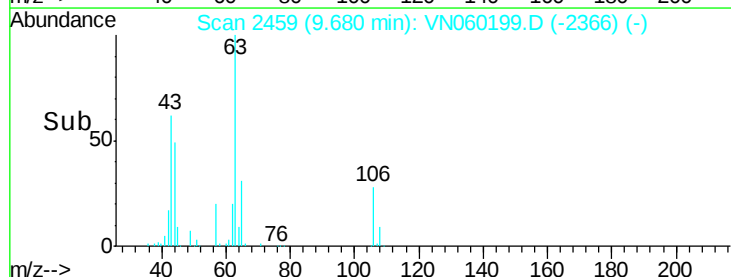
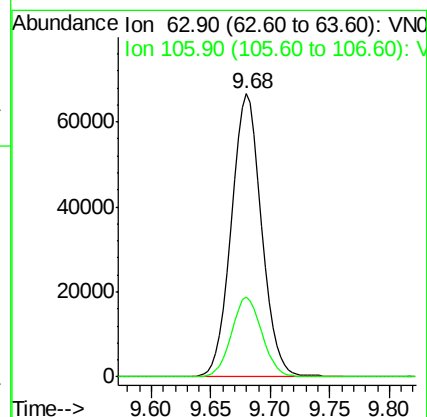
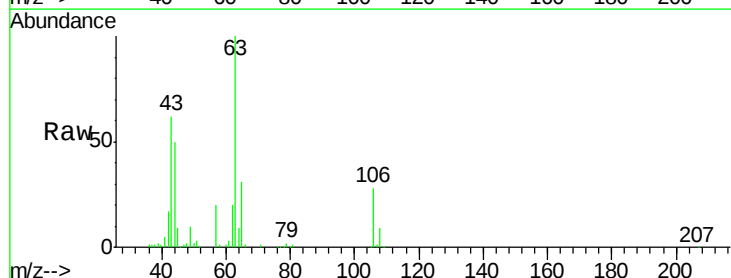
Acq: 24 Feb 2020 10:57

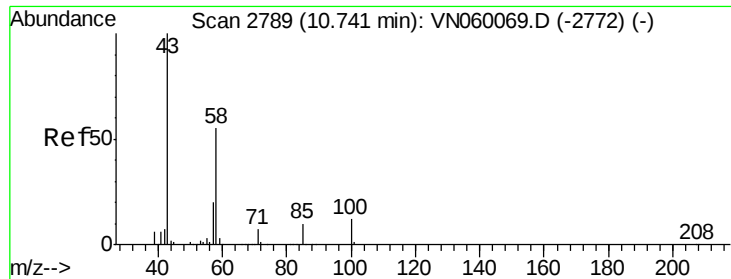
Tgt Ion: 63 Resp: 117270

Ion Ratio Lower Upper

63 100

106 28.4 22.9 34.3

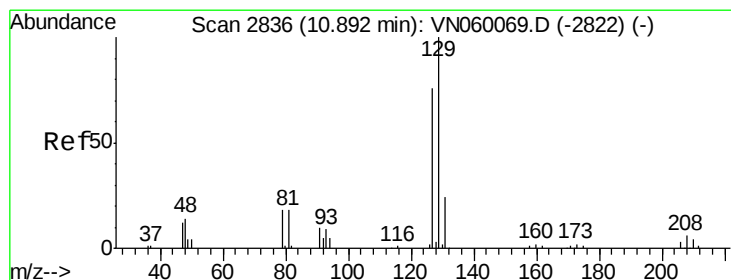
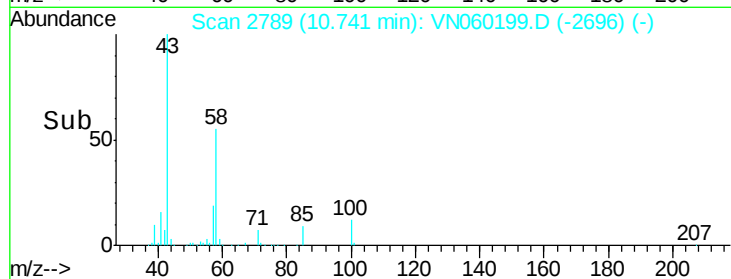
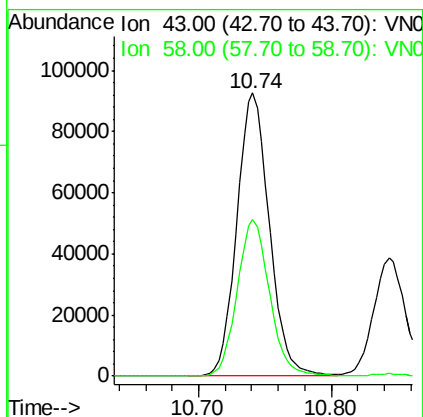
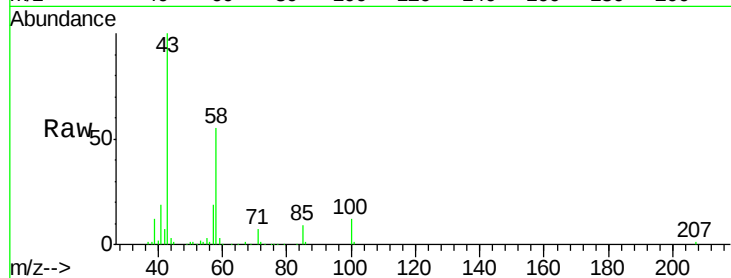




#59
2-Hexanone
Concen: 87.03 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

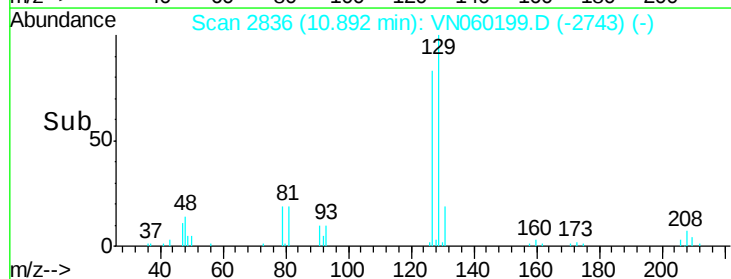
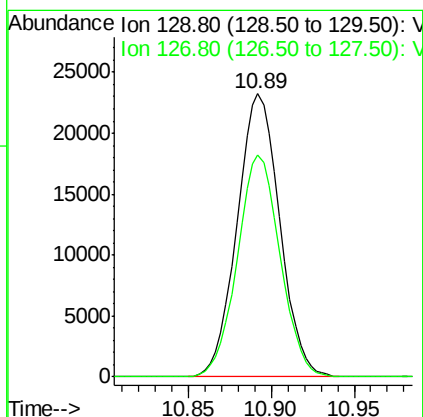
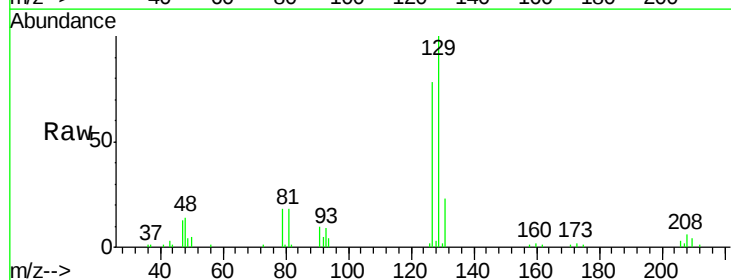
Instrument :
MSVOA_N
ClientSampled :
VN0224WBS01

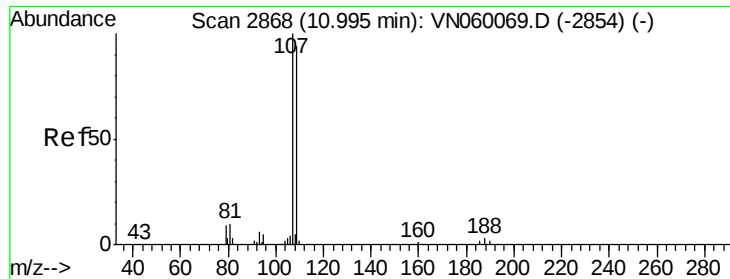
Tgt Ion: 43 Resp: 157813
Ion Ratio Lower Upper
43 100
58 55.1 27.5 82.4



#60
Dibromochloromethane
Concen: 18.56 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion: 129 Resp: 41485
Ion Ratio Lower Upper
129 100
127 78.4 38.0 114.1

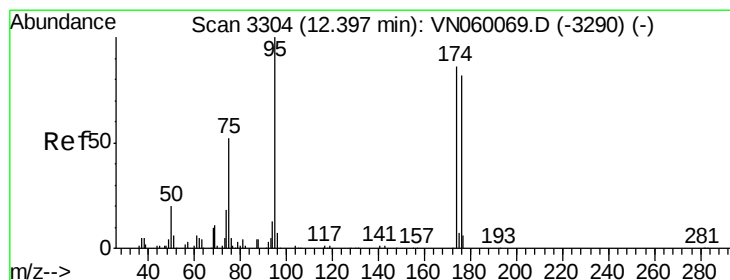
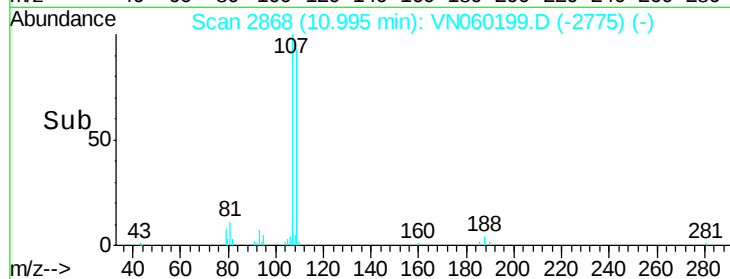
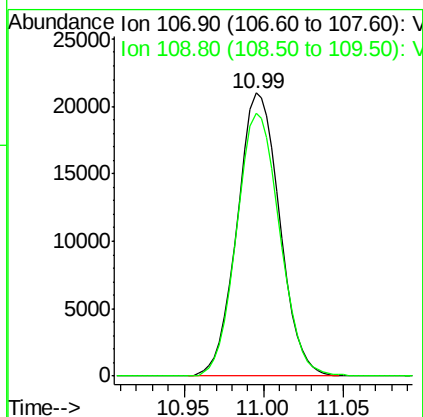
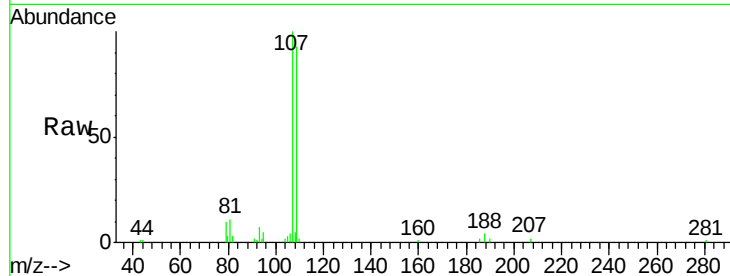




#61
 1,2-Dibromoethane
 Concen: 18.58 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

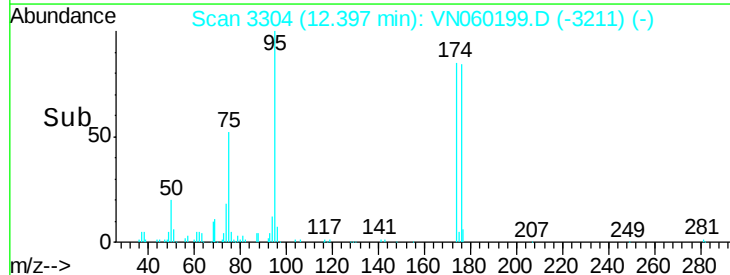
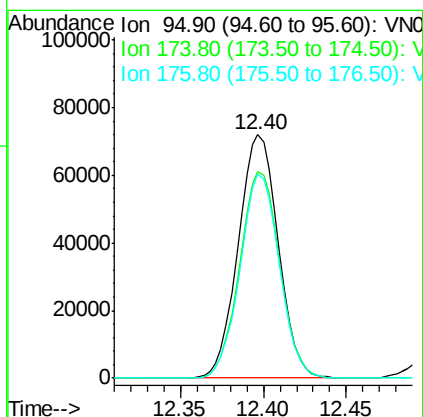
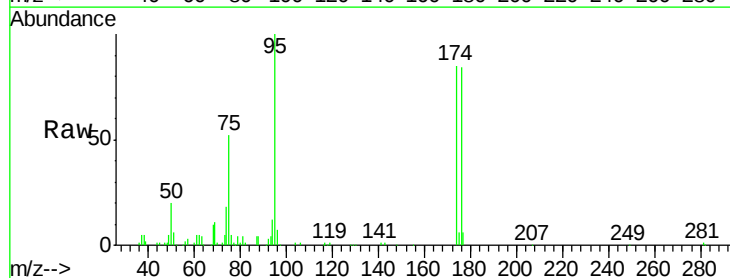
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01

Tgt Ion: 107 Resp: 37955
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 47.91 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Tgt Ion: 95 Resp: 120781
 Ion Ratio Lower Upper
 95 100
 174 85.1 0.0 169.8
 176 82.5 0.0 164.8

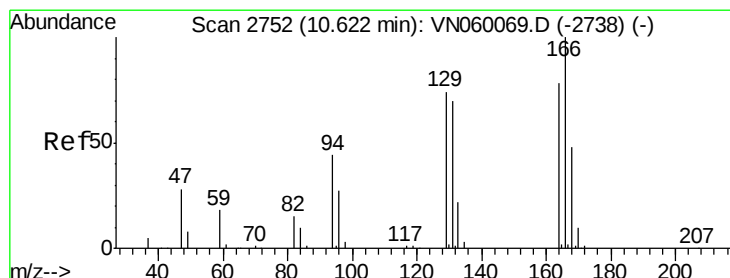
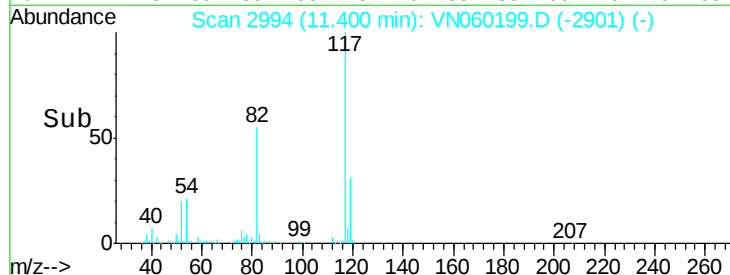
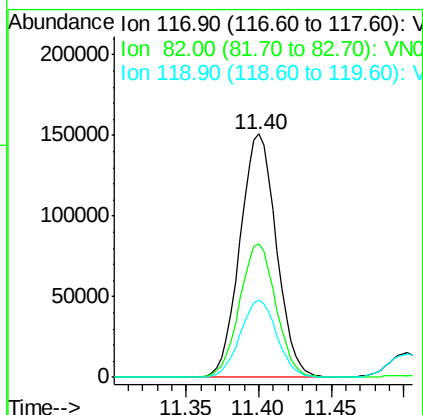
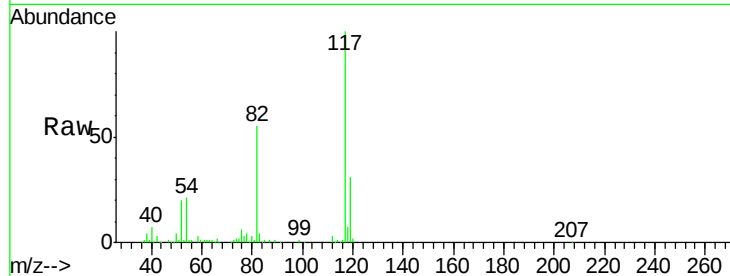




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

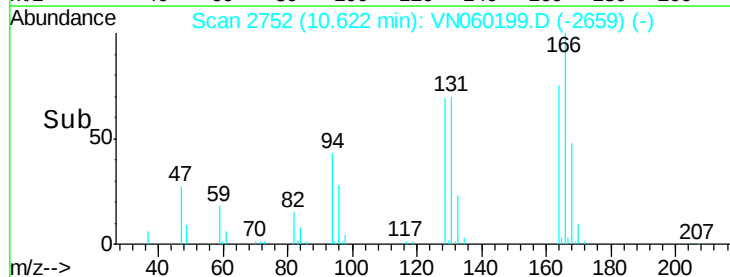
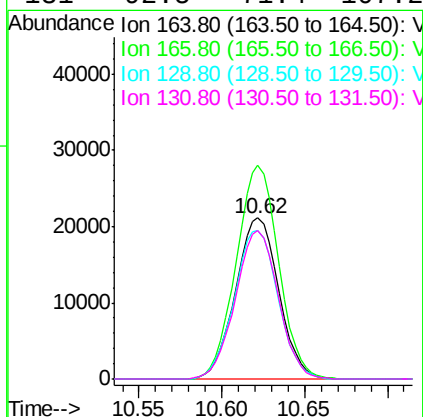
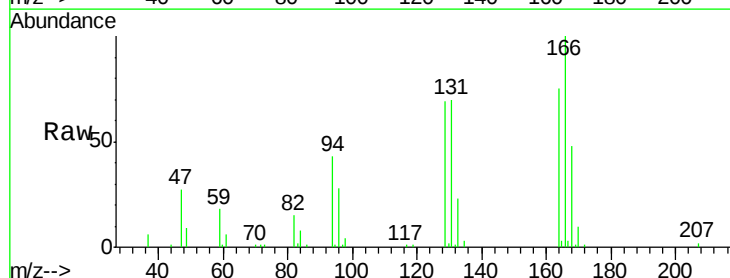
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tgt Ion:117 Resp: 263843
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 31.5 25.8 38.6



#64
Tetrachloroethene
Concen: 19.11 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion:164 Resp: 38320
Ion Ratio Lower Upper
164 100
166 132.5 101.9 152.9
129 91.8 75.4 113.0
131 92.5 71.4 107.2

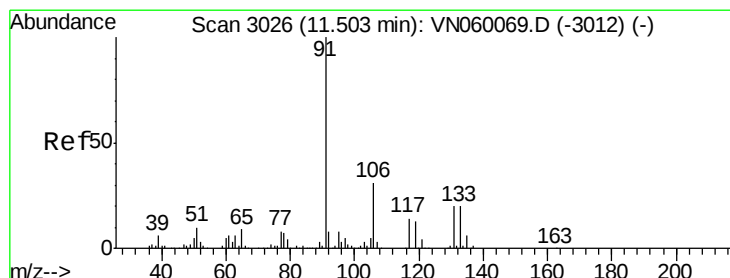
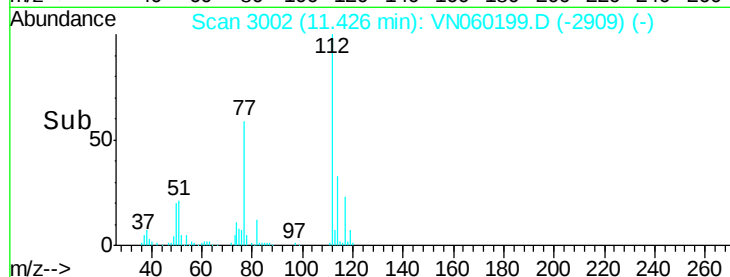
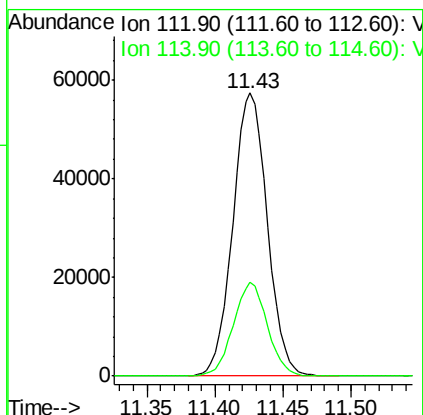
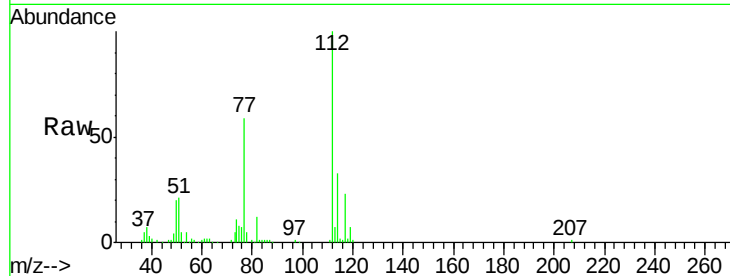




#65
Chlorobenzene
Concen: 18.68 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

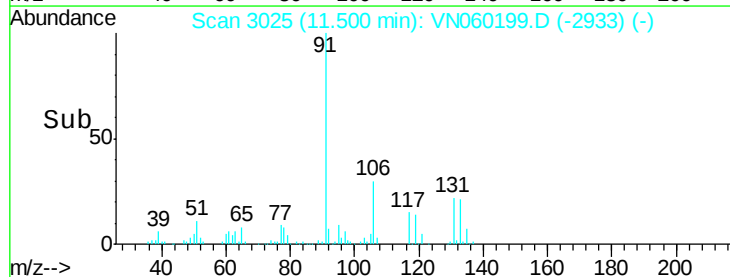
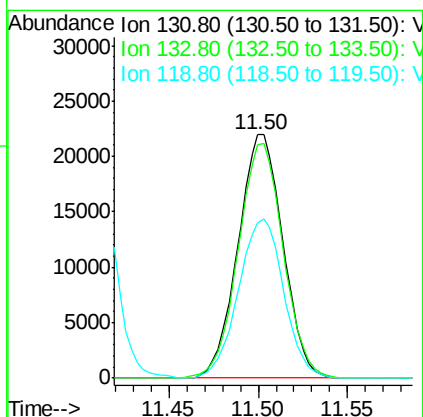
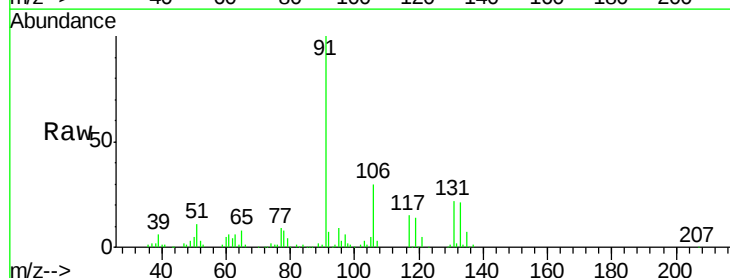
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

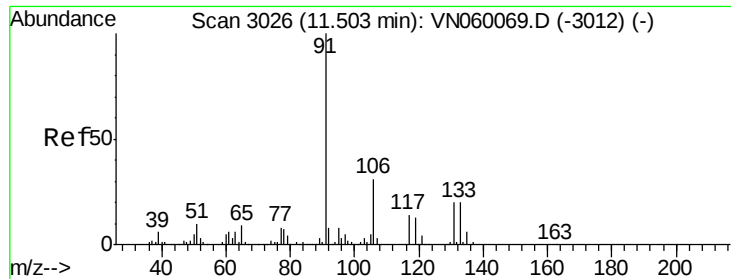
Tgt Ion:112 Resp: 100407
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.92 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion:131 Resp: 38481
Ion Ratio Lower Upper
131 100
133 96.8 47.9 143.7
119 66.0 32.6 97.7

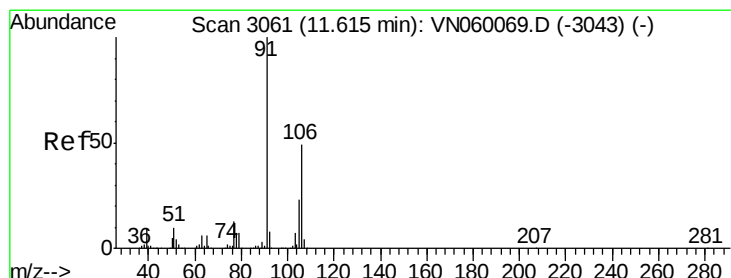
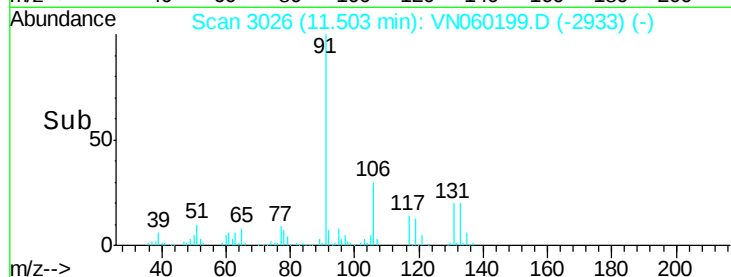
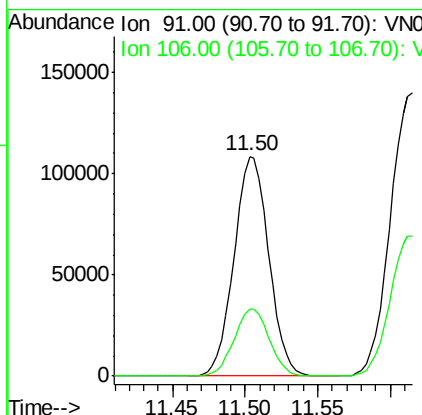
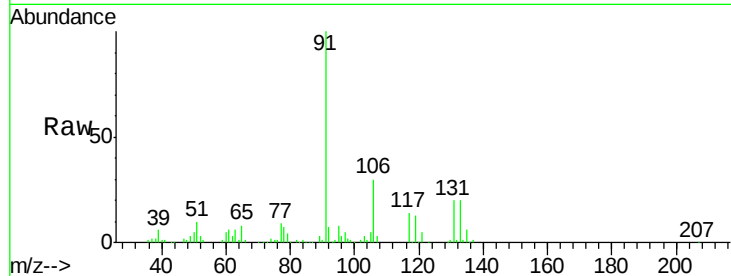




#67
Ethyl Benzene
Concen: 18.64 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

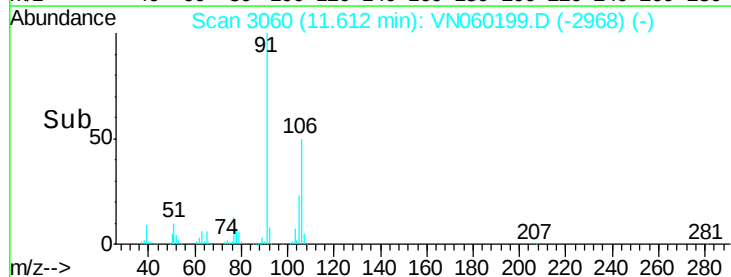
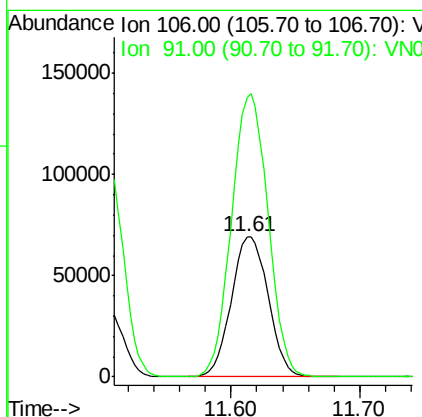
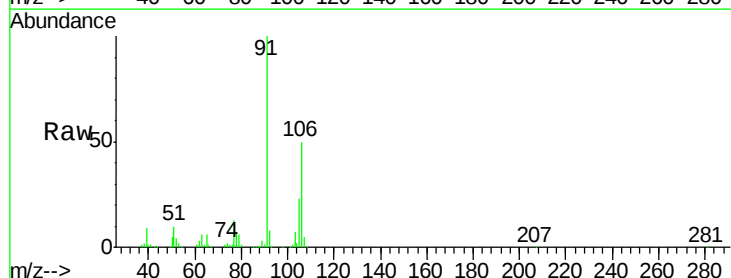
Instrument :
MSVOA_N
ClientSampled :
VN0224WBS01

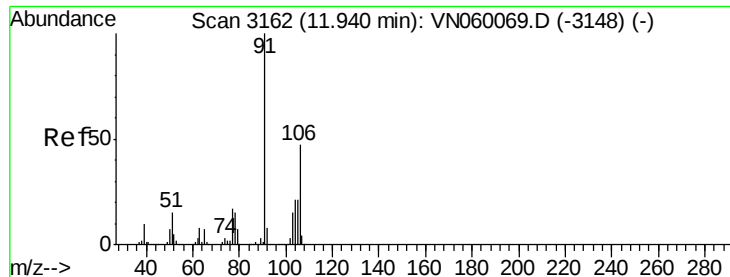
Tgt Ion: 91 Resp: 180683
Ion Ratio Lower Upper
91 100
106 30.5 25.1 37.7



#68
m/p-Xylenes
Concen: 37.79 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion: 106 Resp: 137499
Ion Ratio Lower Upper
106 100
91 200.8 162.7 244.1

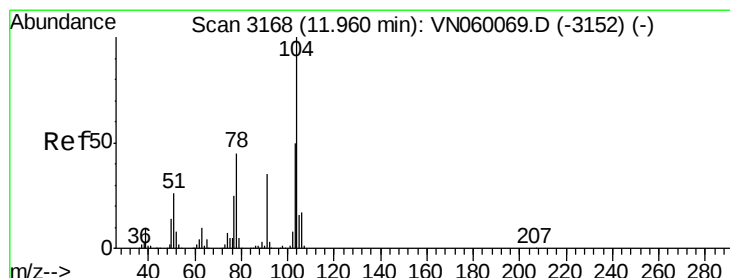
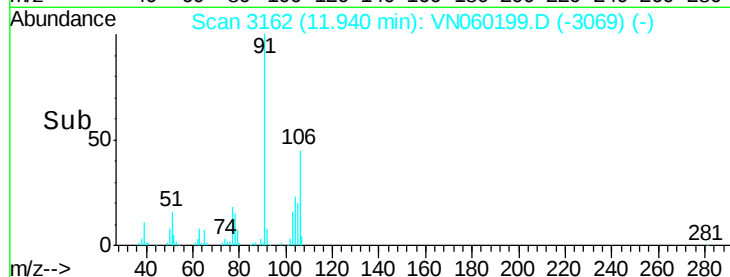
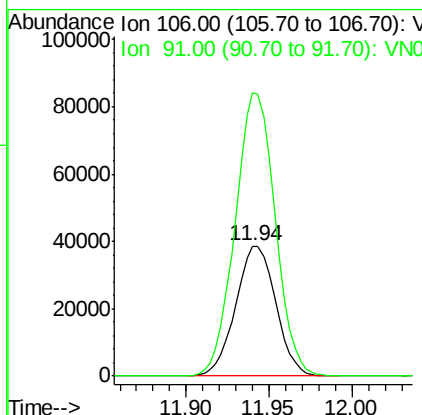
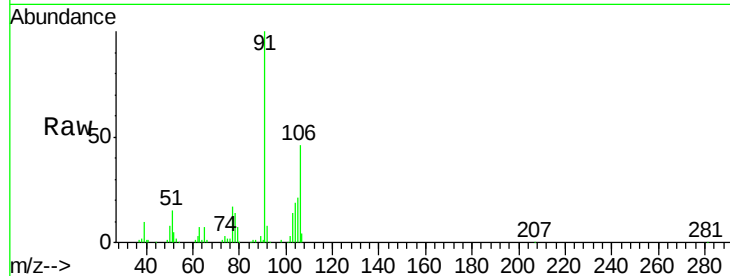




#69
o-Xylene
Concen: 18.58 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

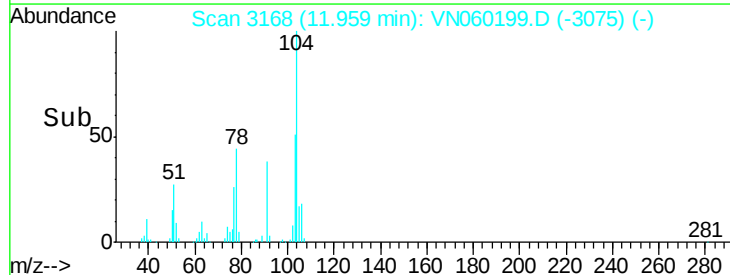
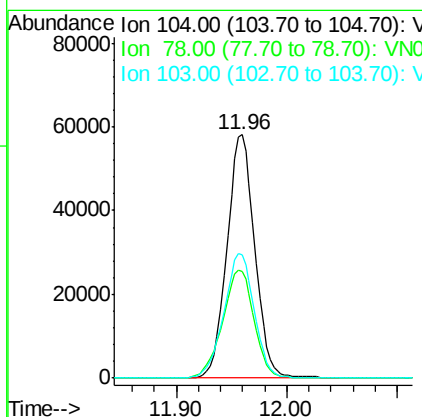
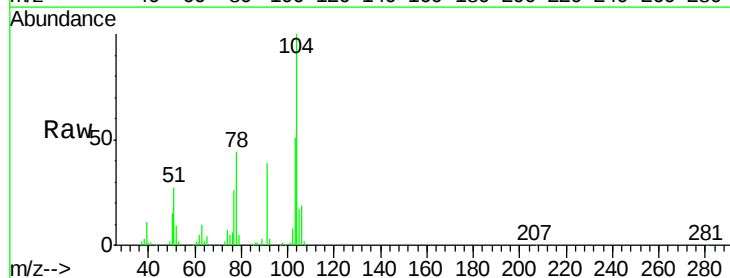
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

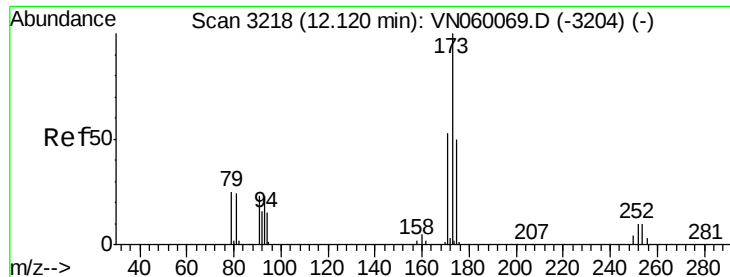
Tgt Ion:106 Resp: 65084
Ion Ratio Lower Upper
106 100
91 216.9 107.2 321.6



#70
Styrene
Concen: 17.99 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion:104 Resp: 101631
Ion Ratio Lower Upper
104 100
78 50.1 40.2 60.2
103 55.8 44.3 66.5

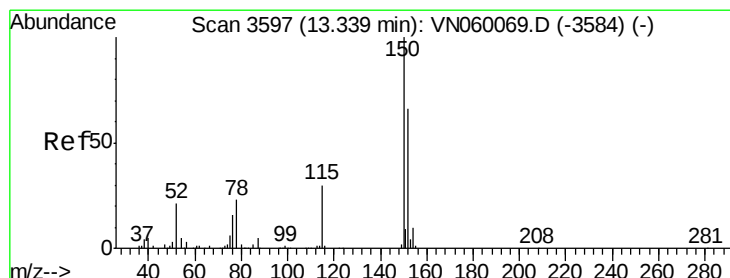
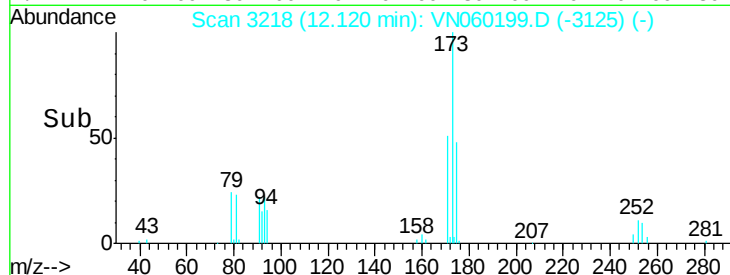
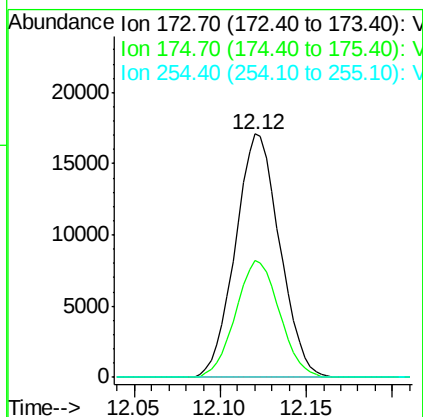
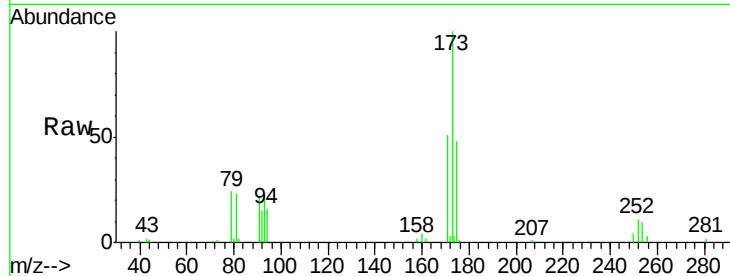




#71
Bromoform
Concen: 18.69 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

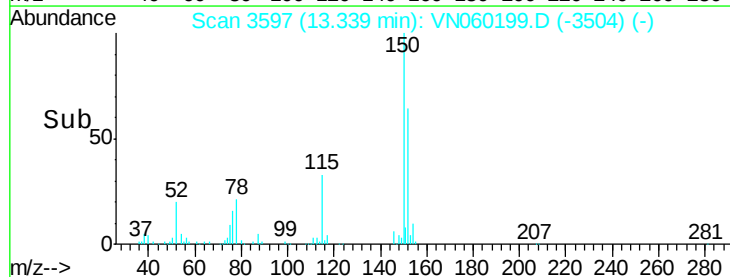
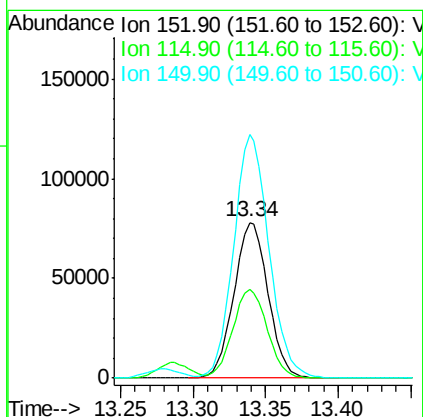
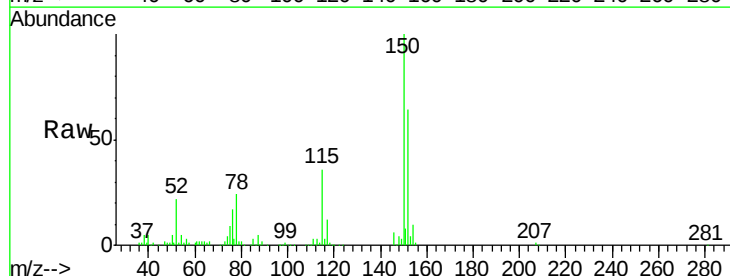
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

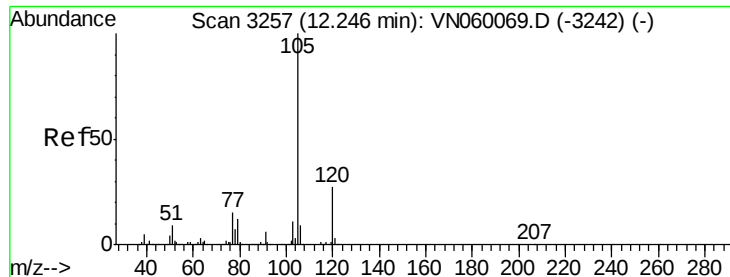
Tgt Ion:173 Resp: 30569
Ion Ratio Lower Upper
173 100
175 47.3 24.9 74.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion:152 Resp: 127308
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.8
150 161.3 0.0 342.4





#73

Isopropylbenzene

Concen: 18.73 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

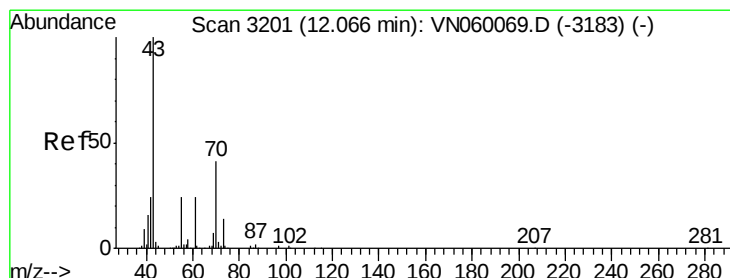
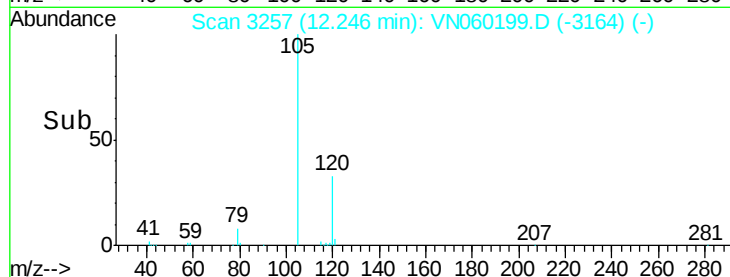
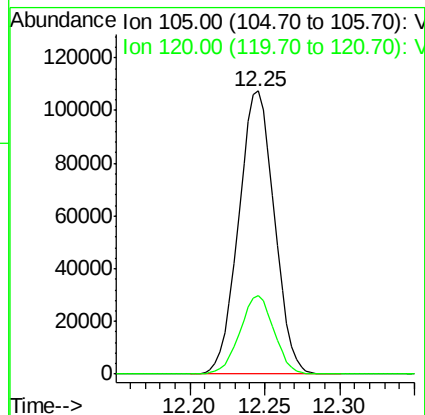
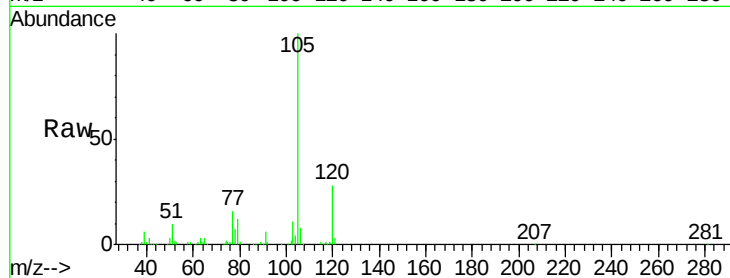
VN0224WBS01

Tgt Ion: 105 Resp: 178098

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



#74

N-ethyl acetate

Concen: 17.84 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Tgt Ion: 43 Resp: 61172

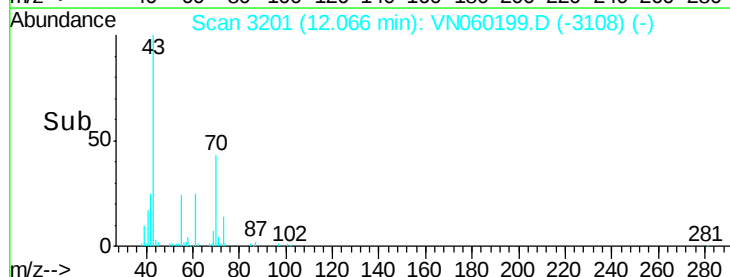
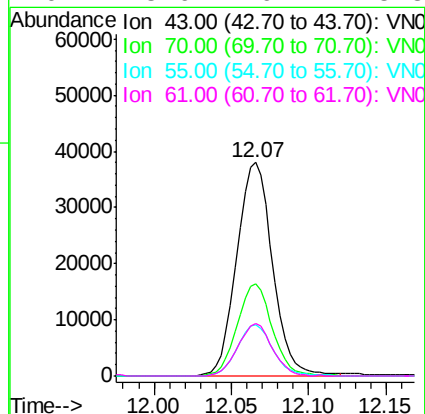
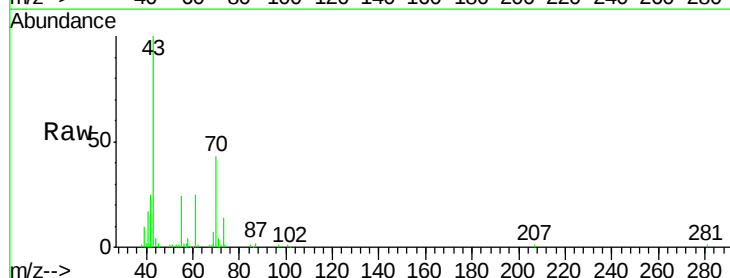
Ion Ratio Lower Upper

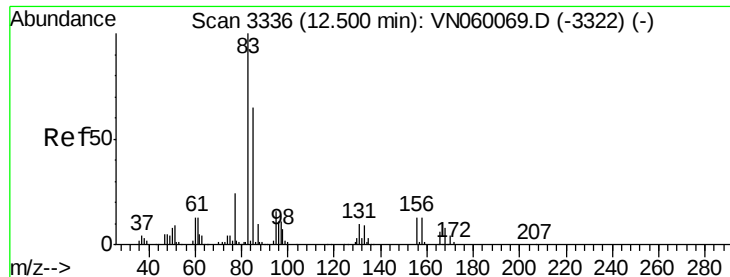
43 100

70 42.3 33.4 50.0

55 23.9 18.8 28.2

61 23.6 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.73 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

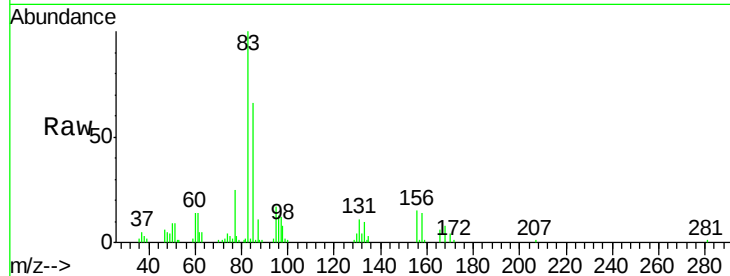
Tgt Ion: 83 Resp: 51263

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

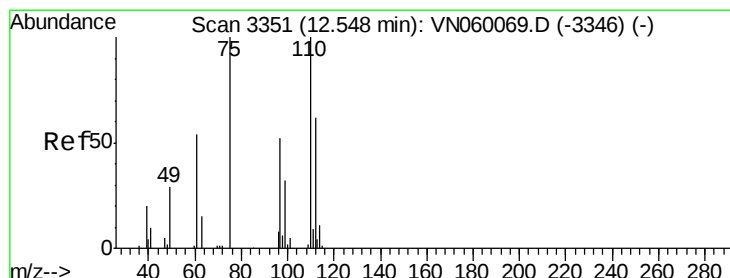
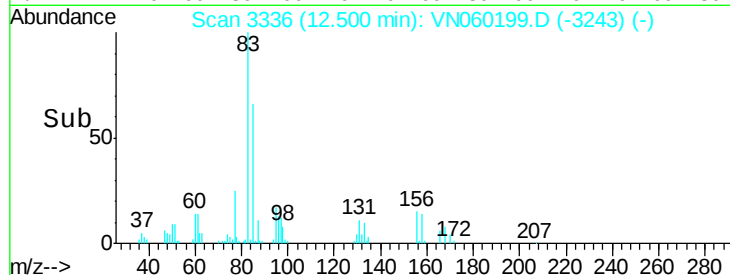
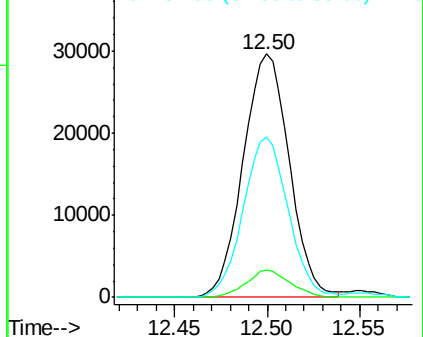
85 64.1 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN060199.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060199.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060199.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 28.05 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060199.D

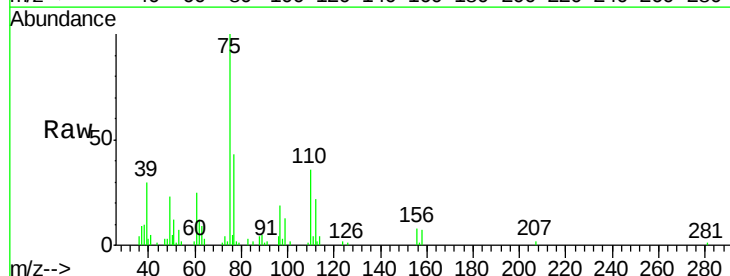
Acq: 24 Feb 2020 10:57

Tgt Ion: 75 Resp: 68319

Ion Ratio Lower Upper

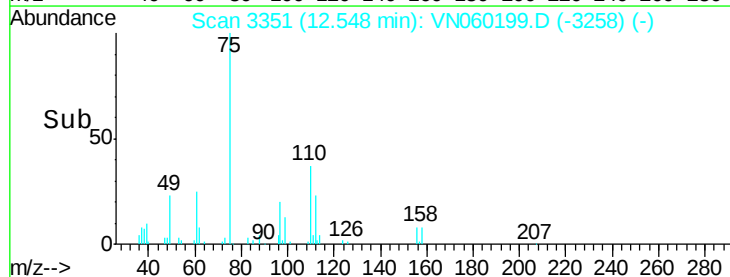
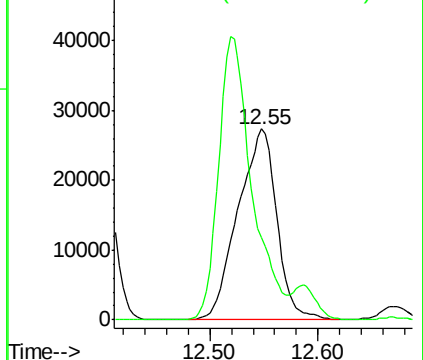
75 100

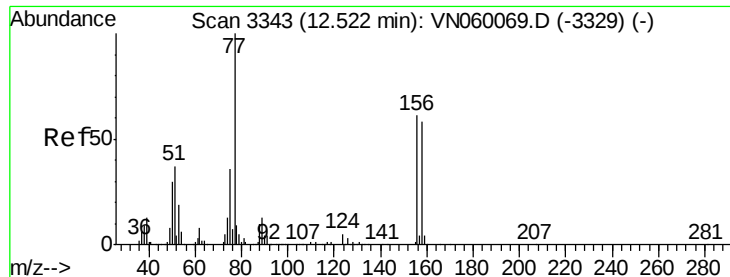
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060199.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060199.D (-3258) (-)





#77

Bromobenzene

Concen: 18.95 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampled :

VN0224WBS01

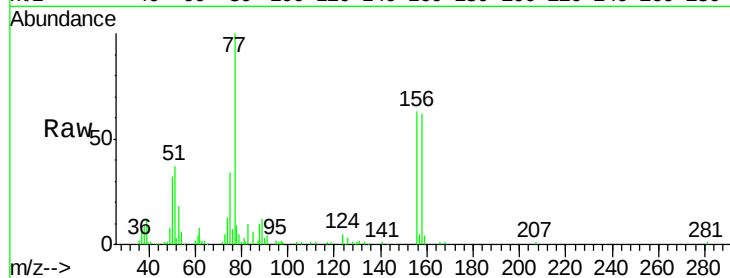
Tgt Ion:156 Resp: 44718

Ion Ratio Lower Upper

156 100

77 195.5 98.7 296.1

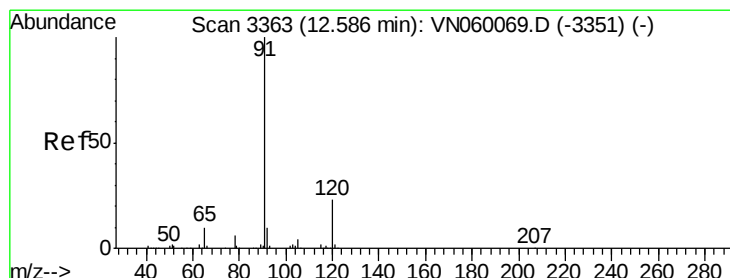
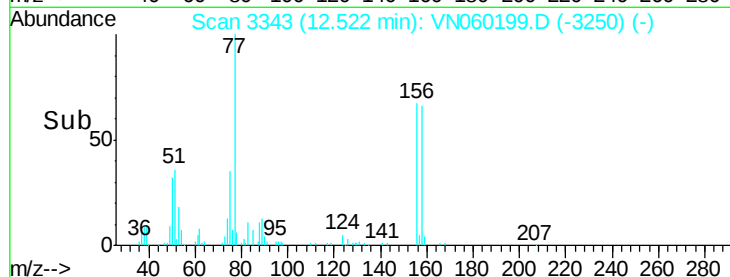
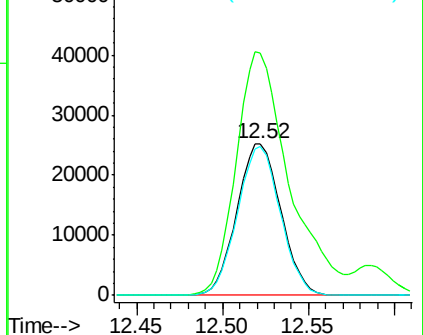
158 95.8 48.1 144.4



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: 18.49 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060199.D

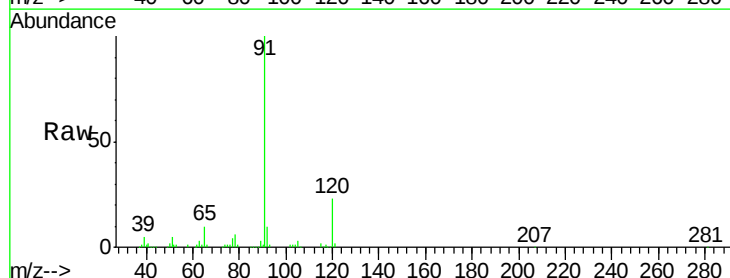
Acq: 24 Feb 2020 10:57

Tgt Ion: 91 Resp: 200280

Ion Ratio Lower Upper

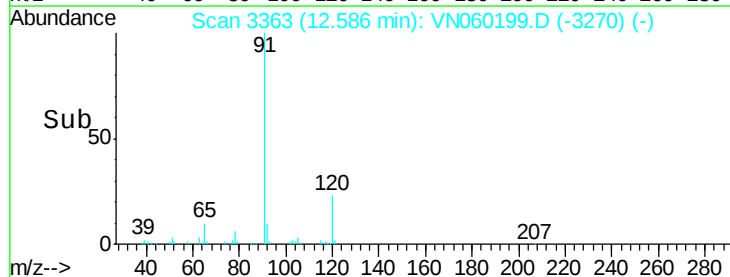
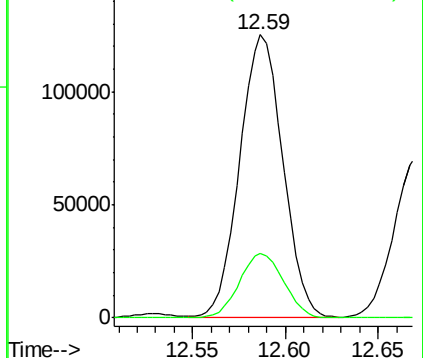
91 100

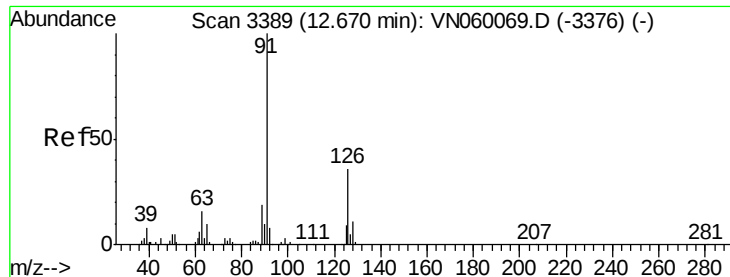
120 23.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

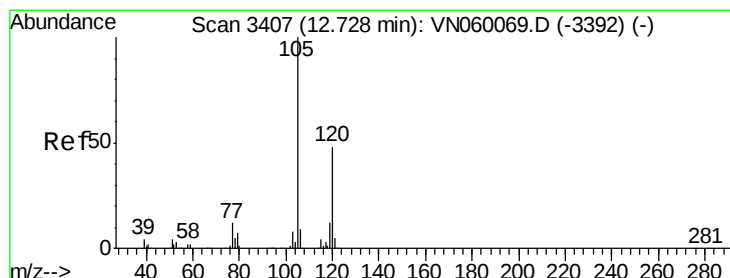
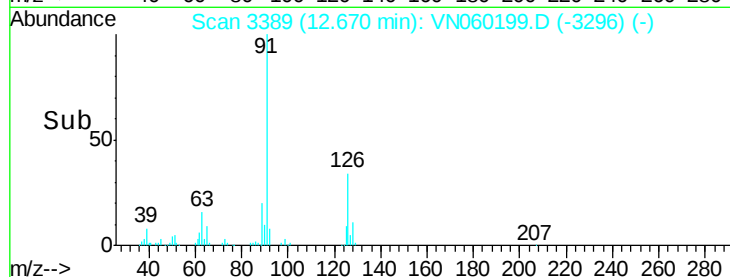
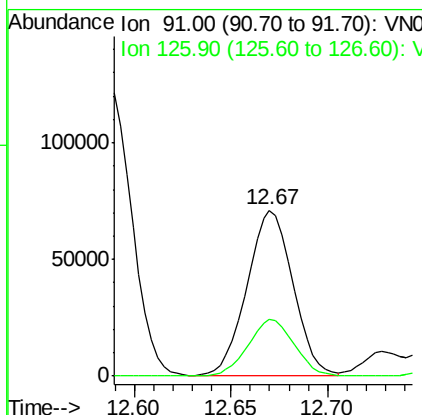
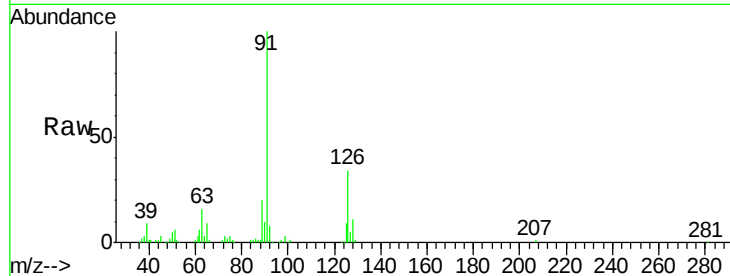




#79
 2-Chlorotoluene
 Concen: 18.27 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

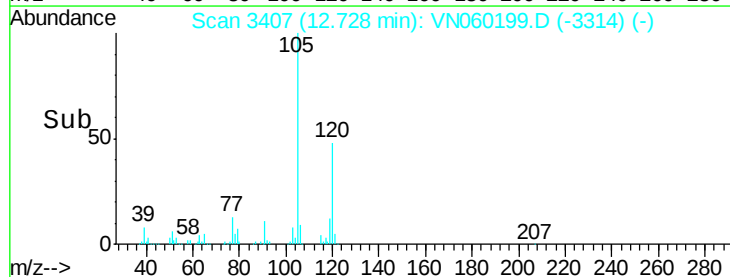
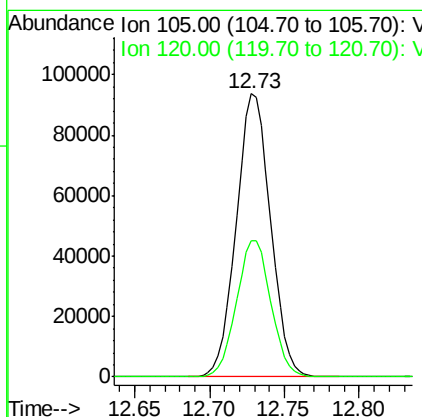
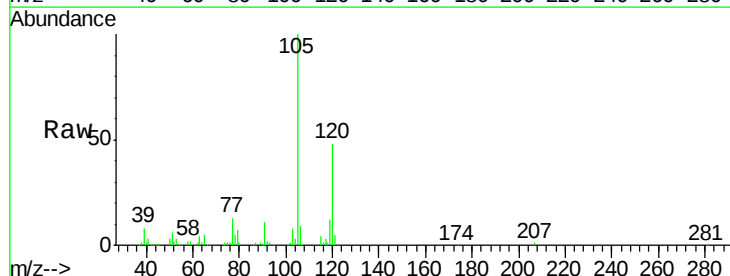
Instrument :
 MSVOA_N
 ClientSampled :
 VN0224WBS01

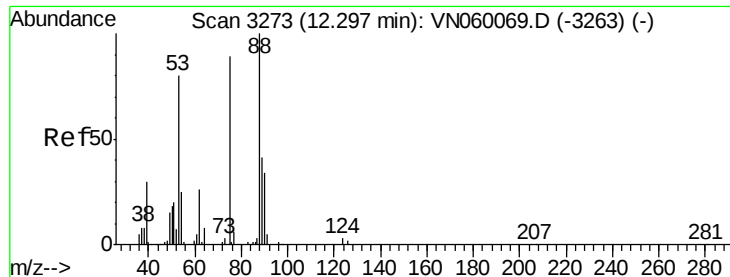
Tgt Ion: 91 Resp: 116320
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.4 52.2



#80
 1,3,5-Trimethylbenzene
 Concen: 18.89 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Tgt Ion: 105 Resp: 149305
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 18.27 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampled :

VN0224WBS01

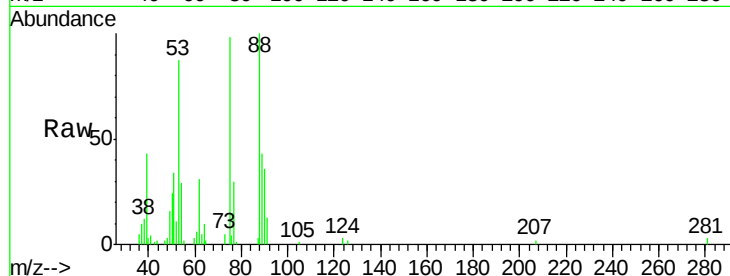
Tgt Ion: 75 Resp: 18178

Ion Ratio Lower Upper

75 100

53 91.7 73.9 110.9

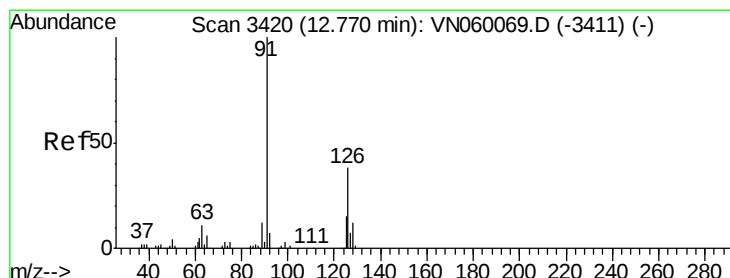
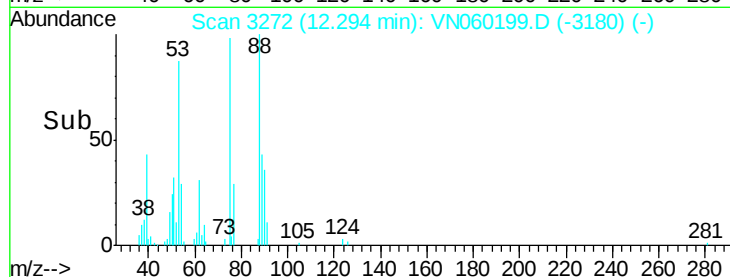
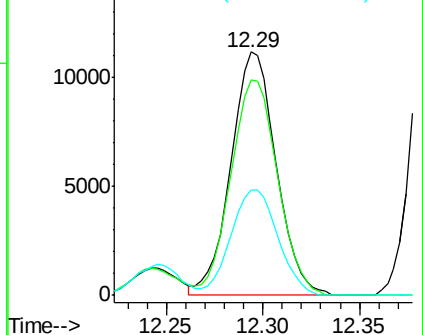
89 45.0 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VN060199.D (-3272) (-)

Ion 53.00 (52.70 to 53.70): VN060199.D (-3272) (-)

Ion 88.90 (88.60 to 89.60): VN060199.D (-3272) (-)



#82

4-Chlorotoluene

Concen: 18.31 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN060199.D

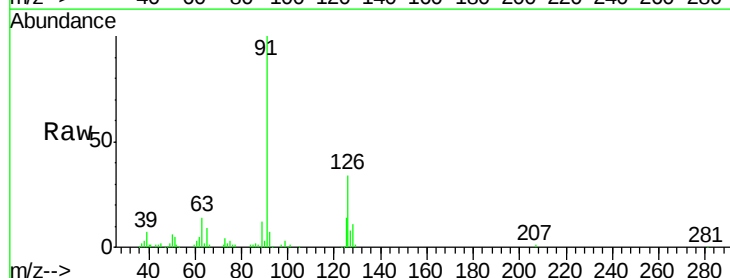
Acq: 24 Feb 2020 10:57

Tgt Ion: 91 Resp: 119610

Ion Ratio Lower Upper

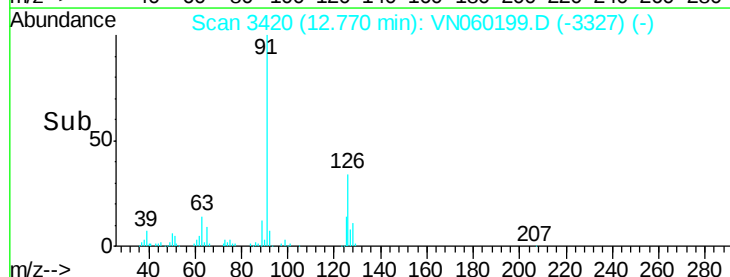
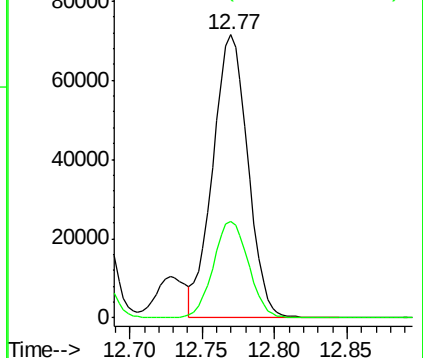
91 100

126 34.3 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VN060199.D (-3420) (-)

Ion 125.90 (125.60 to 126.60): VN060199.D (-3420) (-)

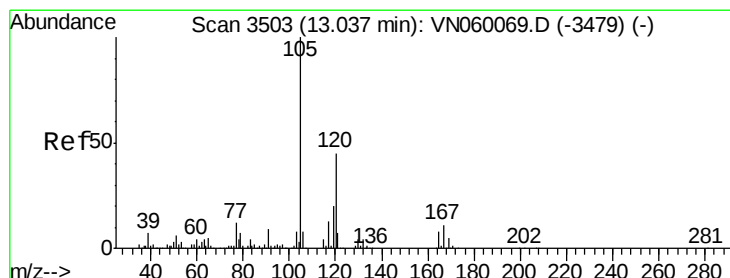
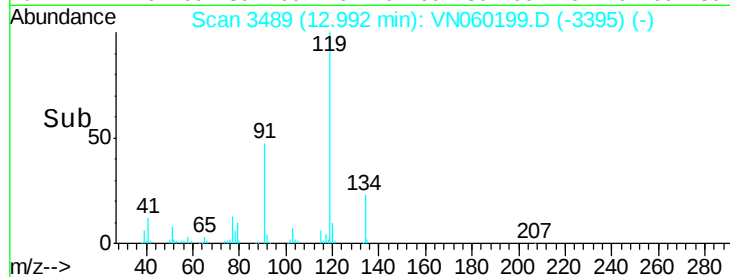
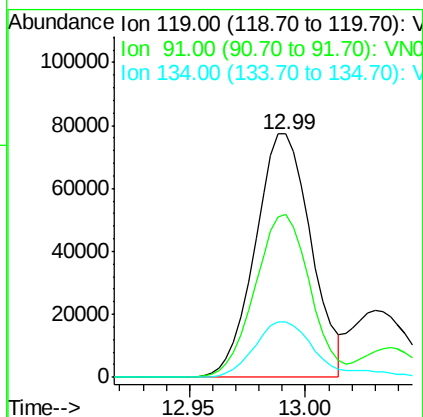
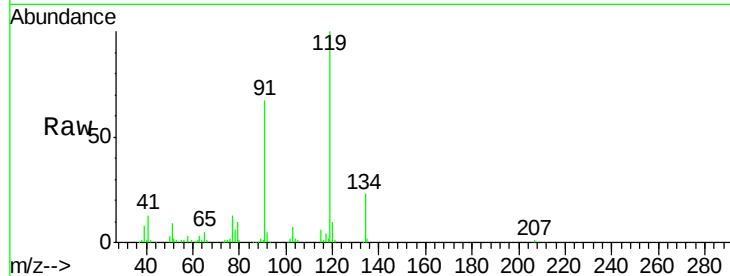




#83
 tert-Butylbenzene
 Concen: 18.45 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

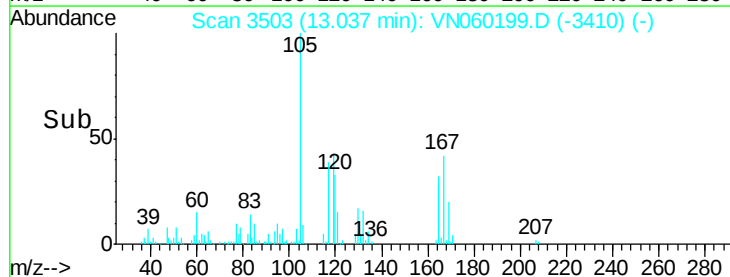
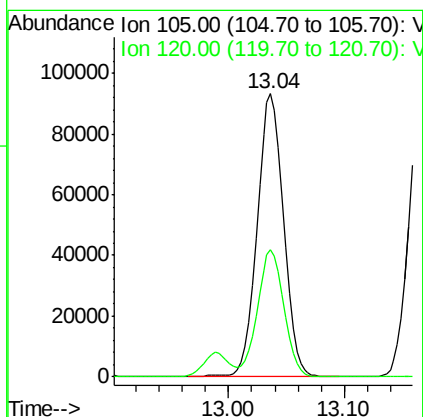
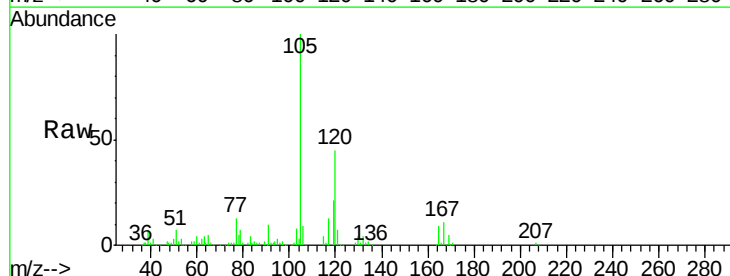
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01

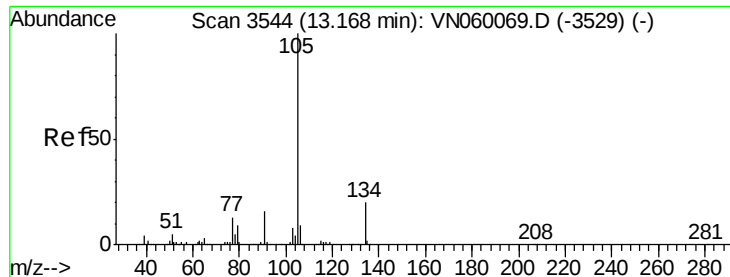
Tgt Ion:119 Resp: 129038
 Ion Ratio Lower Upper
 119 100
 91 66.1 32.7 98.1
 134 25.8 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 19.07 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Tgt Ion:105 Resp: 148788
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3

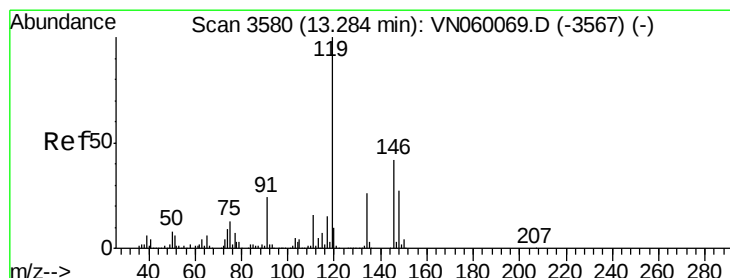
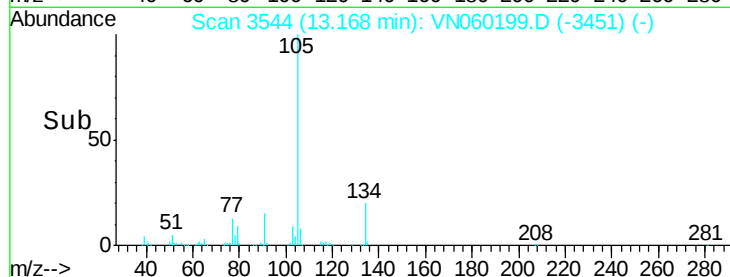
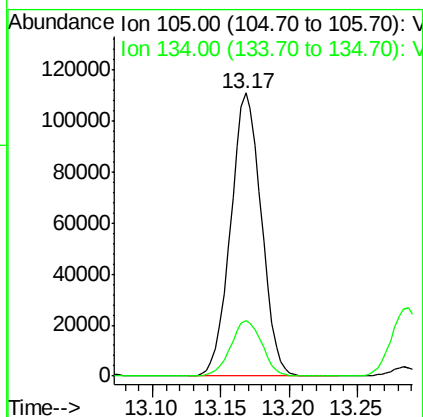
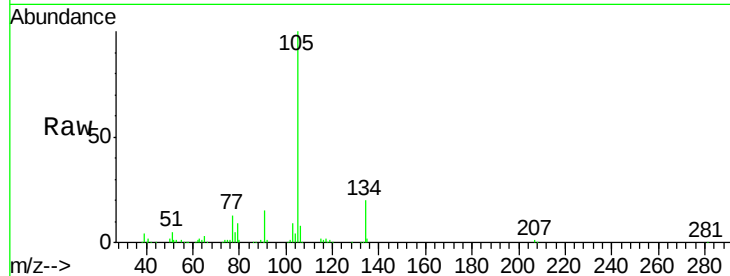




#85
 sec-Butylbenzene
 Concen: 18.68 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

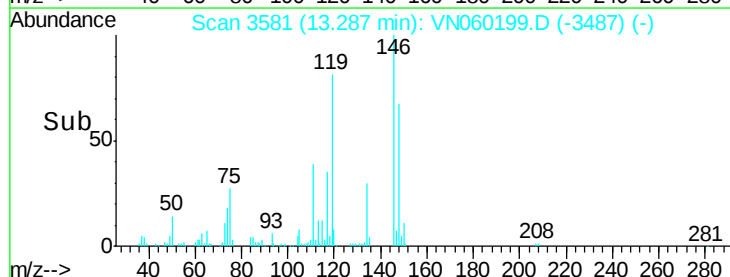
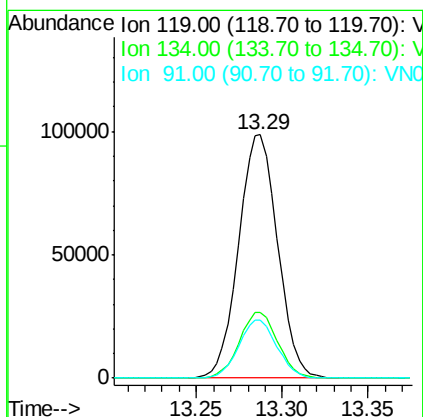
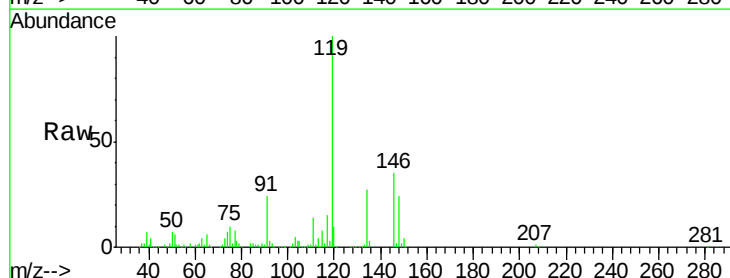
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01

Tgt Ion:105 Resp: 173010
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 18.54 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Tgt Ion:119 Resp: 155552
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 23.4 11.9 35.9

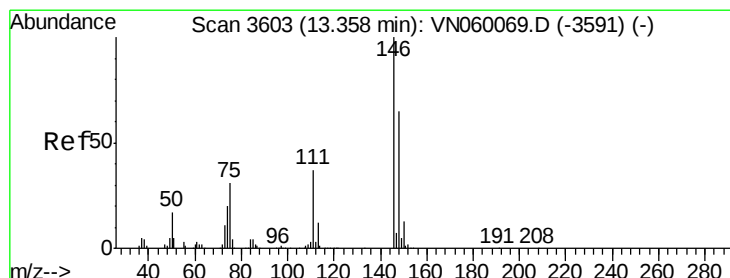
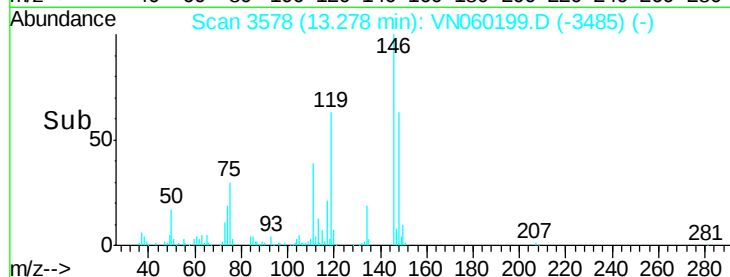
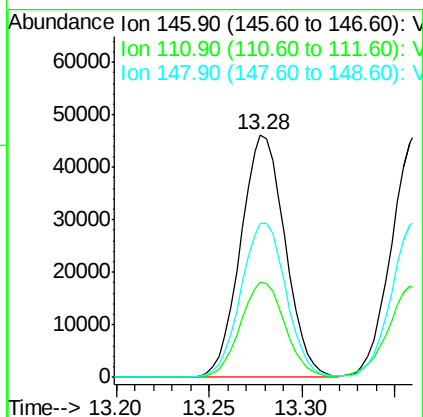
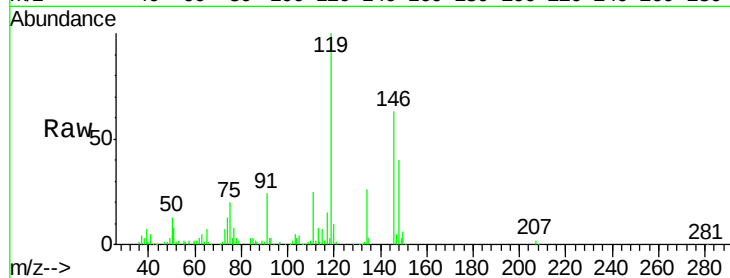




#87
 1,3-Dichlorobenzene
 Concen: 18.50 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

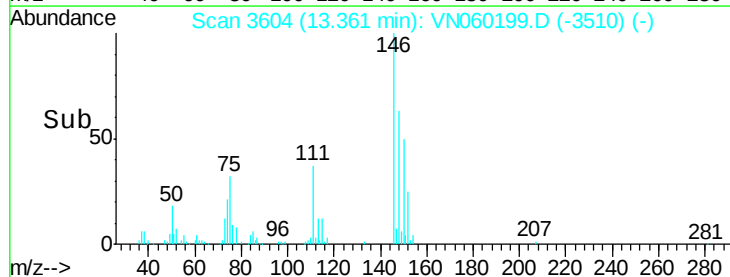
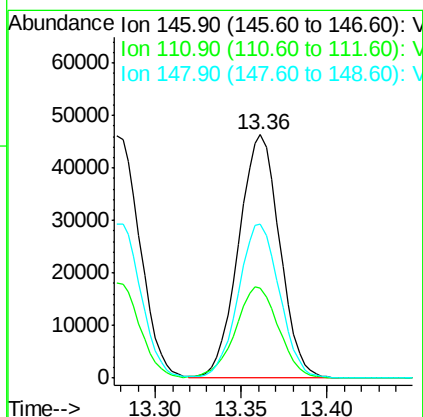
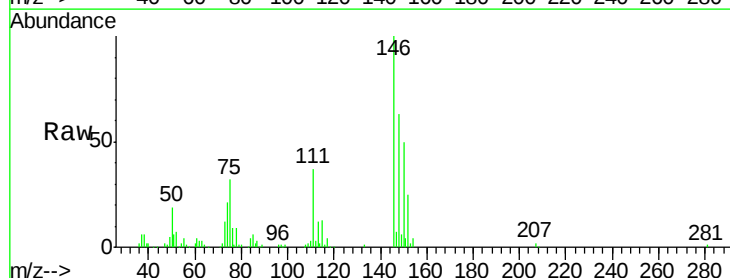
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01

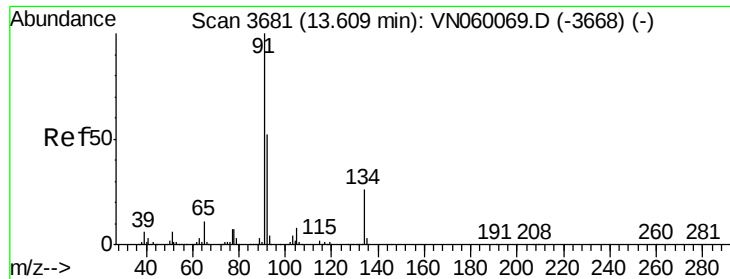
Tgt Ion:146 Resp: 77260
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.8 59.3
 148 64.8 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 18.50 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Tgt Ion:146 Resp: 77240
 Ion Ratio Lower Upper
 146 100
 111 39.5 18.9 56.5
 148 63.5 32.0 96.0





#89

n-Butylbenzene

Concen: 18.21 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampled :

VN0224WBS01

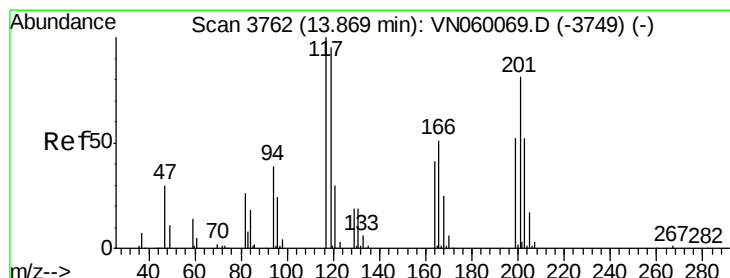
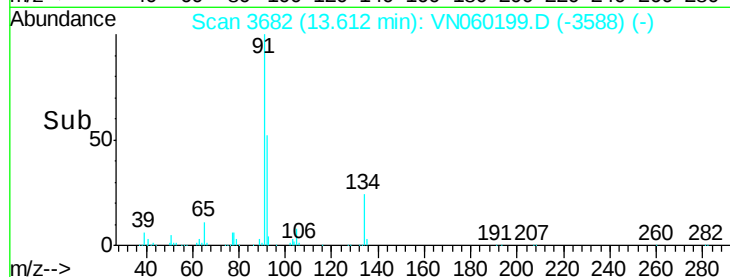
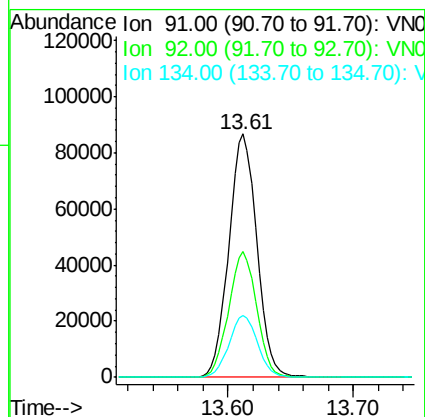
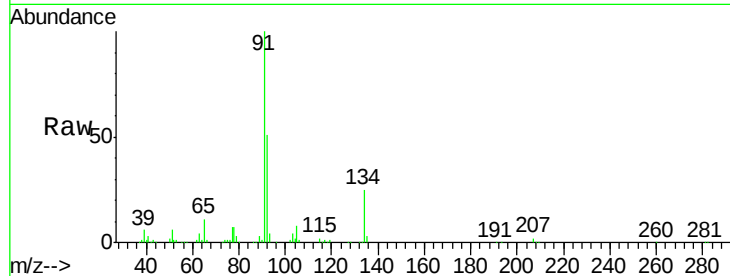
Tgt Ion: 91 Resp: 134381

Ion Ratio Lower Upper

91 100

92 51.7 26.1 78.2

134 25.8 13.1 39.3



#90

Hexachloroethane

Concen: 18.22 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN060199.D

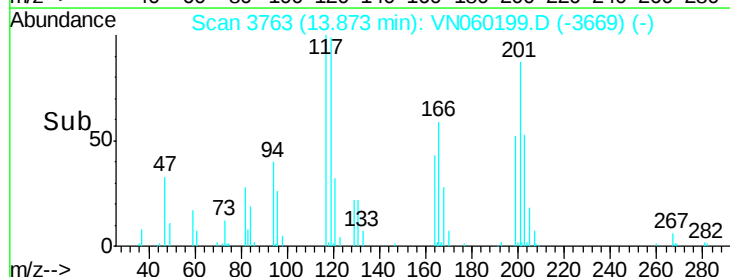
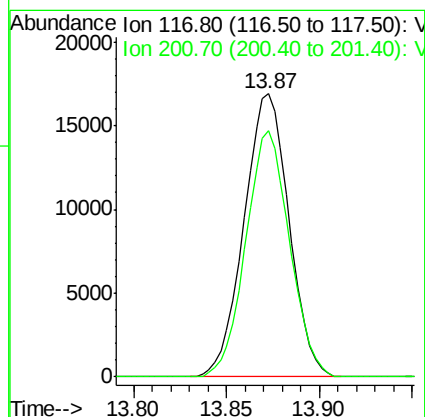
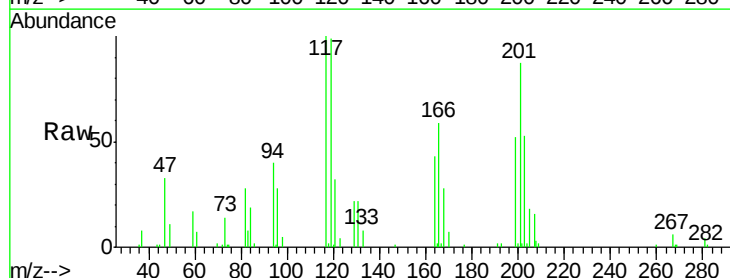
Acq: 24 Feb 2020 10:57

Tgt Ion: 117 Resp: 28565

Ion Ratio Lower Upper

117 100

201 84.6 41.7 125.1





#91

1,2-Dichlorobenzene

Concen: 18.77 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

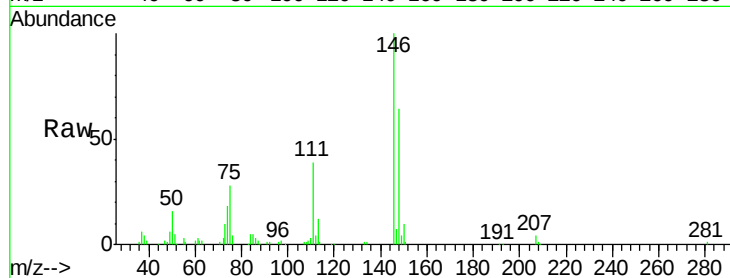
Tgt Ion:146 Resp: 76718

Ion Ratio Lower Upper

146 100

111 40.5 20.1 60.2

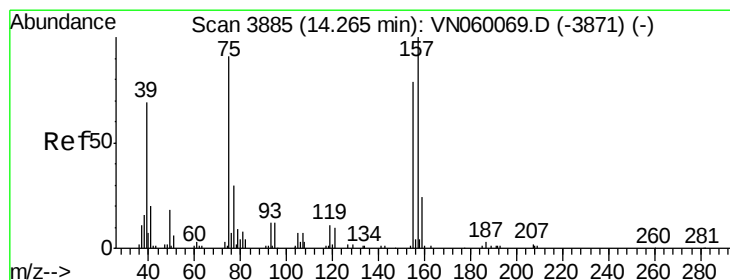
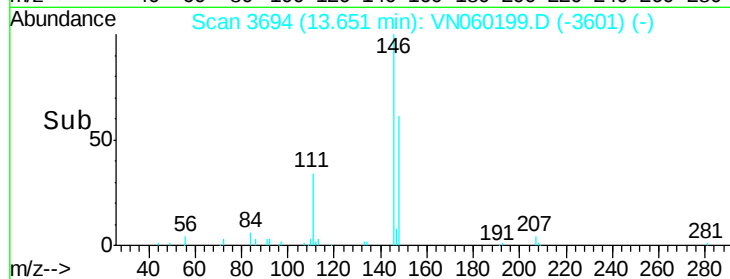
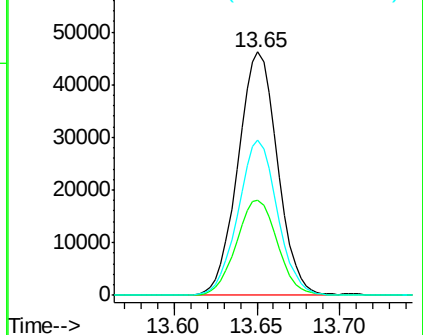
148 63.5 31.9 95.5



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: 17.10 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

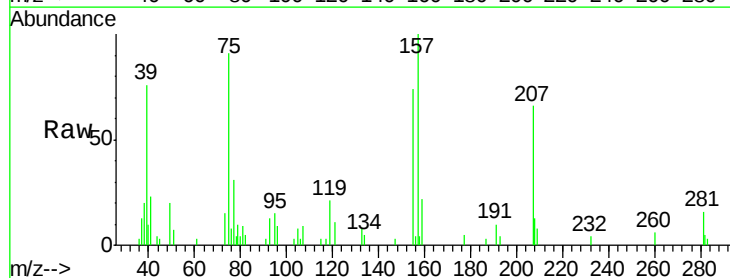
Tgt Ion: 75 Resp: 10247

Ion Ratio Lower Upper

75 100

155 80.1 43.0 129.0

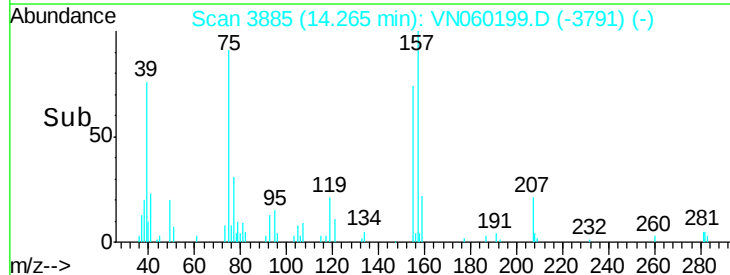
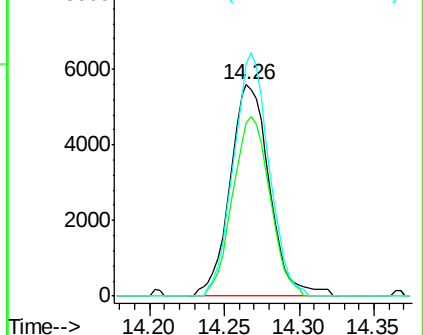
157 103.8 54.9 164.5

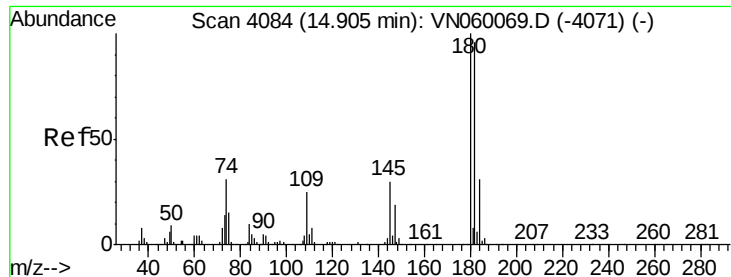


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

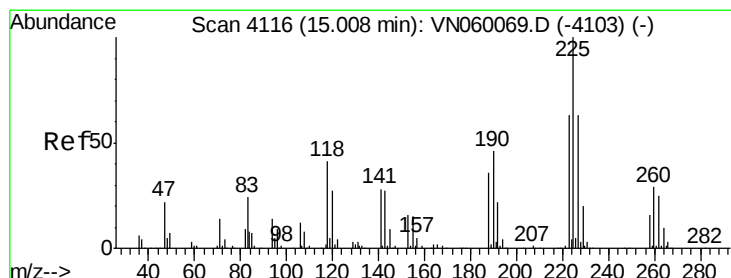
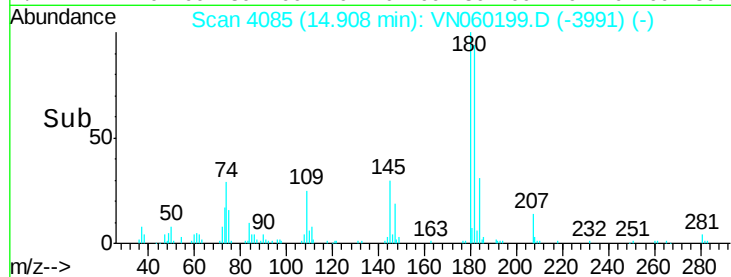
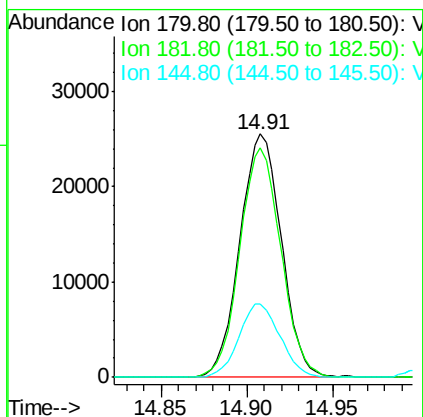
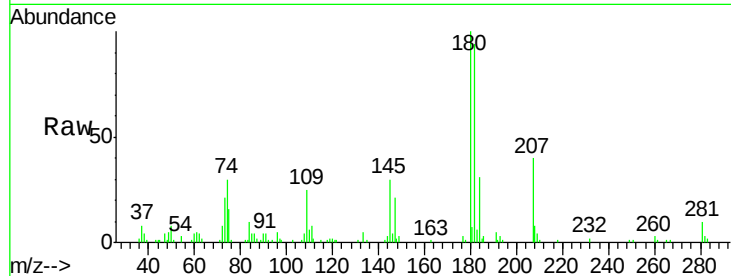




#93
 1,2,4-Trichlorobenzene
 Concen: 17.88 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

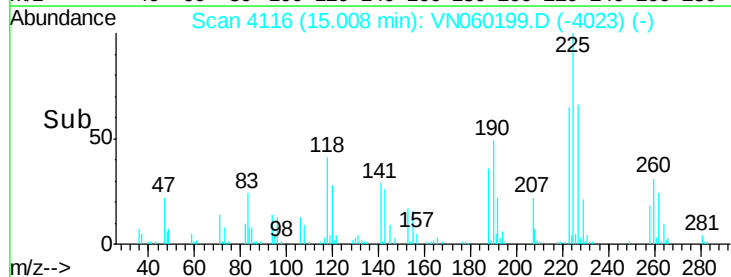
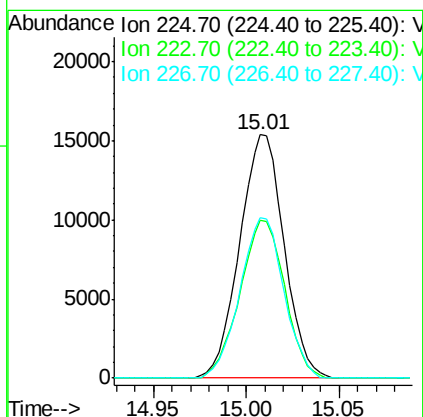
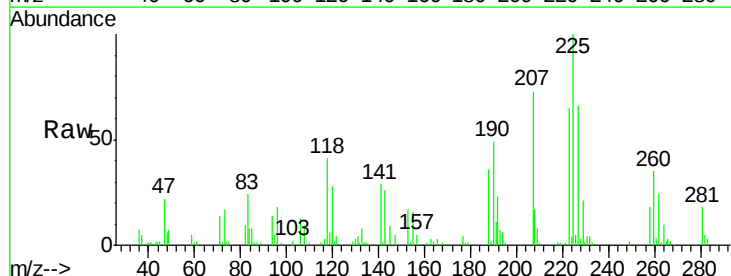
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01

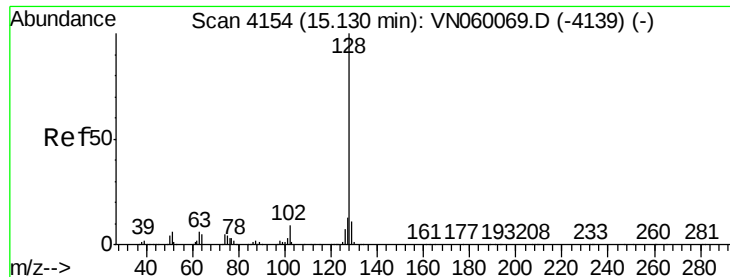
Tgt Ion:180 Resp: 42934
 Ion Ratio Lower Upper
 180 100
 182 93.4 47.9 143.8
 145 29.7 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 18.25 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Tgt Ion:225 Resp: 25653
 Ion Ratio Lower Upper
 225 100
 223 65.2 31.5 94.5
 227 65.0 31.8 95.4





#95

Naphthalene

Concen: 16.63 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

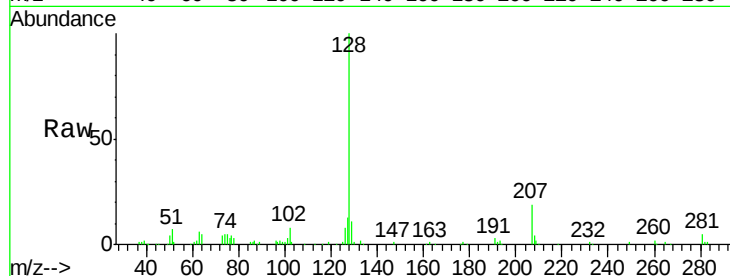
Tgt Ion:128 Resp: 107876

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

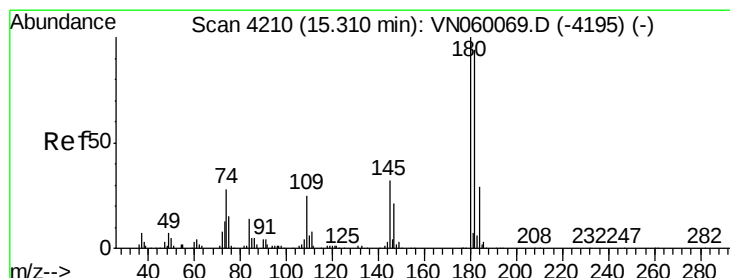
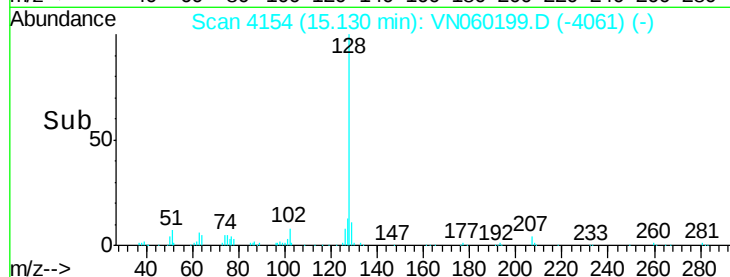
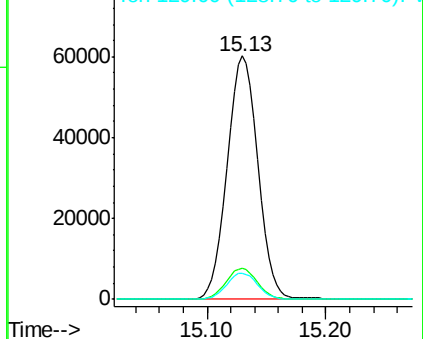
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.02 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

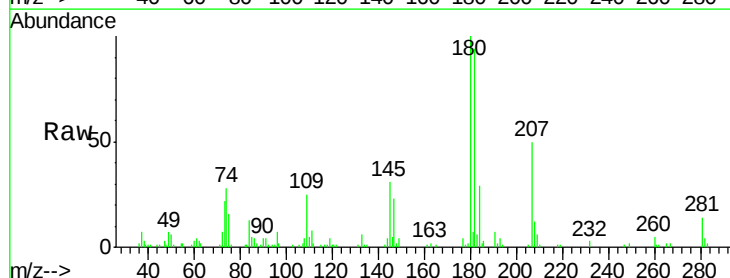
Tgt Ion:180 Resp: 43086

Ion Ratio Lower Upper

180 100

182 95.3 47.5 142.5

145 31.8 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

